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*Our Contribution to the Environment®*

February 28, 2014

Mr. Jason Metzger
Georgia Department of Natural Resources
Response and Remediation Program
Suite 1462 East Tower
2 Martin Luther King, Jr. Drive, S.E.
Atlanta, Georgia 30334-9000

**Subject: Fifth VIRP Semi-annual Progress Report**
**VOPAK Terminal Savannah**
**HSI Site No. 10464**
**Turner and Hart Street, Savannah, Chatham County, Georgia**
**Tax Parcel: 1-0618-01-003L**

Dear Mr. Metzger:

On behalf of VOPAK Terminal Savannah, Inc. Environmental International Corporation (EIC) is pleased to submit the attached fifth VIRP Semi-annual Progress Report for the above referenced site.

Enclosed are the following:

1. One signed and sealed certification page for the Semiannual Report.
2. One bound paper copy of the Fifth VIRP Semi-annual Progress Report.
3. Two Compact Discs each with the report in searchable PDF format.

If you have any questions regarding this submittal, please contact Mr. Branden Jones of VOPAK at 912-964-1811 extn.114 or me at the above location.

Sincerely,
ENVIRONMENTAL INTERNATIONAL CORPORATION

Raj Mahadevaiah, P.E., C.G.W.P.
President & CEO

Cc: Branden Jones, VOPAK
Natalie Dawn, GPA

**CERTIFICATION AND SUPPORTING DOCUMENTATIONS**
**Fifth VIRP Semi-annual Progress Report**
**VOPAK Terminal Savannah**
**HSI Site No. 10464**
**February 28, 2014**

*"I certify under penalty of law that the accompanying report referenced above and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.*

*Furthermore, to document my direct oversight of the Voluntary Investigation and Remediation Plan (VIRP) development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.*

*The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Basavaraj Mahadevaiah, GA PE No. 23198
Environmental International Corporation
770-772-7100, ext. 223

2/28/14
Date

GEORGIA REGISTERED No. 23198 PROFESSIONAL ENGINEER BASAVARAJ MAHADEVAIAH

Signature and Stamp

EIC

PCE REMEDIATION, HSI SITE 10464, VOPAK TERMINAL SAVANNAH, GEORGIA

# FIFTH VIRP SEMI-ANNUAL PROGRESS REPORT

February 28, 2014

Submitted To:
**GEORGIA ENVIRONMENTAL PROTECTION DIVISION**
Georgia Department of Natural Resources
Response and Remediation Program
Suite 1462 East Tower
2 Martin Luther King Jr. Drive, S.E.
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Prepared for:
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SECTION

1

# 1. INTRODUCTION

On behalf of VOPAK, Environmental International Corporation (EIC) is pleased to submit the Fifth VIRP Semi-annual Progress Report for review by the Georgia Environmental Protection Division (EPD). This report was prepared as specified in the April 2, 2011 "Revised Voluntary Investigation and Remediation Plan (VIRP) and Application" that was approved by the EPD on August 31, 2011 under the Voluntary Remediation Program (VRP).

## 1.1 PRIMARY OBJECTIVES

The primary objective of this report is to present a compilation of tasks completed by EIC during the six-month time frame that covers the period from September 2013 through February 2014. This report documents the following tasks:

- EPD Comment letter
- Upgrades to monitoring well network
- Continued evaluation of COC trends
- Evaluation of down-hole MNA indicator parameters

The following sections describe each task.

SECTION

2

# 2. EPD COMMENT LETTER

VOPAK received a letter from the EPD, dated November 20, 2012, commenting on its review of the first two semi-annual progress reports that VOPAK submitted in February 2012 and August 2012. This letter is the last official response that VOPAK has received from the EPD. EIC provided a response to this letter in the fourth semiannual report (EIC, 2013b). The following subsections further address EPD's comments.

## 2.1 HORIZONTAL DELINEATION

The EPD's first comment was that vinyl chloride (VC) continued to exceed Type 1 RRS in well MW-27 requiring VOPAK to complete horizontal delineation beyond VOPAK'S property to the north. The facility immediately to the north of VOPAK's property is owned and operated by the Georgia Ports Authority (GPA). In addition, VOPAK recognized that the horizontal extent of the CVOC plume was not fully delineated to the south of VOPAK's property. The property to the south of VOPAK is owned by GAF Manufacturing, Inc. (GAF).

As described in Section 3, EIC proposed locations for three new groundwater monitoring wells to complete the off-site delineation of the CVOC plume. Immediately after VOPAK negotiated a right of entry with GPA, EIC installed the two new wells on GPA property in December 2013. MW-35 was installed at a location northwest and hydraulically down-gradient of MW-27 and well MW-36 was installed north of and down-gradient of MW-32. The third well, MW-37, was installed on GAF property south of and up-gradient of MW-26R. As described in Section 4, analytical results of COC concentrations from these new wells have enabled complete horizontal delineation of all COC down-gradient of the previously established COC footprint and enabled VOPAK in addressing EPD's concern about the VC plume down-gradient of MW-27. However, as also discussed in Section 4, analytical results from the new well MW-37 indicate the presence of CVOC hydraulically up-gradient of the original foot-print on GAF property. This potential extent will be further verified from the next quarterly sampling event.

## 2.2 WELL ABANDONMENT AND REHABILITATION

The EPD's second comment in the November 20, 2012 letter was that wells MW-14, MW-20, MW-21, and MW-28, that have not been located since April 2010, need to be located and added to the monitoring network. In the event that the wells in question were not useful for the monitoring program, EPD also required that VOPAK make every attempt to locate and properly abandon these wells. Also, EPD stated that the silted wells MW-15 and MW-22R should either be rehabilitated or properly abandoned.

As reported in the fourth VIRP semiannual report submitted in January 2013, EIC utilized a licensed surveyor to successfully locate well MW-14 but was unable to locate wells MW-20, MW-21, nor MW-28. In October, 2013 EIC re-developed MW-14, and added that well to the monitoring well network. In December 2013, as described in Section 3, EIC attempted to locate additional un-located wells IW-1, IW-2, IW-5, IW-13, and MW-26 for abandonment. Of these, EIC located wells IW-1, and IW-2. Also in December, EIC properly abandoned the known silted wells MW-15 and MW-22 and attempted to abandon wells IW-1, and IW-2.

At VOPAK's request, EIC utilized a licensed well driller to install a protective flush-to-grade vault at well MW-27 and to convert well LAW-PZ-8R from a stick-up to flush-to-grade construction. All well abandonments and modifications are illustrated in Figure 2-1.

SECTION

3

# 3. WELL UPGRADES

In continuing to meet the objectives set forth in the EPD's November 20, 2012 VIRP comments letter, VOPAK conducted various field tasks. These include attempts to locate the remaining un-located monitoring wells utilized for monitoring the COC within and surrounding Tank farm # 2, the abandonment of appropriate located wells and known damaged/silted wells, installation of three new monitoring wells to achieve horizontal delineation of COC, and modification of two existing wells. These tasks are summarized in Figure 2-1. The following subsections describe site activities completed by EIC.

## 3.1 EPD's COMMENTS

In the EPD's November 20, 2012 comments letter, the EPD's first comment was that *"vinyl chloride continues to exceed Type I RRS in MW-27. Please note that the August 13, 2013 semi-annual progress report must demonstrate complete horizontal delineation on all impacted properties"*. The EPD's second comment stated that of the wells *"MW-14, MW-20, MW-21, and MW-28* [that] *have not been located since April 2010"*, *"please attempt to locate these wells and add them to the well gauging network. If these wells are no longer needed, then every attempt should be made to locate and properly abandon these wells. Also the silted wells MW-22R and MW-15 should be rehabilitated or properly abandoned"* (EPD, 2012). This EPD Comments letter referred to a November 12, 2009 letter it issued to VOPAK and that listed wells IW-1, IW-2, IW-5, LAW-PZ-8, MW-17, and MW-26 as being paved over or destroyed during construction activities at the site.

As documented in the first and second VIRP semi-annual progress reports, VOPAK has attempted to locate the above un-located wells utilizing historical maps, a magnetometer, and by excavation. Prior to January 2013, LAW-PZ-8 and MW-17 were located and abandoned as they were deemed to be unsuitable for groundwater monitoring due to silting or other reasons (EIC, 2012b). Additionally, as documented in the Second Semiannual Progress Report, EIC determined that injection well IW-4 was silted and therefore abandoned that well (EIC, 2012e).

## 3.2 LOCATING WELLS

In January 2013, EIC retained EMC Engineering Services, Inc. (EMC) a professional licensed land surveyor to utilize historically established permanent benchmarks, historical surveys conducted by the surveyor, and a magnetometer to mark the locations of certain missing wells onsite. Additionally, EIC utilized the surveyor's historical data to determine the well names and coordinates of two unidentified/unnamed wells that were not properly depicted on available AutoCAD site maps. During the survey, EIC walked the site in an attempt to visually surface evidence of these wells. In an attempt to locate wells covered over by pavement or other site improvements, the surveyors utilized a magnetometer since the well vaults are typically made of cast iron.

During the survey, EIC successfully located well MW-14 that was a deep well with flush-to-grade (FTG) completion. The well had been hidden under a geo-synthetic liner within Tank Farm #2. Upon further evaluation, EIC determined that the well was in good condition and gauged the depth of this well. EIC determined that the depth-to-bottom of the well was 49.57 feet below top-of-casing that was close to the historical well construction data which listed the well as having a total depth of 49.44 feet below grade. Wells IW-7 and IW-8, which had previously been un-located, were identified as existing wells which had been incorrectly plotted on the historical basemap. Also, well IW-21 that was previously unidentified on historical site maps was also located. Based on previous survey coordinates and magnetometer readings, the surveyor also marked the locations of wells IW-1, IW-2, IW-5, and MW-26. However, wells IW-13, MW-20, MW-21, and MW-28 could not be located by the surveyor. EIC utilized the survey data (see Section 3.3.7) to update the site basemap utilized in all site figures.

## 3.3 WELL LOCATION, ABANDONMENT, AND RELATED TASKS

During two mobilizations in December 2013, EIC completed several tasks pertaining to the monitoring well network. The following sections describe the field tasks.

### 3.3.1 Utility Clearance

Prior to EIC's first mobilization to abandon wells and to install new wells, EIC contacted the Utilities Protection Center (UPC) via the "One Call Center" phone number. UPC contacted several public utility companies to mark the locations of any buried public utilities in the areas where installation of the three new wells were proposed. Utilities included power lines, gas lines, communication lines, and water lines. EIC coordinated with GPA and GAF on the completion of this task and provided them with a map of the proposed new well locations. GPA cleared the utilities on their property at the areas of the proposed wells MW-35 and MW-36 utilizing facility as-built drawings, as no public buried utilities were known to exist in the vicinity of these proposed wells. GAF facilitated the UPC locator on their property to clear the utilities in the area of the proposed well MW-37 and independently searched their records for buried utilities.

According to the UPC, the utilities at GAF were cleared prior to EIC's site visit to install MW-37. Regarding the wells on VOPAK property to be abandoned, EIC providing a map to VOPAK illustrating the proposed well abandonment locations for clearing facility utilities and product lines.

Prior to EIC's second mobilization, EIC again contacted the UPC to clear the utilities in the area of wells IW-1 and IW-2 to be abandoned, as VOPAK had informed EIC that there were possible natural gas and water utilities in the vicinity of the proposed well locations. During this mobilization, two utility locators visited the field and determined that no public buried utilities were in the area of either of these wells. These utilities, however, had no information on any private utilities on VOPAK property. VOPAK informed EIC that it would review its records on the locations of any buried utilities and product pipelines in the area of these wells.

### 3.3.2 Site Access

During both of EIC's mobilizations, EIC did not encounter any limitations in accessing the areas for the proposed well-related tasks. EIC coordinated with VOPAK, GPA, and GAF regarding all site activities for access, as needed.

### 3.3.3 Well Locating Via Excavations

Utilizing the paint marks placed on the pavement by the surveyor that identified potential locations of wells IW-1, IW-2, IW-5, and MW-26R, EIC directed the contracted drilling company to use a masonry saw to remove asphalt pavement at each marked location. The driller also conducted an excavation within the underlying soil beneath the pavement in order to locate these wells. Additionally, EIC directed the drilling company to attempt to locate well IW-13 in Tank Farm # 2 utilizing a skid-steer excavator. The aggregate was removed to the depth of an existing geo-synthetic liner and then the aggregate was returned. During this process, care was taken to prevent damage to the geo-synthetic liner. EIC located wells IW-1 and IW-2 via this method. Wells IW-1 and IW-2 were found just under the asphalt pavement and were apparently in a reasonably good condition except that the cast-iron vaults were corroded and the masonry saw damaged the vault lid of well IW-2. The excavations within the paved areas where wells were not located (wells IW-5 and MW-26) were then was backfilled with the earth removed and tamped and the top 6 inches capped with 6-inch thick concrete FTG.

### 3.3.4 Well Abandonment

During EIC's first site mobilization, EIC abandoned wells MW-15 and MW-22R. These wells were abandoned per the Design and Installation of Monitoring wells (SESDGUID-101-R1), in the EPA's Region IV Field Branches Quality System and Technical Procedures document and in accordance with the Water Well Standards Act, O.C.G.A. 12-5-120. The concrete pads surrounding these wells were first removed and disposed of. Then, utilizing a truck-mounted drill rig with 4.25-inch I.D. decontaminated Hollow Stem Augers (H.S.A), well casings were extracted

and the boreholes were over-reamed – removing any remaining well casing. The boreholes were filled with bentonite grout with a tremie pipe. A concrete pad with a thickness of 6 inches was then installed FTG over the grouted hole. Soil cuttings and removed concrete pads were containerized in 55-gallon drums labelled as investigation derived wastes (IDW) for later disposal by VOPAK.

During this mobilization, EIC also initiated the abandonment of well IW-2. This process involved removal of the concrete pad and extraction of 10 feet of solid 1-inch PVC casing (the well screen detached from the solid casing and could not be recovered). The driller then began over-reaming the borehole to remove grout and the remaining well screen with H.S.A. However, at a depth of approximately 3 feet below grade, the auger intercepted an unpressurized 4-inch diameter rhodimet product line causing a rupture. A small volume of rhodimet leaked from the line. Per VOPAK's direction, EIC suspended abandoning this well until VOPAK had cleaned up the rhodimet spill and affected soil. VOPAK then proceeded to clean up the spill and containerize soil removed from around the borehole. VOPAK informed EIC that the abandonment of IW-2 could possibly be completed once the rhodimet line had been fully decommissioned and facility utilities records further reviewed. Due to the possibility of a water main and natural gas line at IW-1, VOPAK directed EIC to terminate abandonment process of that well. As such, EIC left IW-1 in place and capped the saw-cut over IW-1 with concrete FTG. During the initial abandonment of IW-1, only the vault lid was removed.

### 3.3.5 New Well Installations

EIC designed and supervised the installation of three new offsite (approximately 15-foot depth) monitoring wells using the drilling contractor. As discussed in Section 2, these wells were required for complete delineation of the horizontal extent of the CVOC plume.

During the second mobilization, the boreholes for the wells were drilled utilizing a 6620DT GeoProbe with 4.25-inch I.D. decontaminated H.S.A. As per the EPD's comments letter, the first well (named MW-35) was located to the north and down-gradient of MW-27 on Georgia Ports Authority (GPA) property. Additionally, since EIC had determined that certain CVOC contaminant plumes had not been fully delineated north and down-gradient of MW-32 nor south and up-gradient of wells MW-26R and MW-34, two additional wells (named MW-36 and MW-37, respectively) were installed. MW-36 was located to the north of MW-32 on GPA property and MW-37 was located near the un-located MW-28 (on GAF property) to the south of the original CVOC foot-print. Each well was completed in accordance with SESDGUID-101-R1 and O.C.G.A. 12-5-120.

During soil borings for each well, EIC recorded the continuous lithology of soils encountered and the well construction specifications. Figures 3-1 through 3-3 illustrate the as-built well completion logs of wells MW-35, MW-36, and MW-37, respectively, with both lithological and well construction details. EIC also supervised well development of each well to remove fines from the filter-pack, auger and other equipment decontamination procedures, and waste disposal. Soil

cuttings and development water generated was containerized in labeled 55-gallon drums for later disposal by VOPAK. All field activities were recorded in detail on field forms and in a field book.

### 3.3.6 Converting Two Stick-Up Wells to Flush-to-Grade

During the first mobilization, EIC directed the drilling contractor to convert well MW-27 (the well was 4-inches high with no outer protective metal casing) to FTG per SESDGUID-101-R1 and O.C.G.A. 12-5-120. This conversion provides better protection for the well. As such, the drilling contractor cut the 1-inch diameter PVC casing to a level below the ground surface and installed a cast iron well vault with screw-down lid around the PVC casing. A concrete pad was then installed around the vault.

During the second mobilization, per VOPAK's request, EIC converted well LAW-PZ-8R to FTG. This well was originally completed with approximately a 4-foot high stick-up within a protective outer metal casing. As such, EIC utilized the well driller to convert the well to FTG using procedures similar to those used for the MW-27 well conversion. This conversion allows VOPAK to more conveniently load rhodimet product into tanker trucks. The resulting soil and concrete debris were containerized in a labeled 55-gallon drum for later disposal by VOPAK.

### 3.3.7 Survey of New Well Installations and Modified Wells

In January 2014, EIC acquired a land surveyor to survey the three newly installed wells and the two modified wells at the VOPAK Savannah terminal. The geographical survey was conducted, under EIC's supervision, by a professional land surveyor licensed in the State of Georgia.

The primary objectives of the survey were to measure the horizontal and vertical coordinates of the top of casing (TOC) of monitoring wells MW-35 and MW-36 on GPA property and monitoring well MW-37 on GAF property. The surveyor also measured the vertical coordinates of the ground surface adjacent to the three aforementioned wells and the vertical coordinates of the TOC of the two modified wells, LAW-PZ-8R and MW-27 on VOPAK property. Additionally, the surveyor also measured the vertical coordinates of the adjacent ground surface.

#### 3.3.7.1 Field Activities

On January 20, 2014, EIC retained EMC Engineering Services, Inc. (EMC) to conduct the required surveying service. All survey points were referenced to horizontal state plane coordinates of North American Datum (NAD) 83 and vertical elevation coordinates of the National Geodetic Vertical Datum (NGVD) 29 and the North American Vertical Datum (NAVD) 88.

When the surveyor field crew arrived at the site, EIC identified the two wells on VOPAK property that had been converted to flush-to-grade. The surveyors collected the vertical coordinates of the TOCs of these two wells and marked a reference point with a black permanent marker on the TOC. The surveyors then measured the vertical coordinates of the ground surface

adjacent to the two wells. EIC ensured that the surveyors marked the "ground surface" at a point around the pad perimeter approximately midway between the highest and lowest ground surface elevation. The coordinates of LAW-PZ-8R and MW-27 were both successfully collected.

The surveyor then proceeded to collect the horizontal and vertical coordinates of the TOCs of wells MW-35, MW-36, and MW-37 and the ground surface elevation adjacent to each of these wells. A reference point was marked on each TOC of each well to enable well gauging from a consistent location. The coordinates of MW-35 were collected using a GPS system and the established benchmark was referenced for wells MW-36 and MW-37.

After completion of the aforementioned tasks, the surveyor assisted in locating monitoring well MW-31. MW-31 had been buried under stockpiled aggregate related to nearby construction and its exact location was unknown. Utilizing a magnetometer and direction from EIC, EMC quickly pinpointed the exact location of MW-31. EIC then uncovered this well.

#### 3.3.7.2 Basemap Revisions

EMC utilized the newly acquired field data, a historical AutoCAD map prepared by EMC of a previous survey of September 24, 2004, and a current site AutoCAD base map provided to EIC in 2011 to update the current map and depict the locations and coordinates of the surveyed wells. EMC then provided EIC a draft drawing that included horizontal and vertical coordinates in both NGVD 29 and NAVD 88 datums to assist in the update process. After EIC's review and comments, EMC's licensed surveyor signed and stamped hardcopies of the final drawing and data table and mailed them to EIC (Attachment A).

SECTION

4

# 4. QUARTERLY MONITORING

The two quarterly sampling events documented in this section were conducted in fourth quarter of 2013 and first quarter of 2014. The sampling events entailed the collection of groundwater samples for analysis from wells within the previously established area of concern with constituents of concern (COC) including dissolved chlorinated volatile organic compounds (CVOCs) and volatile organic compounds (VOCs) contamination. Under the approved VIRP, all available monitoring wells plus a selected former injection well within and adjacent to the PCE/BTEX contaminant plume are being utilized for the monitored natural attenuation (MNA) remedial approach. The following subsections describe the first quarterly monitoring program for 2014.

## 4.1 GROUNDWATER MONITORING FIELD PROGRAM

During the 2013 fourth quarterly monitoring event that occurred in October 2013, EIC conducted groundwater monitoring at 17 shallow monitoring wells, one shallow injection well, and one deep monitoring well. Prior to sampling, the deep monitoring well (MW-14) was redeveloped as it had not been purged/sampled since September 2009. During the 2013 fourth quarterly groundwater monitoring event, the following wells were utilized for groundwater sampling: LAW-PZ-8R, PAN-MW-9, PAN-MW-10, MW-16, MW-17R, IW-18, MW-14, MW-18R, MW-19, MW-23, MW-24R, MW-25, MW-26R, MW-27, MW-29, MW-30, MW-32, MW-33, and MW-34. During 2014 first quarterly groundwater monitoring event, in addition to these wells, newly available wells MW-35, MW-36, and MW-37 were also utilized for groundwater sampling as well as MW-31, which was inaccessible during the 2013 fourth quarterly event. The site layout is illustrated in Figure 4-1.

### 4.1.1 Sampling Protocol

The groundwater sampling program was conducted in accordance with the current U.S. EPA groundwater sampling procedure "Field Branches Quality System and Technical Procedures" (FBQSTP) per EPD regulations. Each monitoring well was gauged, purged, and sampled following the "low-flow" purge technique established in the standard operating procedure (SOP) SESDPROC-301-R3 under the FBQSTP (EPA, 2013).

### 4.1.2 Site Access

Prior to EIC's site visit, EIC coordinated with the GPA and GAF in gaining access during the two sampling events to collect groundwater samples from a total of six off-site monitoring wells MW-17R, MW-32, MW-34 MW-35, MW-36, and MW-37. Monitoring well MW-37 is located on GAF property and wells MW-17R, MW-32, MW-34, MW-35, and MW-36 are located on GPA property.

### 4.1.3 Field Procedures

#### 4.1.3.1 Groundwater Gauging

Prior to sampling, EIC gauged each well with a Solinst Model 122 interface meter ("oil/water interface probe") to determine the static depth to groundwater. EIC utilized top-of-casing (TOC) elevations from the most recent well surveys to determine the current groundwater elevations. The gauging data for the October 2013 and January 2014 monitoring events are tabulated in Tables 4-1 and 4-2, respectively.

#### 4.1.3.2 Groundwater Sampling

Prior to initiating field sampling activities, EIC obtained 55-gallon drums from VOPAK to containerize purged groundwater. At each wellhead, EIC monitored VOCs air concentrations in parts per million (ppm) with a calibrated photoionization detector. A total of three measurements were taken at the respective well to document VOC concentrations in the ambient air within two feet of and outside the outer well casing, air between the inner well casing and the outer protective casing or vault, and air within the inner well casing. The VOC concentrations observed during the fourth quarter of 2013 were recorded on EIC's October 2013 "Well Purging and Sampling Data field logs" (Attachment B). Due to a malfunction of EIC's photoionization detector during the first quarter of 2014, it was not possible to collect VOC air concentration data for each well. However, any noticeable odors detected were noted on the January 2014 Well Purging and Sampling Data field logs (Attachment C).

EIC utilized a peristaltic pump for purging and sampling. Dedicated disposable 1/4-inch inner diameter and 3/8-inch outer diameter Teflon-lined tubing was utilized at all wells for purging. The well purging data for October 2013 and January 2014 is tabulated in Table 4-3 and Table 4-4, respectively. Groundwater from each monitoring well was pumped via the peristaltic pump through a multi-parameter field water quality meter equipped with a flow-through cell. Following the SOP, SESDPROC-301-R3, EIC set the tubing intake at the center of the wetted screen interval. The tubing was incrementally lowered below this depth if the water level dropped to the depth of the intake during pumping.

After purging began and prior to sampling at each well, water quality parameters, including temperature, pH, oxidation-reduction potential (ORP), specific conductivity, turbidity, dissolved oxygen (DO); rate of evacuation; and depth to water were measured at approximately 5-minute

intervals until certain parameters stabilized per SESDPROC-301-R3. EIC considered that parameters were stabilized when 3 consecutive readings were within ± 0.1 for pH and ± 5% for specific conductivity. Reasonable attempts were made for each well to reach 0.2 mg/L DO and a turbidity reading below 10 Nephelometric Turbidity Units (NTUs). These measurements were recorded on EIC's Well Purging and Sampling Data field logs. Groundwater quality field parameters after stabilization and prior to sample collection are summarized in Table 4-5 and Table 4-6 for October 2013 and January 2014, respectively. The historical natural attenuation parameters recorded during each monitoring event including pH, Temperature, DO, conductivity, and ORP are tabulated in Table 4-7.

After water quality parameters had either stabilized or reasonable attempts had been made to reach stabilization at each accessible well, EIC collected groundwater samples utilizing the "soda straw method", per SESDPROC-301-R3, whereby the Teflon-lined tubing was removed from the well, the peristaltic pump run in reverse, and sample bottles filled from the tubing. To ensure that no groundwater from or beyond the peristaltic pump head reached the sample bottles during sample collection, EIC utilized a minimum of 20 feet of tubing from the pump head. All sample bottles were properly sealed and labeled in the field. Each sample set was then stored with ice in insulated cooler containers provided by the laboratory. Completed chain of custody forms accompanied all samples.

EIC scheduled Xenco Laboratories, a Georgia-certified laboratory located in Norcross, Georgia, to pick up both sets of samples the day after returning to EIC headquarters from the site. The laboratory conducted analysis of volatile organic compounds via EPA method 8260B. The laboratory reports for the October 2013 and January 2014 events are included as Attachment D and Attachment E, respectively.

The 55-gallon drums used for containerization of purge water were placed on the west shoulder of the road between Tank Farm #2 and Tank Farm #3. EIC placed a non-hazardous waste label on each drum and marked the contents as investigative derived waste ("IDW") well purge water and marked the respective accumulation dates. The drums were later disposed of by VOPAK.

#### 4.1.3.3 Deep Monitoring Well MW-14 Redevelopment

Since monitoring well MW-14 was considered a deep well, EIC utilized that well to vertically delineate the CVOC and VOC plumes. Based on actual measurement conducted in January 2013, EIC determined that the total depth of MW-14 was 49.57 feet below top-of-casing. This measurement was consistent with historical well construction data that listed the well as having a total depth of 49.44 feet below grade. The screened interval was reportedly located from 39.44 to 49.44 feet below grade.

Since historical records indicated that MW-14 had not been sampled since September 2009, EIC chose to develop the well prior to sampling. On October 1, 2013, EIC developed MW-14 utilizing a decontaminated submersible pump. Purging was accomplished by pumping the well

water while repeatedly raising and lowering the pump through the entire water column ("surged"). This procedure was performed in an attempt to clean the well screen of stagnant water, accumulated silt, bacteria, minerals, and other deposits. Initially the purge water appeared cloudy with black particulate matter but gradually became clear through the surging process. Approximately 23.5 gallons (3 well volumes) of water were purged from MW-14 during the development procedure.

All purge water was pumped into 5 gallon buckets and then transferred into the 55-gallon drum provided by VOPAK. In accordance with Design and Installation of Monitoring wells (SESDGUID-101-R1) procedure discussed in EPA's Region IV document titled Field Branches Quality System and Technical Procedures, EIC allowed the well to stabilize for a minimum of 24 hours before sampling the well. EIC sampled MW-14 two days later on October 3 as documented on the data field form (Attachment B).

## 4.2 QUALITY ASSURANCE AND QUALITY CONTROL

For groundwater quality assurance and quality control purposes, EIC placed one lab-supplied trip blank set with in each cooler that was used for storage of sample containers with ice. The trip blanks were submitted to the laboratory for analysis via EPA Method 8260B

To prevent cross-contamination, disposable 1/4-inch inner diameter and 3/8-inch outer diameter Teflon-lined tubing was used to collect samples at each well. The dedicated tubing was discarded after each respective well was sampled. EIC's oil/water interface meter, 2000 mL cylinder, and tubing cutter were field decontaminated prior to use and between sample locations by washing with a phosphate-free detergent solution and rinsing with pressurized de-ionized (DI) water. After each sample was collected, the water quality parameters instrument was also decontaminated with DI water.

## 4.3 DATA EVALUATION

EIC conducted an evaluation of the data compiled from field measurements and laboratory analyses to determine the groundwater potentiometric surface and the horizontal and vertical extent of the prevailing contaminant plumes at the time of the October 2013 and January 2014 monitoring events. Data from the sampling events were compared with the data from the baseline and each of the seven subsequent quarterly sampling events to determine if monitored natural attenuation is in process at the site and is likely to lead to remedial end points.

### 4.3.1 Groundwater Potentiometric Map

From the gauging data in Tables 4-1 and 4-2, EIC prepared a groundwater potentiometric surface map for each of the October 2013 and January 2014 quarterly monitoring events, respectively. The groundwater potentiometric surface occurring during the 2013 fourth quarterly and 2014 first quarterly monitoring events are illustrated in Figures 4-2 and 4-3, respectively. EIC compared

these two potentiometric surface maps with the previous eight potentiometric surface maps prepared since the inception of the VIRP in 2011. All ten maps illustrate that the predominant direction of groundwater flow in the area (including the COC foot-print) is due north or north-northeast.

The addition of January 2014 groundwater elevation data from the newly installed monitoring wells MW-35, MW-36, and MW-37 did not result in a significant change in the overall groundwater potentiometric surface or the direction of flow observed over the past nine events. Moreover, this data was consistent with previous data and allowed a depiction of the surface over a wider area to the south and north.

A trough feature of the potentiometric surface lies in the vicinity of Tank Farm # 2 that is oriented parallel to the groundwater flow. Also, a ridge feature of the potentiometric surface along the east of and parallel to the trough feature was once again observed during the October 2013 and January 2014 events. Referring to Figure 4-2, the up-gradient portion of the ridge feature observed during the previous five monitoring events appears to be better defined to the south and aligned further east than in previous events. The addition of groundwater elevation data from new monitoring wells MW-35 and MW-36 also supports the presence of a trough depicted in previous monitoring events. As illustrated in Figure 4-3, it appears that the trough extends northward from the vicinity of former injection well IW-18 to Tank 35 where it then turns towards the northeast and MW-36.

The elevation of the groundwater potentiometric surface did not change significantly between the fourth quarter of 2013 and the first quarter of 2014, however, in general, the groundwater elevation was slightly higher in January 2014. The groundwater elevation in monitoring well MW-27, located in the northeast area of the potentiometric surface depicted, increased by only 0.03 feet from October 2013 to January 2014. The largest increase in elevation in the southern portion of the potentiometric surface was observed at monitoring well MW-26R, where it increased 0.54 feet between the two events.

### 4.3.2 Horizontal Extent of Contaminant Plumes

The analytical data from the October 2013, January 2014, as well as historical analytical data are tabulated in Table 4-8. The COC results for each well sampled during the 2013 fourth quarterly and 2014 first quarterly monitoring events are illustrated in Figures 4-4 and 4-5, respectively. All parameters that exceeded the revised Site Specific Type 4 risk reduction standards (RRS) are shown in red. The following subsections include discussions on the characteristics of each constituent plume relative to historical plume characteristics.

#### 4.3.2.1 CVOC Plume

The CVOCs of concern at the site are tetrachloroethene or perchloroethene (PCE), trichloroethene (TCE), cis-1, 2 dichloroethene (DCE), and vinyl chloride (VC). Figures 4-6

through 4-13 illustrate the horizontal extent of the four CVOC constituent plumes observed in October 2013 and January 2014. In preparing the plume maps, EIC utilized the same contour intervals as those illustrated in the CAP for relative comparison. In addition, the limits of the RRS concentrations and the delineation criterion are illustrated to evaluate the extent of dissolved CVOCs that require remediation and the horizontal extent of the overall plume.

PCE and all three daughter products were detected at MW-37 when this well was first sampled in January 2014. From the 2014 second quarterly monitoring event, EIC will reconfirm the presence and concentration of CVOCs.

**PCE Plume:**

Referring to Figure 4-6, by the October 2013 monitoring event, the PCE concentrations at MW-33 had decreased from 15 µg/L in July 2013 to 1.2 µg/L. This decrease resulted in the PCE plume bisecting to form two separate PCE plumes of similar horizontal extent. The PCE concentration at MW-33 continued to decrease to below detection limits by the January 2014 event, as shown in Figure 4-7.

The highest concentration of PCE within the first PCE plume located in the southern portion of the original CVOC foot-print has remained relatively consistent at LAW-PZ-8R. This concentration has decreased only slightly from 44 µg/L, during the October 2013 monitoring event, to 38 µg/L during the January 2014 monitoring event. However, the horizontal extent of the up-gradient plume is depicted has having increased up-gradient due to additional data indicating PCE at a concentration of 30 µg/L at monitoring well MW-37. This PCE concentration at MW-37 remains unverified pending the next quarterly sampling event.

The highest concentration of PCE in the farthest down-gradient plume occurs at MW-32 as it has during each of the previous sampling events beginning in July 2012. This concentration has increased from 2,200 µg/L, during the July 2013 monitoring event, to 6,200 µg/L and 6,500 µg/L during the October 2013 and January 2014 events, respectively. The down-gradient plume shape indicates that the PCE plume is essentially aligned along the same direction as groundwater flow.

In summary, the overall horizontal extent of the prevailing PCE plume is shrinking in comparison to that of previous monitoring events. However, the current peak PCE concentration at MW-32 has increased significantly in comparison to the July 2013 peak PCE concentration.

In comparing the October 2013 and January 2014 sampling events to the eight previous sampling events (Figures 4-8 through 4-13), EIC observed spatial and temporal variations of the following PCE degradation products.

**TCE Plume:**

Referring to Figure 4-8, the location of the highest concentration of the TCE plume increased from 790 μg/L at well PAN-MW-9 in July 2013 to 1,300 μg/L at well MW-32 in October 2013. This concentration at MW-32 remained at 1,300 μg/L by January 2014, as shown in Figure 4-9. At the time of the January 2014 monitoring event, in addition to that at MW-32, TCE concentrations occurred above the RRS Type 4 standard of 38 μg/L at MW-29 (110 μg/L) and PAN-MW-9 (300 μg/L). In comparison to the July 2013 monitoring event, the TCE concentration at MW-29 has decreased slightly from 69 μg/L to 66 μg/L and the concentration at PAN-MW-9 has decreased by almost half from 790 μg/L to 440 μg/L.

With the addition of well MW-37 to the well monitoring network, the horizontal extent of the TCE plume has been further defined extending hydraulically up-gradient of the original CVOC foot-print. The western edge of the 5 μg/L delineation criterion limit of the TCE plume has shifted approximately 50 feet to the east due to the TCE concentration at well LAW-PZ-8R having decreased to below detection limits by the January 2014 event.

**DCE Plume:**

Referring to Figures 4-10 and 4-11, the highest concentrations of the DCE plume were 8,500 μg/L and 7,200 μg/L (both occurring at well LAW-PZ-8R) during the October 2013 and January 2014 monitoring events, respectively. This is a significant decrease from a concentration of 11,000 μg/L observed at LAW-PZ-8R during the July 2013 monitoring event. The DCE concentration increased most significantly at well MW-29. Between the July 2013 and October 2013 event, the DCE concentration increased at well MW-29 from 2,800 μg/L to 6,100 μg/L. The concentration then slightly decreased at this well to 5,900 μg/L by the January 2014 event.

As with the PCE and TCE plumes, the addition of data from well MW-37 has altered the shape of the DCE plume, extending it further up-gradient than previously depicted. The peak concentration of DCE in the plume (in the vicinity of LAW-PZ-8R and IW-18) to the south of the original CVOC foot-print slightly decreased between the October 2013 and January 2014 events and the north down-gradient peaks of the plume (in the vicinity of MW-29 and PAN-MW-9) slightly increased between the same two events. This shift in concentrations of DCE indicates that PCE natural attenuation is in progress and that the source is diminishing.

In summary, both the highest concentration and the overall horizontal extent of the DCE plume (except to the southeast of LAW-PZ-8R) has significantly decreased in comparison to the October 2011 baseline monitoring event, indicating that the plume is shrinking.

**VC Plume:**

Referring to Figures 4-12 and 4-13, the highest concentration of VC has shifted from LAW-PZ-8R (830 μg/L) in October 2013 to IW-18 (1,900 μg/L) in January 2014. However, the VC

concentration at LAW-PZ-8R did increase from 830 µg/L in October 2013 to 980 µg/L in January 2014. This is slightly lower than the 990 µg/L observed at LAW-PZ-8R in July 2013. Also, the extent of the hydraulically up-gradient portion of the plume has been further defined to the southeast of LAW-PZ-8R with VC apparently occurring at well MW-37 at a concentration of 130 µg/L. The extent of the down-gradient portion of the plume has increased with higher concentrations occurring at wells MW-16, MW-27, MW-29, MW-32, and PAN-MW-9 during the January 2014 event than occurred during the October 2013 event. However, between the October 2013 and January 2014 events, the VC concentrations at wells MW-24R, MW-30, and MW-33 decreased, causing the middle portion of the plume to recede inward. Comparing the January 2014 down-gradient plume to the July 2013 down-gradient plume, it appears that VC plume is extending east because concentrations have decreased in MW-27 and MW-24R and increased in PAN-MW-9 and MW-32.

In summary, both the highest concentration and the overall horizontal extent of the VC plume has increased in comparison to more recent monitoring events. This is a further indication that natural attenuation is occurring.

#### 4.3.2.2 VOC Plume

The VOCs of concern at the site are benzene, toluene, ethylbenzene, and total xylenes (BTEX). Figures 4-14 through 4-21 illustrate the horizontal extent of the VOC plumes at the site during October 2013 and January 2014. In preparing these plume maps, EIC utilized the same contour intervals as those illustrated in the CVOC maps. This allows for a relative comparison of the plume maps between VOC and CVOC limits. Also, the limits of the RRS concentrations and the delineation criterion are illustrated to evaluate the extent of dissolved VOCs that may require remediation. In reviewing these figures, EIC made the following observations:

**Benzene Plume:**

Referring to Figures 4-14 and 4-15, which depict the horizontal extent of the benzene plume during the October 2013 and January 2014 monitoring events, respectively, since July 2013 the plume has remained split into two separate plumes. The peak concentration of the primary benzene plume that lies hydraulically up-gradient in the vicinity of LAW-PZ-8R, has decreased from 1,900 µg/L in July 2013 to 1,500 µg/L during the July 2013 monitoring event and again decreased to 1,200 µg/L during the January 2014 monitoring event. The January 2014 peak concentration is the lowest peak benzene concentration recorded since VIRP monitoring began in October 2011. The down-gradient plume, located in the vicinity of wells MW-24R and MW-29, had a peak concentration of 23 µg/L at MW-29 in January 2014. This is the highest concentration recorded in the down-gradient plume since VIRP monitoring activities began in October 2011.

As with the CVOC plumes, the addition of benzene concentration from new well MW-37 has redefined the extent of the up-gradient benzene plume to expand towards the southeast.

However, this extent will be verified in the next sampling event. In summary, the overall horizontal extent of the benzene plumes have significantly decreased in comparison to the October 2011 baseline monitoring event, indicating that the plumes are shrinking.

**Toluene Plume:**

Referring to Figures 4-16 and 4-17, which depict the horizontal extent of the toluene plume during the October 2013 and January 2014 monitoring events, respectively, since July 2013 the horizontal extent of the toluene plume has decreased slightly. Also, the peak concentration at LAW-PZ-8R decreased from 650 μg/L in July 2013 to 510 μg/L by the October 2013 monitoring event and decreased again to 350 μg/L by January 2014. Both the October 2013 and January 2014 concentrations were the lowest concentrations recorded since VIRP monitoring began in October 2011.

In summary, both the highest concentration and the overall horizontal extent of the toluene plume has significantly decreased in comparison to the October 2011 baseline monitoring event indicating that the plume is shrinking. Additionally, the toluene plume continues to remain below both the RRS and delineation criterion, as it has since July 2012, indicating complete attenuation.

**Ethylbenzene Plume:**

Figures 4-18 and 4-19 depict the ethylbenzene plume separated into two plumes centered on wells LAW-PZ-8R and between wells PAN-MW-9 and MW-29 during October 2013 and January 2014, respectively. Historically, the highest concentration has been at LAW-PZ-8R. However, as of January 2014 the concentration at this well had decreased from 7,600 μg/L in July 2013 to 4000 μg/L. Simultaneously, the concentration at MW-29 increased from 800 μg/L in July 2013 to 1,200 μg/L in October 2013 and again to 3,100 μg/L in January 2014. The 3,100 μg/L concentration is the highest concentration ever recorded at MW-29 since October 2011. The concentration at PAN-MW-9 also increased from 760 μg/L in July 2013 to 1,000 μg/L by January 2014.

In summary, the extent and concentration of the up-gradient plume appears to be decreasing while the extent and concentration of the down-gradient plume is increasing significantly.

**Total Xylenes Plume:**

Figures 4-20 and 4-21 depict the total xylenes plume during October 2013 and January 2014, respectively. As it has since July 2012, the total xylenes plume continues to consist of two separate plumes with the predominant up-gradient plume centered at well LAW-PZ-8R and the down-gradient plume centered between wells PAN-MW-9 and MW-29, similar to the ethylbenzene plume.

The primary peak concentration at LAW-PZ-8R remained constant at 110,000 μg/L from the April 2013 monitoring event until the October 2013 event. By January 2014, the concentration

dropped significantly to 88,000 μg/L, reversing an upward trend observed since October 2012 and the lowest concentration since January 2012. However, the peak concentration of the down-gradient plume has increased by 4,900 μg/L at MW-29 since July 2013 reaching 6,600 μg/L in January 2014. The concentration at PAN-MW-9 increased slightly by 400 μg/L between July and October 2013 and then increased again by another 100 μg/L in January 2014, reaching a concentration of 2,700 μg/L.

In summary, it appears that the extent of the two plumes of the total xylenes plume have remained relatively stable with a slight decrease of the up-gradient plume and a slight increase of the down-gradient plume. It is pertinent that the total xylene concentration is above the RRS level only at well LAW-PZ-8.

### 4.3.3 Vertical Extent of COC Plumes

As discussed in Section 4.1.3.3, monitoring well MW-14 was redeveloped during the October 2013 monitoring event. MW-14 is the only known remaining deep well within the COC footprint, as monitoring well MW-15 has now been abandoned, as discussed in Section 3. After MW-14 was redeveloped it was sampled in October 2013, for the first time since September 2009 and then again in January 2014. As shown in Table 4-8, all monitored COC were below detection limits during both events at well MW-14 with the exception of toluene at 3.5 μg/L in October 2013 – however this was well below RRS. MW-14 will continue to be included in the monitoring program but it appears that vertical delineation of the plume has been completed.

### 4.3.4 Plume Stability

#### 4.3.4.1 CVOC Plume

As discussed in Section 4.3.2.1, since VIRP monitoring was initiated in October 2011, the total CVOC plumes have either split into two separate up-gradient and down-gradient plumes or, have narrowed at the center indicating that the plumes are in the process of splitting into two plumes. Overall, the CVOC plumes appear to be stationary and reducing in concentration and size, as indicated by surrounding wells with concentrations below detection limits and/or below the RRS indicating that all of the CVOC plumes are shrinking. An isolated VC plume, however, remains persistent in the area of MW-16.

Additional January 2014 analytical data from the newly installed wells MW-35 and MW-36 located down-gradient of the CVOC plumes confirmed that all CVOCs were below detection limits at these wells, thereby completing the horizontal delineation of each CVOC plume down-gradient of the original CVOC foot-print. It is pertinent to note that, accordingly, the VC plume has now been fully delineated down-gradient of MW-27.

The January 2014 analytical data from the newly installed well MW-37 located up-gradient of the CVOC plumes, however, indicates that the four CVOC plumes potentially extends up-gradient of

the original CVOC foot-print- from LAW-PZ-8R and onto GAF property. However, as discussed in Section 5.2.1, these results will be reconfirmed after the next sampling event.

#### 4.3.4.2 VOC Plume

In summary, the prevailing VOC plumes appear to be naturally attenuating compared to baseline conditions established in October 2011 and trending towards the established RRS. It is pertinent to note that additional January 2014 analytical data from the newly installed wells MW-35 and MW-36 located down-gradient of the VOC plumes confirmed that all VOCs were below detection limits at these wells, thereby completing the horizontal delineation of each VOC plume down-gradient of the original VOC foot-print.

Additional analytical data from the newly installed well MW-37 located up-gradient of the VOC plumes has delineated toluene and ethylbenzene up-gradient, as the concentrations of these constituents were below detection limits at MW-37. Analytical results from the MW-37 sample also possibly indicate that the benzene and total xylenes plumes actually extend further up-gradient and towards the southeast from LAW-PZ-8R and onto GAF property. However, delineation of the up-gradient extent of benzene and total xylenes cannot be confirmed until analysis of another sample from MW-37 has been completed.

## 4.4 DETAILED TREND ANALYSIS

In a separate study, EIC will perform a detailed evaluation of the plume stability, mobility, and attenuation rates. In concurrence with EPD, VOPAK will utilize a suitable model to further examine the contaminant flux, rates of degradation, long-range plume stability/reduction, attenuation relative to mass loading, and related processes to reach remedial end points.

SECTION

5

# 5. INDICATOR PARAMETERS

The VIRP proposed monitored natural attenuation (MNA) as a remedy to address the prevailing CVOCs. The plan also outlined certain performance metrics to evaluate the effectiveness of the selected remedy. Spatial and temporal analysis of the COC trends discussed in Section 4 serves as one line of evidence that MNA is effective. EPD, however, requires multiple lines of evidence to demonstrate that the MNA-based remedy is not only effective but sustainable.

Another line of evidence that demonstrates the effectiveness of the MNA program would be a verification of the presence and distribution of geochemical indicators of natural attenuation. To achieve this objective, EIC utilized a down-hole data logger to collect in situ data on various indicator parameters. EIC has successfully completed this task. Explicit discussion on the down-hole MNA indicator parameter evaluation is included in a separate report provided as Appendix A. Considering that the primary indicator parameters such as pH, specific conductivity, ORP, DO, and temperature were close to ideal conditions for reductive dechlorination, the CVOC plume is presently in a favorable environment for natural attenuation.

SECTION

6

# 6. CONCLUSIONS

EIC has addressed EPD comments noted in Section 2. During the last time frame, EIC completed the following objectives pertaining to the well network:

- Located wells IW-1 and IW-2.
- Attempted to locate to the extent possible but did not locate wells IW-5, IW-13, MW-20, MW-21, MW-26, nor MW-28.
- Properly abandoned wells MW-15 and MW-22R.
- Attempted to abandon wells IW-1 and IW-2, however, due to encountering a rhodimet product pipeline at IW-2 and due to the possibility of utilities at IW-1, EIC did not complete the abandonment of IW-2 and left IW-1 in place.
- Installed three new monitoring wells MW-35, MW-36, and MW-37.
- Converted wells MW-27 and LAW-PZ-8R from stick-up to FTG completion.

Based on a trend analysis of the historic monitoring data, the VOC and CVOC plumes appear to be relatively stable or shrinking relative to the baseline sampling event in October 2011. Furthermore, with the addition of two new down-gradient monitoring wells (MW-35 and MW-36) in December 2013, the down-gradient horizontal extent of the COC plumes (above RRS) have been delineated. This also addresses the EPD concern about the extent of VC down-gradient of MW-27. Additionally, the vertical extent of all eight monitored VOC and CVOC plumes above RRS have been delineated.

Analytical results from the groundwater sample collected from a new hydraulically up-gradient well (MW-37 installed in December 2013) has indicated that all four monitored CVOC plumes and the VOC plumes benzene and total xylenes extend further up-gradient and southeast from well LAW-PZ-8R than had previously been depicted prior to the installation of this well. However, until the analytical results of MW-37 are verified during the 2014 second quarterly monitoring event, EIC cannot substantiate this finding.

Evaluation of continuous groundwater monitoring data indicates that the geochemical parameters in the subsurface have favorable conditions for reductive dechlorination of CVOCs. Based on

the trend analysis, it also appears that the VOCs have been cometabolized during the reductive decholorination process.

SECTION

7

# 7. SUMMARY OF HOURS

A monthly summary of hours invoiced for the aforementioned tasks during the period from August 2013 through January 2014 are summarized in Attachment F.

SECTION

8

# 8. REFERENCES


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VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# TABLES

# Table 4-1: October 2013 Well Gauging Data
# VOPAK Terminal Savannah, Savannah, Georgia

| Well ID # (Well Diameter, in.) | TOC Elevation* (ft.) | DTP (ft.) | DTW** (ft.) | Groundwater Surface Elevation (ft.) | Notes |
|---|---|---|---|---|---|
| LAW-PZ-8R (1) | 14.02 | ND | 6.92 | 7.1 | very soft bottom when DTB measurement taken. Probe had black slippery, and gritty substance on tip after DTB, no odor detected. DTB below TOC is 15.88 |
| PAN-MW-9 (2) | 12.59 | ND | 6.66 | 5.93 | soft bottom when DTB taken, samples have orange bacteria in them. DTB below TOC is 14.77 |
| PAN-MW-10 (2) | 13.81 | ND | 10.28 | 3.53 | DTB below TOC is 15.9 |
| MW-14 (2) | 8.86 | ND | 6.17 | 2.69 | DTB below TOC is 49.57 |
| MW-16 (1) | 17.01 | ND | 11.86 | 5.15 | water in tidal flat is completely submerging the sluice gate, DTB below TOC is 14.02 |
| MW-17R (1) | 15.89 | ND | 10.68 | 5.21 | water level is 2.5-3 ft. below high water mark on bulkhead wall in tidal flat, DTB below TOC is 23.96 |
| IW-18 (1) | 10.07 | ND | 3.30 | 6.77 | DTB below TOC is 19.28 |
| MW-18R (1) | 14.12 | ND | 6.97 | 7.15 | DTB below TOC is 16.55 |
| MW-19 (1) | 14.91 | ND | 7.38 | 7.53 | DTB below TOC is 17.96 |
| MW-23 (1) | 10.39 | ND | 4.20 | 6.19 | soft bottom when DTB measurement taken, DTB below TOC is 11.68 |
| MW-24R (1) | 11.81 | ND | 6.32 | 5.49 | DTB below TOC is 18.4 |
| MW-25 (1) | 14.76 | ND | 7.35 | 7.41 | sandy/silty material on probe after depth to bottom reading, orange bacteria on tubing after removal from well, DTB below TOC is 17.91 |
| MW-26R (1) | 10.59 | ND | 3.67 | 6.92 | water is black/grey in cylinder, numerous bubbles in tubing during pumping, DTB below TOC is 14.51 |
| MW-27 (1) | 9.93 | ND | 5.35 | 4.58 | soft bottom when DTB reading taken, some tan colored bacteria in samples, DTB below TOC is 14.41 |
| MW-29 (0.75) | 11.73 | ND | 6.52 | 5.21 | DTB below TOC is 23.15 |
| MW-30 (2) | 11.23 | ND | 5.43 | 5.8 | DTB below TOC is 15.05 |
| MW-31 (2) | 9.67 | ND | NM | NA | |
| MW-32 (2) | 11.70 | ND | 6.66 | 5.04 | black bacteria in first water exiting the horiba, DTB below TOC is 16.41 |
| MW-33 (2) | 8.96 | ND | 2.85 | 6.11 | bluish/grey slime on tip of probe after DTB measurement, slippery with gritty feel to it. DTB below TOC is 14.35 |
| MW-34 (2) | 10.81 | ND | 3.95 | 6.86 | when decontaminating the horiba there were fine red particles in the bottom of the flow through cell, DTB below TOC is 16.34 |

**Notes:**

ID = Identity
TOC = Top of Casing
DTP = Depth to Product below TOC
DTW = Depth to Water below TOC
NA = Not Applicable
NM = Not Measured
ND = Not Detected
*TOC elevations are based on well surveys conducted by EMC Engineering on June 30, 2011 and January 24, 2013, and are of the NGVD 29 Datum convention. TOC elevations for MW-14, MW-26R, MW-27, MW-30, and MW-33 were updated based on corrections to January 2013 survey received 2/11/2014
** DTW measurements were recorded by EIC from 10/1/2013 to 10/03/2013 prior to purging using a Solinst Oil/Water Interface Meter (probe), Model:122.

# Table 4-2: January 2014 Well Gauging Data
# VOPAK Terminal Savannah, Savannah, Georgia

| Well ID # (Well Diameter, in.) | TOC Elevation* (ft.) | DTP (ft.) | DTW** (ft.) | Groundwater Surface Elevation (ft.) | Notes |
|---|---|---|---|---|---|
| LAW-PZ-8R (1) | 9.22 | ND | 1.59 | 7.63 | black bacteria was present on probe after DTW gauging |
| PAN-MW-9 (2) | 12.59 | ND | 6.36 | 6.23 | when casing was opened there was a strong sulfur odor, water is tan in cylinder |
| PAN-MW-10 (2) | 13.81 | ND | 10.31 | 3.50 | samples were very clear |
| MW-14 (2) | 8.86 | ND | 6.72 | 2.14 | water was very clear in tubing and in cylinder |
| MW-16 (1) | 17.01 | ND | 12.61 | 4.40 | tidal flat was completely dry, water was clear in tubing and cylinder |
| MW-17R (1) | 15.89 | ND | 10.57 | 5.32 | water was tan/gray in the cyclinder with large amounts of particulate matter |
| IW-18 (1) | 10.07 | ND | 3.34 | 6.73 | tan bacteria was present on probe after DTW gauging, air bubbles were present in tubing, water has sewer odor |
| MW-18R (1) | 14.12 | ND | 6.57 | 7.55 | |
| MW-19 (1) | 14.91 | ND | 7.05 | 7.86 | water was tan in cyclinder, water contained a large amount of tan bacteria |
| MW-23 (1) | 10.39 | ND | 4.20 | 6.19 | samples were very clear |
| MW-24R (1) | 11.81 | ND | 5.90 | 5.91 | briefly stopped pumping due to leaks in the Horiba from a misaligned o-ring, samples had a small amount of tan bacteria |
| MW-25 (1) | 14.76 | ND | 6.92 | 7.84 | orange/red bacteria was present on probe after DTW gauging, water is tan and cloudy in cylinder |
| MW-26R (1) | 10.59 | ND | 3.11 | 7.48 | probe was clean after DTW gauging and had no bacteria present |
| MW-27 (1) | 9.38 | ND | 4.77 | 4.61 | large amount of tan bacteria on first pull, redirected bacteria from first pull into purge water bucket then reconnected the pump line to the Horiba |
| MW-29 (0.75) | 11.73 | ND | 6.30 | 5.43 | orange bacteria on probe tip after taking DTW reading, large amount of small air bubbles in tubing |
| MW-30 (2) | 11.23 | ND | 5.00 | 6.23 | samples were very clear |
| MW-31 (2) | 9.67 | ND | 5.20 | 4.47 | large amount of tan bacteria on first pull from well |
| MW-32 (2) | 11.70 | ND | 6.47 | 5.23 | first pull from well is clear, no bacteria present |
| MW-33 (2) | 8.96 | ND | 2.72 | 6.24 | black bacteria was present on probe after DTW gauging |
| MW-34 (2) | 10.81 | ND | 3.40 | 7.41 | water appears clear in cyclinder |
| MW-35 (2) | 10.40 | ND | 5.63 | 4.77 | 1/4" of tan bacteria on first pull from well, water was clear after first pull |
| MW-36 (2) | 10.42 | ND | 8.53 | 1.89 | first pull from well is tan in color, no bacteria present, water is tan in cylinder |
| MW-37 (2) | 11.57 | ND | 4.15 | 7.42 | gauged from black mark on high side of TOC, red bacteria was present on probe after DTW reading |

**Notes:**

DTW = Depth to Water below TOC
NA = Not Applicable
NM = Not Measured
ND = Not Detected
*TOC elevations are based on well surveys conducted by EMC Engineering on June 30, 2011, January 24, 2013, and January 20, 2014 and are of the NGVD 29 Datum convention.
** DTW measurements were recorded by EIC from 1/19/2014 to 1/21/2014 prior to purging using a Solinst Oil/Water Interface Meter (probe), Model:122.

# Table 4-3: October 2013 Well Purging Data
# VOPAK Terminal Savannah, Savannah, Georgia

| Well ID # (Well Diameter, in.) | Date of Purge | Purge Time (minutes) | Total Purge Volume (mL) | Average Purge Rate (mL/minutes) | Initial Tubing Intake Depth below TOC* (ft.) | Final Tubing Intake Depth below TOC (ft.) |
|---|---|---|---|---|---|---|
| LAW-PZ-8R (1) | 10/03/13 | 46 | 6200 | 135 | 11.5 | 11.5 |
| PAN-MW-9 (2) | 10/01/13 | 20 | 2800 | 140 | 12 | 12 |
| PAN-MW-10 (2) | 10/02/13 | 15 | 1640 | 109 | 13 | 13 |
| MW-14 (2) | 10/02/13 | 16 | 4340 | 271 | 45 | 45 |
| MW-16 (1) | 10/03/13 | 45 | 1620 | 36 | 13.5 | 13.5 |
| MW-17R (1) | 10/02/13 | 37 | 3480 | 94 | 18 | 18 |
| IW-18 (1) | 10/03/13 | 41 | 2820 | 69 | 15 | 15 |
| MW-18R (1) | 10/01/13 | 33 | 4000 | 121 | 12 | 12 |
| MW-19 (1) | 10/03/13 | 16 | 2240 | 140 | 13 | 13 |
| MW-23 (1) | 10/01/13 | 32 | 4600 | 144 | 8.5 | 8.5 |
| MW-24R (1) | 10/02/13 | 33 | 3660 | 111 | 14 | 14 |
| MW-25 (1) | 10/03/13 | 21 | 3000 | 143 | 14 | 14 |
| MW-26R (1) | 10/03/13 | 36 | 4360 | 121 | 10.5 | 10.5 |
| MW-27 (1) | 10/01/13 | 12 | 1360 | 113 | 13 | 13 |
| MW-29 (0.75) | 10/01/13 | 17 | 2740 | 161 | 19 | 19 |
| MW-30 (2) | 10/03/13 | 15 | 2280 | 152 | 10.5 | 10.5 |
| MW-31 (2) | NS | NS | NS | NS | NS | NS |
| MW-32 (2) | 10/02/13 | 16 | 2500 | 156 | 12 | 12 |
| MW-33 (2) | 10/02/13 | 25 | 3800 | 152 | 11 | 11 |
| MW-34 (2) | 10/02/13 | 20 | 2820 | 141 | 11.5 | 11.5 |

**Notes:**

Water in cylinder is clear. When decontaminating the Horiba, there were fine red particles in the bottom of the flow through cell

ID= Identity
mL= Milliliter
TOC= Well Top of Casing
NS = Well Not Sampled Because Inaccessible Due to Being Covered in Construction Material
During well purging, the Teflon-lined tubing was lowered as needed when the water level dropped to the depth of the intake, causing air to be recovered.

# Table 4-4: January 2014 Well Purging Data
# VOPAK Terminal Savannah, Savannah, Georgia

| Well ID # (Well Diameter, in.) | Date of Purge | Purge Time (minutes) | Total Purge Volume (mL) | Average Purge Rate (mL/minutes) | Initial Tubing Intake Depth below TOC* (ft.) | Final Tubing Intake Depth below TOC (ft.) |
|---|---|---|---|---|---|---|
| LAW-PZ-8R (1) | 1/19/2014 | 43 | 7900 | 184 | 6.5 | 6.5 |
| PAN-MW-9 (2) | 1/19/2014 | 15 | 1600 | 107 | 13 | 13 |
| PAN-MW-10 (2) | 1/19/2014 | 20 | 2300 | 115 | 11.5 | 11.5 |
| MW-14 (2) | 1/19/2014 | 10 | 2920 | 292 | 44.5 | 44.5 |
| MW-16 (1) | 1/20/2014 | 15 | 740 | 49 | 15 | 13.5 |
| MW-17R (1) | 1/21/2014 | 27 | 2340 | 87 | 17 | 17 |
| IW-18 (1) | 1/19/2014 | 27 | 1240 | 46 | 15 | 15 |
| MW-18R (1) | 1/20/2014 | 15 | 1920 | 128 | 11 | 11 |
| MW-19 (1) | 1/20/2014 | 15 | 2050 | 137 | 13 | 13 |
| MW-23 (1) | 1/20/2014 | 15 | 2300 | 153 | 8.5 | 8.5 |
| MW-24R (1) | 1/19/2014 | 15 | 1760 | 117 | 14 | 14 |
| MW-25 (1) | 1/20/2014 | 36 | 4980 | 138 | 14 | 14 |
| MW-26R (1) | 1/20/2014 | 10 | 1400 | 140 | 10 | 10 |
| MW-27 (1) | 1/20/2014 | 15 | 1640 | 109 | 13 | 13 |
| MW-29 (0.75) | 1/19/2014 | 30 | 6200 | 207 | 19 | 19 |
| MW-30 (2) | 1/19/2014 | 11 | 2000 | 182 | 10 | 10 |
| MW-31 (2) | 1/20/2014 | 18 | 2960 | 164 | 15 | 15 |
| MW-32 (2) | 1/21/2014 | 15 | 1880 | 125 | 12 | 12 |
| MW-33 (2) | 1/19/2014 | 10 | 2000 | 200 | 10.5 | 10.5 |
| MW-34 (2) | 1/20/2014 | 16 | 2100 | 131 | 11.5 | 11.5 |
| MW-35 (2) | 1/21/2014 | 11 | 1500 | 136 | 10 | 10 |
| MW-36 (2) | 1/21/2014 | 10 | 860 | 86 | 12 | 12 |
| MW-37 (2) | 1/20/2014 | 17 | 3220 | 189 | 10.5 | 10.5 |

**Notes:**

ID= Identity

mL= Milliliter

TOC= Well Top of Casing

During well purging, the Teflon-lined tubing was lowered as needed when the water level dropped to the depth of the intake, causing air to be recovered.

# Table 4-5: Groundwater Quality Field Parameters for October 2013 Monitoring Event, VOPAK Terminal Savannah, Savannah, Georgia

| Well ID # (Well Diameter, in.) | GroundWater Quality Field Parameters | | | | | |
|---|---|---|---|---|---|---|
| | Temp (Celcius) | pH (SU) | ORP (mV) | Specific Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L) |
| LAW-PZ-8R (1) | 31.52 | 5.63 | -42.00 | 0.910 | 310.00 | 0.36 |
| PAN-MW-9 (2) | 25.93 | 4.93 | 71.00 | 0.670 | 44.40 | 1.87 |
| PAN-MW-10 (2) | 23.33 | 6.08 | 199.00 | 0.451 | 40.60 | 1.87 |
| MW-14 (2) | 22.20 | 7.31 | 7.00 | 0.571 | 9.60 | 0.73 |
| MW-16 (1) | 22.61 | 5.57 | 22.00 | 0.528 | 89.00 | 0.64 |
| MW-17R (1) | 27.23 | 6.15 | -19.00 | 0.280 | 28.80 | 2.09 |
| IW-18 (1) | 27.45 | 4.55 | 89.00 | 1.720 | 65.70 | 0.47 |
| MW-18R (1) | 27.71 | 4.50 | 223.00 | 0.319 | 17.40 | 0.84 |
| MW-19 (1) | 26.66 | 6.10 | 23.00 | 0.950 | 4.10 | 0.82 |
| MW-23 (1) | 27.75 | 6.51 | -15.00 | 0.968 | 36.50 | 0.76 |
| MW-24R (1) | 21.27 | 4.56 | 155.00 | 0.518 | 42.50 | 0.53 |
| MW-25 (1) | 26.99 | 6.08 | -50.00 | 0.947 | 7.10 | 1.18 |
| MW-26R (1) | 28.69 | 5.65 | 31.00 | 0.399 | 9.80 | 0.61 |
| MW-27 (1) | 27.73 | 6.11 | 54.00 | 0.999 | 111.00 | 1.15 |
| MW-29 (0.75) | 23.91 | 4.63 | 105.00 | 1.710 | 153.00 | 0.78 |
| MW-30 (2) | 29.00 | 4.44 | 146.00 | 0.327 | 6.80 | 0.68 |
| MW-31 (2) | NS | NS | NS | NS | NS | NS |
| MW-32 (2) | 27.49 | 4.89 | 101.00 | 1.280 | 7.60 | 0.95 |
| MW-33 (2) | 29.61 | 5.42 | 33.00 | 0.497 | 36.10 | 0.74 |
| MW-34 (2) | 27.35 | 4.47 | 214.00 | 0.208 | 23.50 | 1.29 |

**Notes:**

Field parameters were recorded by EIC from 10/1/2013 to 10/3/2013 after parameters had stabilized and prior to sample collection.

Parameters were measured with a Horiba U-52 Water Quality Meter with a Flow-Through Cell.

ID= Identity
SU= Standard Unit
mV= Millivolts
mS/cm= Microsiemens per centimeter
NTU= Nephelometric Turbidity Unit
mg/L= Milligrams per liter
NS = Well not sampled because inaccessible due to being covered in construction material

## Table 4-6: Groundwater Quality Field Parameters for January 2014 Monitoring Event
## VOPAK Terminal Savannah, Savannah, Georgia

| Well ID # (Well Diameter, in.) | GroundWater Quality Field Parameters | | | | | |
|---|---|---|---|---|---|---|
| | Temp (Celcius) | pH (SU) | ORP (mV) | Specific Conductivity (mS/cm) | Turbidity (NTU) | Dissolved Oxygen (mg/L) |
| LAW-PZ-8R (1) | 17.34 | 6.04 | -73.00 | 0.939 | 390.00 | 0.86 |
| PAN-MW-9 (2) | 19.39 | 6.17 | 43.00 | 0.480 | 0.00 | 2.29 |
| PAN-MW-10 (2) | 15.11 | 4.98 | 56.00 | 0.772 | 19.50 | 1.10 |
| MW-14 (2) | 19.44 | 7.42 | 9.00 | 0.561 | 0.50 | 1.74 |
| MW-16 (1) | 16.07 | 5.82 | 57.00 | 0.581 | 73.00 | 1.16 |
| MW-17R (1) | 18.20 | 6.26 | 47.00 | 0.297 | 25.20 | 1.62 |
| IW-18 (1) | 16.80 | 4.99 | 32.00 | 0.876 | 46.30 | 0.71 |
| MW-18R (1) | 15.45 | 4.19 | 2.85 | 0.339 | 4.70 | 2.96 |
| MW-19 (1) | 18.05 | 6.53 | -15.00 | 1.090 | 4.90 | 3.19 |
| MW-23 (1) | 19.01 | 6.56 | 31.00 | 1.110 | 2.80 | 1.72 |
| MW-24R (1) | 14.87 | 4.71 | 87.00 | 0.513 | 71.50 | 1.18 |
| MW-25 (1) | 18.94 | 6.18 | -33.00 | 0.773 | 6.20 | 1.23 |
| MW-26R (1) | 20.91 | 5.88 | 43.00 | 0.653 | 8.00 | 1.77 |
| MW-27 (1) | 22.03 | 6.25 | 25.00 | 0.893 | 4.20 | 1.48 |
| MW-29 (0.75) | 17.40 | 4.72 | 71.00 | 1.770 | 39.60 | 0.66 |
| MW-30 (2) | 19.84 | 4.62 | 90.00 | 0.317 | 0.00 | 1.66 |
| MW-31 (2) | 21.20 | 6.62 | 18.00 | 1.060 | 0.00 | 1.14 |
| MW-32 (2) | 19.47 | 4.76 | 148.00 | 1.210 | 0.00 | 0.63 |
| MW-33 (2) | 18.52 | 5.45 | 43.00 | 0.494 | 0.00 | 1.35 |
| MW-34 (2) | 19.32 | 4.48 | 166.00 | 0.186 | 2.50 | 1.37 |
| MW-35 (2) | 17.22 | 6.77 | 50.00 | 0.675 | 0.00 | 1.00 |
| MW-36 (2) | 20.99 | 6.51 | -3.00 | 1.410 | 0.00 | 0.83 |
| MW-37 (2) | 17.79 | 5.34 | 120.00 | 0.295 | 41.10 | 1.33 |

**Notes:**

Field parameters were recorded by EIC from 1/19/2014 to 1/21/2014 after parameters had stabilized and prior to sample collection.

Parameters were measured with a Horiba U-52 Water Quality Meter with a Flow-Through Cell.

ID= Identity

SU= Standard Unit

mV= Millivolts

mS/cm= Microsiemens per centimeter

NTU= Nephelometric Turbidity Unit

mg/L= Milligrams per liter

**TABLE 4-7**
**VOPAK**
**Savannah, GA**
**Groundwater Natural Attenuation Parameters (Modified from ERM, 2010)**

| Wells | LAW-PZ-8 / LAW-PZ-8R | PAN MW-9 | PAN-MW-10 | MW-14*[1] | MW-15*[2] | MW-16 | MW-17 / MW-17R | IW-18*[3] | MW-18 / MW-18R | MW-19 | MW-20*[4] | MW-21*[5] | MW-22 / MW-22R*[6] | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27[-7] | MW-29 | MW-30*[8] | MW-31*[9] | MW-32*[10] | MW-33*[11] | MW-34*[12] | MW-35[-14] | MW-36[-14] | MW-37[-14] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **pH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-03 | NS | 5.64 | 6.29 | 7.54 | 8.18 | 5.57 | 3.71 | NS | NS | 6.40 | 6.17 | NS | 4.98 | 6.88 | 4.87 | NS | 4.24 | 5.81 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | 5.66 | 4.43 | 6.42 | 6.60 | 6.97 | 5.27 | 3.99 | NS | NS | 6.15 | 6.40 | 4.03 | 3.94 | 6.35 | 4.70 | 6.21 | 4.35 | 5.62 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | NS | 5.04 | NS | NS | NS | NS | 3.72 | NS | 3.95 | NS | NS | NS | 4.09 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | NS | 5.49 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 4.45 | 4.23 | NS | NS | NS | 4.09 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | NS | 3.54 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 2.88 | 2.74 | NS | NS | NS | 2.60 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | NS | 4.63 | NS | 7.48 | 7.63 | 5.60 | 4.93 | NS | 4.05 | NS | NS | 4.87 | 4.35 | NS | 5.23 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | 4.80 | 5.11 | NS | 8.90 | 11.10 | 6.40 | 5.20 | NS | 4.10 | NS | NS | 4.60 | 3.67 | NS | 5.20 | NS | 5.30 | NS | 5.80 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | 5.38 | 4.52 | NS | 6.67 | 7.15 | 5.45 | 5.95 | NS | 4.45 | NS | NS | 4.61 | 4.04 | NS | 4.58 | NS | 5.21 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | 5.41 | 4.87 | NS | 7.09 | 7.39 | 5.47 | 5.91 | NS | 4.34 | NS | NS | 4.75 | 4.01 | NS | 4.35 | NS | 5.65 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | 4.92 | 4.87 | 6.65 | 7.44 | 7.20 | 5.52 | 6.08 | NS | 4.33 | 6.12 | NS | 4.67 | NS | 6.63 | 4.47 | 6.17 | 5.68 | 6.17 | 4.49 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | 4.62 | 3.39 | NS | 6.60 | NS | 5.27 | 5.61 | NS | 4.27 | NS | NS | NS | 2.44 | NS | 3.74 | NS | 4.94 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | 4.38 | 4.24 | NS | 7.38 | NS | 4.65 | 5.94 | NS | 3.88 | NS | NS | NS | 4.82 | NS | 4.08 | NS | 5.84 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | 4.26 | 3.49 | 5.48 | 6.94 | 6.53 | 5.29 | NS | NS | 3.38 | 5.47 | NS | NS | 4.83 | 6.09 | 4.29 | 5.71 | 4.70 | 5.99 | 4.32 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | 5.41 | 4.21 | NS | 6.55 | NS | 5.87 | 5.98 | NS | 4.89 | NS | NS | NS | 5.16 | NS | 4.54 | NS | 5.95 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | 5.50 | 5.17 | 6.13 | NL | 6.05 | 6.01 | 5.99 | NS | 5.48 | 6.07 | NL | NL | NU | 6.46 | 5.37 | 6.19 | 5.99 | 6.34 | 5.21 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | 5.51 | 5.40 | 6.32 | NL | NU | 4.91 | 6.10 | 4.43 | 4.69 | 6.30 | NL | NL | NU | 6.67 | 4.51 | 6.29 | 5.83 | 6.42 | 4.56 | 4.98 | 6.69 | 5.30 | 5.40 | 4.50 | NI | NI | NI |
| Jan-12 | 5.13 | 3.96 | 5.72 | NL | NU | 5.08 | 5.51 | 4.15 | 4.65 | 5.68 | NL | NL | NU | 6.01 | 4.48 | 5.62 | 5.40 | 5.83 | 4.36 | 4.66 | 5.96 | 4.72 | 5.30 | 4.35 | NI | NI | NI |
| Apr-12 | 5.83 | 4.24 | 6.24 | NL | NU | 5.99 | 6.16 | 4.66 | 4.56 | 6.25 | NL | NL | NU | 6.69 | 4.69 | 6.33 | 5.93 | 6.56 | 4.76 | 5.17 | 6.69 | 5.30 | 5.61 | 4.62 | NI | NI | NI |
| Jul-12 | 5.86 | 5.27 | 6.35 | NL | NU | 5.58 | 6.19 | 4.67 | 4.46 | 6.17 | NL | NL | NU | 6.64 | 4.62 | 6.26 | 5.97 | 6.34 | 4.73 | 5.24 | 6.66 | 5.69 | 5.52 | 4.51 | NI | NI | NI |
| Oct-12 | 5.60 | 4.38 | 6.02 | NL | NU | 5.75 | 6.12 | 4.48 | 5.13 | 6.02 | NL | NL | NU | 6.55 | 4.57 | 6.15 | 5.74 | 6.33 | 4.76 | 4.79 | 6.52 | 4.86 | 5.47 | 4.20 | NI | NI | NI |
| Jan-13 | 5.48 | 4.14 | 5.82 | NS | NU | 4.61 | 6.06 | 4.32 | 4.81 | 5.89 | NL | NL | NU | 6.55 | 4.48 | 5.91 | 5.43 | 6.03 | 4.45 | 4.68 | 6.44 | 4.66 | 5.26 | 4.29 | NI | NI | NI |
| Apr-13 | 5.55 | 4.41 | 6.11 | NS | NU | 5.75 | 6.16 | 4.50 | 4.01 | 5.84 | NL | NL | NU | 6.18 | 4.57 | 6.01 | 5.73 | 5.98 | 4.57 | 4.69 | 6.47 | 4.75 | 5.27 | 4.24 | NI | NI | NI |
| Jul-13 | 5.40 | 4.96 | 6.20 | NS | NU | 5.30 | 5.94 | 4.45 | 4.30 | 6.14 | NL | NL | NU | 6.33 | 4.35 | 6.01 | 5.50 | 5.81 | 4.37 | 4.33 | 6.26 | 4.75 | 5.24 | 4.14 | NI | NI | NI |
| Oct-13 | 5.63 | 4.93 | 6.08 | 7.31 | NU | 5.57 | 6.15 | 4.55 | 4.50 | 6.10 | NL | NL | NU | 6.51 | 4.56 | 6.08 | 5.65 | 6.11 | 4.63 | 4.44 | NS | 4.89 | 5.42 | 4.47 | NI | NI | NI |
| Jan-14 | 6.04 | 4.98 | 6.17 | 7.42 | NU | 5.82 | 6.26 | 4.99 | 4.19 | 6.53 | NL | NL | NU | 6.56 | 4.71 | 6.18 | 5.88 | 6.25 | 4.72 | 4.62 | 6.62 | 4.76 | 5.45 | 4.48 | 6.77 | 6.51 | 5.34 |
| **Temperature (ºC)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-03 | NS | 26.09 | 26.90 | 23.92 | 30.14 | 24.33 | 25.80 | NS | NS | 27.84 | 23.99 | NS | 25.19 | 25.27 | 22.71 | NS | 26.41 | 26.25 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | NS | 17.30 | NS | NS | NS | NS | 21.17 | NS | 19.57 | NS | NS | NS | 18.20 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | NS | 21.35 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 21.40 | 20.91 | NS | NS | NS | 23.00 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | NS | 23.79 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 25.06 | 25.12 | NS | NS | NS | 26.79 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | NS | 22.45 | NS | 22.76 | 24.08 | 24.45 | 26.75 | NS | 27.12 | NS | NS | 22.97 | 24.20 | NS | 24.20 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | 23.00 | 24.39 | NS | 21.00 | 21.00 | 23.00 | 24.73 | NS | 26.16 | NS | NS | 23.00 | 24.60 | NS | 21.00 | NS | 26.00 | NS | 20.00 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | 20.05 | 21.54 | NS | 22.01 | 23.60 | 22.16 | 23.72 | NS | 21.80 | NS | NS | 22.98 | 22.02 | NS | 20.63 | NS | 21.93 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | 18.71 | 19.21 | NS | 21.71 | 22.29 | 19.95 | 24.45 | NS | 19.22 | NS | NS | 20.44 | 20.68 | NS | 18.79 | NS | 20.68 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | 28.90 | 24.78 | 27.40 | 21.93 | 25.83 | 24.99 | 28.95 | NS | 27.37 | 27.84 | NS | 27.46 | NS | 26.80 | 23.67 | 28.31 | 31.12 | 27.03 | 24.67 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | 25.70 | 19.38 | NS | 20.77 | NS | 20.15 | 25.25 | NS | 22.82 | NS | NS | NS | 22.78 | NS | 20.65 | NS | 24.69 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | 21.05 | 19.97 | NS | 20.71 | NS | 21.40 | 22.06 | NS | 21.81 | NS | NS | NS | 20.91 | NS | NS | NS | 22.22 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | 22.14 | 18.49 | 19.94 | 21.34 | 21.84 | 20.06 | 21.40 | NS | 19.76 | 18.93 | NS | NS | 20.94 | 17.84 | 18.90 | 21.24 | 21.08 | 18.92 | 20.77 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | 30.96 | 26.51 | NS | 22.64 | NS | 27.23 | 26.48 | NS | 27.32 | NS | NS | NS | 27.10 | NS | 25.60 | NS | 29.67 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | 24.02 | 20.28 | 21.43 | NL | 24.13 | 20.48 | 23.17 | NS | 21.14 | 20.64 | NL | NL | NU | 20.27 | 19.16 | 21.32 | 22.57 | 20.74 | 19.08 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | 26.05 | 23.70 | 24.89 | NL | NU | 22.08 | 23.97 | 29.24 | 26.72 | 24.54 | NL | NL | NU | 23.08 | 23.68 | 25.30 | 27.49 | 25.44 | 24.45 | 25.58 | 23.18 | 26.20 | 23.80 | 25.72 | NI | NI | NI |
| Jan-12 | 20.79 | 19.65 | 20.89 | NL | NU | 18.59 | 23.41 | 22.95 | 20.81 | 22.22 | NL | NL | NU | 21.82 | 17.70 | 22.63 | 21.07 | 22.32 | 19.03 | 20.54 | 22.01 | 22.40 | 20.25 | 19.47 | NI | NI | NI |
| Apr-12 | 23.09 | 23.17 | 26.64 | NL | NU | 23.68 | 27.34 | 25.44 | 25.84 | 24.85 | NL | NL | NU | 20.29 | 22.30 | 26.44 | 27.38 | 20.82 | 24.17 | 27.17 | 20.46 | 25.45 | 22.48 | 22.60 | NI | NI | NI |
| Jul-12 | 33.91 | 31.11 | 31.53 | NL | NU | 33.48 | 35.60 | 34.55 | 32.97 | 29.91 | NL | NL | NU | 28.20 | 29.86 | 32.51 | 34.06 | 30.01 | 27.95 | 33.00 | 28.98 | 32.94 | 28.74 | 30.92 | NI | NI | NI |
| Oct-12 | 24.30 | 21.02 | 25.53 | NL | NU | 14.18 | 21.21 | 24.12 | 22.29 | 19.30 | NL | NL | NU | 21.20 | 17.54 | 24.53 | 25.27 | 21.90 | 17.61 | 24.90 | 19.79 | 24.21 | 22.39 | 18.35 | NI | NI | NI |
| Jan-13 | 20.33 | 16.00 | 20.17 | NS | NU | 15.61 | 20.11 | 22.72 | 19.33 | 14.72 | NL | NL | NU | 17.83 | 17.17 | 20.67 | 19.61 | 18.05 | 14.61 | 20.39 | 18.44 | 21.17 | 18.50 | 21.00 | NI | NI | NI |
| Apr-13 | 23.34 | 26.36 | 20.75 | NS | NU | 25.27 | 25.08 | 25.65 | 20.10 | 22.19 | NL | NL | NU | 21.27 | 18.95 | 22.59 | 23.25 | 22.64 | 19.12 | 21.22 | 20.72 | 21.16 | 24.40 | 22.15 | NI | NI | NI |
| Jul-13 | 29.49 | 27.45 | 25.66 | NS | NU | 24.75 | 23.31 | 26.51 | 25.72 | 24.66 | NL | NL | NU | 23.57 | 25.12 | 24.59 | 26.51 | 24.25 | 22.57 | 26.07 | 21.95 | 25.16 | 23.78 | 24.98 | NI | NI | NI |
| Oct-13 | 31.52 | 25.93 | 23.33 | 22.20 | NU | 22.61 | 27.23 | 27.45 | 27.71 | 26.66 | NL | NL | NU | 27.75 | 21.27 | 26.99 | 28.69 | 27.73 | 27.40 | 29.00 | NS | 27.49 | 29.61 | 27.35 | NI | NI | NI |
| Jan-14 | 17.34 | 15.11 | 19.39 | 19.44 | NU | 16.07 | 18.20 | 16.80 | 15.45 | 18.05 | NL | NL | NU | 19.01 | 14.87 | 18.94 | 20.91 | 22.03 | 17.40 | 19.84 | 21.20 | 19.47 | 18.52 | 19.32 | 17.22 | 20.99 | 17.79 |

**TABLE 4-7**
**VOPAK**
**Savannah, GA**
**Groundwater Natural Attenuation Parameters (Modified from ERM, 2010)**

| Wells | LAW-PZ-8 / LAW-PZ-8R | PAN MW-9 | PAN-MW-10 | MW-14*[1] | MW-15*[2] | MW-16 | MW-17 / MW-17R | IW-18*[3] | MW-18 / MW-18R | MW-19 | MW-20*[4] | MW-21*[5] | MW-22 / MW-22R*[6] | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27[7] | MW-29 | MW-30*[8] | MW-31*[9] | MW-32*[10] | MW-33*[11] | MW-34*[12] | MW-35[14] | MW-36[14] | MW-37[14] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Dissolved Oxygen, mg/L** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-03 | NS | 0.51 | 0.45 | 0.39 | 0.70 | 0.79 | 0.36 | NS | NS | 0.49 | 1.44 | NS | 0.57 | 0.35 | 0.55 | NS | 2.14 | 0.33 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | NS | 0.13 | NS | NS | NS | NS | 0.19 | NS | 0.17 | NS | NS | NS | 0.17 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | NS | 0.11 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 1.73 | 0.43 | NS | NS | NS | 0.36 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | NS | 0.11 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0.16 | 0.42 | NS | NS | NS | 0.12 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | NS | 0.30 | NS | 22.40 | 3.50 | 7.18 | 2.14 | NS | 1.53 | NS | NS | 0.81 | 1.04 | NS | 7.86 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | NS | 3.75 | NS | 2.80 | 4.40 | 6.50 | 1.86 | NS | 0.88 | NS | NS | 2.70 | 0.81 | NS | 5.00 | NS | 1.60 | NS | 11.20 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | 0.68 | 0.14 | NS | 6.04 | 3.76 | 1.49 | 1.56 | NS | 1.09 | NS | NS | 0.41 | 3.15 | NS | 2.03 | NS | 0.69 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | 1.48 | 19.69 | NS | 2.98 | 4.39 | 6.13 | 11.22 | NS | 0.42 | NS | NS | 7.35 | 2.25 | NS | 114.19 | NS | 0.70 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | 0.92 | 4.92 | 4.23 | 5.35 | 5.80 | 0.79 | 3.64 | NS | 1.24 | 1.88 | NS | 2.38 | NS | 2.11 | 0.54 | 1.49 | 1.46 | 1.13 | 2.59 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | 1.07 | 4.02 | NS | 2.38 | NS | 5.71 | 2.47 | NS | 2.32 | NS | NS | NS | 0.89 | NS | 1.63 | NS | 2.15 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | 0.41 | 34.00 | NS | 1.61 | NS | 2.00 | 3.31 | NS | 1.10 | NS | NS | NS | 5.68 | NS | 2.53 | NS | 0.69 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | 0.24 | 0.62 | 0.38 | 3.89 | 0.84 | 3.22 | 0.94 | NS | 1.34 | 0.64 | NS | NS | 1.32 | 0.68 | 0.83 | 0.54 | 0.46 | 0.82 | 1.16 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | 1.88 | 1.38 | NS | 2.44 | NS | 120.00 | 3.02 | NS | 1.24 | NS | NS | NS | 36.00 | NS | 1.00 | NS | 107.00 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | 1.38 | 2.98 | 1.83 | NL | 1.75 | 1.81 | 1.49 | NS | 9.00 | 2.03 | NL | NL | NU | 1.98 | 2.99 | 2.09 | 1.86 | 3.42 | 2.20 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | 0.00 | 0.79 | 0.00 | NL | NU | 0.00 | 3.69 | 0.00 | 0.00 | 1.14 | NL | NL | NU | 0.00 | 0.00 | 0.00 | 0.00 | 3.39 | 0.00 | 0.00 | 5.10 | 0.32 | 0.00 | 0.43 | NI | NI | NI |
| Jan-12 | 0.33 | 3.62 | 0.00 | NL | NU | 0.05 | 0.21 | 0.00 | 0.07 | 0.08 | NL | NL | NU | 0.51 | 0.00 | 0.00 | 0.00 | 7.28 | 0.00 | 0.00 | 0.07 | 1.17 | 0.00 | 0.03 | NI | NI | NI |
| Apr-12 | 0.34 | 2.27 | 1.62 | NL | NU | 0.59 | 0.38 | 0.07 | 0.15 | 0.16 | NL | NL | NU | 0.37 | 0.56 | 0.20 | 0.23 | 7.33 | 1.29 | 0.25 | 0.33 | 0.17 | 0.93 | 0.03 | NI | NI | NI |
| Jul-12 | 0.00 | 0.47 | 0.52 | NL | NU | 1.77 | 0.74 | 0.13 | 0.34 | 5.04 | NL | NL | NU | 1.70 | 0.04 | 0.26 | 0.29 | 0.90 | 0.00 | 0.00 | 0.76 | 1.78 | 0.38 | 3.82 | NI | NI | NI |
| Oct-12 | 1.19 | 1.73 | 1.00 | NL | NU | 1.59 | 5.36 | 0.83 | 1.01 | 2.06 | NL | NL | NU | 1.36 | 1.33 | 1.13 | 0.86 | 7.69 | 8.36 | 3.15 | 1.54 | 3.99 | 1.42 | 2.21 | NI | NI | NI |
| Jan-13 | 0.40 | 1.58 | 0.80 | NS | NU | 8.36 | 7.42 | 2.10 | 0.54 | 0.90 | NL | NL | NU | 4.18 | 0.59 | 4.26 | 0.53 | 7.46 | 0.81 | 0.56 | 0.55 | 0.63 | 0.52 | 0.65 | NI | NI | NI |
| Apr-13 | 0.46 | 0.59 | 1.39 | NS | NU | 0.61 | 2.84 | 0.46 | 0.68 | 0.57 | NL | NL | NU | 0.72 | 0.70 | 0.72 | 0.67 | 5.64 | 1.14 | 0.77 | 0.94 | 0.84 | 0.43 | 0.66 | NI | NI | NI |
| Jul-13 | 0.53 | 0.54 | 2.81 | NS | NU | 1.09 | 2.72 | 0.50 | 0.55 | 0.57 | NL | NL | NU | 0.99 | 0.58 | 0.74 | 0.54 | 0.78 | 0.70 | 0.61 | 0.72 | 0.56 | 2.92 | 0.82 | NI | NI | NI |
| Oct-13 | 0.36 | 1.87 | 1.87 | 0.73 | NU | 0.64 | 2.09 | 0.47 | 0.84 | 0.82 | NL | NL | NU | 0.76 | 0.53 | 1.18 | 0.61 | 1.15 | 0.78 | 0.68 | NS | 0.95 | 0.74 | 1.29 | NI | NI | NI |
| Jan-14 | 0.86 | 1.10 | 2.29 | 1.74 | NU | 1.16 | 1.62 | 0.71 | 2.96 | 3.19 | NL | NL | NU | 1.72 | 1.10 | 1.23 | 1.77 | 1.48 | 0.66 | 1.66 | 1.14 | 0.63 | 1.35 | 1.37 | 1.00 | 0.83 | 1.33 |
| **Conductivity, ms/cm** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-03 | NS | 0.341 | 0.404 | 0.373 | 0.384 | 0.302 | 4.170 | NS | NS | 0.423 | 0.292 | NS | 0.649 | 0.532 | 0.317 | NS | 0.227 | 0.217 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | NS | 0.340 | NS | NS | NS | NS | 2.860 | NS | 0.310 | NS | NS | NS | 0.570 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | NS | 0.310 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0.145 | 0.377 | NS | NS | NS | 23.000 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | NS | 0.326 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 0.215 | 0.483 | NS | NS | NS | 0.324 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | NS | 0.585 | NS | 0.470 | 0.481 | 0.319 | 2.587 | NS | 0.308 | NS | NS | 12.525 | 3.515 | NS | 0.262 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | 0.001 | 0.575 | NS | 0.400 | 0.410 | 0.310 | 0.429 | NS | 0.235 | NS | NS | 0.500 | 6.943 | NS | 0.340 | NS | 0.460 | NS | 0.740 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | 0.609 | 0.490 | NS | 0.451 | 0.217 | 0.322 | 0.790 | NS | 0.122 | NS | NS | 0.408 | 5.162 | NS | 0.743 | NS | 0.476 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | 0.618 | 0.401 | NS | 0.465 | 0.480 | 0.419 | 0.872 | NS | 0.150 | NS | NS | 0.854 | 5.809 | NS | 1.303 | NS | 0.443 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | 0.333 | 1.440 | 0.560 | 0.451 | 0.134 | 0.407 | 0.726 | NS | 0.212 | 0.209 | NS | 0.468 | NS | 0.220 | 1.554 | 0.300 | 0.444 | 0.487 | 0.694 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | 0.809 | 1.004 | NS | 0.454 | NS | 0.382 | 0.857 | NS | 0.296 | NS | NS | NS | 4.940 | NS | 0.996 | NS | 0.519 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | 0.606 | 1.282 | NS | 0.406 | NS | 0.418 | 0.525 | NS | 0.270 | NS | NS | NS | 1.279 | NS | 0.406 | NS | 0.395 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | 0.779 | 1.053 | 0.334 | 0.442 | 1.100 | 0.486 | 0.579 | NS | 0.250 | 0.624 | NS | NS | 1.530 | 1.049 | 0.629 | 0.397 | 0.810 | 0.626 | 0.618 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | 0.718 | 0.947 | NS | 0.480 | NS | 0.572 | 0.513 | NS | 0.273 | NS | NS | NS | 1.074 | NS | 0.548 | NS | 0.647 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | 0.824 | 1.816 | 0.394 | NL | 0.615 | 0.612 | 0.566 | NS | 0.291 | 0.941 | NL | NL | NU | 1.126 | 0.649 | 0.524 | 0.674 | 1.087 | 2.078 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | 0.930 | 0.407 | 0.530 | NL | NU | 0.397 | 0.514 | 1.490 | 0.305 | 0.824 | NL | NL | NU | 1.200 | 0.534 | 0.699 | 0.391 | 0.639 | 1.460 | 0.192 | 1.340 | 1.080 | 0.559 | 0.208 | NI | NI | NI |
| Jan-12 | 0.621 | 0.835 | 0.253 | NL | NU | 0.302 | 0.392 | 1.390 | 0.194 | 0.602 | NL | NL | NU | 0.759 | 0.335 | 0.671 | 0.725 | 0.660 | 1.480 | 0.148 | 0.992 | 0.858 | 0.418 | 0.160 | NI | NI | NI |
| Apr-12 | 0.901 | 1.170 | 0.436 | NL | NU | 0.451 | 0.642 | 1.540 | 0.265 | 0.887 | NL | NL | NU | 1.130 | 0.525 | 1.060 | 0.660 | 0.817 | 1.620 | 0.218 | 1.310 | 1.060 | 0.519 | 0.206 | NI | NI | NI |
| Jul-12 | 0.682 | 0.404 | 0.422 | NL | NU | 0.306 | 0.404 | 1.360 | 0.243 | 0.686 | NL | NL | NU | 0.846 | 0.426 | 0.814 | 0.350 | 0.407 | 1.430 | 0.191 | 0.889 | 0.687 | 0.393 | 0.150 | NI | NI | NI |
| Oct-12 | 0.789 | 0.997 | 0.352 | NL | NU | 0.492 | 0.398 | 1.610 | 0.319 | 0.962 | NL | NL | NU | 1.050 | 0.514 | 0.877 | 0.522 | 0.774 | 1.830 | 0.200 | 1.190 | 1.250 | 0.511 | 0.207 | NI | NI | NI |
| Jan-13 | 0.902 | 1.180 | 0.344 | NS | NU | 0.288 | 0.350 | 1.520 | 0.295 | 1.020 | NL | NL | NU | 0.980 | 0.458 | 1.460 | 1.100 | 0.904 | 1.750 | 0.212 | 1.120 | 1.260 | 0.455 | 0.201 | NI | NI | NI |
| Apr-13 | 0.881 | 0.875 | 0.444 | NS | NU | 0.517 | 0.268 | 1.370 | 0.286 | 0.961 | NL | NL | NU | 1.030 | 0.470 | 1.240 | 0.590 | 0.828 | 1.640 | 0.272 | 1.020 | 1.200 | 0.384 | 0.186 | NI | NI | NI |
| Jul-13 | 1.060 | 0.672 | 0.720 | NS | NU | 0.538 | 0.310 | 1.070 | 0.338 | 1.060 | NL | NL | NU | 0.895 | 0.600 | 0.757 | 0.463 | 1.070 | 1.740 | 0.292 | 1.170 | 1.150 | 0.487 | 0.209 | NI | NI | NI |
| Oct-13 | 0.910 | 0.670 | 0.451 | 0.571 | NU | 0.528 | 0.280 | 1.720 | 0.319 | 0.950 | NL | NL | NU | 0.968 | 0.518 | 0.947 | 0.399 | 0.999 | 1.710 | 0.327 | NS | 1.280 | 0.497 | 0.208 | NI | NI | NI |
| Jan-14 | 0.939 | 0.772 | 0.480 | 0.561 | NU | 0.581 | 0.297 | 0.876 | 0.339 | 1.090 | NL | NL | NU | 1.110 | 0.513 | 0.773 | 0.653 | 0.893 | 1.770 | 0.317 | 1.060 | 1.210 | 0.494 | 0.186 | 0.675 | 1.410 | 0.295 |

**TABLE 4-7**
**VOPAK**
**Savannah, GA**
**Groundwater Natural Attenuation Parameters (Modified from ERM, 2010)**

| Wells | LAW-PZ-8 / LAW-PZ-8R | PAN MW-9 | PAN-MW-10 | MW-14*1 | MW-15*2 | MW-16 | MW-17 / MW-17R | IW-18*3 | MW-18 / MW-18R | MW-19 | MW-20*4 | MW-21*5 | MW-22 / MW-22R*6 | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27*7 | MW-29 | MW-30*8 | MW-31*9 | MW-32*10 | MW-33*11 | MW-34*12 | MW-35*14 | MW-36*14 | MW-37*14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ORP, mv** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-03 | NS | -180.0 | -6.0 | -153.0 | -164.0 | -26.0 | -22.0 | NS | NS | 6.0 | 22.0 | NS | 16.0 | 134.0 | 178.0 | NS | 323.0 | 75.0 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | NS | 142.7 | NS | NS | NS | NS | 67.7 | NS | 233.9 | NS | NS | NS | 208.9 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | NS | 66.9 | NS | NS | NS | NS | NS | NS | NS | NS | NS | 25.5 | 169.5 | NS | NS | NS | 231.6 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | NS | -112.6 | NS | NS | NS | NS | NS | NS | NS | NS | NS | -18.1 | 146.1 | NS | NS | NS | 223.3 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | NS | -21.6 | NS | 44.7 | NS | 31.2 | 32.1 | NS | 332.2 | NS | NS | -69.6 | 38.6 | NS | 78.4 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | NS | -227.7 | NS | NS | NS | NS | -96.1 | NS | 244.9 | NS | NS | NS | 85.2 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | -151.8 | -184.4 | NS | -181.2 | -179.4 | -156.1 | -182.3 | NS | -154.8 | NS | NS | -154.3 | -178.9 | NS | -146.4 | NS | -156.2 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | -203.2 | -179.5 | NS | -81.5 | -189.1 | -63.3 | -156.3 | NS | 226.3 | NS | NS | -187.8 | -87.0 | NS | -101.7 | NS | -204.5 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | -11.4 | -29.6 | 103.3 | 66.2 | -148.6 | -25.8 | -77.3 | NS | 312.2 | 4.9 | NS | -62.7 | NS | -102.5 | 37.3 | -103.4 | -72.0 | 48.3 | 48.1 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | 139.7 | 163.7 | NS | 353.9 | NS | 60.0 | -26.5 | NS | 317.0 | NS | NS | NS | 300.4 | NS | 199.9 | NS | 34.4 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | -4.3 | 35.0 | NS | -47.9 | NS | 23.1 | -50.3 | NS | 338.7 | NS | NS | NS | -104.9 | NS | 120.2 | NS | -104.6 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | 18.2 | 91.8 | -23.5 | 49.3 | -53.2 | 10.2 | -97.6 | NS | 446.0 | -19.3 | NS | NS | -24.2 | -101.0 | 132.0 | -132.0 | -23.2 | 8.9 | -31.3 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | -139.0 | -119.0 | NS | -8.2 | NS | 59.6 | -89.4 | NS | 81.3 | NS | NS | NS | -111.0 | NS | 120.0 | NS | -19.1 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | 48.7 | 118.0 | -5.6 | NL | -24.2 | 15.9 | -64.4 | NS | 150.4 | -7.8 | NL | NL | NU | -74.0 | 118.0 | -102.0 | 42.8 | 18.2 | -12.7 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | 94 | 99 | 183 | NL | NU | 182 | 83 | 201 | 368 | 192 | NL | NL | NU | 159 | 237 | 41 | 86 | 176 | 163 | 141 | 148 | 127 | 113 | 385 | NI | NI | NI |
| Jan-12 | -45 | 46 | 58 | NL | NU | -11 | -72 | 78 | 290 | 71 | NL | NL | NU | -47 | 96 | -99 | -59 | 41 | 19 | 18 | 4 | 36 | -43 | 232 | NI | NI | NI |
| Apr-12 | -121 | -52 | 36 | NL | NU | -52 | -136 | 34 | 313 | 65 | NL | NL | NU | -53 | 77 | -120 | -119 | 5 | -64 | -145 | 0 | -98 | -110 | 197 | NI | NI | NI |
| Jul-12 | -109 | -132 | 98 | NL | NU | -104 | -100 | 40 | 327 | 44 | NL | NL | NU | -73 | -1 | -113 | -66 | 24 | -92 | -135 | -15 | -57 | -137 | 223 | NI | NI | NI |
| Oct-12 | -75 | -18 | 95 | NL | NU | -34 | -76 | 42 | 215 | 56 | NL | NL | NU | -22 | 85 | -110 | -81 | 6 | -2 | -11 | -2 | -94 | -133 | 344 | NI | NI | NI |
| Jan-13 | -84 | 20 | 128 | NS | NU | 7 | -93 | 44 | 3 | 41 | NL | NL | NU | -82 | 94 | -101 | -54 | 42 | 26 | 17 | 34 | -29 | -47 | 248 | NI | NI | NI |
| Apr-13 | 23 | 32 | 223 | NS | NU | -49 | -9 | 146 | -436 | 141 | NL | NL | NU | 52 | 70 | -51 | 20 | 150 | -24 | 75 | 75 | -74 | -65 | 329 | NI | NI | NI |
| Jul-13 | -46 | 0 | 217 | NS | NU | -1 | -28 | 72 | 369 | 29 | NL | NL | NU | -3 | 103 | -75 | -21 | 63 | 91 | 108 | 19 | 81 | -5 | 259 | NI | NI | NI |
| Oct-13 | -42 | 71 | 199 | 7.00 | NU | 22 | -19 | 89 | 223 | 23 | NL | NL | NU | -15 | 155 | -50 | 31 | 54 | 105 | 146 | NS | 101 | 33 | 214 | NI | NI | NI |
| Jan-14 | -73 | 56 | 43 | 9.00 | NU | 57 | 47 | 32 | 285 | -15 | NL | NL | NU | 31 | 87 | -33 | 43 | 25 | 71 | 90 | 18 | 148 | 43 | 166 | 50 | -3 | 120 |

**Notes:**

All parameters measurements listed, beginning on October 2011, were recorded after parameters had stablized and prior to sample collection, utilizing a Horiba U-52 water quality measuring device.
NS = Not sampled
NL= Not Located
NU= Located but Not Used due to being silted up
NI = Well Not Yet Installed
LAW-PZ-8 was found damaged during June 2006 sampling event and was not sampled. It was replaced by LAW-PZ-8R on October 9, 2006
MW-17 was replaced by MW-17R on October 10, 2006
MW-26 was replaced by MW-26R on October 9, 2006
*1 MW-14 was located by surveyors on January 24, 2013. To be sampled pending redevelopment
*2 MW-15 was filled with silt above water level and could not be used
*3 IW-18 was ultilized as a replacement for MW-15 on October 2011
*4 MW-20 was not located (possibly paved over)
*5 MW-21 was not located
*6 MW-22 was filled with silt and could not be sampled
*7 MW-27 was not possitively identified but is assumed.
*8 MW-28 was not located
*9 MW-30 was installed as a replacement for MW-21 on April 6, 2011
*10 MW-31 was installed as a replacement on April 28, 2011 for MW-27 and lies approximately where MW-27 had been shown on previous site maps
*11 MW-32 was installed as a replacement for MW-20 on April 25, 2011
*12 MW-33 was installed as a replacement for MW-22 on April 28, 2011
*13 MW-34 was installed as a replacement for MW-28 on April 26, 2011
*14 MW-35, MW-36, MW-37 were installed on December 16 and 17 2013
All data prior to October 2011 tabulated by ERM.

# TABLE 4-8
# VOPAK
# Savannah, Ga.
# Chemical Concentrations of Volatile Organic Compounds (CVOCs and VOCs) in Ground Water Samples (Modified from ERM, 2010)

| | Units | Method | Type 3 or 4 RRS | LAW-PZ-8 / LAW-PZ-8R | PAN-MW-9 | PAN-MW-10 | MW-14[*1] | MW-15[*2] | MW-16 | MW-17 / MW-17R | IW-18[*3] | MW-18 / MW-18R | MW-19 | MW-20[*4] | MW-21[*5] | MW-22 / MW-22R[*6] | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27[*7] | MW-28[*8] | MW-29 | MW-30[*9] | MW-31[*10] | MW-32[*11] | MW-33[*12] | MW-34[*13] | MW-35[*14] | MW-36[*14] | MW-37[*14] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene (PCE)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-91 | ug/L | 624 | 5 | NS | 14,000 | 37 | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-91 | ug/L | 600 | 5 | NS | 9,200 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-96 | ug/L | 8260 | 5 | NR | 3,040 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-97 | ug/L | 8260 | 5 | 50/500 | 8,100 | 10 | 33 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-98 | ug/L | 8021 | 5 | < 1000 | 7,400 | < 1 | < 1 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-99 | ug/L | 8260 | 5 | NS | NS | < 5 | < 5 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-99 | ug/L | 8260 | 5 | NS | 9,100 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 5 | < 250 | 8,000 | < 1 | < 1 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 5 | < 1200 | 9,800 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | < 5 | < 5 | 8,700 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 400 | < 5 | 2,400 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 5 | NS | 2,400 | < 5 | < 5 | 5.3 | < 5 | < 5 | NS | NS | < 5 | < 5 | NS | 1,000 | < 5 | 97 | NS | 300 | < 5 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 5 | 70 J | NS | NS | NS | NS | NS | NS | NS | < 1 | NS | NS | 120 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 5 | NS | 6,900 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 7,600 | 760 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 5 | NS | 3,200 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 7,000 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 5 | NS | 6,000 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 7,200 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 5 | NS | 1,100 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | 5,700 | NS | NS | NS | 120 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 5 | NS | 80 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | 2,400 | NS | NS | NS | 420 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 5 | NS | 1,600 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | 12 | 680 | NS | 1,300 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 5 | 300 | 1,500 | NS | < 2 | < 2 | < 2 | < 5 | NS | < 5 | NS | NS | < 2 | 2,600 | NS | 580 | NS | < 2 | NS | NS | 1,500 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 5 | 240 | 1,900 | NS | < 2 | 12 | < 2 | < 2 | NS | < 2 | NS | NS | < 2 | 3,200 | NS | 1,110 | NS | 6 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 5 | < 250 | 600 | NS | <5 | < 5 | 9 | < 5 | NS | < 5 | NS | NS | < 5 | 3,400 | NS | 130 | | 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 5 | 240 | 1,500 | < 2 | < 2 | < 3 | < 2 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | 62 | < 2 | 2 | 3 | NS | 2,300 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 5 | 380 | 510 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | 6,900 | NS | 130 | NS | 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 5 | 570 | 540 | NS | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | NS | NS | 4,400 | NS | 110 | NS | 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 5 | 510 | 460 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | NS | 1,900 | < 2 | 93 | < 5 | < 5 | < 5 | NS | 1,100 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 5 | 99 | 440 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | 3,000 | NS | 57 | NS | < 2 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | ug/L | 8260 | 5 | 240 | 710 | < 5 | NS | < 5 | < 5 | NS | NS | < 5 | < 5 | NS | NS | NS | < 5 | 35 | < 5 | < 5 | < 5 | NS | 500 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 5 | 150 | 350 | 0.79 J | NL | NU | 0.57 J | < 1 | 55 | < 1 | < 1 | NL | NL | NU | < 1 | 12 | < 1 | < 1 | 0.86 J | NL | 180 | 0.51 J | < 1 | 7.2 J | 5,200 | 2.2 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 5 | 130 J | 690 | < 1 | NL | NU | 0.67 J | < 1 | 48 J | < 1 | < 1 | NL | NL | NU | < 1 | 7.5 | < 1 | < 25 | 0.17 J | NL | 200 | 0.18 J | < 1 | 130 | 1,100 | 13 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 5 | 99 J | 280 | < 1 | NL | NU | < 1 | < 1 | 44 J | < 1 | < 1 | NL | NL | NU | < 1 | 6.8 | 0.27 J | < 25 | 0.26 J | NL | 100 | 0.19 J | < 1 | 210 | 13 | 4.3 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 5 | 110 J | 37 | < 1 | NL | NU | 0.28 J | 1.3 | 31 J | < 1 | < 1 | NL | NL | NU | < 1 | 6.7 | < 1 | < 5 | < 1 | NL | 110 | 0.45 J | < 1 | 200 | 40 J | 2.3 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 5 | 83 | 210 | < 1 | NL | NU | < 2 | 16 | 36 J | < 1 | < 1 | NL | NL | NU | < 1 | 6.0 | < 1 | < 50 | < 1 | NL | 71 | < 1 | < 1 | 1700 | 37 | 4.9 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 5 | 99 | 540 | < 1 | NL | NU | < 1 | < 1 | 43 J | < 1 | < 1 | NL | NL | NU | < 1 | 3.0 J | < 1 | 27 J | 0.36 J | NL | 110 | 0.20 J | < 1 | 2,800 | 5.9 | 8.6 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 5 | 71 | 240 | < 0.22 | NS | NU | < 0.22 | 4.1 | 42 | < 0.22 | < 0.22 | NL | NL | NU | < 0.22 | 3.5 | < 0.22 | 5.0 J | < 0.22 | NL | 130 | 0.32 J | < 0.22 | 2,800 | 1.2 | 2.7 | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 5 | 30 | 55 | < 0.16 | NS | NU | < 0.16 | < 0.16 | 27 | < 0.16 | < 0.16 | NL | NL | NU | < 0.16 | 5.3 | < 0.16 | < 1.6 | < 0.16 | NL | 120 | < 0.16 | < 0.16 | 2,200 | 15 | 3.0 | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 5 | 44 | 29 | < 0.16 | < 0.16 | NU | 0.58 J | < 0.16 | 29 | < 0.16 | < 0.16 | NL | NL | NU | < 0.16 | 3.3 | < 0.16 | < 1.6 | < 0.16 | NL | 140 | < 0.16 | NA | 6,200 | 1.2 | 6.1 | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 5 | 38 | 17 | < 0.16 | < 0.16 | NU | < 0.16 | < 0.16 | 19 | < 0.16 | < 0.16 | NL | NL | NU | < 0.16 | 2.6 | < 0.16 | < 1.6 | < 0.16 | NL | 330 | < 0.16 | < 0.16 | 6,500 | <1.6 | 2.4 | < 0.16 | < 0.16 | 30.0 |
| **Trichloroethene (TCE)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-91 | ug/L | 624 | 5 | NS | 350 | < 5 | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-91 | ug/L | 600 | 5 | NS | 430 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-96 | ug/L | 8260 | 5 | NR | < 2500 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-97 | ug/L | 8260 | 5 | NR | NR | NR | NR | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-98 | ug/L | 8021 | 5 | NR | NR | NR | NR | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-99 | ug/L | 8260 | 5 | NS | NS | < 5 | < 5 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-99 | ug/L | 8260 | 5 | NS | < 1000 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 5 | < 250 | 360 | < 1 | < 1 | NS | < 1 | < 1 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 5 | < 1200 | 260 J | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | < 5 | < 5 | 900 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 95 | < 5 | 100 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 5 | NS | < 500 | < 5 | < 5 | 14 | < 5 | < 5 | NS | NS | < 5 | < 5 | NS | 480 | < 5 | 51 | NS | 14 | < 5 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 5 | 18 J | NS | NS | NS | NS | NS | NS | NS | < 1 | NS | NS | 1.8 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 5 | NS | 440 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 700 | 2300 | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 5 | NS | 270 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 71 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 5 | NS | 360 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 250 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 5 | NS | 320 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | 220 | NS | NS | NS | 8 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 5 | NS | 9 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | 47 | NS | NS | NS | 22 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 5 | NS | 480 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | 71 | NS | 180 | NS | < 5 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 5 | < 100 | 300 | NS | < 2 | < 2 | 12 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | 150 | NS | 2 | NS | NS | 340 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 5 | 72 | 640 | NS | < 2 | 12 | 24 | < 2 | NS | < 2 | NS | NS | < 2 | 60 | NS | 680 | NS | 4 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 5 | < 250 | 370 | NS | < 5 | < 5 | 71 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | 200 | NS | < 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 5 | < 100 | 450 | < 2 | < 2 | 4 | < 2 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | 37 | < 2 | < 2 | 2 | NS | 320 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 5 | 34 | 190 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | 89 | NS | 24 | NS | < 2 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 5 | 52 | 150 | NS | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | NS | NS | 100 | NS | 25 | NS | < 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 5 | < 250 | 150 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | NS | 88 | < 2 | 22 | < 2 | < 5 | < 5 | NS | 320 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 5 | 34 | 150 | NS | < 2 | NS | 4.1 | < 2 | NS | < 2 | NS | NS | NS | 88 | NS | 20 | NS | < 2 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | ug/L | 8260 | 5 | 49 | 140 | < 5 | NS | < 5 | < 5 | NS | NS | < 5 | < 5 | NS | NS | NS | < 5 | 10 | < 5 | < 5 | < 5 | NS | 300 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 38 | 28 J | 1,100 | 2.6 | NL | NU | 0.66 J | < 1 | 58 | < 1 | < 1 | NL | NL | NU | < 1 | 5.8 | < 1 | 0.89 J | 1.6 J | NL | 72 | 0.55 J | < 1 | 11 | 3,200 | 1.7 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 38 | < 500 | 770 | 0.21 J | NL | NU | 0.94 J | < 1 | 43 J | < 1 | < 1 | NL | NL | NU | < 1 | 3.9 | < 1 | 5.0 J | 0.42 J | NL | 77 | 0.46 J | < 1 | 61 | 190 | 4.4 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 38 | < 500 | 1,300 | < 1 | NL | NU | 0.94 J | 0.13 J | 46 J | < 1 | < 1 | NL | NL | NU | < 1 | 4.7 | < 1 | 5.5 J | 0.40 J | NL | 62 | 0.43 J | < 1 | 100 | 11 | 2.2 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 38 | < 500 | 1,200 | < 1 | NL | NU | 0.63 J | 1.2 | 33 J | < 1 | < 1 | NL | NL | NU | < 1 | 3.6 | < 1 | < 5 | 0.26 J | NL | 54 | 0.45 J | < 1 | 140 | 35 J | 1.3 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 38 | < 500 | 1,200 | < 1 | NL | NU | 0.37 J | 5.2 | 37 J | < 1 | < 1 | NL | NL | NU | < 1 | 3.4 J | < 1 | < 50 | 0.33 J | NL | 44 | 0.40 J | < 1 | 470 | 35 | 1.8 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 38 | < 500 | 480 | < 1 | NL | NU | < 1 | < 1 | 44 J | < 1 | < 1 | NL | NL | NU | < 1 | 2.1 J | < 1 | 21 J | 0.88 J | NL | 41 | 0.38 J | < 1 | 530 | 9.9 | 2.5 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 38 | 12 | 500 | < 0.20 | NS | NU | 0.60 J | 1.3 | 37 | < 0.20 | < 0.20 | NL | NL | NU | < 0.20 | 2.8 | < 0.20 | 3.2 J | 0.33 J | NL | 76 | 0.32 J | < 0.20 | 520 | 4.7 | 0.91 J | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 38 | 5.6 J | 790 | < 0.19 | NS | NU | < 0.19 | < 0.19 | 31 | < 0.19 | < 0.19 | NL | NL | NU | < 0.19 | 5.4 | < 0.19 | < 1.9 | 0.80 J | NL | 69 | < 0.19 | < 0.19 | 570 | 5.1 J | 1.0 J | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 38 | 8.5 J | 440 | < 0.19 | < 0.19 | NU | 1.10 | < 0.19 | 26 | < 0.19 | < 0.19 | NL | NL | NU | < 0.19 | 2.2 | < 0.19 | < 1.9 | < 0.19 | NL | 66 | < 0.19 | NA | 1300 | 4.8 | 3.1 | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 38 | <1.9 | 300 | < 0.19 | < 0.19 | NU | < 0.19 | < 0.19 | 28 | < 0.19 | < 0.19 | NL | NL | NU | < 0.19 | 4.4 | < 0.19 | < 1.9 | < 0.19 | NL | 110 | < 0.19 | < 0.19 | 1300 | < 1.9 | < 0.19 | < 0.19 | < 0.19 | 16 |

# TABLE 4-8
# VOPAK
# Savannah, Ga.
# Chemical Concentrations of Volatile Organic Compounds (CVOCs and VOCs) in Ground Water Samples (Modified from ERM, 2010)

| | Units | Method | Type 3 or 4 RRS | LAW-PZ-8 / LAW-PZ-8R | PAN-MW-9 | PAN-MW-10 | MW-14*1 | MW-15*2 | MW-16 | MW-17 / MW-17R | IW-18*3 | MW-18 / MW-18R | MW-19 | MW-20*4 | MW-21*5 | MW-22 / MW-22R*6 | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27*7 | MW-28*8 | MW-29 | MW-30*9 | MW-31*10 | MW-32*11 | MW-33*12 | MW-34*13 | MW-35*14 | MW-36*14 | MW-37*14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **cis-1,2-Dichloroethene** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-91 | ug/L | 624 | 1,020 | NS | < 5 | < 5 | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-91 | ug/L | 600 | 1,020 | NS | < 5 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-96 | ug/L | 8260 | 1,020 | NR | < 2,500 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-97 | ug/L | 8260 | 1,020 | NR | NR | NR | NR | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-98 | ug/L | 8021 | 1,020 | NR | NR | NR | NR | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-99 | ug/L | 8260 | 1,020 | NS | NS | < 2 | < 2 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-99 | ug/L | 8260 | 1,020 | NS | < 400 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 1,020 | 1,800 | 130 | < 1 | < 1 | NS | 110 | < 1 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 1,020 | 3,900 | 100J | < 5 | < 5 | < 5 | 41 | < 5 | NS | < 5 | < 5 | < 5 | < 5 | 3,100 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 1,020 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 240 | < 5 | 1,100 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 1,020 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 1,020 | NS | < 500 | < 5 | < 5 | < 5 | 33 | < 5 | NS | NS | < 5 | < 5 | NS | 930 | < 5 | 100 | NS | 180 | < 5 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 1,020 | 350 | NS | NS | NS | NS | NS | NS | NS | < 1 | NS | NS | < 1 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 1,020 | NS | 300 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 2,300 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 1,020 | NS | 170 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 310 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 1,020 | NS | < 250 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 610 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 1,020 | NS | 220 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | 840 | NS | NS | NS | 120 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 1,020 | NS | 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | 240 | NS | NS | NS | 210 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 1,020 | NS | 550 | NS | < 5 | < 5 | 36 | < 5 | NS | < 5 | NS | NS | < 5 | 3,300 | NS | 500 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 1,020 | 31,000 | 990 | NS | < 2 | < 2 | 120 | < 5 | NS | < 5 | NS | NS | < 2 | 490 | NS | 590 | NS | 2,800 | NS | NS | 1,500 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 1,020 | 12,000 | 600 | NS | < 2 | 4 | 120 | < 2 | NS | < 2 | NS | NS | < 2 | 480 | NS | 990 | NS | 5,100 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 1,020 | 16,000 | 680 | NS | < 5 | < 5 | 320 | < 5 | NS | < 5 | NS | NS | < 5 | 730 | NS | 770 | NS | 2,600 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 1,020 | 18,000 | 880 | < 2 | < 2 | 3 | 260 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | 820 | < 2 | 240 | 350 | NS | 1,700 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 1,020 | 6,900 | 590 | NS | < 2 | NS | 61 | < 2 | NS | < 2 | NS | NS | NS | 930 | NS | 82 | NS | 410 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 1,020 | 4,600 | 500 | NS | < 5 | NS | 60 | < 5 | NS | < 5 | NS | NS | NS | 2,100 | NS | 340 | NS | 14 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 1,020 | < 250 | 780 | < 5 | < 5 | < 5 | 78 | < 5 | NS | < 5 | < 5 | NS | NS | 1,700 | < 5 | 240 | < 5 | 200 | 40 | NS | 2,100 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 1,020 | 4,500 | 730 | NS | < 2 | NS | 78 | < 2 | NS | < 2 | NS | NS | NS | 1,000 | NS | 120 | NS | 150 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | ug/L | 8260 | 1,020 | 5,100 | 530 | < 5 | NS | < 5 | 89 | NS | NS | < 5 | < 5 | NS | NS | NS | < 5 | 150 | < 5 | 93 | < 5 | NS | 3,200 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 1,022 | 22,000 | 780 | 1.3 | NL | NU | 160 | 0.20 J | 4,400 | < 1 | < 1 | NL | NL | NU | < 1 | 180 | < 1 | 43 | 8.3 | NL | 2,300 | 13 | < 1 | 1,500 | 16,000 | 44 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 1,022 | 17,000 | 820 | 3.7 | NL | NU | 130 | < 1 | 4,800 | < 1 | < 1 | NL | NL | NU | < 1 | 160 | 0.21 J | 390 | 1.8 | NL | 2,500 | 13 | < 1 | 2,100 | 4,100 | 80 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 1,022 | 17,000 | 1,100 | 0.71 J | NL | NU | 140 | 2.8 | 4,500 | < 1 | 0.22J | NL | NL | NU | < 1 | 230 | 0.57 J | 350 | 1.7 | NL | 1,900 | 9.4 | < 1 | 2,000 | 1,800 | 64 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 1,022 | 16,000 | 1,300 | 0.29 J | NL | NU | 87 | 9.2 | 4,500 | < 1 | < 1 | NL | NL | NU | < 1 | 220 | < 1 | 43 | 1.4 | NL | 1,900 | 7.7 | < 1 | 1,100 | 3,000 | 35 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 1,022 | 8,000 | 1,800 | 1.4 | NL | NU | 200 | 13 | 5,200 | < 1 | < 1 | NL | NL | NU | < 1 | 320 | < 1 | 210 | 1.1 | NL | 1,600 | 11 | < 1 | 1,700 | 2,300 | 45 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 1,022 | 13,000 | 1,200 | 1.2 | NL | NU | 120 | < 1 | 6,000 | < 1 | < 1 | NL | NL | NU | < 1 | 410 | < 1 | 1,500 | 2.1 | NL | 1,300 | 9.4 | < 1 | 940 | 390 | 43 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 1,022 | 9,100 | 1,400 | 0.82 J | NS | NU | 140 | 1.6 | 6,000 | < 0.13 | 0.14 J | NL | NL | NU | < 0.13 | 540 | < 0.13 | 340 | 1.0 J | NL | 2,500 | 7.8 | < 0.13 | 980 | 380 | 19 | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 1,022 | 11,000 | 1,200 | < 0.21 | NS | NU | 320 | < 0.21 | 5,900 | < 0.21 | < 0.21 | NL | NL | NU | < 0.21 | 800 | < 0.21 | 19 | 2.6 | NL | 2,800 | 11 | < 0.21 | 750 | 500 | 24 | NI | NI | NI |
| Oct-13 | ug/L | 8261 | 1,022 | 8,500 | 2,500 | 0.76 | < 0.21 | NU | 110 | < 0.21 | 6,400 | < 0.21 | < 0.21 | NL | NL | NU | < 0.21 | 450 | < 0.21 | 150 | < 0.21 | NL | 6,100 | 6.2 | NA | 1,600 | 800 | 36 | NI | NI | NI |
| Jan-14 | ug/L | 8262 | 1,022 | 7,200 | 2,100 | 1.3 | < 0.21 | NU | 170 | < 0.21 | 5,300 | < 0.21 | < 0.21 | NL | NL | NU | < 0.21 | 570 | < 0.21 | 68 | 2.1 | NL | 5,900 | 5.6 | < 0.21 | 1,600 | 340 | 14 | < 0.21 | < 0.21 | 860 |
| **Vinyl Chloride** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb-91 | ug/L | 624 | 2 | NS | < 30 | < 30 | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-91 | ug/L | 600 | 2 | NS | < 30 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-96 | ug/L | 8260 | 2 | NR | < 2500 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-97 | ug/L | 8260 | 2 | 350/< 500 | < 500 | < 5 | < 5 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-98 | ug/L | 8021 | 2 | < 1,000 | < 250 | < 1 | < 1 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-99 | ug/L | 8260 | 2 | NS | NS | < 2 | < 2 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-99 | ug/L | 8260 | 2 | NS | < 400 | NS | NS | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 2 | 890 | < 100 | < 1 | < 1 | NS | 2.2 | < 1 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 2 | 670 | < 200 | < 2 | < 2 | < 2 | < 2 | < 2 | NS | < 2 | < 2 | < 2 | < 2 | 380 | < 2 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 2 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | 50 | < 10 | 210 | < 2 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 2 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 2 | NS | < 200 | < 2 | < 2 | NS | < 2 | < 2 | NS | NS | < 2 | < 2 | NS | < 100 | < 2 | 22 | NS | 38 | < 2 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 2 | 120 | NS | NS | NS | NS | NS | NS | NS | < 1 | NS | NS | < 1 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 2 | NS | 35 | NS | NS | NS | NS | < 2 | NS | < 2 | NS | NS | NS | 210 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 2 | NS | 14 | NS | NS | NS | NS | < 2 | NS | < 2 | NS | NS | NS | 36 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 2 | NS | < 100 | NS | NS | NS | NS | < 2 | NS | < 2 | NS | NS | NS | < 100 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 2 | NS | < 100 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | < 100 | NS | NS | NS | 28 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 2 | NS | < 2 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | 37 | NS | NS | NS | 47 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 2 | NS | < 40 | NS | < 2 | < 2 | < 2 | < 2 | NS | < 2 | NS | NS | < 2 | 140 | NS | 49 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 2 | 1,700 | < 40 | NS | < 2 | < 2 | 4 | < 2 | NS | < 2 | NS | NS | < 2 | 89 | NS | 33 | NS | 330 | NS | NS | 24 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 2 | 630 | 23 | NS | < 2 | < 2 | 8 | < 2 | NS | < 2 | NS | NS | < 2 | 100 | NS | 68 | NS | 560 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 2 | 1,200 | < 40 | NS | < 2 | < 2 | 25 | < 2 | NS | < 2 | NS | NS | < 2 | 100 | NS | 17 | NS | 580 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 2 | 1,200 | < 40 | < 2 | < 2 | < 2 | 63 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | 20 | < 2 | 240 | 5 | NS | 64 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 2 | 660 | 18 | NS | < 2 | NS | 53 | < 2 | NS | < 2 | NS | NS | NS | 270 | NS | 9 | NS | 83 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 2 | 360 | 25 | NS | < 2 | NS | 49 | < 2 | NS | < 2 | NS | NS | NS | 300 | NS | 12 | NS | 19 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 2 | 560 | < 40 | < 2 | < 2 | < 2 | 82 | < 2 | NS | < 2 | < 2 | NS | NS | 280 | < 2 | 18 | < 5 | 76 | 22 | NS | 74 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 2 | 470 | 49 | NS | < 2 | NS | 69 | < 2 | NS | < 2 | NS | NS | NS | 220 | NS | 47 | NS | 62 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-10 | ug/L | 8260 | 2 | 480 | 93 | < 2 | NS | 17 | 83 | NS | NS | < 2 | < 2 | NS | NS | NS | < 2 | < 2 | < 2 | 48 | 92 | NS | 150 | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 3 | 1,500 | 62 | < 1 | NL | NU | 77 | < 1 | 220 | < 1 | < 1 | NL | NL | NU | < 1 | 25 | < 1 | 34 | 200 | NL | 220 | 2.9 | < 1 | 35 | 840 | NI | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 3 | 1,600 | 55 | 0.20 J | NL | NU | 85 | < 1 | 230 | < 1 | < 1 | NL | NL | NU | < 1 | 16 | < 1 | 130 | 19 | NL | 280 | 3.1 | < 1 | 53 | 370 | NI | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 3 | 1,800 | 45 | < 1 | NL | NU | 200 | 0.19 J | 210 | < 1 | < 1 | NL | NL | NU | < 1 | 7.4 | < 1 | 140 | 15 | NL | 200 | 2.6 | < 1 | 54 | 390 | NI | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 3 | 1,200 | 65 | < 1 | NL | NU | 48 | < 1 | 160 | < 1 | < 1 | NL | NL | NU | < 1 | 9.2 | < 1 | 40 | 21 | NL | 230 | 2.4 | < 1 | 40 | 290 | NI | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 3 | 870 | 110 | < 1 | NL | NU | 94 | < 1 | 320 | < 1 | < 1 | NL | NL | NU | < 1 | 54.0 | < 1 | 63 | 16 | NL | 110 | 3.6 | < 1 | 110 | 330 | NI | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 3 | 1,100 | 69 | < 1 | NL | NU | 78 | < 1 | 310 | < 1 | < 1 | NL | NL | NU | < 1 | 71.0 | < 1 | 220 | 20 | NL | 140 | 3.1 | < 1 | 93 | 130 | NI | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 3 | 960 | 120 | < 0.30 | NS | NU | 85 | < 0.30 | 410 | < 0.30 | < 0.30 | NL | NL | NU | < 0.30 | 64.0 | < 0.30 | 94 | 6.5 | NL | 490 | 4.5 | < 0.30 | 120 | 130 | NI | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 3 | 990 | 88 | < 0.19 | NS | NU | 100 | < 0.19 | 770 | < 0.19 | < 0.19 | NL | NL | NU | < 0.19 | 140 | < 0.19 | 12 | 18 | NL | 460 | < 0.19 | < 0.19 | 96 | 220 | NI | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 3 | 830 | 76 | < 0.19 | < 0.19 | NU | 86 | < 0.19 | 670 | < 0.19 | < 0.19 | NL | NL | NU | < 0.19 | 43 | < 0.19 | 53 | 2.9 | NL | 760 | 2.5 | NA | 220 | 480 | NI | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 3 | 980 | 190 | < 0.19 | < 0.19 | NU | 180 | < 0.19 | 1900 | < 0.19 | < 0.19 | NL | NL | NU | < 0.19 | < 0.19 | < 0.19 | < 1.9 | 13 | NL | 790 | < 0.19 | < 0.19 | 230 | 300 | < 0.19 | < 0.19 | < 0.19 | 130 |

# TABLE 4-8
# VOPAK
# Savannah, Ga.
# Chemical Concentrations of Volatile Organic Compounds (CVOCs and VOCs) in Ground Water Samples (Modified from ERM, 2010)

| | Units | Method | Type 3 or 4 RRS | LAW-PZ-8 / LAW-PZ-8R | PAN-MW-9 | PAN-MW-10 | MW-14*[1] | MW-15*[2] | MW-16 | MW-17 / MW-17R | IW-18*[3] | MW-18 / MW-18R | MW-19 | MW-20*[4] | MW-21*[5] | MW-22 / MW-22R*[6] | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27*[7] | MW-28*[8] | MW-29 | MW-30*[9] | MW-31*[10] | MW-32*[11] | MW-33*[12] | MW-34*[13] | MW-35*[14] | MW-36*[14] | MW-37*[14] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-98 | ug/L | 8260 | 15 | < 1000 | < 250 | < 1 | < 1 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 15 | < 250 | < 100 | < 1 | < 1 | NS | < 1 | < 1 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 15 | **69J** | < 500 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | < 5 | < 5 | < 500 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 15 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 12 | < 5 | < 100 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 15 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 15 | NS | < 500 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | NS | NS | < 5 | NS | < 250 | < 5 | **52** | NS | NS | < 5 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 15 | **42 J** | NS | NS | NS | NS | NS | NS | NS | < 1 | NS | NS | < 1 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 15 | NS | < 50 | NS | NS | NS | NS | < 10 | NS | < 10 | NS | NS | NS | < 10 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 15 | NS | < 10 | NS | NS | NS | NS | < 10 | NS | < 10 | NS | NS | NS | < 10 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 15 | NS | < 500 | NS | NS | NS | NS | < 10 | NS | < 10 | NS | NS | NS | < 500 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 15 | NS | < 100 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | < 100 | NS | NS | NS | **17** | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 15 | NS | < 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | < 5 | NS | NS | NS | **35** | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 15 | NS | < 200 | NS | < 10 | < 10 | < 10 | < 10 | NS | < 10 | NS | NS | < 10 | < 250 | NS | 11 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 15 | < 190 | < 200 | NS | < 2 | < 2 | < 2 | < 10 | NS | < 10 | NS | NS | < 2 | < 250 | NS | < 20 | NS | **16** | NS | NS | 2 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 15 | **47** | < 2 | NS | < 2 | < 2 | < 2 | < 2 | NS | < 2 | NS | NS | < 2 | < 2 | NS | 13 | NS | **20** | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 15 | < 500 | < 200 | NS | < 10 | < 10 | < 10 | < 10 | NS | < 10 | NS | NS | < 10 | < 250 | NS | < 14 | NS | **17** | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 15 | **310** | < 40 | < 2 | < 2 | < 2 | < 2 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | 12 | < 2 | 9 | < 2 | NS | 3 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 15 | **450** | < 2 | NS | NS | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | 2 | NS | **16** | NS | 12 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 15 | **290** | < 5 | NS | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | NS | NS | < 5 | NS | **15** | NS | < 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 15 | **320** | < 100 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | NS | < 5 | < 5 | 12 | < 5 | 14 | < 5 | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 15 | **390** | < 10 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | 4.1 | NS | 10 | NS | 4.4 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 9 | **1,600** | < 50 | < 1 | NL | NU | 0.52 J | 0.39 J | **36** | < 1 | < 1 | NL | NL | NU | < 1 | **10** | < 1 | 7.2 | 0.63 J | NL | < 20 | 0.55 J | < 1 | < 10 | < 200 | 1.6 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 9 | **1,700** | < 20 | 0.28 J | NL | NU | 0.44 J | 0.44 J | **29 J** | < 1 | < 1 | NL | NL | NU | < 1 | 8.2 | < 1 | **29** | < 1 | NL | < 20 | 0.47 J | < 1 | < 20 | < 50 | 3.6 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 9 | **2,300** | < 20 | < 1 | NL | NU | 0.74 J | 0.48 J | **25 J** | < 1 | < 1 | NL | NL | NU | < 1 | **11** | < 1 | **22 J** | < 1 | NL | 6.3 J | 0.44 J | < 1 | < 20 | **12** | 2.3 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 9 | **2,000** | < 25 | < 1 | NL | NU | 0.41 J | 0.29 J | **21 J** | < 1 | < 1 | NL | NL | NU | < 1 | 7.6 | < 1 | **21** | < 1 | NL | 6.8 J | 0.43 J | < 1 | < 10 | < 50 | 1.3 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 9 | **1,300** | < 25 | < 1 | NL | NU | < 2 | < 1 | **24 J** | < 1 | < 1 | NL | NL | NU | < 1 | 8.1 | < 1 | **35 J** | < 1 | NL | < 20 | 0.54 J | < 1 | < 10 | < 20 | 1.8 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 9 | **2,000** | < 25 | < 1 | NL | NU | 0.27 J | < 1 | **25 J** | < 1 | < 1 | NL | NL | NU | < 1 | 6.9 | < 1 | **64** | < 1 | NL | 6.0 J | 0.54 J | < 1 | < 20 | 1.7 J | 1.9 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 9 | **1,400** | 2.8 J | < 0.18 | NS | NU | 0.42 J | 0.18 J | **26** | < 0.18 | < 0.18 | NL | NL | NU | < 0.18 | 6.2 | < 0.18 | **56** | < 0.18 | NL | **11** | 0.85 J | < 0.18 | 0.94 J | 1.3 | 0.76 J | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 9 | **1,900** | < 1.6 | < 0.16 | NS | NU | < 0.16 | < 0.16 | **30** | < 0.16 | < 0.16 | NL | NL | NU | < 0.16 | 8.2 | < 0.16 | **75** | < 0.16 | NL | **15** | 1.8 | < 0.16 | < 1.6 | < 1.6 | 1.1 | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 9 | **1,500** | 1 | < 0.16 | < 0.16 | NU | 0.83 | < 0.16 | **26** | < 0.16 | < 0.16 | NL | NL | NU | < 0.16 | 6.0 | < 0.16 | **33** | < 0.16 | NL | **20** | < 0.16 | NA | < 1.6 | 1.8 | 1.3 | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 9 | **1,200** | < 1.6 | < 0.16 | < 0.16 | NU | 1.50 | < 0.16 | **60** | < 0.16 | < 0.16 | NL | NL | NU | < 0.16 | 6.1 | < 0.16 | **110** | < 0.16 | NL | **23** | < 0.16 | < 0.16 | < 1.6 | < 1.6 | < 0.16 | < 0.16 | < 0.16 | **14** |
| **Ethylbenzene** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-98 | ug/L | 8260 | 3,750 | **4,300** | 2,400 | < 1 | 2.9 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 3,750 | **5,100** | **3,900** | < 1 | < 1 | NS | < 1 | < 1 | NS | NI | NI | NI | NI | IN | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 3,750 | **5,700** | 3,700 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | < 5 | < 5 | 600 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 3,750 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 12 | < 5 | < 100 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 3,750 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 3,750 | NS | 1,100 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | NS | NS | < 5 | NS | < 250 | < 5 | < 10 | NS | NS | < 5 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 3,750 | 3,700 | NS | NS | NS | NS | NS | NS | NS | 2 | NS | NS | 4.2 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 3,750 | NS | 3,100 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 2,300 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 3,750 | NS | **8,400** | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | 14 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 3,750 | NS | 2,200 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 250 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 3,750 | NS | **6,000** | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | < 100 | NS | NS | NS | < 2 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 3,750 | NS | 60 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | < 5 | NS | NS | NS | < 5 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 3,750 | NS | 730 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | 150 | NS | 5 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 3,750 | **6,100** | 990 | NS | < 2 | < 2 | < 2 | < 5 | NS | < 5 | NS | NS | < 2 | < 130 | NS | < 20 | NS | 380 | NS | NS | 67 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 3,750 | 3,000 | 1,800 | NS | < 2 | < 2 | < 2 | 7 | NS | < 2 | NS | NS | < 2 | 20 | NS | 10 | NS | 1,500 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 3,750 | **5,000** | **4,500** | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | < 5 | NS | 1,100 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 3,750 | **4,400** | 1,900 | < 2 | < 2 | < 2 | < 2 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | 2 | < 2 | 71 | < 2 | NS | 63 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 3,750 | **6,500** | **8,800** | NS | < 2 | NS | 6 | 4 | NS | 2 | NS | NS | NS | 10 | NS | < 2 | NS | 260 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 3,750 | **4,900** | **3,900** | NS | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | NS | NS | 7 | NS | < 5 | NS | 23 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 3,750 | **3,800** | 2,400 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | NS | 11 | < 5 | | < 5 | 310 | < 5 | NS | 35 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 3,750 | **4,100** | 2,300 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | 9 | NS | < 2 | NS | 63 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 700 | **8,000** | **1,900** | 3.7 | NL | NU | 0.30 J | 0.55 J | 38 | < 1 | < 1 | NL | NL | NU | < 1 | 1.4 J | 0.72 J | 35 | 0.29 J | NL | **1,300** | < 1 | < 1 | 31 | 370 | < 1 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 700 | **7,500** | **2,000** | 1.2 | NL | NU | 0.12 J | 1.5 | 33 J | < 1 | < 1 | NL | NL | NU | < 1 | 0.98 J | < 1 | 650 | < 1 | NL | **1,100** | < 1 | < 1 | 45 | 94 | < 1 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 700 | **7,500** | **1,900** | < 1 | NL | NU | 1.7 | 0.70 J | 24 J | < 1 | 1.7 | NL | NL | NU | < 1 | 16 | 3.2 | 610 | < 1 | NL | **950** | < 1 | 0.33 J | 28 | 46 | < 1 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 700 | **7,100** | **890** | < 1 | NL | NU | 0.23 J | 0.62 J | 29 J | < 1 | < 1 | NL | NL | NU | < 1 | < 2 | < 1 | 270 | < 1 | NL | 510 | < 1 | < 1 | 17 | 34 J | < 1 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 700 | **7,300** | **1,800** | < 1 | NL | NU | 0.52 J | 1.4 | 31 J | < 1 | < 1 | NL | NL | NU | < 1 | 3.4 J | < 1 | 390 | < 1 | NL | 200 | < 1 | < 1 | 54 | 28 | < 1 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 700 | **7,500** | **1,100** | < 1 | NL | NU | 0.49 J | 0.84 J | 40 J | < 1 | < 1 | NL | NL | NU | < 1 | 4.0 J | < 1 | **2,000** | < 1 | NL | **1,300** | < 1 | < 1 | 61 | 7.3 | < 1 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 700 | **7,200** | **1,000** | <0.097 | NS | NU | 2.1 | 1.2 | 49 | <0.097 | 0.21 J | NL | NL | NU | 0.23 J | 4.4 | < 0.097 | 650 | 0.35 J | NL | **750** | < 0.097 | < 0.097 | 75 | 5.3 | < 0.097 | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 700 | **7,600** | **760** | <0.19 | NS | NU | <0.19 | 1.5 | 110 | <0.19 | < 0.19 | NL | NL | NU | < 0.19 | 11 | < 0.19 | 450 | < 0.19 | NL | **800** | < 0.19 | < 0.19 | 66 | 8.9 J | < 0.19 | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 700 | **6,800** | **1,000** | <0.19 | <0.19 | NU | 1.2 | 0.83 J | 56 | <0.19 | < 0.19 | NL | NL | NU | < 0.19 | 0.79 J | < 0.19 | 160 | < 0.19 | NL | **1,200** | < 0.19 | NA | 160 | 9.0 | < 0.19 | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 700 | **4,000** | **1,100** | <0.19 | <0.19 | NU | <0.19 | <0.19 | 100 | <0.19 | <0.19 | NL | NL | NU | <0.19 | <0.19 | <0.19 | 200 | <0.19 | NL | **3,100** | <0.19 | < 0.19 | 180 | 16.0 | < 0.19 | < 0.19 | < 0.19 | < 0.19 |

# TABLE 4-8
# VOPAK
# Savannah, Ga.
# Chemical Concentrations of Volatile Organic Compounds (CVOCs and VOCs) in Ground Water Samples (Modified from ERM, 2010)

| | Units | Method | Type 3 or 4 RRS | LAW-PZ-8 / LAW-PZ-8R | PAN-MW-9 | PAN-MW-10 | MW-14*1 | MW-15*2 | MW-16 | MW-17 / MW-17R | IW-18*3 | MW-18 / MW-18R | MW-19 | MW-20*4 | MW-21*5 | MW-22 / MW-22R*6 | MW-23 | MW-24 / MW-24R | MW-25 | MW-26 / MW-26R | MW-27*7 | MW-28*8 | MW-29 | MW-30*9 | MW-31*10 | MW-32*11 | MW-33*12 | MW-34*13 | MW-35*14 | MW-36*14 | MW-37*14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Toluene** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-98 | ug/L | 8260 | 2,030 | < 1000 | < 250 | < 1 | < 1 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 2,030 | < 250 | < 100 | < 1 | < 1 | NS | < 1 | < 1 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 2,030 | 220J | < 500 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | < 5 | < 5 | < 500 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 2,030 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 12 | < 5 | < 100 | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 2,030 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 2,030 | NS | < 500 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | NS | NS | < 5 | NS | < 250 | < 5 | < 10 | NS | NS | < 5 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 2,030 | < 100 | NS | NS | NS | NS | NS | NS | NS | < 1 | NS | NS | < 1 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 2,030 | NS | < 25 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 5 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 2,030 | NS | < 5 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 5 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 2,030 | NS | < 250 | NS | NS | NS | NS | 5 | NS | < 5 | NS | NS | NS | < 250 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 2,030 | NS | < 100 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 2 | < 100 | NS | NS | NS | < 2 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 2,030 | NS | < 5 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | < 5 | NS | NS | NS | < 5 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 2,030 | NS | < 100 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | < 5 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 2,030 | 1,200 | < 100 | NS | < 2 | < 2 | < 2 | 8 | NS | < 5 | NS | NS | < 2 | < 130 | NS | < 20 | NS | 45 | NS | NS | < 2 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 2,030 | 410 | < 2 | NS | < 2 | < 2 | < 2 | < 2 | NS | < 2 | NS | NS | < 2 | < 2 | NS | < 2 | NS | 83 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 2,030 | 760 | < 100 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | < 5 | NS | 45 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 2,030 | 720 | < 40 | < 2 | < 2 | < 2 | < 2 | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | < 2 | < 2 | < 2 | 4 | < 2 | NS | < 2 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 2,030 | 330 | 3 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | < 2 | NS | < 2 | NS | 10 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 2,030 | 290 | < 5 | NS | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | NS | NS | < 5 | NS | < 5 | NS | 5 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 2,030 | 280 | < 100 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | NS | < 5 | < 5 | < 5 | < 5 | 21 | < 5 | NS | < 5 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 2,030 | 260 | < 10 | NS | < 2 | NS | < 2 | < 2 | NS | < 2 | NS | NS | NS | < 2 | NS | < 2 | NS | 3.8 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 5,241 | 1100 | < 50 | < 1 | NL | NU | < 1 | < 1 | 7.3 J | < 1 | < 1 | NL | NL | NU | < 1 | < 5 | < 1 | 1.4 | < 2 | NL | < 20 | < 1 | < 1 | < 10 | < 200 | < 1 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 5,241 | 930 | < 20 | < 1 | NL | NU | 0.42 J | 0.35 J | < 50 | < 1 | < 1 | NL | NL | NU | < 1 | 0.40 J | < 1 | 59 | < 1 | NL | < 20 | < 1 | < 1 | < 20 | < 50 | < 1 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 5,241 | 1,100 | < 20 | < 1 | NL | NU | 0.33 J | < 1 | < 50 | < 1 | < 1 | NL | NL | NU | < 1 | 1.8 J | < 1 | 54 | < 1 | NL | 7.6 J | < 1 | < 1 | < 20 | 9.3 J | < 1 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 5,241 | 820 | < 25 | < 1 | NL | NU | < 1 | < 1 | < 50 | < 1 | < 1 | NL | NL | NU | < 1 | < 2 | < 1 | 15 | < 1 | NL | < 20 | < 1 | < 1 | < 10 | < 50 | < 1 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 5,241 | 530 | < 25 | < 1 | NL | NU | < 2 | < 1 | < 50 | < 1 | < 1 | NL | NL | NU | < 1 | < 5 | < 1 | 37 J | < 1 | NL | < 20 | < 1 | < 1 | < 10 | < 20 | < 1 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 5,241 | 800 | < 25 | < 1 | NL | NU | < 1 | < 1 | < 50 | < 1 | < 1 | NL | NL | NU | < 1 | < 5 | < 1 | 140 | < 1 | NL | 6.7 J | < 1 | < 1 | < 20 | 2.3 | < 1 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 5,241 | 570 | 3.4 J | < 0.15 | NS | NU | 0.24 J | < 0.15 | 13 | < 0.15 | < 0.15 | NL | NL | NU | < 0.15 | 0.71 J | < 0.15 | 40 | < 0.15 | NL | 4.1 | < 0.15 | < 0.15 | 2.8 | 1.5 | < 0.15 | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 5,241 | 650 | < 1.4 | < 0.14 | NS | NU | < 0.14 | < 0.14 | 21 | < 0.14 | < 0.14 | NL | NL | NU | < 0.14 | 1.2 | < 0.14 | 18 | < 0.14 | NL | 5.4 J | < 0.14 | < 0.14 | < 1.4 | < 1.4 | < 0.14 | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 5,241 | 510 | 2 | < 0.14 | 3.5 | NU | < 0.14 | < 0.14 | 12 | < 0.14 | < 0.14 | NL | NL | NU | < 0.14 | 0.41 J | < 0.14 | 10 J | < 0.14 | NL | 10 J | < 0.14 | NA | 7.2 J | 2.0 | < 0.14 | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 5,241 | 370 | < 1.4 | < 0.14 | < 0.14 | NU | < 0.14 | < 0.14 | 24 | < 0.14 | < 0.14 | NL | NL | NU | < 0.14 | < 0.14 | < 0.14 | 11 | < 0.14 | NL | 20 | < 0.14 | < 0.14 | < 1.4 | < 1.4 | < 0.14 | < 0.14 | < 0.14 | < 0.14 |
| **Xylenes** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec-98 | ug/L | 8260 | 10,000 | 5,600 | 5,200 | < 1 | 1.4 | NS | NI | NI | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-00 | ug/L | 8260 | 10,000 | **59,000** | 8,600 | < 2 | < 2 | NS | < 2 | < 2 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-01 | ug/L | 8260 | 10,000 | **64,000** | 8,500 | < 10 | < 10 | < 10 | < 10 | < 10 | NS | < 10 | < 10 | < 10 | < 10 | 83J | < 10 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Nov-01 | ug/L | 8260 | 10,000 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 25 | < 10 | < 200 | < 10 | NI | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-02 | ug/L | 8260 | 10,000 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 10 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-03 | ug/L | 8260 | 10,000 | NS | 2,000 | < 10 | < 10 | < 10 | < 10 | < 10 | NS | NS | NS | < 10 | NS | < 500 | < 10 | < 20 | NS | NS | < 10 | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-03 | ug/L | 8260 | 10,000 | **42,000** | NS | NS | NS | NS | NS | NS | NS | 22 | NS | NS | 38 | NS | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-04 | ug/L | 8260 | 10,000 | NS | 7,300 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 50 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jul-04 | ug/L | 8260 | 10,000 | NS | **22,000** | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 22 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-04 | ug/L | 8260 | 10,000 | NS | 5,100 | NS | NS | NS | NS | < 5 | NS | < 5 | NS | NS | NS | < 250 | NS | NS | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| May-05 | ug/L | 8261 | 10,000 | NS | **16,000** | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | < 250 | NS | NS | NS | < 5 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Aug-05 | ug/L | 8260 | 10,000 | NS | 150 | NS | NS | NS | NS | NS | NS | NS | NS | NS | < 5 | 10 | NS | NS | NS | 6 | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Jun-06 | ug/L | 8260 | 10,000 | NS | 1,800 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | 28 | NS | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-06 | ug/L | 8260 | 10,000 | **84,000** | 2,600 | NS | < 5 | < 5 | < 7 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | < 50 | NS | 2,700 | NS | NS | 51 | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-06 | ug/L | 8260 | 10,000 | **41,000** | 4,900 | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | 18 | NS | 35 | NS | **13,000** | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Mar-07 | ug/L | 8260 | 10,000 | **70,000** | **12,000** | NS | < 5 | < 5 | < 5 | < 5 | NS | < 5 | NS | NS | < 5 | < 130 | NS | 12 | NS | 6,900 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-07 | ug/L | 8260 | 10,000 | **54,000** | 5,400 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | < 5 | 7 | < 5 | 250 | < 5 | NS | 57 | NI | NI | NI | NI | NI | NI | NI | NI |
| May-08 | ug/L | 8260 | 10,000 | **94,000** | **24,000** | NS | < 5 | NS | < 5 | 27 | NS | 16 | NS | NS | NS | 26 | NS | 11 | NS | 1,300 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Dec-08 | ug/L | 8260 | 10,000 | **55,000** | **11,000** | NS | < 5 | NS | < 5 | < 5 | NS | < 5 | NS | NS | NS | 12 | NS | < 5 | NS | 120 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Apr-09 | ug/L | 8260 | 10,000 | **48,000** | 6,300 | < 5 | < 5 | < 5 | < 5 | < 5 | NS | < 5 | < 5 | NS | NS | 22 | < 5 | < 5 | < 5 | 2,700 | < 5 | NS | 98 | NI | NI | NI | NI | NI | NI | NI | NI |
| Sep-09 | ug/L | 8260 | 10,000 | **47,000** | 6,100 | NS | < 2 | 77 J | < 5 | < 5 | NS | < 5 | NS | NS | NS | 12 | NS | < 5 | NS | 380 | NS | NS | NS | NI | NI | NI | NI | NI | NI | NI | NI |
| Oct-11 | ug/L | 8260 | 10,000 | **73,000** | 4,200 | 9.9 | NL | NU | 1.9 J | < 2 | 93 | < 2 | < 2 | NL | NL | NU | < 2 | 4.2 J | 8.7 | 110 | 3.4 J | NL | 2,800 | < 2 | 0.24 J | 35 | 2,200 | < 2 | NI | NI | NI |
| Jan-12 | ug/L | 8260 | 10,000 | **88,000** | 5,800 | 17 | NL | NU | 1.3 J | 0.65 J | 86 | < 2 | < 2 | NL | NL | NU | < 2 | 11 | < 2 | 6,100 | < 2 | NL | 2,500 | 0.58 J | 0.21 J | 56 | 450 | < 2 | NI | NI | NI |
| Apr-12 | ug/L | 8260 | 10,000 | **110,000** | 5,500 | < 2 | NL | NU | 21 | 0.22 J | 55 J | < 2 | 12 | NL | NL | NU | < 2 | 230 | 20 | 7,200 | < 2 | NL | 2,100 | < 2 | 2.4 | 22 J | 390 | < 2 | NI | NI | NI |
| Jul-12 | ug/L | 8260 | 10,000 | **91,000** | 2,600 | < 2 | NL | NU | 1.1 J | 0.28 J | 92 J | < 2 | < 2 | NL | NL | NU | < 2 | < 4 | < 2 | 2,000 | < 2 | NL | 1,000 | < 2 | < 2 | 16 J | 88 J | < 2 | NI | NI | NI |
| Oct-12 | ug/L | 8260 | 10,000 | **100,000** | 4,900 | < 2 | NL | NU | 1.7 J | 0.5 J | 110 | < 2 | < 2 | NL | NL | NU | < 2 | 20 | < 2 | 4,200 | < 2 | NL | 370 | < 2 | < 2 | 26 | 70 | < 2 | NI | NI | NI |
| Jan-13 | ug/L | 8260 | 10,000 | **100,000** | 3,500 | < 2 | NL | NU | 1.4 J | < 2 | 170 | < 2 | < 2 | NL | NL | NU | < 2 | 22 | < 2 | **2,400** | < 2 | NL | 2,900 | < 2 | < 2 | 27 J | 15 | < 2 | NI | NI | NI |
| Apr-13 | ug/L | 8260 | 10,000 | **110,000** | 3,700 | < 0.31 | NS | NU | 8.0 | 0.33 J | 270 | < 0.31 | 0.41 J | NL | NL | NU | 0.42 J | 26 | < 0.31 | 8,300 | 3.9 | NL | 1,500 | < 0.31 | < 0.31 | 42 | 12 | < 0.31 | NI | NI | NI |
| Jul-13 | ug/L | 8260 | 10,000 | **110,000** | 2,200 | < 0.20 | NS | NU | < 0.20 | < 0.20 | 1000 | < 0.20 | < 0.20 | NL | NL | NU | < 0.20 | 58 | < 0.20 | 5,500 | < 0.20 | NL | 1,700 | 2.6 | < 0.20 | 40 | 24 | < 0.20 | NI | NI | NI |
| Oct-13 | ug/L | 8260 | 10,000 | **110,000** | 2,600 | < 0.20 | < 0.20 | NU | 5.6 | < 0.20 | 510 | < 0.20 | < 0.20 | NL | NL | NU | < 0.20 | 6.3 | < 0.20 | 2,300 | < 0.20 | NL | 2,500 | < 0.20 | NA | 110 | 26 | < 0.20 | NI | NI | NI |
| Jan-14 | ug/L | 8260 | 10,000 | **88,000** | 2,700 | < 0.20 | < 0.20 | NU | < 0.20 | < 0.20 | 810 | < 0.20 | < 0.20 | NL | NL | NU | < 0.20 | 2.7 | < 0.20 | 7,200 | < 0.20 | NL | 6,600 | < 0.20 | < 0.20 | 170 | 40 | < 0.20 | < 0.20 | < 0.20 | 1.9 |

**Notes:**

**110,000** Value exceeds a risk reduction standard
NA = Well not accessible due to nearby construction
NS = Well not sampled
NI = Well not installed
NU = Well not used due to being silted
NL = Well not located
< = less than indicated value
< 5/< 500 = sample was analyzed twice
J = this is an estimated value that is above the method detection limit but below the practical quantitation limit.
The sample denoted MW-10 on 12/18/98 is believed to have been collected from MW-9, I.e. the two samples were mislabeled. This table shows what is believed to be correct.
Risk reduction standard, the higher of the Type 3 or 4 from Table 2 of Risk Reduction Standards dated August 13, 2001
Type 3 or 4 RRS from 2/1/1991 to 4/26/2010 from CAP
RRS beginning on 4/27/2011 from VRP Application

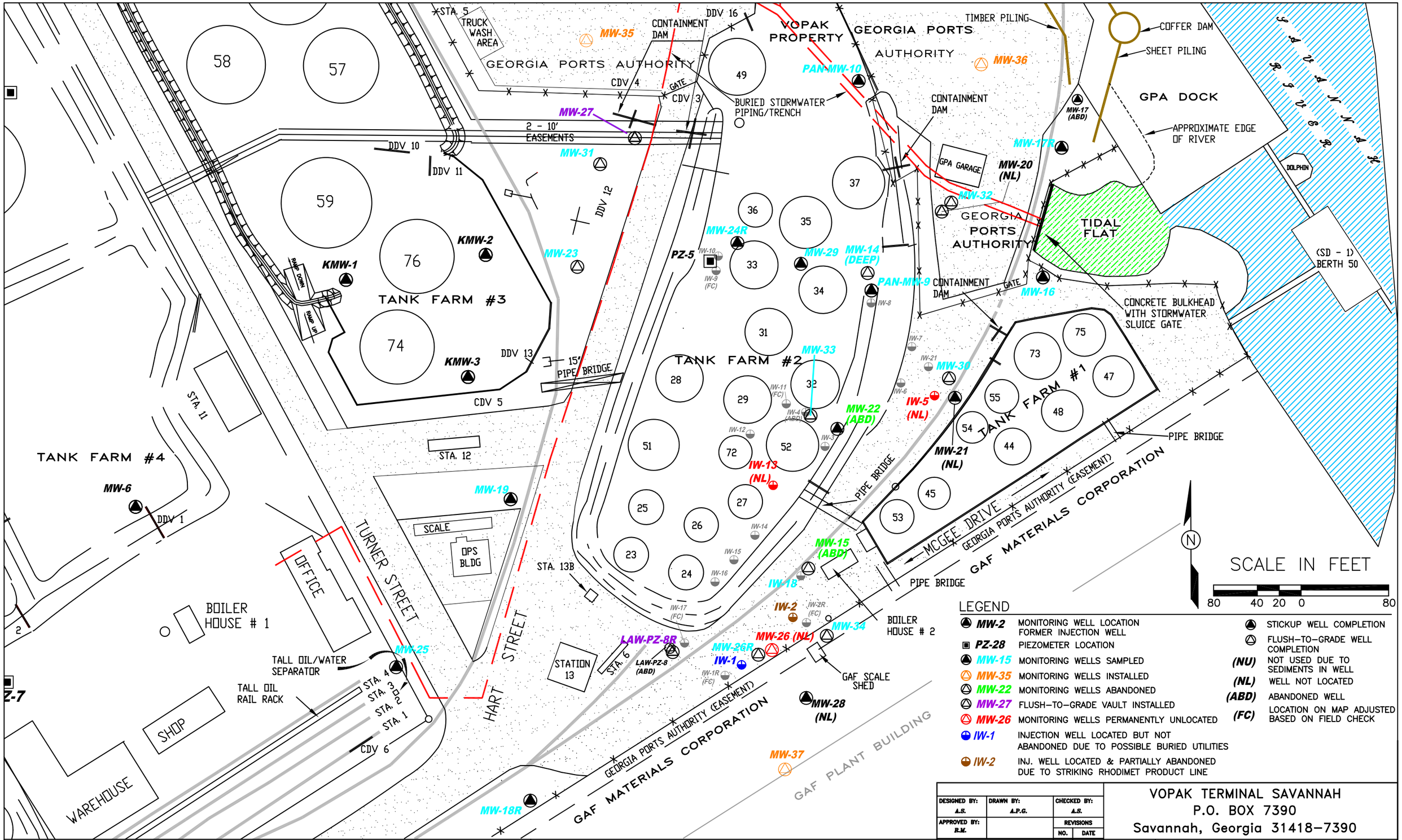
MW-17 was replaced by MW-17R on October 10, 2006
MW-26 was replaced by MW-26R on October 9, 2006
*1 MW-14 was located by surveyors on January 24, 2013. To be sampled pending redevelopment
*2 MW-15 was filled with silt above water level and could not be used
*3 IW-18 was ultilized as a replacement for MW-15
*4 MW-20 was not located (possibly paved over)
*5 MW-21 was not located
*6 MW-22 was filled with silt and could not be sampled
LAW-PZ-8 was found damaged during June 2006 sampling event and was not sampled. It was replaced by LAW-PZ-8R on October 9, 2006
All data prior to October 2011 tabulated by ERM.

*7 MW-27 was not possitively identified but is assumed.
*8 MW-28 was not located
*9 MW-30 was installed as a replacement for MW-21 on April 6, 2011
*10 MW-31 was installed as a replacement on April 28, 2011 for MW-27 and lies approximately where MW-27 had been shown on previous site maps
*11 MW-32 was installed as a replacement for MW-20 on April 25, 2011
*12 MW-33 was installed as a replacement for MW-22 on April 28, 2011
*13 MW-34 was installed as a replacement for MW-28 on April 26, 2011
*14 MW-35, MW-36, and MW-37 were installed December 2013

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# FIGURES




## LEGEND

| | |
|---|---|
| MW-2 | MONITORING WELL LOCATION FORMER INJECTION WELL |
| PZ-28 | PIEZOMETER LOCATION |
| MW-15 | MONITORING WELLS SAMPLED |
| MW-35 | MONITORING WELLS INSTALLED |
| MW-22 | MONITORING WELLS ABANDONED |
| MW-27 | FLUSH-TO-GRADE VAULT INSTALLED |
| MW-26 | MONITORING WELLS PERMANENTLY UNLOCATED |
| IW-1 | INJECTION WELL LOCATED BUT NOT ABANDONED DUE TO POSSIBLE BURIED UTILITIES |
| IW-2 | INJ. WELL LOCATED & PARTIALLY ABANDONED DUE TO STRIKING RHODIMET PRODUCT LINE |
| | STICKUP WELL COMPLETION |
| | FLUSH-TO-GRADE WELL COMPLETION |
| (NU) | NOT USED DUE TO SEDIMENTS IN WELL |
| (NL) | WELL NOT LOCATED |
| (ABD) | ABANDONED WELL |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK |

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC" WELLS, AND MW-15), IW-18, FENCE LINES BETWEEN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW") IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY.
REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

# FIGURE 2-1:
# DECEMBER 2013 WELL ACTIVITIES

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

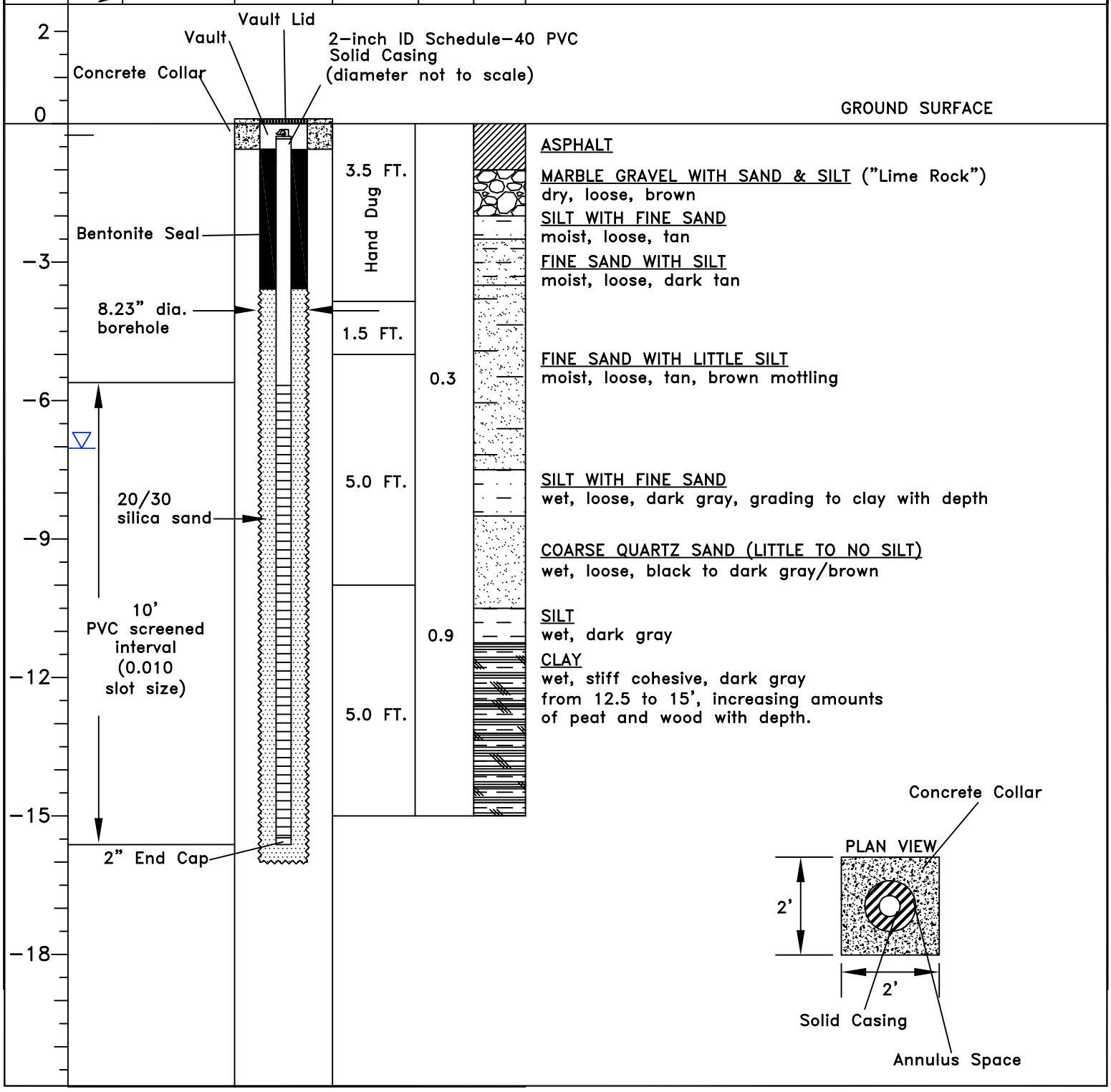
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390033 - 2013 WELL INST. & ABD. | |

# FIGURE 3-1: MONITORING WELL MW-35

ENVIRONMENTAL INT'L CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA, GEORGIA, 30009 USA
PHONE: 770-772-7100
FAX: 770-772-0555
http://www.eicusa.com

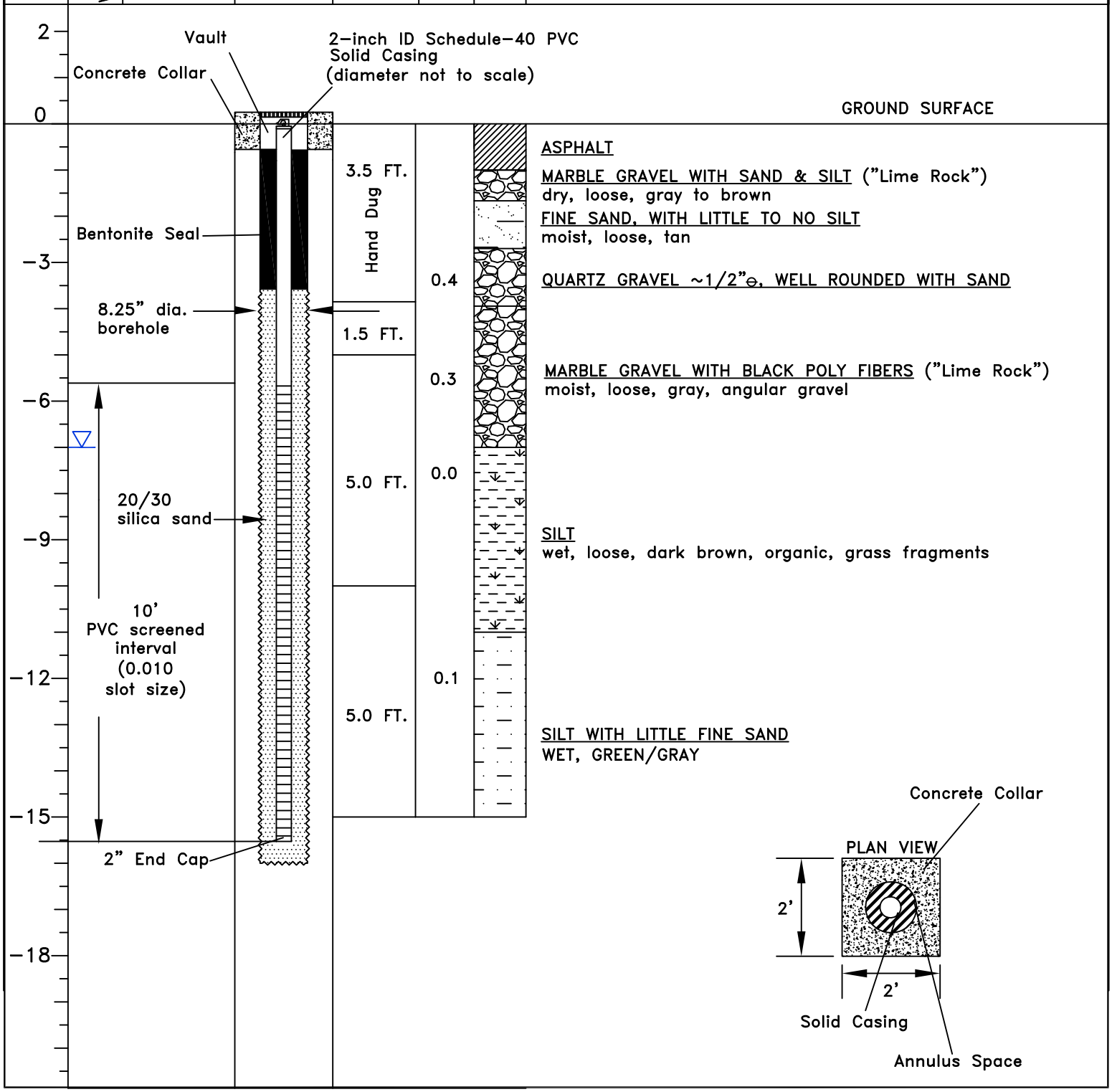
| | | | |
|---|---|---|---|
| MONITOR WELL | MW-35 | DRILLING COMPANY | BETTS ENV. RECOVERY |
| PROJECT | VOPAK TERMINAL SAVANNAH | DATE DRILLED | 12/17/2013 |
| LOCATION | GARDEN CITY, GA | SURFACE ELEVATION | UNKNOWN |
| JOB NUMBER | 390033 | TOTAL DEPTH OF WELL | 15.63 FT. BGS |
| GEOLOGIST | ALAN SANDERS | TOP OF BEDROCK | N/A |
| DRILL METHOD | 6620DT GEOPROBE WITH HOLLOW STEM AUGER | INITIAL WATER LEVEL | ~7 FT. BGS |



# FIGURE 3-2: MONITORING WELL MW-36

ENVIRONMENTAL INT'L CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA, GEORGIA, 30009 USA
PHONE: 770-772-7100
FAX: 770-772-0555
http://www.eicusa.com

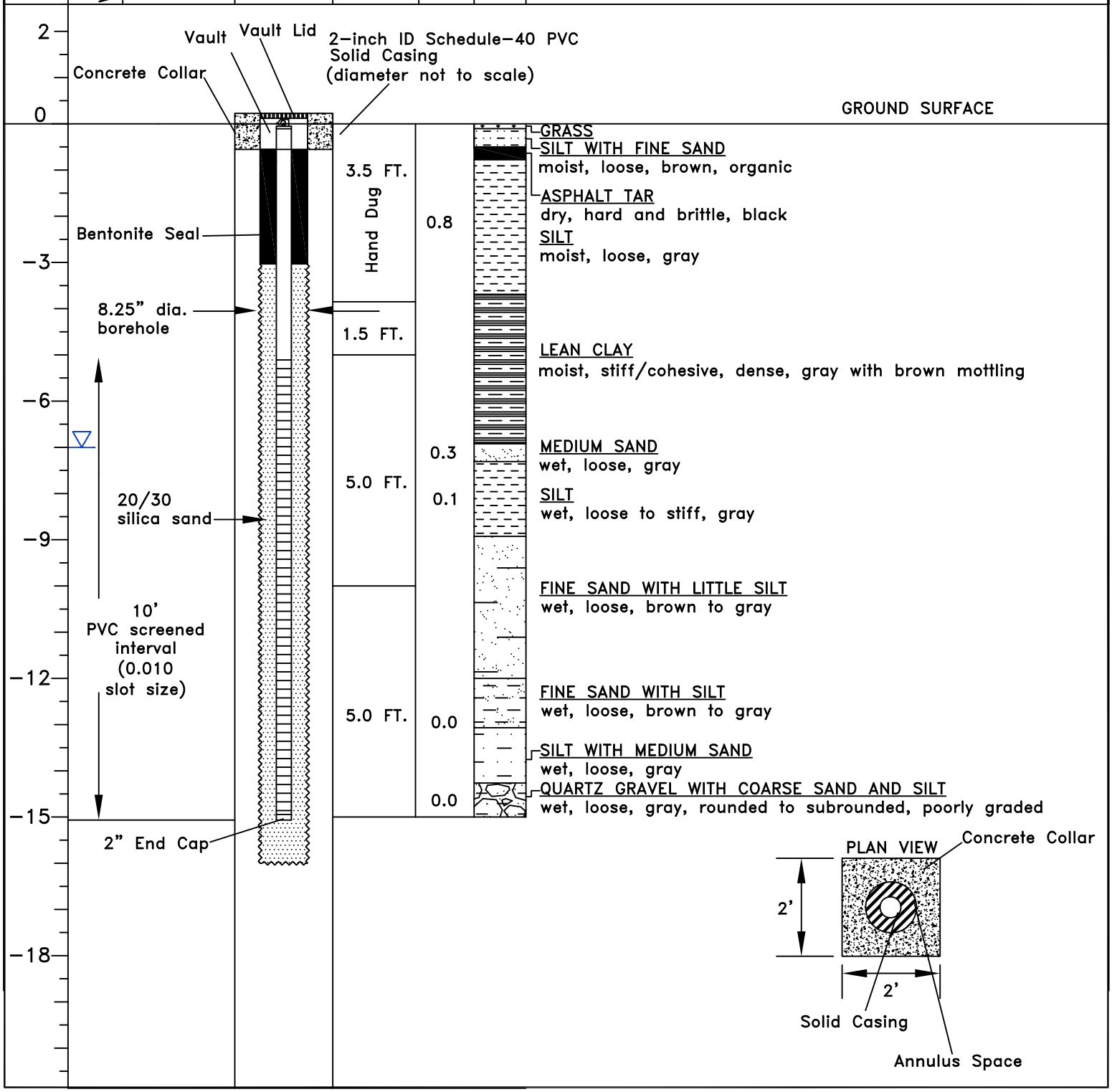
| | | | |
|---|---|---|---|
| MONITOR WELL | MW-36 | DRILLING COMPANY | BETTS ENV. RECOVERY |
| PROJECT | VOPAK TERMINAL SAVANNAH | DATE DRILLED | 12/17/2013 |
| LOCATION | GARDEN CITY, GA | SURFACE ELEVATION | UNKNOWN |
| JOB NUMBER | 390033 | TOTAL DEPTH OF WELL | 15.55 FT. BGS |
| GEOLOGIST | ALAN SANDERS | TOP OF BEDROCK | N/A |
| DRILL METHOD | 6620DT GEOPROBE WITH HOLLOW STEM AUGER | INITIAL WATER LEVEL | ~7 FT. BGS |

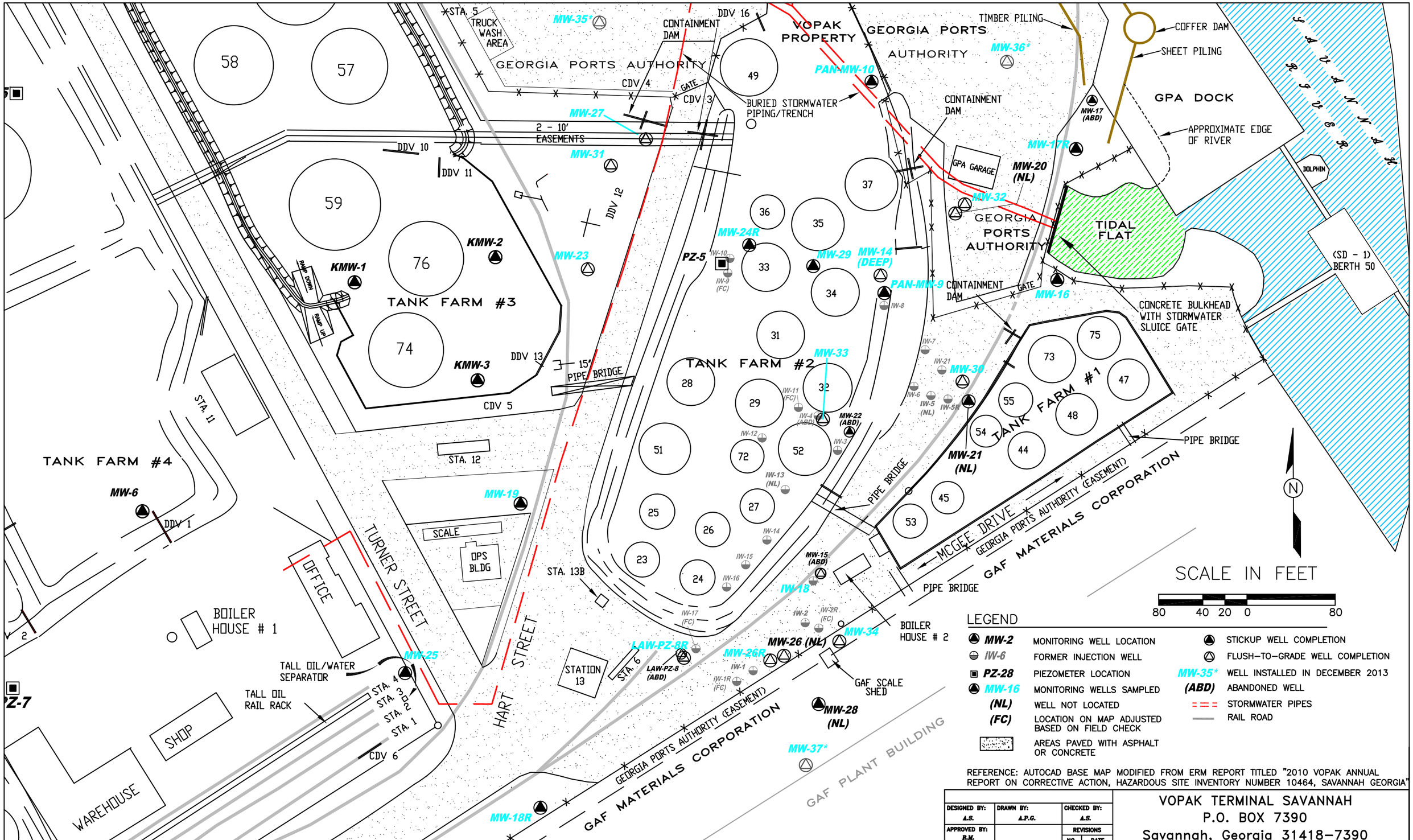


# FIGURE 3-3: MONITORING WELL MW-37

ENVIRONMENTAL INT'L CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA, GEORGIA, 30009 USA
PHONE: 770-772-7100
FAX: 770-772-0555
http://www.eicusa.com

| | | | |
|---|---|---|---|
| MONITOR WELL | MW-37 | DRILLING COMPANY | BETTS ENV. RECOVERY |
| PROJECT | VOPAK TERMINAL SAVANNAH | DATE DRILLED | 12/16/2013 |
| LOCATION | GARDEN CITY, GA | SURFACE ELEVATION | UNKNOWN |
| JOB NUMBER | 390033 | TOTAL DEPTH OF WELL | 15.15 FT. BGS |
| GEOLOGIST | ALAN SANDERS | TOP OF BEDROCK | N/A |
| DRILL METHOD | 6620DT GEOPROBE WITH HOLLOW STEM AUGER | INITIAL WATER LEVEL | ~ 7 FT. BGS |






REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-1:
SITE MAP

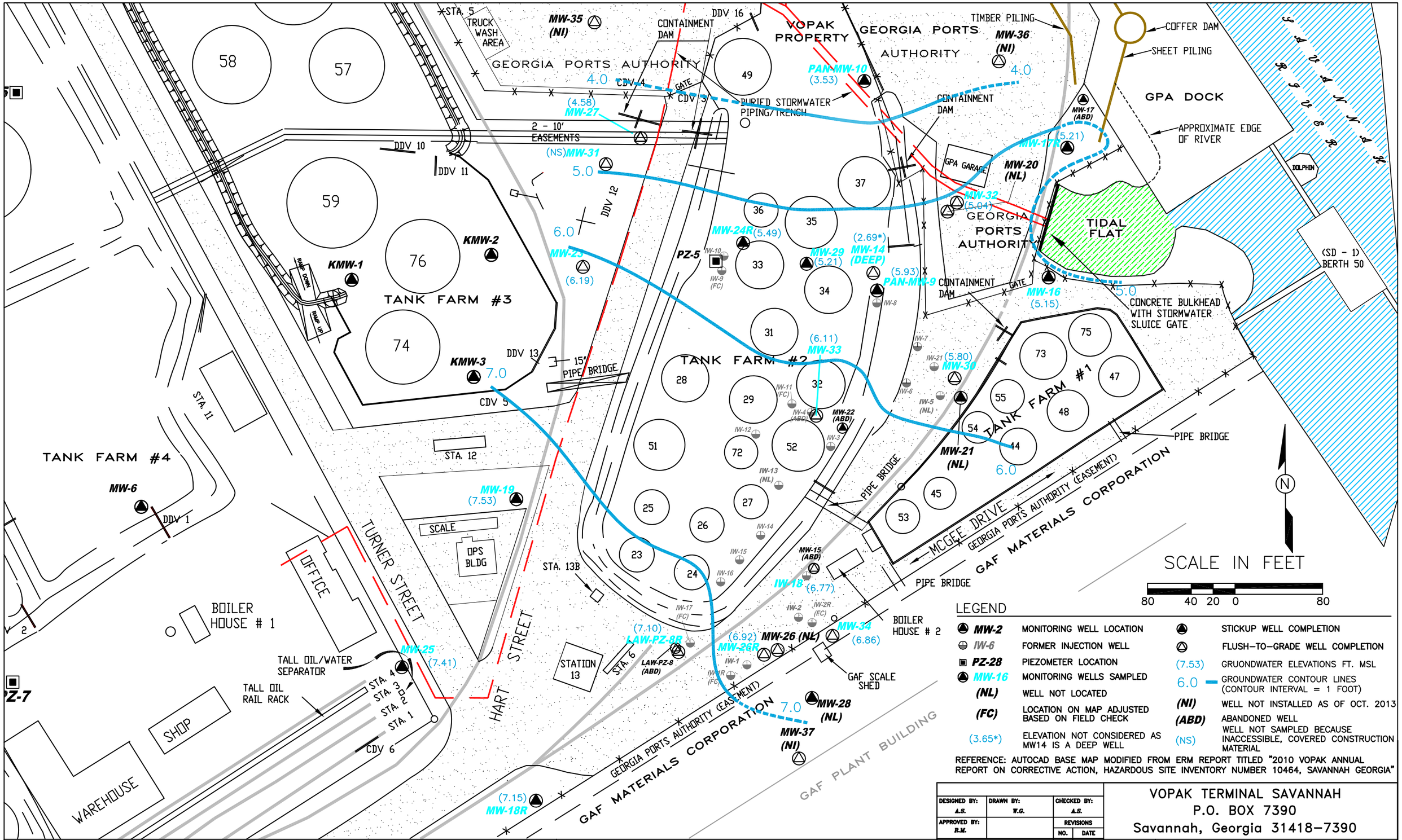
| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA, GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/26/2014 | 390031 - SITE CONCEPTUAL MODEL | |




## LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (7.53) | GRUOUNDWATER ELEVATIONS FT. MSL |
| MW-16 | MONITORING WELLS SAMPLED | 6.0 | GROUNDWATER CONTOUR LINES (CONTOUR INTERVAL = 1 FOOT) |
| (NL) | WELL NOT LOCATED | (NI) | WELL NOT INSTALLED AS OF OCT. 2013 |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK | (ABD) | ABANDONED WELL |
| (3.65*) | ELEVATION NOT CONSIDERED AS MW14 IS A DEEP WELL | (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-2:
GROUNDWATER POTENTIOMETRIC SURFACE MAP
OCTOBER 1-3, 2013

| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
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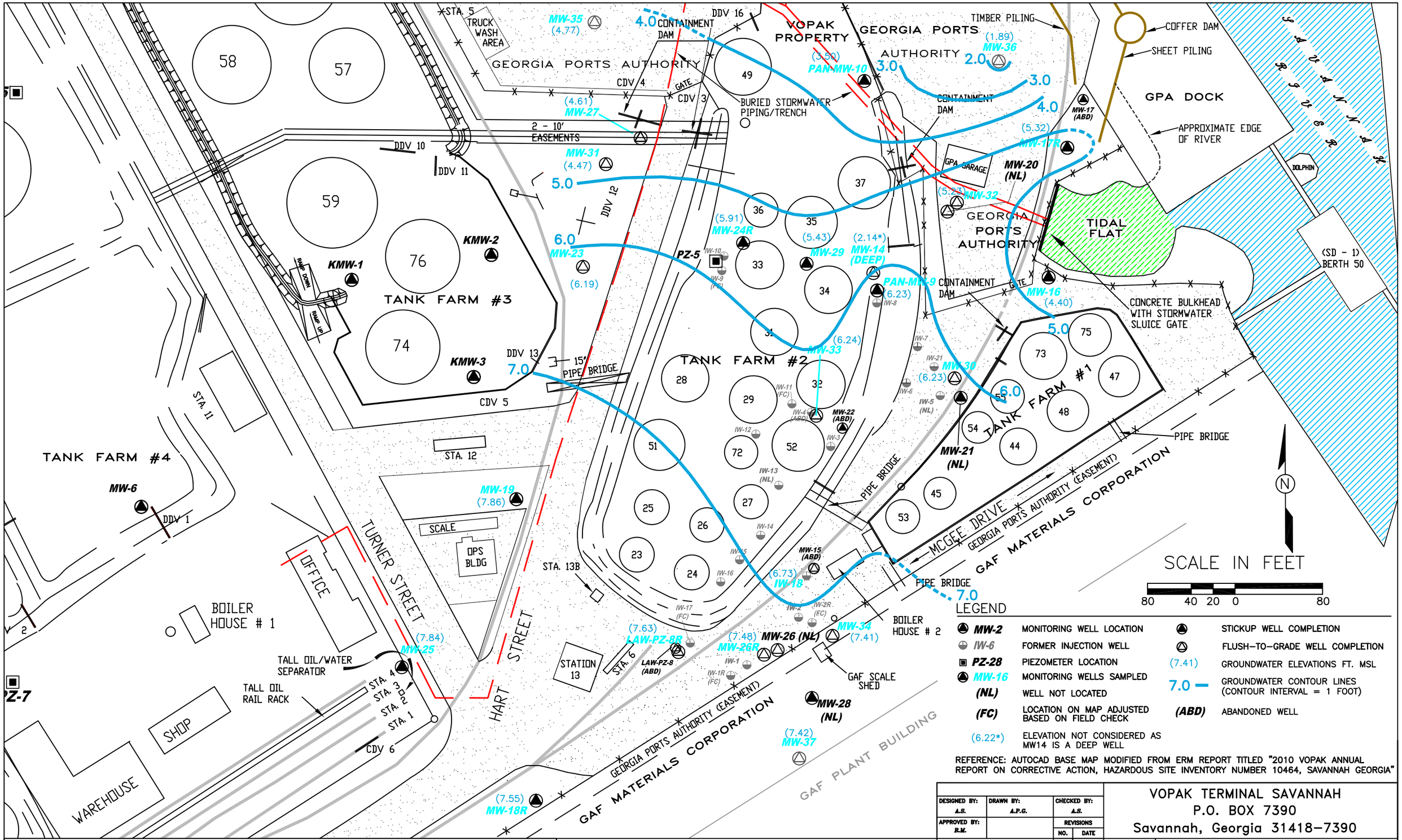
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 2/25/2014 | FILE: 390020 - 7TH MNA SAMPLING | SHEET NO.:




NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-3:
GROUNDWATER POTENTIOMETRIC SURFACE MAP
JAN 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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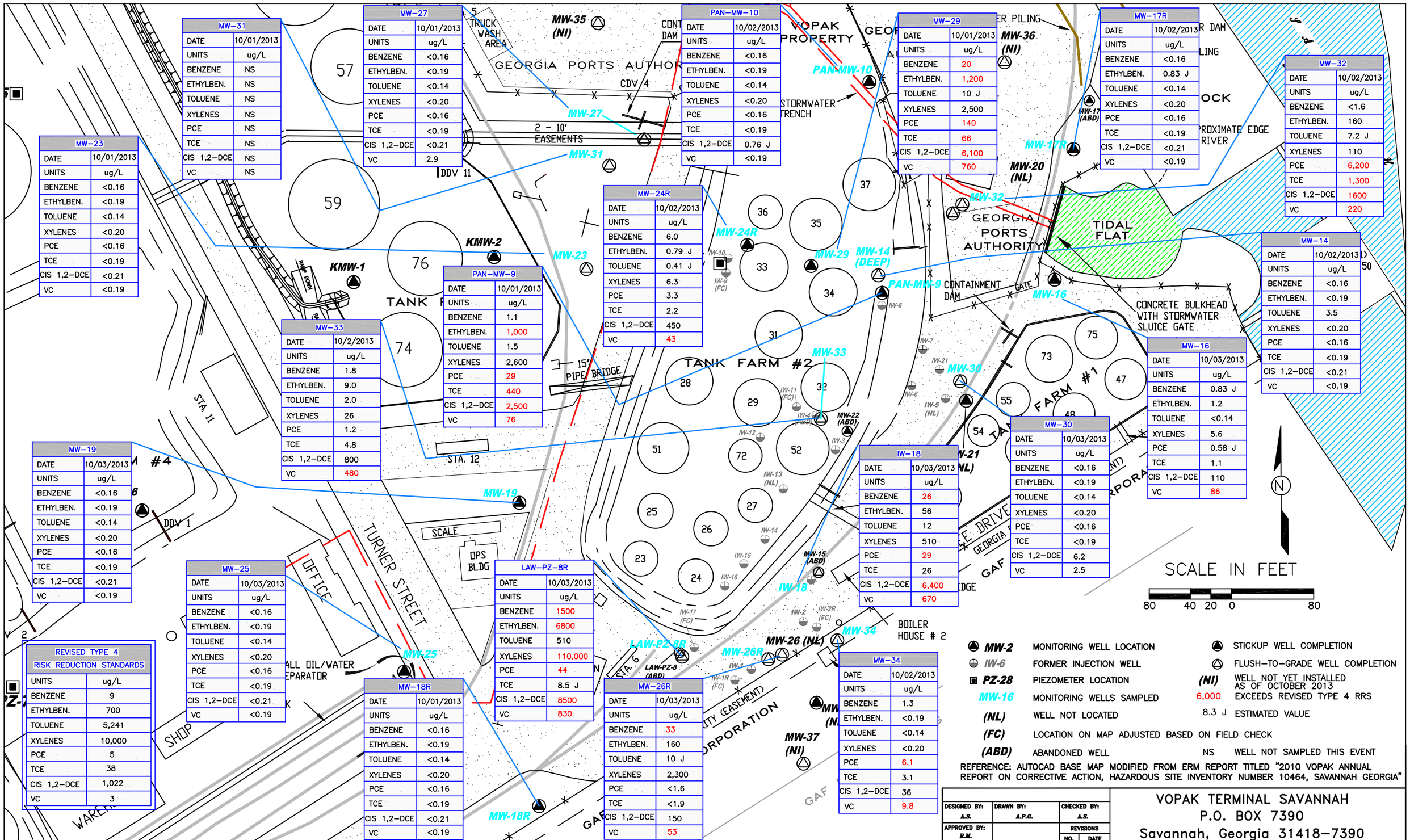
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 10TH MNA SAMPLING | |




| MW-31 | |
|---|---|
| DATE | 10/01/2013 |
| UNITS | ug/L |
| BENZENE | NS |
| ETHYLBEN. | NS |
| TOLUENE | NS |
| XYLENES | NS |
| PCE | NS |
| TCE | NS |
| CIS 1,2-DCE | NS |
| VC | NS |

| MW-27 | |
|---|---|
| DATE | 10/01/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | 2.9 |

| PAN-MW-10 | |
|---|---|
| DATE | 10/02/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | 0.76 J |
| VC | <0.19 |

| MW-29 | |
|---|---|
| DATE | 10/01/2013 |
| UNITS | ug/L |
| BENZENE | 20 |
| ETHYLBEN. | 1,200 |
| TOLUENE | 10 J |
| XYLENES | 2,500 |
| PCE | 140 |
| TCE | 66 |
| CIS 1,2-DCE | 6,100 |
| VC | 760 |

| MW-17R | |
|---|---|
| DATE | 10/02/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | 0.83 J |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-32 | |
|---|---|
| DATE | 10/02/2013 |
| UNITS | ug/L |
| BENZENE | <1.6 |
| ETHYLBEN. | 160 |
| TOLUENE | 7.2 J |
| XYLENES | 110 |
| PCE | 6,200 |
| TCE | 1,300 |
| CIS 1,2-DCE | 1600 |
| VC | 220 |

| MW-23 | |
|---|---|
| DATE | 10/01/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-24R | |
|---|---|
| DATE | 10/02/2013 |
| UNITS | ug/L |
| BENZENE | 6.0 |
| ETHYLBEN. | 0.79 J |
| TOLUENE | 0.41 J |
| XYLENES | 6.3 |
| PCE | 3.3 |
| TCE | 2.2 |
| CIS 1,2-DCE | 450 |
| VC | 43 |

| PAN-MW-9 | |
|---|---|
| DATE | 10/01/2013 |
| UNITS | ug/L |
| BENZENE | 1.1 |
| ETHYLBEN. | 1,000 |
| TOLUENE | 1.5 |
| XYLENES | 2,600 |
| PCE | 29 |
| TCE | 440 |
| CIS 1,2-DCE | 2,500 |
| VC | 76 |

| MW-33 | |
|---|---|
| DATE | 10/2/2013 |
| UNITS | ug/L |
| BENZENE | 1.8 |
| ETHYLBEN. | 9.0 |
| TOLUENE | 2.0 |
| XYLENES | 26 |
| PCE | 1.2 |
| TCE | 4.8 |
| CIS 1,2-DCE | 800 |
| VC | 480 |

| MW-14 | |
|---|---|
| DATE | 10/02/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | 3.5 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-16 | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | 0.83 J |
| ETHYLBEN. | 1.2 |
| TOLUENE | <0.14 |
| XYLENES | 5.6 |
| PCE | 0.58 J |
| TCE | 1.1 |
| CIS 1,2-DCE | 110 |
| VC | 86 |

| MW-19 | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-30 | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | 6.2 |
| VC | 2.5 |

| IW-18 | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | 26 |
| ETHYLBEN. | 56 |
| TOLUENE | 12 |
| XYLENES | 510 |
| PCE | 29 |
| TCE | 26 |
| CIS 1,2-DCE | 6,400 |
| VC | 670 |

| MW-25 | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| LAW-PZ-8R | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | 1500 |
| ETHYLBEN. | 6800 |
| TOLUENE | 510 |
| XYLENES | 110,000 |
| PCE | 44 |
| TCE | 8.5 J |
| CIS 1,2-DCE | 8500 |
| VC | 830 |

| REVISED TYPE 4 RISK REDUCTION STANDARDS | |
|---|---|
| UNITS | ug/L |
| BENZENE | 9 |
| ETHYLBEN. | 700 |
| TOLUENE | 5,241 |
| XYLENES | 10,000 |
| PCE | 5 |
| TCE | 38 |
| CIS 1,2-DCE | 1,022 |
| VC | 3 |

| MW-18R | |
|---|---|
| DATE | 10/01/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-26R | |
|---|---|
| DATE | 10/03/2013 |
| UNITS | ug/L |
| BENZENE | 33 |
| ETHYLBEN. | 160 |
| TOLUENE | 10 J |
| XYLENES | 2,300 |
| PCE | <1.6 |
| TCE | <1.9 |
| CIS 1,2-DCE | 150 |
| VC | 53 |

| MW-34 | |
|---|---|
| DATE | 10/02/2013 |
| UNITS | ug/L |
| BENZENE | 1.3 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | 6.1 |
| TCE | 3.1 |
| CIS 1,2-DCE | 36 |
| VC | 9.8 |

| | |
|---|---|
| MW-2 | MONITORING WELL LOCATION |
| IW-6 | FORMER INJECTION WELL |
| PZ-28 | PIEZOMETER LOCATION |
| MW-16 | MONITORING WELLS SAMPLED |
| (NL) | WELL NOT LOCATED |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK |
| (ABD) | ABANDONED WELL |
| | STICKUP WELL COMPLETION |
| | FLUSH-TO-GRADE WELL COMPLETION |
| (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| 6,000 | EXCEEDS REVISED TYPE 4 RRS |
| 8.3 J | ESTIMATED VALUE |
| NS | WELL NOT SAMPLED THIS EVENT |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-4:
GROUNDWATER ANALYTICAL RESULTS
OCTOBER 1 - 3, 2013

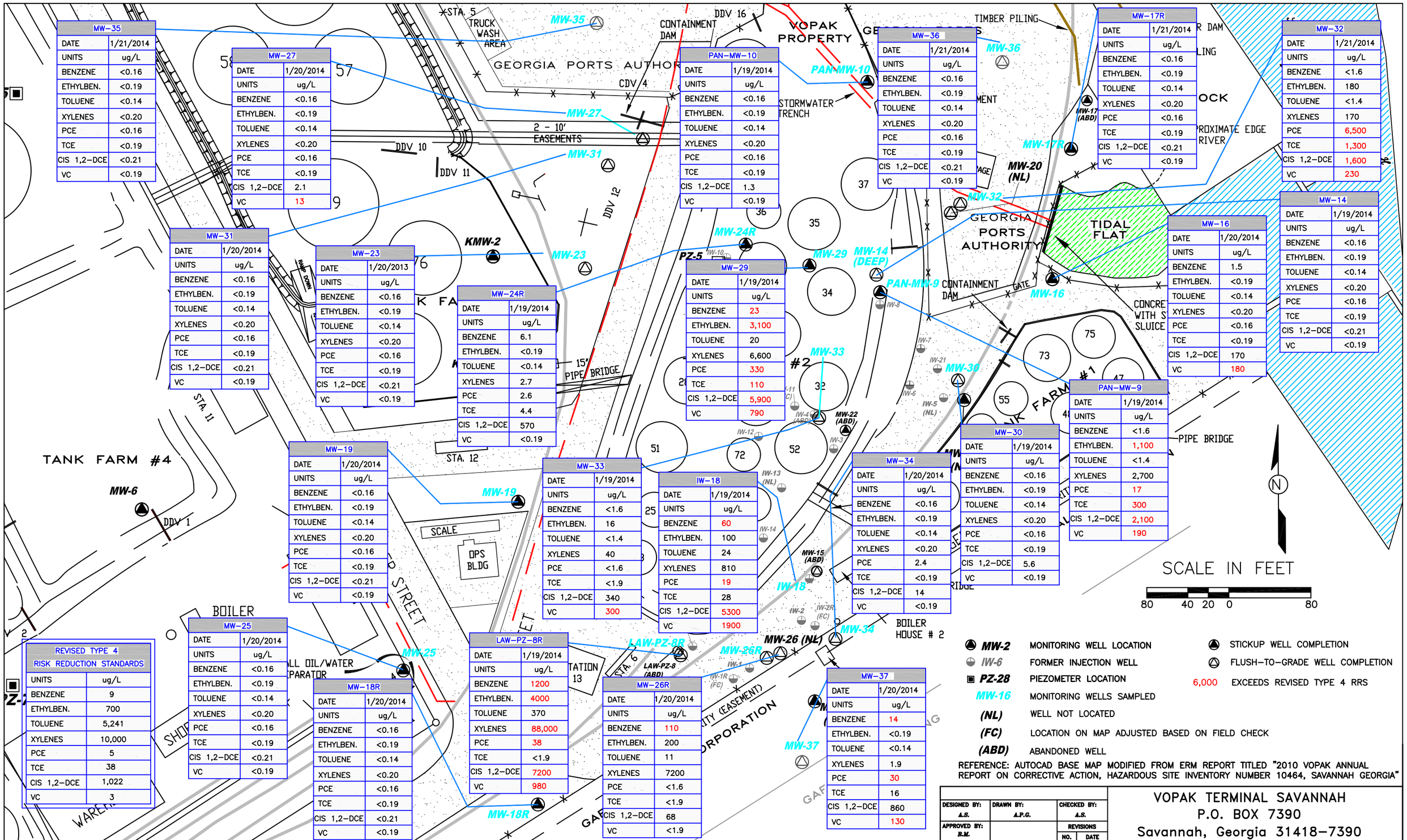
| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 - 8TH MNA SAMPLING | SHEET NO.:




| MW-35 | |
|---|---|
| DATE | 1/21/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-27 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | 2.1 |
| VC | 13 |

| PAN-MW-10 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | 1.3 |
| VC | <0.19 |

| MW-36 | |
|---|---|
| DATE | 1/21/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-17R | |
|---|---|
| DATE | 1/21/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-32 | |
|---|---|
| DATE | 1/21/2014 |
| UNITS | ug/L |
| BENZENE | <1.6 |
| ETHYLBEN. | 180 |
| TOLUENE | <1.4 |
| XYLENES | 170 |
| PCE | 6,500 |
| TCE | 1,300 |
| CIS 1,2-DCE | 1,600 |
| VC | 230 |

| MW-31 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-23 | |
|---|---|
| DATE | 1/20/2013 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-24R | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | 6.1 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | 2.7 |
| PCE | 2.6 |
| TCE | 4.4 |
| CIS 1,2-DCE | 570 |
| VC | <0.19 |

| MW-29 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | 23 |
| ETHYLBEN. | 3,100 |
| TOLUENE | 20 |
| XYLENES | 6,600 |
| PCE | 330 |
| TCE | 110 |
| CIS 1,2-DCE | 5,900 |
| VC | 790 |

| MW-16 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | 1.5 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | 170 |
| VC | 180 |

| MW-14 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| PAN-MW-9 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | <1.6 |
| ETHYLBEN. | 1,100 |
| TOLUENE | <1.4 |
| XYLENES | 2,700 |
| PCE | 17 |
| TCE | 300 |
| CIS 1,2-DCE | 2,100 |
| VC | 190 |

| MW-30 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | 5.6 |
| VC | <0.19 |

| MW-19 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| MW-33 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | <1.6 |
| ETHYLBEN. | 16 |
| TOLUENE | <1.4 |
| XYLENES | 40 |
| PCE | <1.6 |
| TCE | <1.9 |
| CIS 1,2-DCE | 340 |
| VC | 300 |

| IW-18 | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | 60 |
| ETHYLBEN. | 100 |
| TOLUENE | 24 |
| XYLENES | 810 |
| PCE | 19 |
| TCE | 28 |
| CIS 1,2-DCE | 5300 |
| VC | 1900 |

| MW-34 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | 2.4 |
| TCE | <0.19 |
| CIS 1,2-DCE | 14 |
| VC | <0.19 |

| MW-25 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| REVISED TYPE 4 RISK REDUCTION STANDARDS | |
|---|---|
| UNITS | ug/L |
| BENZENE | 9 |
| ETHYLBEN. | 700 |
| TOLUENE | 5,241 |
| XYLENES | 10,000 |
| PCE | 5 |
| TCE | 38 |
| CIS 1,2-DCE | 1,022 |
| VC | 3 |

| MW-18R | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | <0.16 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | <0.20 |
| PCE | <0.16 |
| TCE | <0.19 |
| CIS 1,2-DCE | <0.21 |
| VC | <0.19 |

| LAW-PZ-8R | |
|---|---|
| DATE | 1/19/2014 |
| UNITS | ug/L |
| BENZENE | 1200 |
| ETHYLBEN. | 4000 |
| TOLUENE | 370 |
| XYLENES | 88,000 |
| PCE | 38 |
| TCE | <1.9 |
| CIS 1,2-DCE | 7200 |
| VC | 980 |

| MW-26R | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | 110 |
| ETHYLBEN. | 200 |
| TOLUENE | 11 |
| XYLENES | 7200 |
| PCE | <1.6 |
| TCE | <1.9 |
| CIS 1,2-DCE | 68 |
| VC | <1.9 |

| MW-37 | |
|---|---|
| DATE | 1/20/2014 |
| UNITS | ug/L |
| BENZENE | 14 |
| ETHYLBEN. | <0.19 |
| TOLUENE | <0.14 |
| XYLENES | 1.9 |
| PCE | 30 |
| TCE | 16 |
| CIS 1,2-DCE | 860 |
| VC | 130 |

| | |
|---|---|
| MW-2 | MONITORING WELL LOCATION |
| IW-6 | FORMER INJECTION WELL |
| PZ-28 | PIEZOMETER LOCATION |
| MW-16 | MONITORING WELLS SAMPLED |
| (NL) | WELL NOT LOCATED |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK |
| (ABD) | ABANDONED WELL |
| | STICKUP WELL COMPLETION |
| | FLUSH-TO-GRADE WELL COMPLETION |
| 6,000 | EXCEEDS REVISED TYPE 4 RRS |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

# FIGURE 4-5:
# GROUNDWATER ANALYTICAL RESULTS
## JANUARY 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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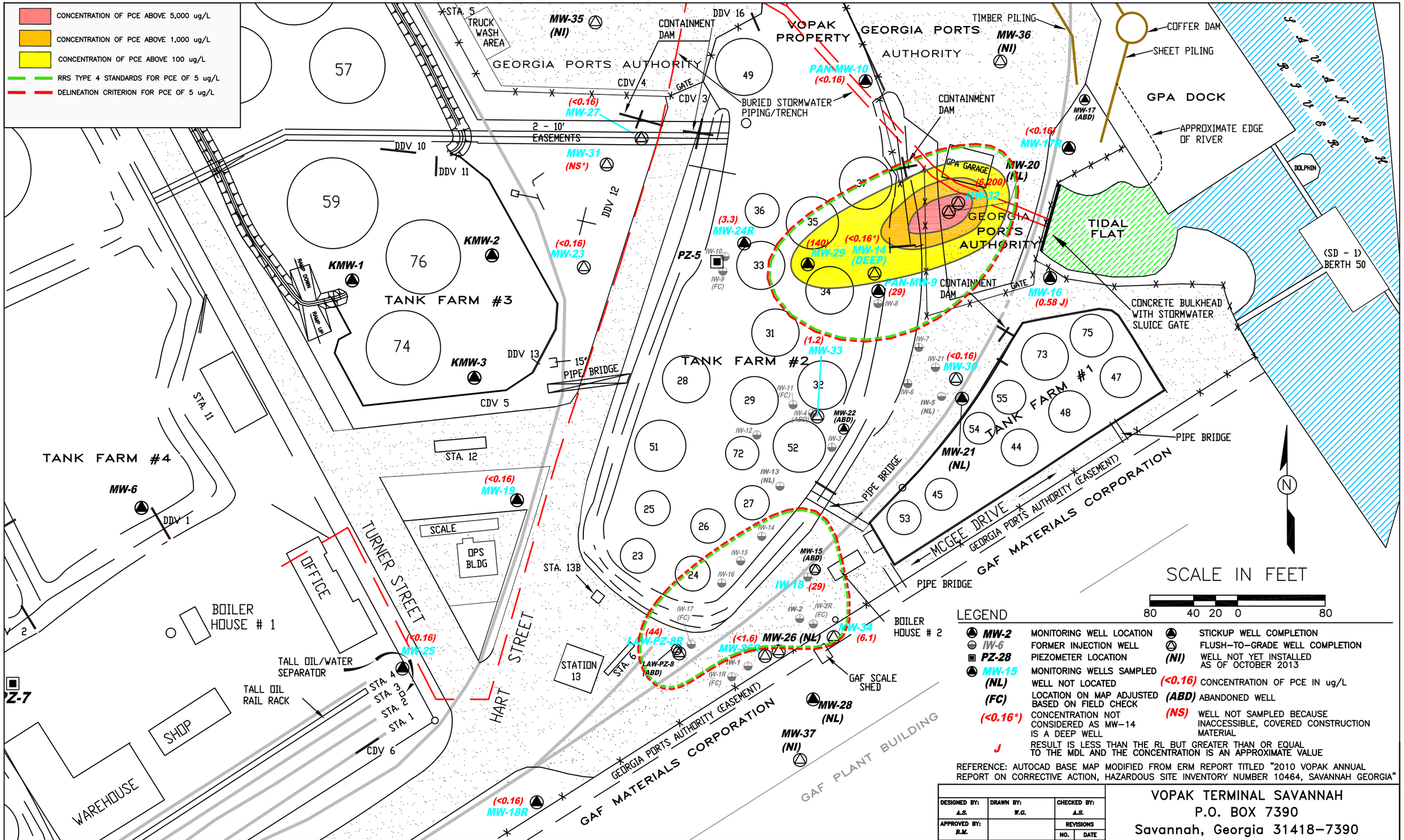
P.O. BOX 7390
Savannah, Georgia 31418-7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 - 8TH MNA SAMPLING | SHEET NO.:




## LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| MW-15 | MONITORING WELLS SAMPLED | (<0.16) | CONCENTRATION OF PCE IN ug/L |
| (NL) | WELL NOT LOCATED | (ABD) | ABANDONED WELL |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK | (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL |
| (<0.16*) | CONCENTRATION NOT CONSIDERED AS MW-14 IS A DEEP WELL | | |
| J | RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE | | |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-6:
PCE PLUME MAP
Oct 1-3, 2013

| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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Savannah, Georgia 31418-7390

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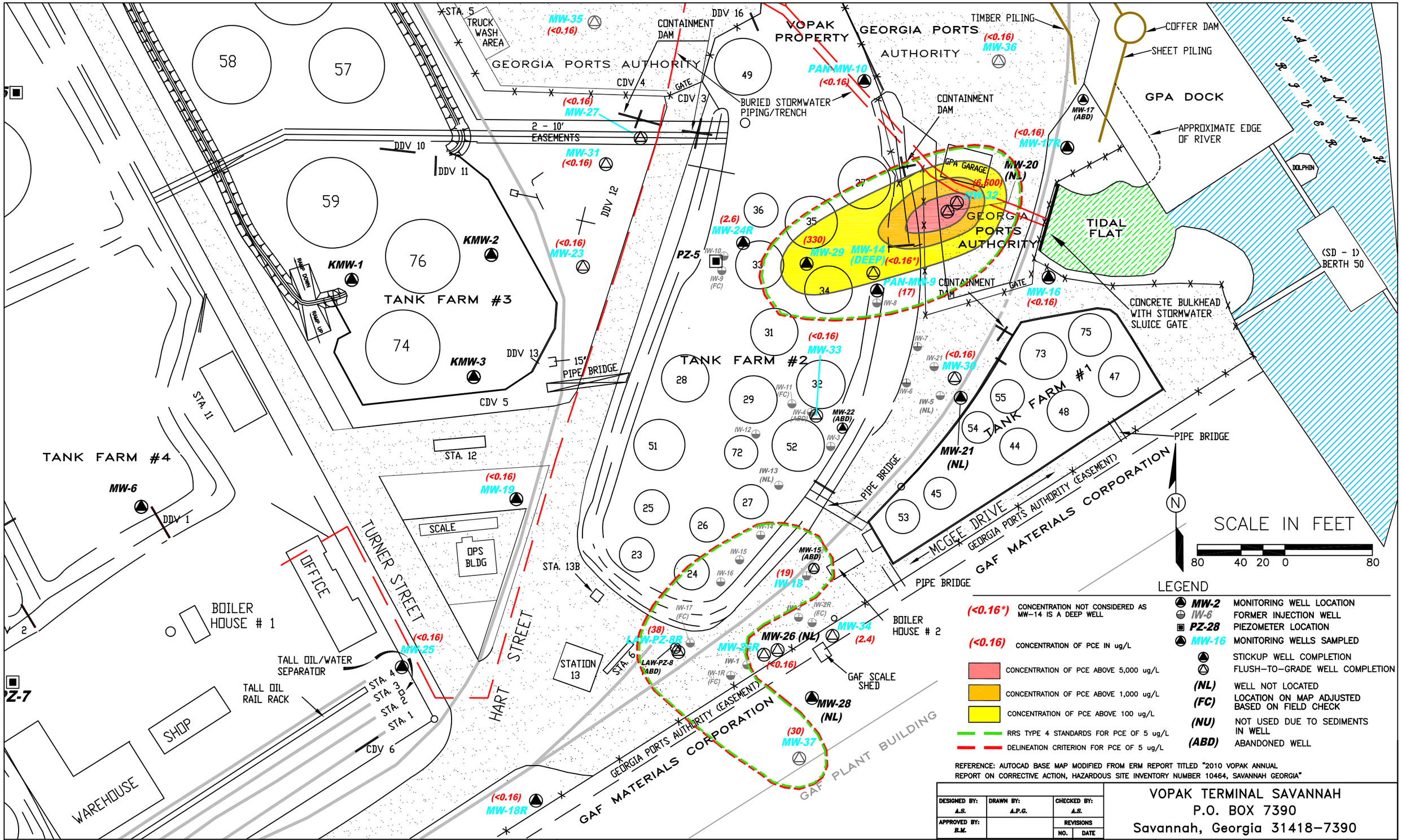
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-7:
PCE PLUME MAP
JAN. 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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Savannah, Georgia 31418-7390

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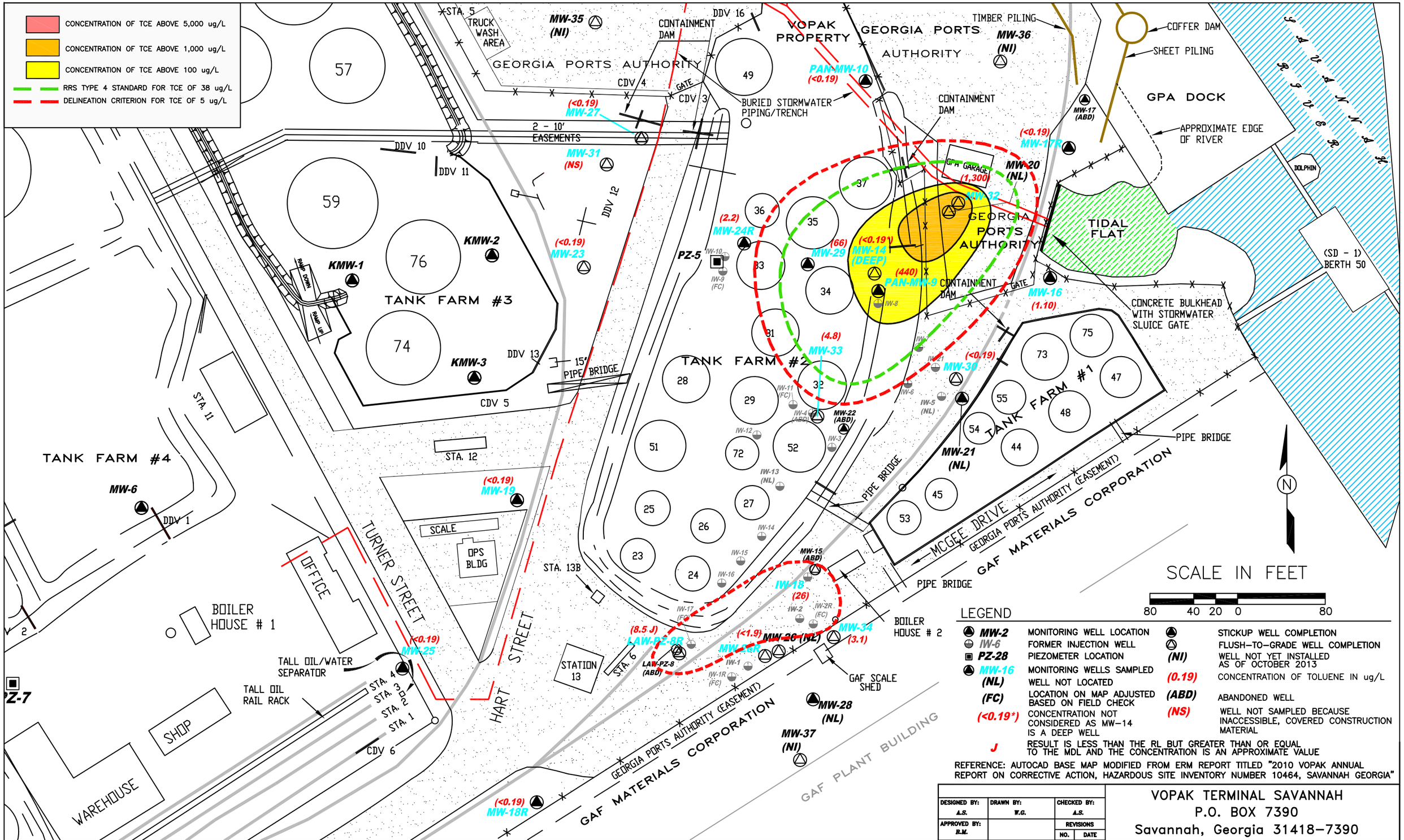
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




## LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| MW-16 | MONITORING WELLS SAMPLED | (0.19) | CONCENTRATION OF TOLUENE IN ug/L |
| (NL) | WELL NOT LOCATED | (ABD) | ABANDONED WELL |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK | (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL |
| (<0.19*) | CONCENTRATION NOT CONSIDERED AS MW-14 IS A DEEP WELL | | |
| J | RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE | | |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-8:
TCE PLUME MAP
OCTOBER 1 – 3, 2013

| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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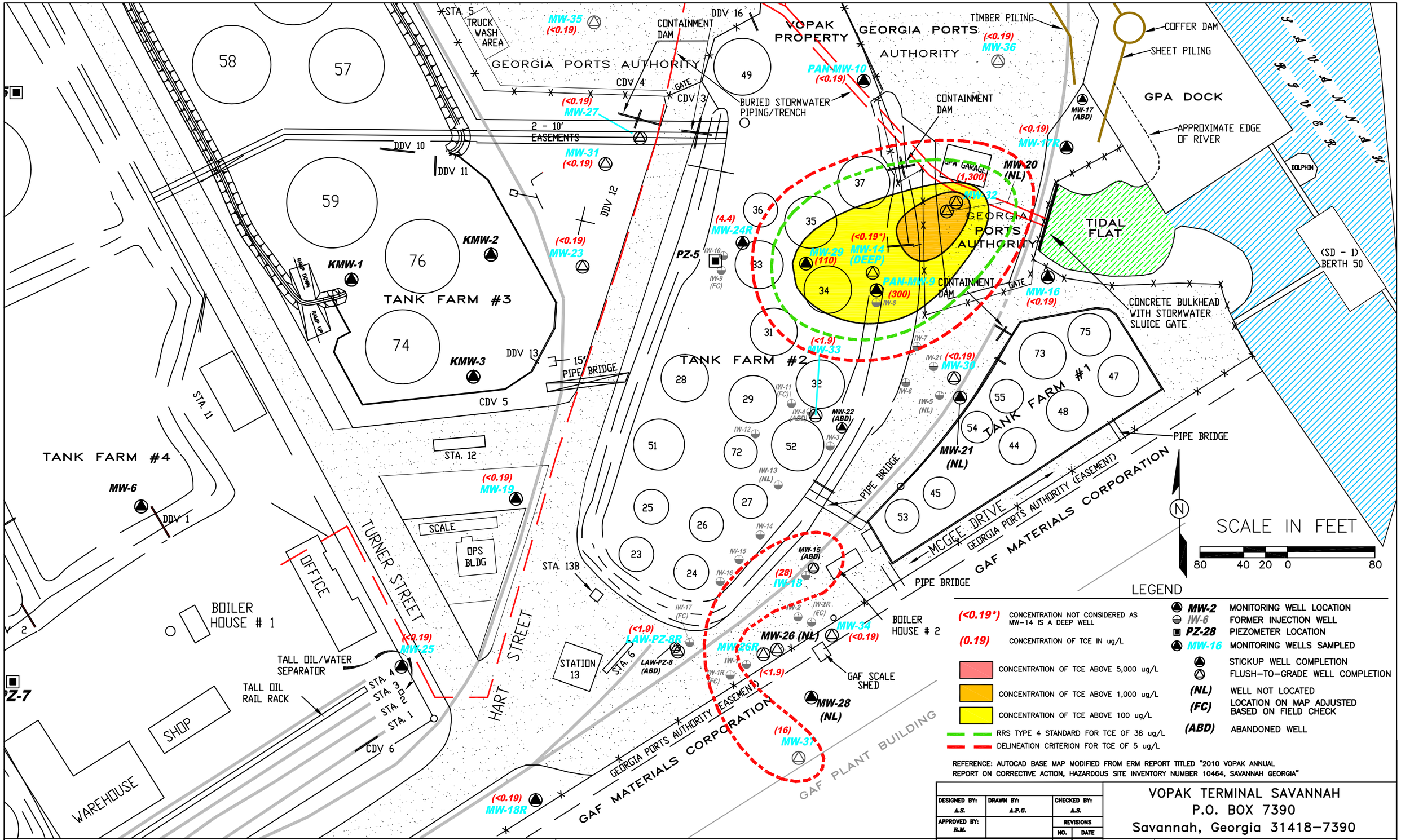
EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 – 7TH MNA SAMPLING | SHEET NO.:




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-9:
TCE PLUME MAP
JAN. 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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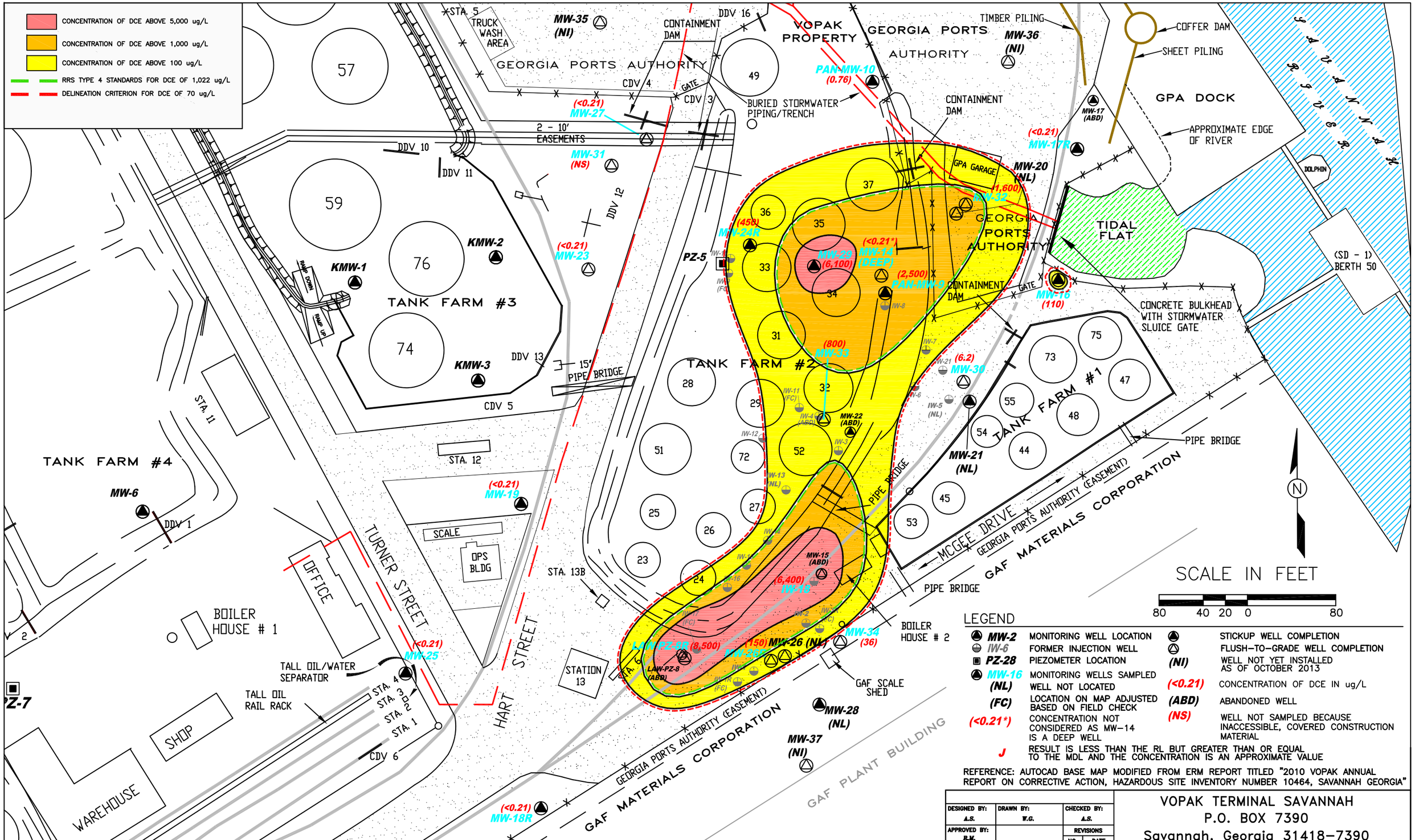
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-10:
CIS 1,2 - DCE PLUME
OCTOBER 1 - 3, 2013

| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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Savannah, Georgia 31418-7390

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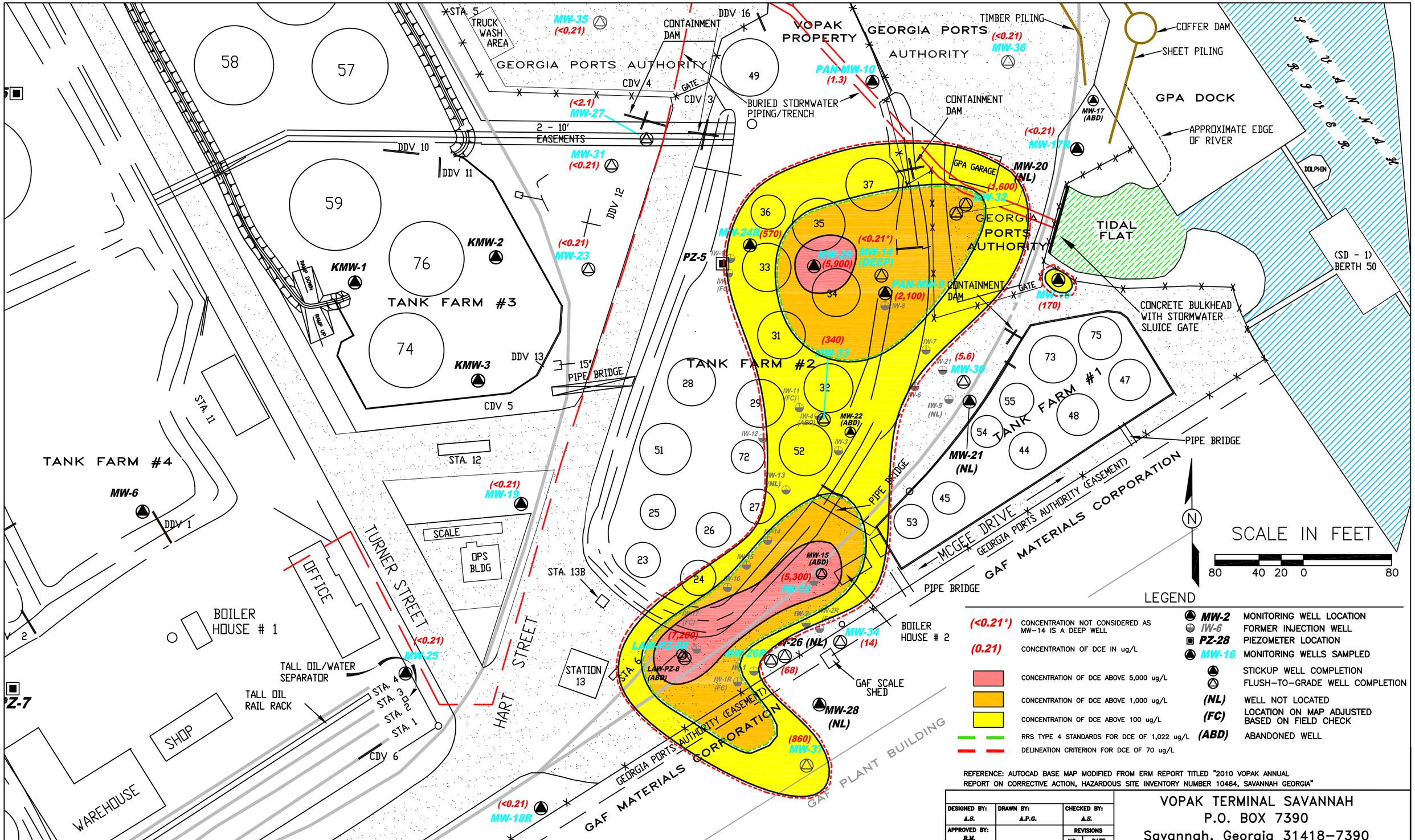
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-11:
CIS 1,2 - DCE PLUME
JAN 19 - 21, 2014

| DESIGNED BY: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| A.S. | A.P.G. | A.S. |
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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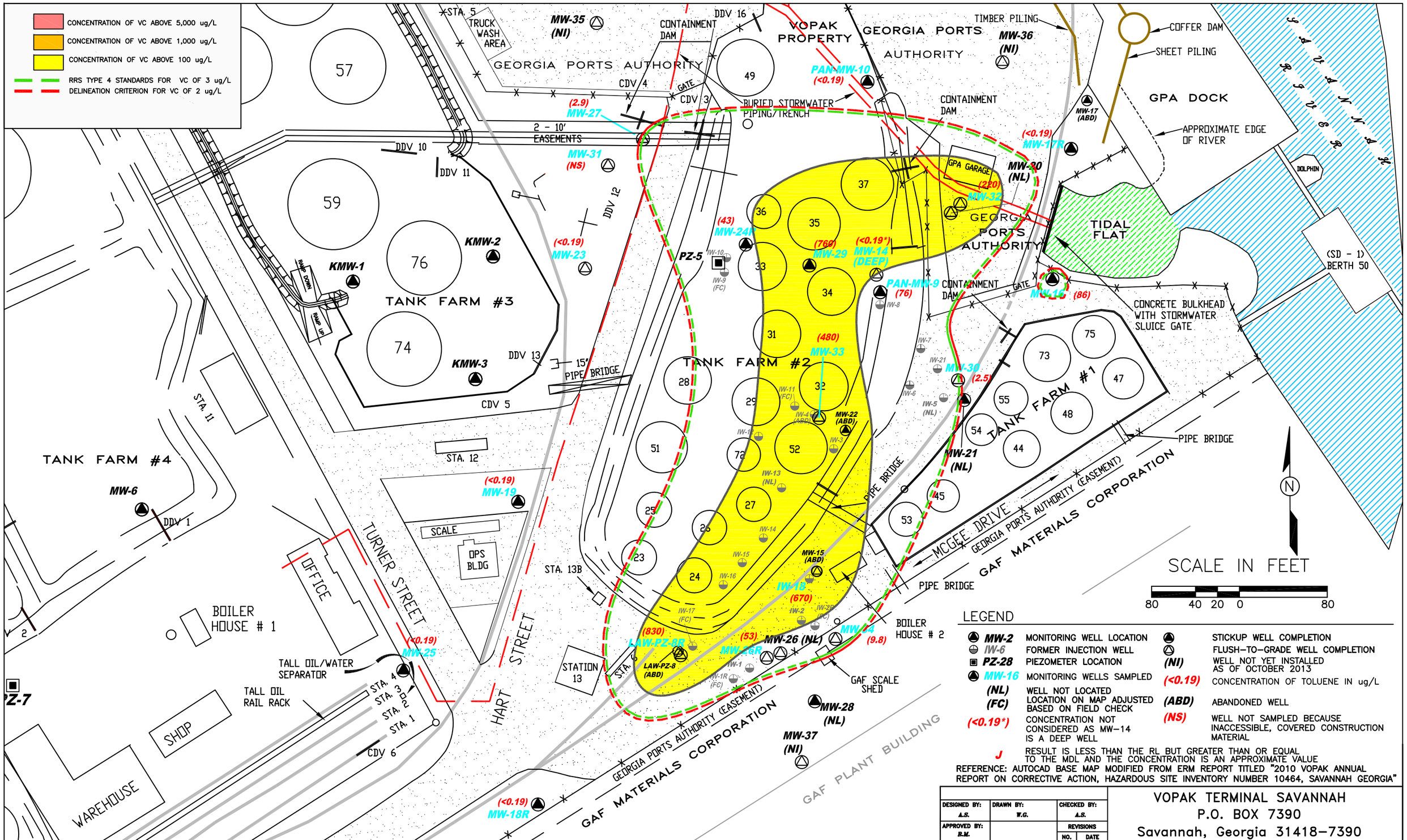
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




## LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| MW-16 | MONITORING WELLS SAMPLED | (<0.19) | CONCENTRATION OF TOLUENE IN ug/L |
| (NL) | WELL NOT LOCATED | (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK |
| (ABD) | ABANDONED WELL | (<0.19*) | CONCENTRATION NOT CONSIDERED AS MW-14 IS A DEEP WELL |
| (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL | J | RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

# FIGURE 4-12: VINYL CHLORIDE PLUME MAP OCTOBER 1 – 3, 2013

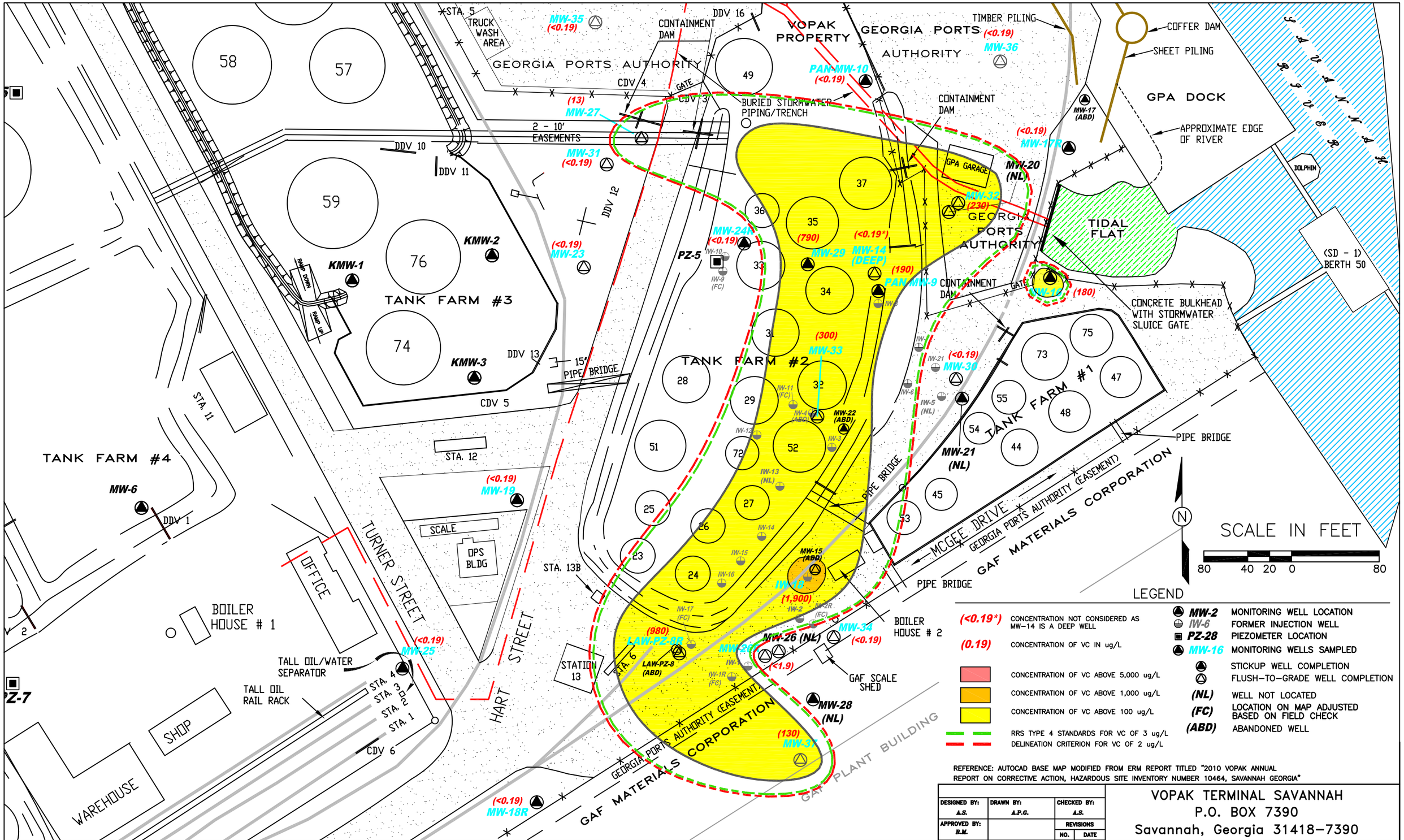
| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-13:
VINYL CHLORIDE PLUME MAP
JAN. 19 – 21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 – 7TH MNA SAMPLING | SHEET NO.:

CONCENTRATION OF BENZENE ABOVE 5,000 ug/L
CONCENTRATION OF BENZENE ABOVE 1,000 ug/L
CONCENTRATION OF BENZENE ABOVE 100 ug/L
RRS TYPE 4 STANDARD FOR BENZENE OF 9 ug/L
DELINEATION CRITERION FOR BENZENE OF 5 ug/L

STA. 5
TRUCK WASH AREA
MW-35 (NI)
CONTAINMENT DAM
DDV 16
VOPAK PROPERTY
GEORGIA PORTS AUTHORITY
TIMBER PILING
MW-36 (NI)
COFFER DAM
SHEET PILING
GEORGIA PORTS AUTHORITY
CDV 4
GATE
CDV 3
PAN-MW-10 (<0.16)
BURIED STORMWATER PIPING/TRENCH
CONTAINMENT DAM
GPA DOCK
MW-17 (ABD)
APPROXIMATE EDGE OF RIVER
(<0.16) MW-27
2 - 10' EASEMENTS
MW-31 (NS)
DDV 10
DDV 11
DDV 12
(<0.16) MW-17R
GPA GARAGE
MW-20 (NL)
(<1.6) MW-32
GEORGIA PORTS AUTHORITY
TIDAL FLAT
DOLPHIN
(SD - 1) BERTH 50
(<0.16) MW-23
KMW-2
KMW-1
TANK FARM #3
RAMP DOWN
RAMP UP
KMW-3
DDV 13
15" PIPE BRIDGE
CDV 5
(6.0) MW-24R
PZ-5
(20) MW-29
(<0.16*) MW-14 (DEEP)
(1.1) PAN-MW-9
CONTAINMENT DAM
GATE
MW-16 (0.83J)
CONCRETE BULKHEAD WITH STORMWATER SLUICE GATE
TANK FARM #2
(1.8) MW-33
(<0.16) MW-30
MW-22 (ABD)
TANK FARM #1
MW-21 (NL)
PIPE BRIDGE
STA. 11
STA. 12
TANK FARM #4
MW-6
DDV 1
(<0.16) MW-19
SCALE
OPS BLDG
TURNER STREET
OFFICE
STA. 13B
PIPE BRIDGE
MCGEE DRIVE
GEORGIA PORTS AUTHORITY (EASEMENT)
GAF MATERIALS CORPORATION
PIPE BRIDGE
BOILER HOUSE # 1
(1,500) LAW-PZ-8R
LAW-PZ-8 (ABD)
(33) MW-26 (NL)
MW-26R
MW-34 (1.3)
BOILER HOUSE # 2
(<0.16) MW-25
TALL OIL/WATER SEPARATOR
TALL OIL RAIL RACK
STA. 4
STA. 3
STA. 2
STA. 1
STATION 13
HART STREET
GAF SCALE SHED
MW-28 (NL)
MW-37 (NI)
PZ-7
SHOP
CDV 6
GEORGIA PORTS AUTHORITY (EASEMENT)
GAF MATERIALS CORPORATION
GAF PLANT BUILDING
WAREHOUSE
(<0.16) MW-18R

SCALE IN FEET
80 40 20 0 80

LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| MW-16 | MONITORING WELLS SAMPLED | (<0.16) | CONCENTRATION OF BENZENE IN ug/L |
| (NL) | WELL NOT LOCATED | (ABD) | ABANDONED WELL |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK | (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL |
| (<0.16*) | CONCENTRATION NOT CONSIDERED AS MW-14 IS A DEEP WELL | | |
| J | RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE | | |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-14:
BENZENE PLUME MAP
Oct 1-3, 2013

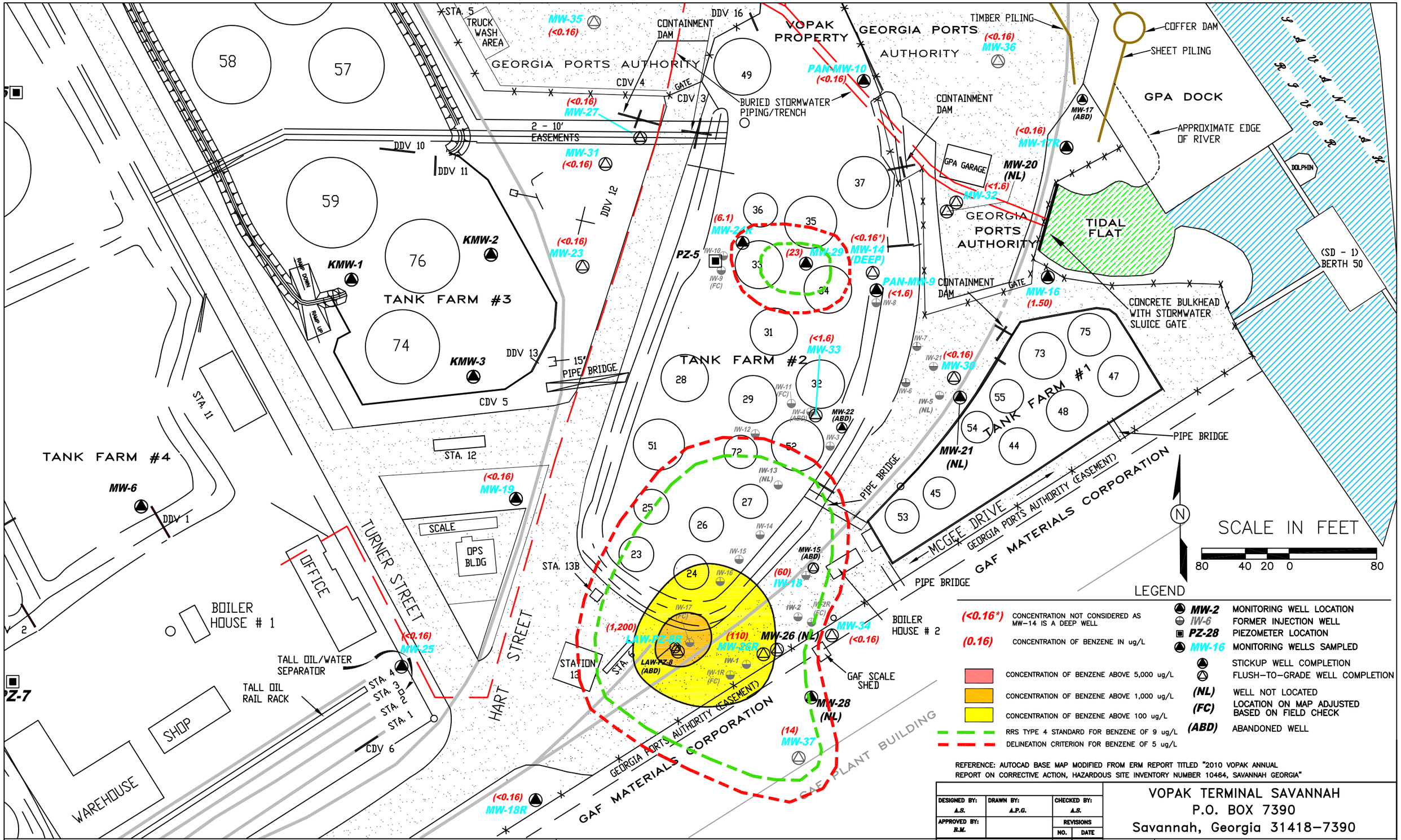
| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 - 7TH MNA SAMPLING | SHEET NO.:




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-15:
BENZENE PLUME MAP
JAN. 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

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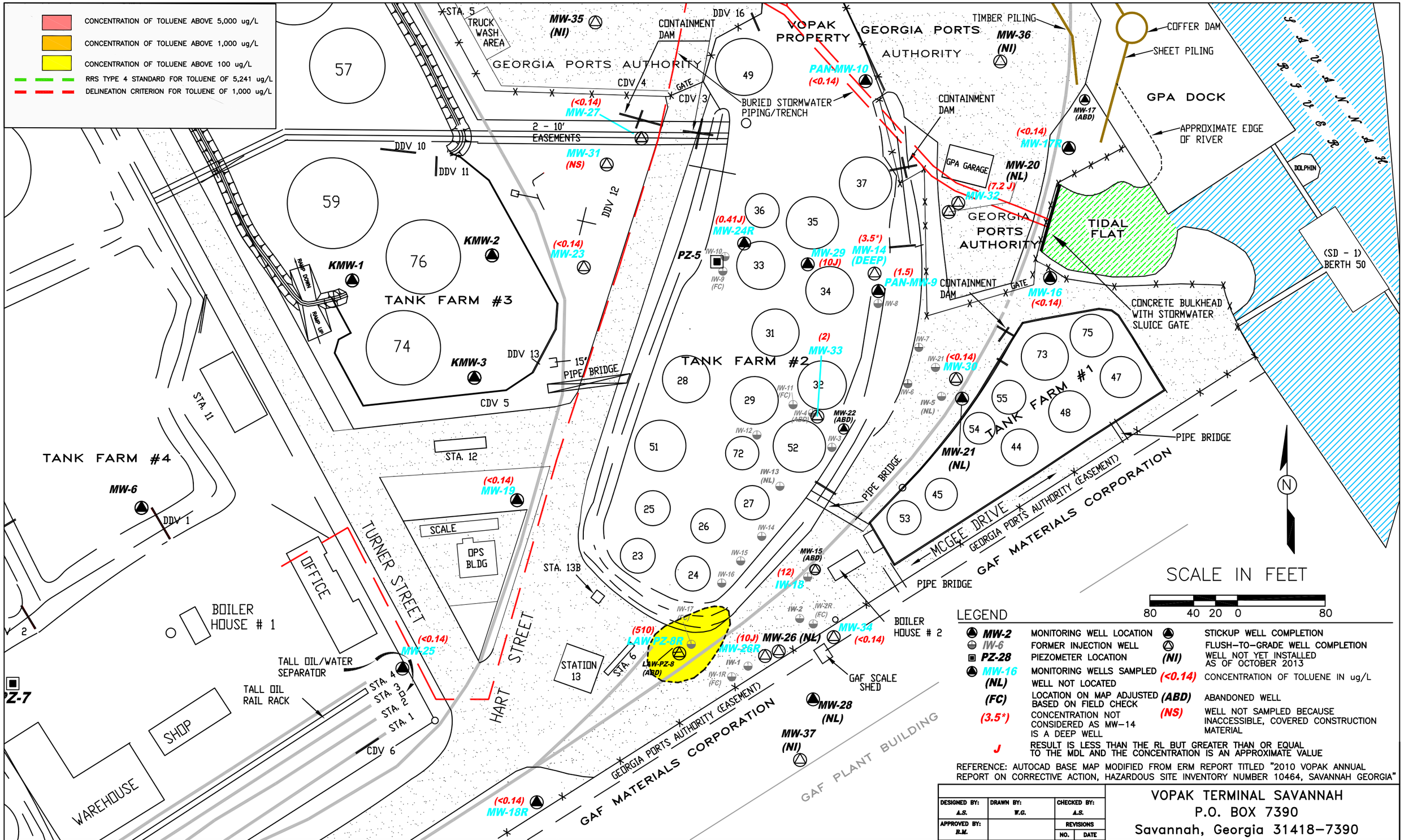
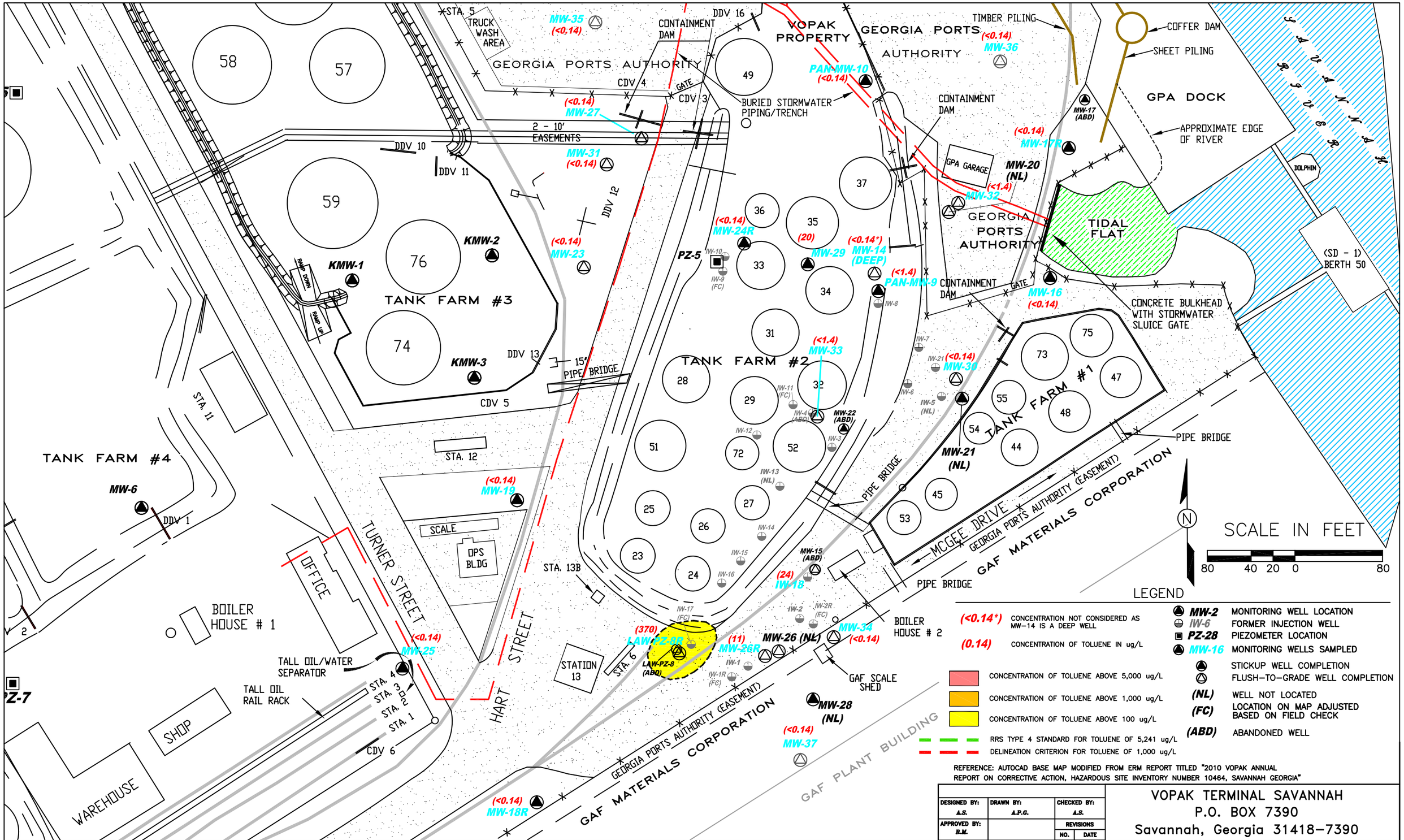
EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-16:
TOLUENE PLUME MAP
Oct 1-3, 2013




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-17:
TOLUENE PLUME MAP
JAN. 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

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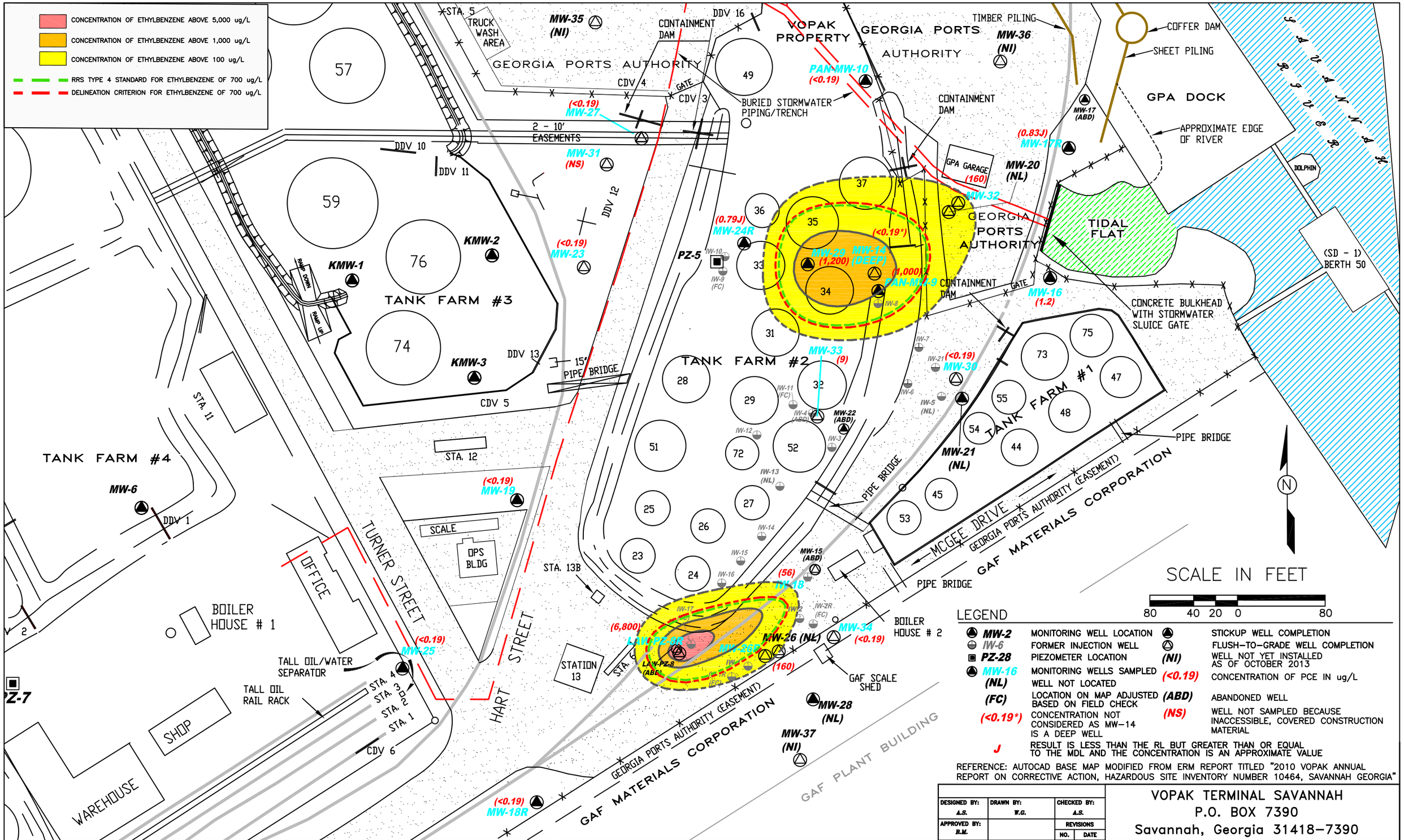
Savannah, Georgia 31418-7390

EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




## LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| MW-16 | MONITORING WELLS SAMPLED | (<0.19) | CONCENTRATION OF PCE IN ug/L |
| (NL) | WELL NOT LOCATED | (ABD) | ABANDONED WELL |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK | (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL |
| (<0.19*) | CONCENTRATION NOT CONSIDERED AS MW-14 IS A DEEP WELL | | |
| J | RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE | | |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

# FIGURE 4-18: ETHYLBENZENE PLUME MAP Oct 1-3, 2013

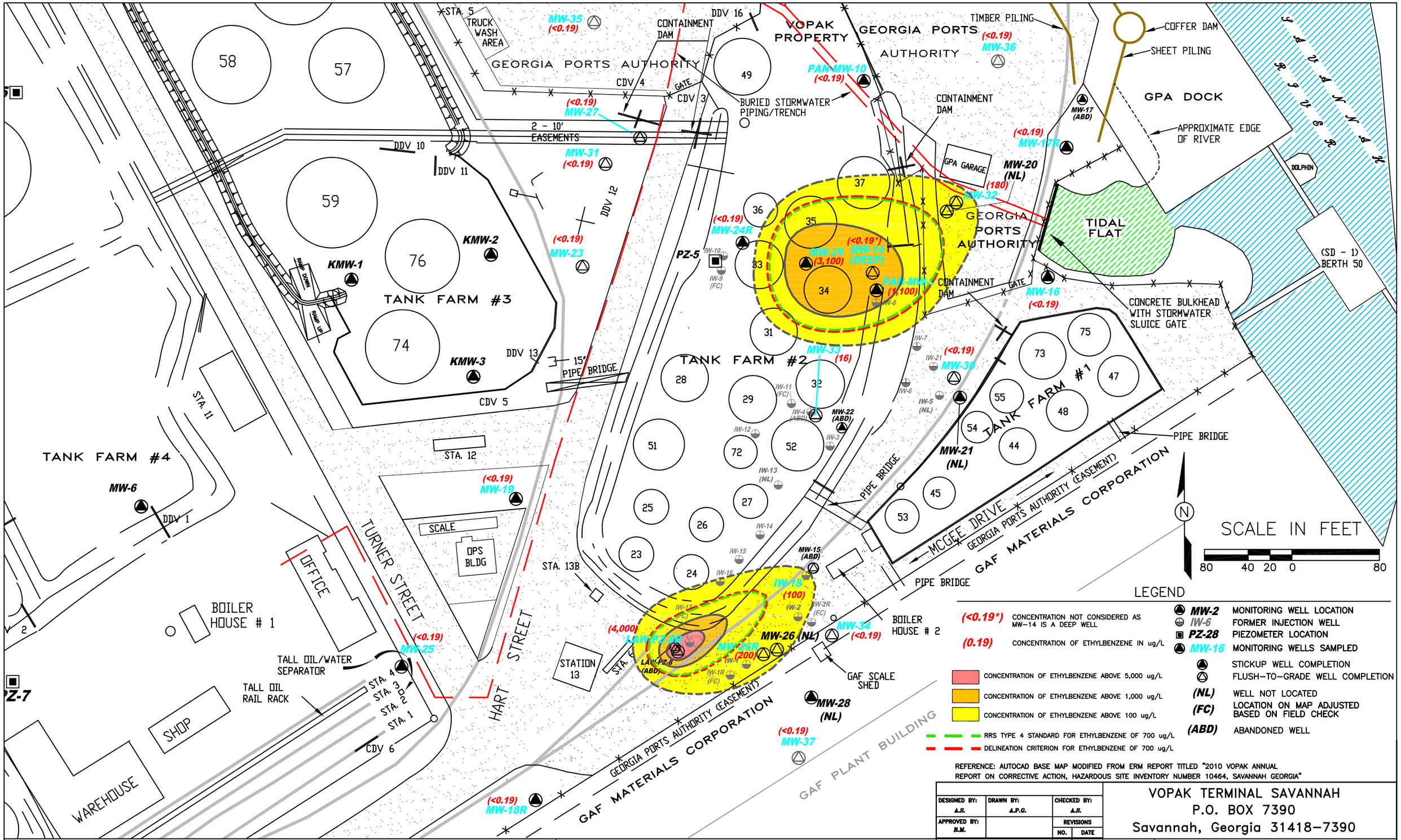
| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 - 7TH MNA SAMPLING | SHEET NO.:




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-19:
ETHYLBENZENE PLUME MAP
JAN. 19-21, 2014

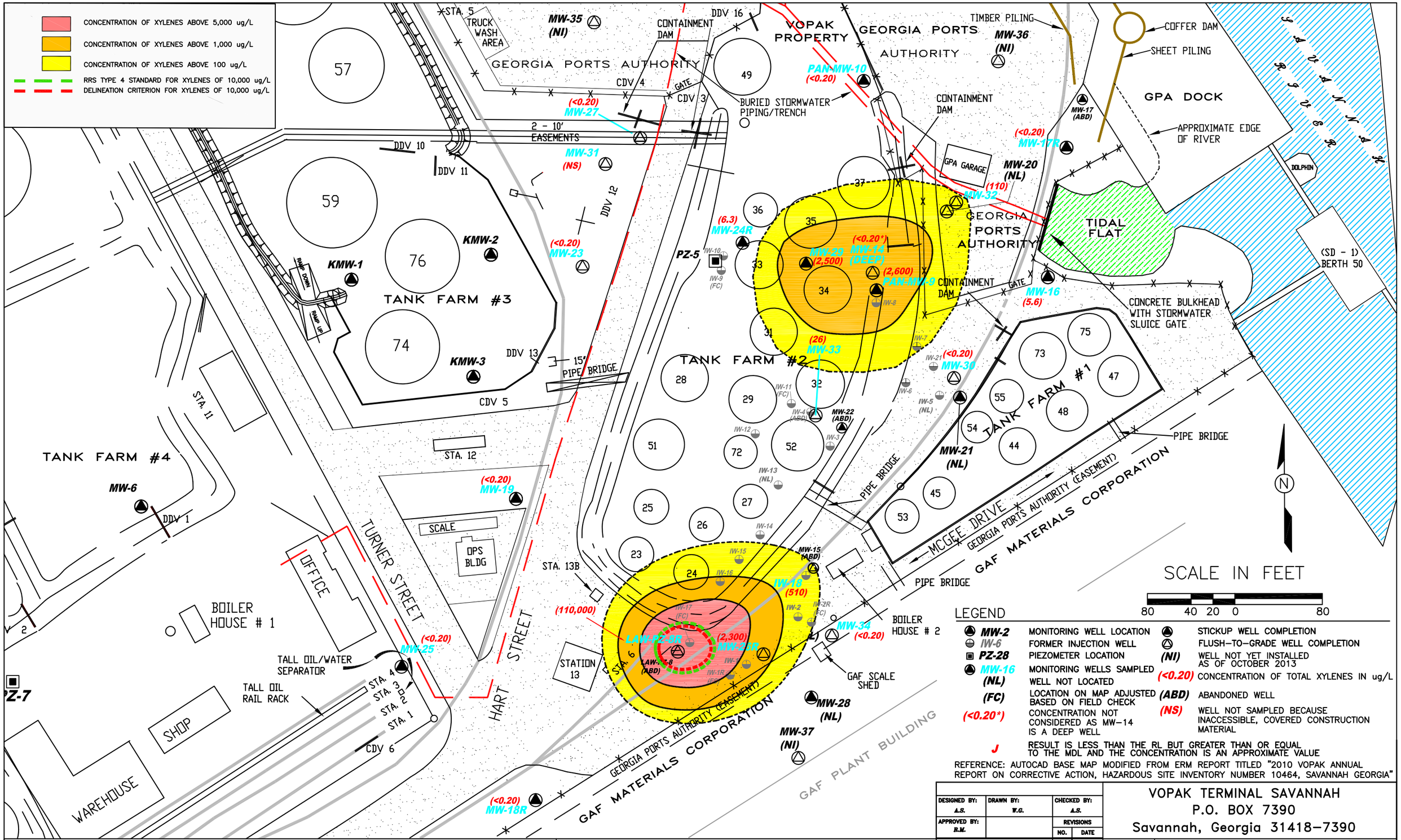
| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 - 7TH MNA SAMPLING | SHEET NO.:




## LEGEND

| | | | |
|---|---|---|---|
| MW-2 | MONITORING WELL LOCATION | | STICKUP WELL COMPLETION |
| IW-6 | FORMER INJECTION WELL | | FLUSH-TO-GRADE WELL COMPLETION |
| PZ-28 | PIEZOMETER LOCATION | (NI) | WELL NOT YET INSTALLED AS OF OCTOBER 2013 |
| MW-16 | MONITORING WELLS SAMPLED | (<0.20) | CONCENTRATION OF TOTAL XYLENES IN ug/L |
| (NL) | WELL NOT LOCATED | (ABD) | ABANDONED WELL |
| (FC) | LOCATION ON MAP ADJUSTED BASED ON FIELD CHECK | (NS) | WELL NOT SAMPLED BECAUSE INACCESSIBLE, COVERED CONSTRUCTION MATERIAL |
| (<0.20*) | CONCENTRATION NOT CONSIDERED AS MW-14 IS A DEEP WELL | | |
| J | RESULT IS LESS THAN THE RL BUT GREATER THAN OR EQUAL TO THE MDL AND THE CONCENTRATION IS AN APPROXIMATE VALUE | | |

REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-20:
TOTAL XYLENES PLUME MAP
Oct 1-3, 2013

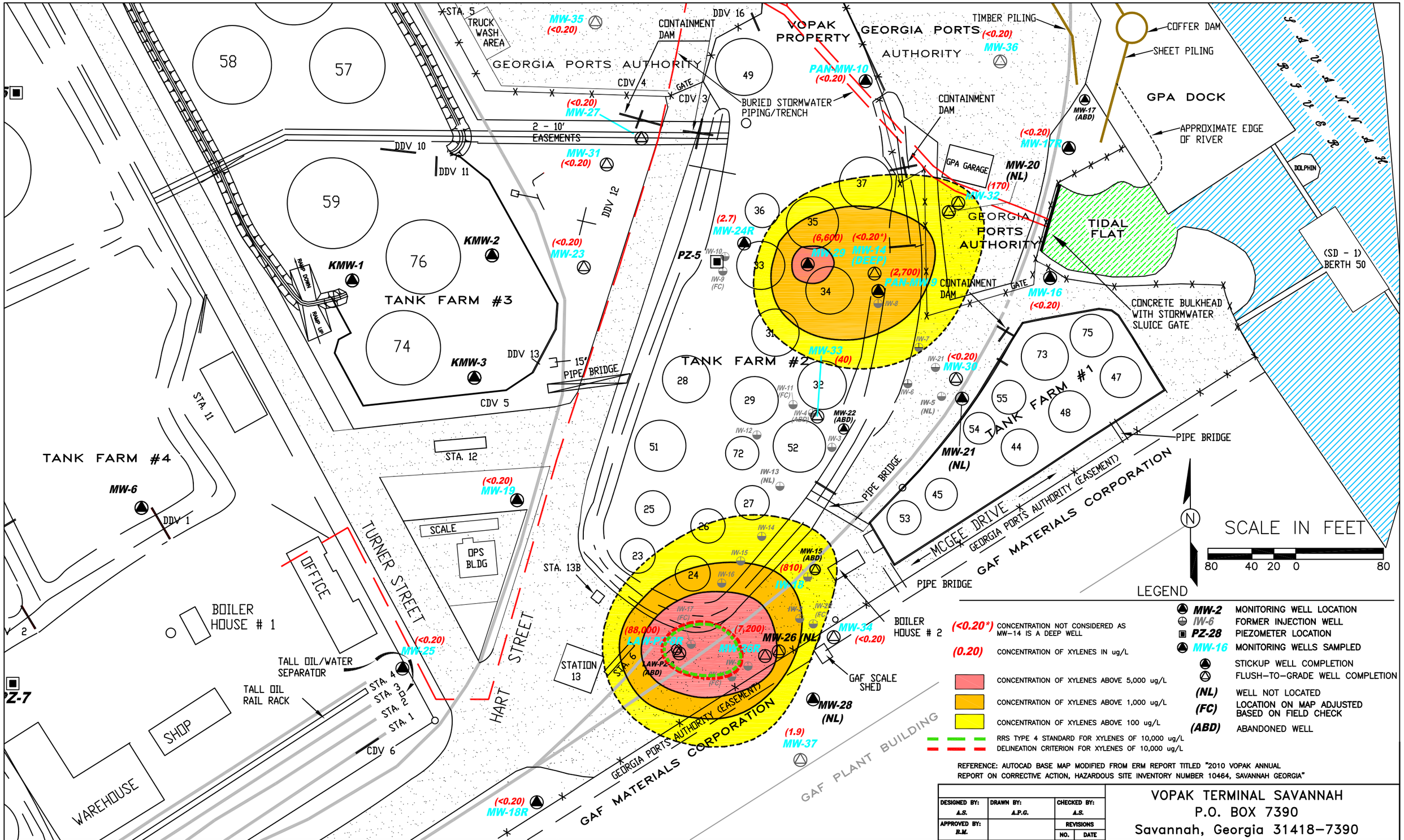
| DESIGNED BY: A.S. | DRAWN BY: W.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 02/25/2014 | 390020 - 7TH MNA SAMPLING | |




REFERENCE: AUTOCAD BASE MAP MODIFIED FROM ERM REPORT TITLED "2010 VOPAK ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH GEORGIA"

NOTES: ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL","FC","KMW" WELLS, AND MW-15), IW-18, FENCE LINES BTWN VOPAK AND GPA, GPA EASEMENT AND TANKS 32, 34, 37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. (EMC) ON 6/30/2011. MONITORING WELLS, MW-14, MW-26R, MW-30, MW-33, AND INJECTION WELLS ("IW"), IW2-R, IW5-R, IW-6, IW-7, IW-8, AND IW-21 WERE ADJUSTED BASED ON SURVEY CONDUCTED BY EMC ON 1/24/2013. SHEET PILING, TIMBER PILING, STORMWATER PIPES AND RAIL ROAD FEATURES WERE DRAWN BASED ON AS-BUILT DRAWINGS PROVIDED BY THE GEORGIA PORTS AUTHORITY. THE ABONDONMENT OF IW-2 WAS HALTED IN DEC. 2013 AFTER THE DISCOVERY OF A NEARBY RHODIMET PIPELINE. THEREFORE, IW-2 IS CURRENTLY PARTIALLY ABANDONED. MW-35, MW-36, AND MW-37 WERE PLOTTED BASED ON SURVEY CONDUCTED BY EMC ON 1/20/2014.

FIGURE 4-21:
TOTAL XYLENES PLUME MAP
JAN. 19-21, 2014

| DESIGNED BY: A.S. | DRAWN BY: A.P.G. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

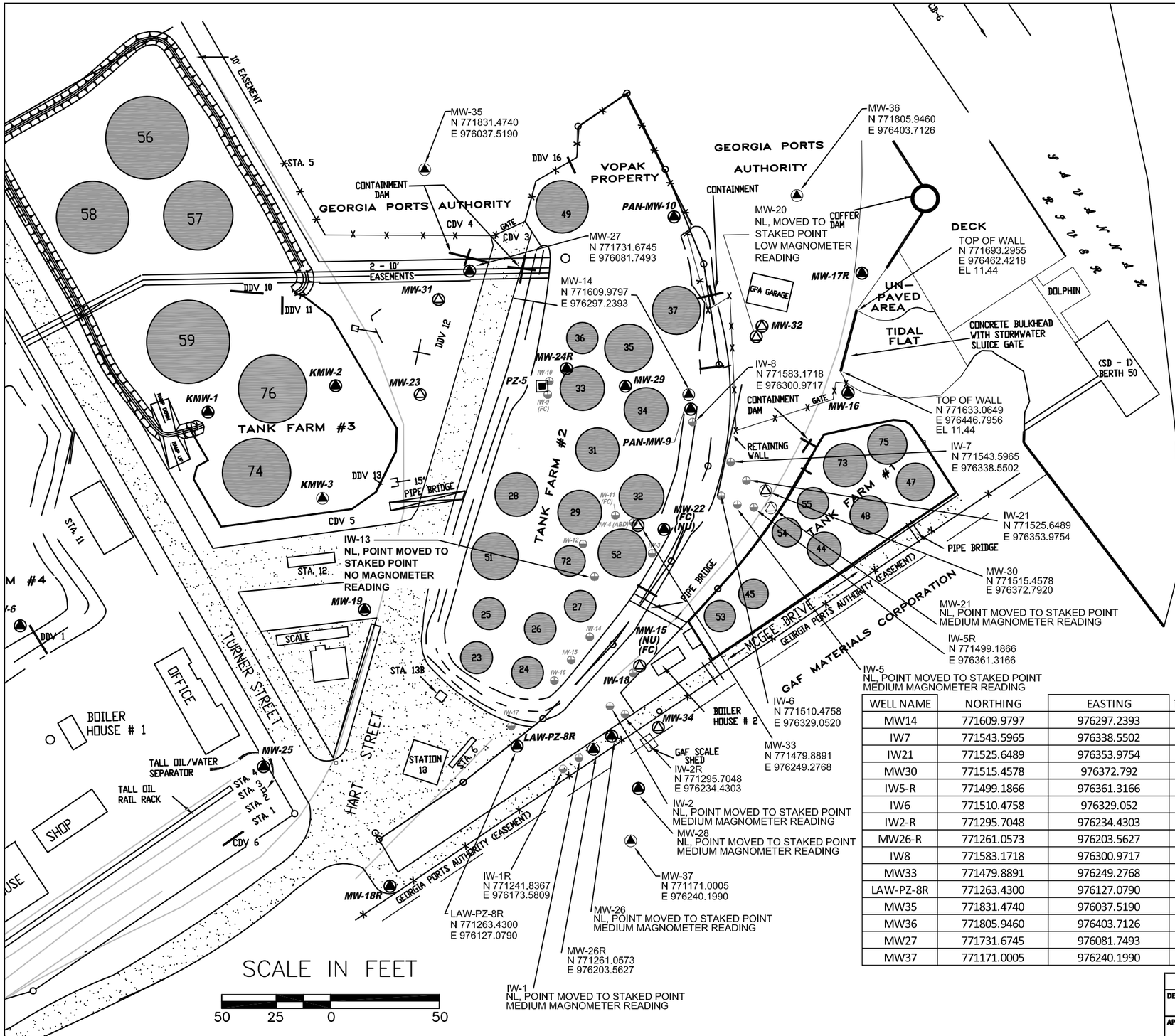
EIC
ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 02/25/2014 | FILE: 390020 - 7TH MNA SAMPLING | SHEET NO.:

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# ATTACHMENT A




## LEGEND

- **MW-2** MONITORING WELL LOCATION
- **PZ-28** PIEZOMETER LOCATION
- **IW-8** FORMER INJECTION WELL
- **MW-15** WELLS SAMPLED
- STICKUP WELL COMPLETION
- FLUSH–TO–GRADE WELL COMPLETION

- **(ABD)** ABANDONED WELL
- **(NU)** NOT USED DUE TO SEDIMENTS IN WELL
- **(NL)** WELL NOT LOCATED
- **(FC)** LOCATION ON MAP ADJUSTED TO APPROXIMATE LOCATION BASED ON FIELD CHECK

GEORGIA REGISTERED No. 2345 LAND SURVEYOR CHARLES W. TUTEN, JR.
2-27-14

| WELL NAME | NORTHING | EASTING | TOP OF CASE 88 DATUM | GROUND EL. 88 DATUM | TOP OF CASE 29 DATUM | GROUND EL. 29 DATUM |
|---|---|---|---|---|---|---|
| MW14 | 771609.9797 | 976297.2393 | 7.76 | 7.98 | 8.86 | 9.08 |
| IW7 | 771543.5965 | 976338.5502 | 10.34 | 10.47 | 11.44 | 11.57 |
| IW21 | 771525.6489 | 976353.9754 | 10.40 | 10.54 | 11.50 | 11.64 |
| MW30 | 771515.4578 | 976372.792 | 10.13 | 10.43 | 11.23 | 11.53 |
| IW5-R | 771499.1866 | 976361.3166 | 10.05 | 10.27 | 11.15 | 11.37 |
| IW6 | 771510.4758 | 976329.052 | 9.44 | 9.59 | 10.54 | 10.69 |
| IW2-R | 771295.7048 | 976234.4303 | 9.57 | 10.11 | 10.67 | 11.21 |
| MW26-R | 771261.0573 | 976203.5627 | 9.49 | 9.85 | 10.59 | 10.95 |
| IW8 | 771583.1718 | 976300.9717 | 12.16 | 8.65 | 13.26 | 9.75 |
| MW33 | 771479.8891 | 976249.2768 | 7.86 | 7.76 | 8.96 | 8.86 |
| LAW-PZ-8R | 771263.4300 | 976127.0790 | 8.12 | 8.49 | 9.22 | 9.59 |
| MW35 | 771831.4740 | 976037.5190 | 9.30 | 9.54 | 10.40 | 10.64 |
| MW36 | 771805.9460 | 976403.7126 | 9.32 | 9.45 | 10.42 | 10.55 |
| MW27 | 771731.6745 | 976081.7493 | 8.28 | 8.49 | 9.38 | 9.59 |
| MW37 | 771171.0005 | 976240.1990 | 10.47 | 10.50 | 11.57 | 11.60 |

NOTES:
1. ONLY WELLS SHOWN IN TABLE WHERE LOCATED AS PART OF THIS SURVEY
2. 1929 DATUM WAS OBTAINED BY ADDING 0.96' TO 1988 DATUM
3. BACKGROUND INFORMATION WAS PROVIDED BY ENVIRONMENTAL INTERNATIONAL CORPORATION

# BASE MAP

| DESIGNED BY: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| A.S. | S.K. | A.S. |
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418–7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

SCALE: SEE BAR SCALE | DATE: 1/28/2013 | FILE: 390033 – VTSI SURVEY | SHEET NO.:

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# ATTACHMENT B

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG



WELL/SAMPLE NO: LAW-PZ-8R

DATE: 10/3/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Partly cloudy ~88°F No wind, In direct sun

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 1.80 FT. to 11.80 FT.

INITIAL WATER LEVEL (BTOC): 6.92 FT. | TIME: 12:19 | BTOC WELL SCREEN INTERVAL: 6.10 FT. to 16.10 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.88 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 15.88 FT. | HEIGHT OF STICK-UP: 4.3 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 1.0 BENEATH OUTER CAP: 0.9 BENEATH INNER CAP: 37.1

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 12:31 | 0 | 25.96 | 5.73 | 62 | 0.852 | 720 | 2.87 | NA | First pull has gray tint |
| 12:36 | 680 | 30.53 | 5.70 | -14 | 0.870 | 797 | 1.80 | NA | Some tan bacteria |
| 12:42 ~~12:41~~ | 1580 | 30.59 | 5.66 | -30 | 0.883 | 742 | 1.20 | NA | Some air bubbles coming up |
| 12:47 | 2360 | 30.9 | 5.68 | -37 | 0.891 | 672 | 0.99 | NA | |
| 12:52 | 3320 | 30.70 | 5.67 | -39 | 0.900 | 589 | 0.4 | NA | |
| 12:57 | 3880 | 30.95 | 5.66 | -41 | 0.899 | 567 | 0.41 | NA | |
| 13:03 ~~13:02~~ ~~12:~~ | 4920 | 31.30 | 5.68 | -45 | 0.910 | 361 | 0.4 | NA | |
| 13:10 | 5840 | 31.51 | 5.65 | -45 | 0.909 | 385 | 0.39 | NA | |
| 13:15 | 6200 | 31.52 | 5.63 | -42 | 0.910 | 310 | 0.36 | NA | |
| 13:17 | | | | | | | | 7.41 | |

COMMENTS:

SAMPLE COLLECTION TIME: 13:20

PREPARED BY: Patrick Gragson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 11.5 |
| Final tubing depth (ft.) BTOC | 11.5 |
| Initial pump speed | 4.04 |
| Time pump speed was initialized | 12:27 |
| Pump speed at flow into cylinder | 4.04 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| Time | 12:45 | 12:58 | 13:15 | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | 4000 | 6200 | | | | | |

Additional remarks: gauged from black mark on North side of TOC

Very soft bottom when DTB measurement taken. Probe had black, slippery, and gritty substance on tip after DTB, no odor detected

water is gray/black in cylinder
small bubbles on inside of tubing

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: PAN-MW-9

DATE: 10/1/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: clear skies ~82°F slight South breeze

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.00 FT. to 13.00 FT.

INITIAL WATER LEVEL (BTOC): 6.66 FT. TIME: 10:23 | BTOC WELL SCREEN INTERVAL: 6.25 FT. to 16.25 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.78 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 14.77 FT. | HEIGHT OF STICK-UP: 3.25 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.7 BENEATH OUTER CAP: 0.7 BENEATH INNER CAP: 34.2 - Odor of turpentine

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:44 | Ø | 23.05 | 4.99 | 100 | 0.771 | 70.1 | 2.75 | 7.59 | black particle in first pull |
| 10:49 | 700 | 24.04 | 4.96 | 89 | 0.714 | 62.4 | 2.60 | 8.09 | water is clear though |
| 10:54 | 1420 | 24.87 | 4.98 | 80 | 0.673 | 60.8 | 2.19 | 8.77 | |
| 10:59 | 2200 | 25.43 | 4.96 | 74 | 0.660 | 41.9 | 1.96 | 9.28 | |
| 11:04 | 2800 | 25.93 | 4.93 | 71 | 0.670 | 44.4 | 1.87 | 9.61 | |

COMMENTS:

SAMPLE COLLECTION TIME: 11:08

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | ~~5.0~~ 12.0 |
| Final tubing depth (ft.) BTOC | 12.0 |
| Initial pump speed | 4.08 |
| Time pump speed was initialized | 10:40 |
| Pump speed at flow into cylinder | 4.08 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

Reasonable attempts were made to lower Turbidity below 10 NTUs but due to time constraints, samples were collected

Pump speed slowed due to water level dropping
2260mL 11:00 → 3.53

2,000 mL volume poured into bucket:

| Time | 10:57 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: Water in cylinder is slightly cloudy w/ a yellowish/tan tint
Orange bacteria on tip of tubing when removed for sampling ~1" cut off
sample bottles have some tan + black bacteria in them
soft bottom when DTB taken chloride + TDS sample collected

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: PAN-MW-10

DATE: 10/2/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny, clear day, little wind ~70°

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.00 FT. to 13.00 FT.

INITIAL WATER LEVEL (BTOC): 10.28 FT. TIME: 08:14 | BTOC WELL SCREEN INTERVAL: 6.68 FT. to 16.68 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.93 FT. | MEASURED TOTAL WELL DEPTH (BTO 15.9 FT. | HEIGHT OF STICK-UP: 3.68 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.00 BENEATH OUTER CAP: 0.3 BENEATH INNER CAP: 0.5

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 08:30 | 0 | 21.55 | 6.3 | 205 | 0.464 | 31 | 3.64 | 10.37 | first pull is clear |
| 08:35 | 500 | 22.64 | 6.13 | 204 | 0.455 | 42.4 | 2.40 | 10.36 | |
| 08:40 | 1060 | 23.09 | 6.10 | 201 | 0.452 | 47.9 | 2.31 | 10.36 | |
| 08:45 | 1640 | 23.33 | 6.08 | 199 | 0.451 | 40.6 | 1.87 | 10.36 | |

COMMENTS:

SAMPLE COLLECTION TIME: 08:47

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 13 |
| Final tubing depth (ft.) BTOC | 13 |
| Initial pump speed | 3.53 |
| Time pump speed was initialized | 08:25 |
| Pump speed at flow into cylinder | 3.53 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

13 ft

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: clear in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW14

DATE: 10/2/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny, clear skies, ~85°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 39.44 FT. to 49.57 FT.

INITIAL WATER LEVEL (BTOC): 6.17 FT. TIME: 10:37 | BTOC WELL SCREEN INTERVAL: 39.44 FT. to 49.57 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): FT. | MEASURED TOTAL WELL DEPTH (BTOC): 49.57 FT. | HEIGHT OF STICK-UP: 0.00 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.1 BENEATH OUTER CAP: 0.2 BENEATH INNER CAP: 0.9

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:54 | 0 | 22.39 | 6.77 | 64 | 0.570 | 23.4 | 2.57 | 6.95 | first pull was clear |
| 10:59 | 1440 | 22.18 | 7.26 | 20 | 0.571 | 20.3 | 1.23 | 7.71 | gauged at black mark on |
| 11:04 | 2780 | 22.18 | 7.3 | 13 | 0.571 | 14.0 | 0.91 | 8.13 | top of casing |
| 11:10 | 4340 | 22.20 | 7.31 | 7 | 0.571 | 9.6 | 0.73 | 8.39 | |

COMMENTS:

SAMPLE COLLECTION TIME: 11:11

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 47 |
| Initial tubing depth (ft.) BTOC | 45 |
| Final tubing depth (ft.) BTOC | 45 |
| Initial pump speed | 6.55 |
| Time pump speed was initialized | 10:51 |
| Pump speed at flow into cylinder | 6.55 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

$\frac{49.57 - 39.44}{2} = 5.07$

0.589 in³/ft tubing

2.52 cm = 1 in

49.51

$\frac{16\ cm^3}{1\ in^3}(0.589\ in^3/ft\ tube) = 9.43\ cm^3/ft\ tube$

2,000 mL volume poured into bucket:

| Time | 11:06 | 11:08 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | 4000 | | | | | | |

Additional remarks: lightly cloudy in cylinder

Chloride + TDS samples collected

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-16

DATE: 10/3/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Scattered Clouds ~ 75°F No breeze

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 4.95 FT. to 14.95 FT.

INITIAL WATER LEVEL (BTOC): 11.86 FT. | TIME: 9:05 | BTOC WELL SCREEN INTERVAL: 8.13 FT. to 18.13 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 13.98 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 14.02 FT. | HEIGHT OF STICK-UP: 3.18 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 4.0 BENEATH OUTER CAP: 4.1 BENEATH INNER CAP: 5.8

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 9:29 | 0 | 21.69 | 5.92 | 118 | 0.523 | 112 | 2.21 | NA | First pull is clear |
| 9:34 | ~~360~~ 360 | ~~22.16~~ 22.16 | 5.78 | 66 | 0.525 | 93.2 | 1.35 | NA | ~~orange bacteria in cylinder~~ |
| 9:39 | 660 | 22.35 | 5.76 | 35 | 0.528 | 72.5 | 1.10 | NA | water in cylinder is slightly cloudy with a tan tint |
| 9:44 | 960 | 22.52 | 5.75 | 23 | 0.533 | 59.4 | 0.93 | NA | |
| 9:49 | 1300 | 22.54 | 5.65 | 23 | 0.532 | 66.0 | 0.73 | NA | |
| 9:54 | 1620 | 22.61 | 5.57 | 22 | 0.528 | 89.0 | 0.64 | NA | |
| 10:14 | | | | | | | | 12.17 | |

COMMENTS:

SAMPLE COLLECTION TIME: 9:56

PREPARED BY: Patrick Gragson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 13.5 |
| Final tubing depth (ft.) BTOC | 13.5 |
| Initial pump speed | 2.48 |
| Time pump speed was initialized | 9:19 |
| Pump speed at flow into cylinder | 2.48 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

Sampled by using new silicon tubing and connector piece to horiba and then cutting tube ~~that~~ between pump & horiba.
Chloride + TDS samples collected

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: ~~Tidal~~ Water in tidal flat is completely submerging the sluice gate

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-17 R

DATE: 10/2/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny, partly cloudy, ~77°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.60 FT. to 20.60 FT.

INITIAL WATER LEVEL (BTOC): 10.68 FT. | TIME: 16:26 | BTOC WELL SCREEN INTERVAL: 9.12 FT. to 24.12 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 23.99 FT. | MEASURED TOTAL WELL DEPTH (BTO 23.96 FT. | HEIGHT OF STICK-UP: 3.52 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 0.0 BENEATH INNER CAP: 4.4

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 16:41 | 0 | 28.20 | 6.18 | 70 | 0.276 | 49.1 | 3.00 | NA | black bacteria near |
| 16:46 | 700 | 27.37 | 6.18 | 0 | 0.277 | 1.61 | 2.5 | NA | leggning flow |
| 16:51 | 1320 | 27.07 | 6.17 | -11 | 0.276 | 120 | 2.27 | NA | |
| 16:56 | 1880 | 27.15 | 6.18 | -16 | 0.278 | 72.8 | 2.25 | NA | |
| 17:01 | 2280 | 27.42 | 6.17 | -14 | 0.278 | 50.4 | 2.12 | NA | |
| 17:06 | 2680 | 27.27 | 6.16 | -20 | 0.274 | 37.50 | 2.10 | NA | |
| 17:11 | 3180 | 27.18 | 6.15 | -19 | 0.278 | 30.0 | 2.06 | NA | |
| 17:16 | 3480 | 27.23 | 6.15 | -19 | 0.280 | 28.8 | 2.09 | NA | |
| 17:18 | | | | | | | | 17.64 | |

COMMENTS:

SAMPLE COLLECTION TIME: 17:20

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 21.5 |
| Initial tubing depth (ft.) BTOC | 18 |
| Final tubing depth (ft.) BTOC | 18 |
| Initial pump speed | 3.90 |
| Time pump speed was initialized | 16:36 |
| Pump speed at flow into cylinder | 3.90 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

$$\frac{24.12 - 10.68}{2} = 6.72$$

$$6.72 + 10.68 =$$

16:54 - large air bubbles coming up, pump slowed to 3.05
Cylinder at 1820 mL

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 16:58 | | | | | | | |
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: tidal flat 2½-3 ft below high water mark on bulkhead wall

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: IW-18

DATE: 10/3/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny, partly cloudy, ~78°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.00 FT. to 20.00 FT.

INITIAL WATER LEVEL (BTOC): 3.30 FT. | TIME: 10:42 | BTOC WELL SCREEN INTERVAL: 9.67 FT. to 19.67 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 19.3 FT. | MEASURED TOTAL WELL DEPTH (BTO 19.28 FT. | HEIGHT OF STICK-UP: 0.33 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 10.9 BENEATH OUTER CAP: 285 BENEATH INNER CAP: 1300+, 2600, 2663

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:53 | 0 | 22.74 | 4.67 | 108 | 1.29 | 178 | 3.50 | NA | first pull is clear in tube |
| 11:00 | 940 | 26.32 | 4.64 | 103 | 1.29 | 120 | 0.48 | NA | some black bacteria in water |
| 11:06 | 1400 | 25.80 | 4.58 | 100 | 1.32 | 92.3 | 0.7 | NA | |
| 11:11 | 1700 | 26.13 | 4.59 | 95 | 1.43 | 73.5 | 0.58 | NA | |
| 11:16 | 1940 | 26.43 | 4.58 | 92 | 1.52 | 76.4 | 0.53 | NA | |
| 11:21 | 2240 | 26.77 | 4.57 | 91 | 1.67 | 69.2 | 0.51 | NA | |
| 11:26 | 2520 | 27.10 | 4.56 | 90 | 1.72 | 64.1 | 0.50 | NA | |
| 11:31 | 2820 | 27.35 | 4.55 | 89 | 1.72 | 65.7 | 0.47 | NA | |
| 11:34 | | | | | | | | 6.55 | |

COMMENTS:

SAMPLE COLLECTION TIME: 11:36

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 15 |
| Final tubing depth (ft.) BTOC | 15 |
| Initial pump speed | 4.00 |
| Time pump speed was initialized | 10:39 |
| Pump speed at flow into cylinder | 4.10 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| Time | 11:17 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: probe has a sewer odor after doing depth to bottom

@978 mL + at 11:00 slowed pump to 2.99, due to significant amount of air bubbles

cloudy with yellow/tan tint to it in cylinder

@ 1540 mL + 11:08 slowed to 2.08 due to air bubbles in tubing

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-18 R

DATE: 10/1/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny, clear skies, ~80°F, slight S wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.00 FT. to 13.00 FT.

INITIAL WATER LEVEL (BTOC): 6.97 FT. | TIME: 17:53 | BTOC WELL SCREEN INTERVAL: 6.66 FT. to 16.66 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 16.61 FT. | MEASURED TOTAL WELL DEPTH (BTO 16.55 FT. | HEIGHT OF STICK-UP: 3.66 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 0.0 BENEATH INNER CAP: 0.8

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 17:54 | 0 | 29.05 | 4.65 | 160 | 0.355 | 109 | 3.66 | | first pull clear |
| 17:59 | 700 | 28.08 | 4.33 | 196 | 0.336 | 56 | 2.25 | | |
| 18:05 | 1600 | 28.00 | 4.36 | 209 | 0.325 | 30.7 | 1.79 | | |
| 18:10 | 2380 | 28.01 | 4.43 | 219 | 0.323 | 23.9 | 1.18 | | |
| 18:15 | 3100 | 27.91 | 4.46 | 219 | 0.323 | 19.2 | 0.99 | | |
| 18:21 | 4000 | 27.71 | 4.5 | 223 | 0.319 | 17.4 | 0.84 | | |
| 6:27 | | | | | | | | 7.00 | |

COMMENTS:

SAMPLE COLLECTION TIME: 18:28

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

Reasonable attempts were made to lower turbidity below 10 NTUs but due to turbid conditions, samples were collected.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 12 |
| Final tubing depth (ft.) BTOC | 12 |
| Initial pump speed | 4.1 |
| Time pump speed was initialized | 17:50 |
| Pump speed at flow into cylinder | 4.1 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

$$\frac{16.55 - 6.97}{2} = 4.79$$

$$4.79 + 6.97 = 11.76$$

2,000 mL volume poured into bucket: 18:07 18:21

| Time | 18:07 | 18:21 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | 4000 | | | | | | |

Additional remarks: clear in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-19

DATE: 10/3/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Partly cloudy, Sun going down ~ 73°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.38 FT. to 13.38 FT.

INITIAL WATER LEVEL (BTOC): 7.38 FT. | TIME: 18:39 | BTOC WELL SCREEN INTERVAL: 7.58 FT. to 17.58 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 17.97 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 17.96 FT. | HEIGHT OF STICK-UP: 4.2 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 5.3 BENEATH OUTER CAP: 5.5 BENEATH INNER CAP: 8.2

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 18:48 | 0 | 26.66 | 6.21 | 8.0 | 0.890 | 31.1 | 3.4 | NA | First pull clear with slight tan tint and black bacteria |
| 18:53 | 780 | 26.66 | 6.11 | 16.0 | 0.937 | 12.8 | 1.6 | NA | |
| 18:58 | 1560 | 26.7 | 6.09 | 21.0 | 0.949 | 5.6 | 1.08 | NA | |
| 19:03 | 2240 | 26.66 | 6.1 | 23.0 | 0.950 | 4.1 | 0.82 | NA | |
| 19:04 | — | — | — | — | — | — | — | 7.6 | |

COMMENTS:

SAMPLE COLLECTION TIME: 19:05

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 13.0 |
| Final tubing depth (ft.) BTOC | 13.0 |
| Initial pump speed | 4.11 |
| Time pump speed was initialized | 18:45 |
| Pump speed at flow into cylinder | 4.11 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| Time | 19:01 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks:

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-23

DATE: 10/1/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear skies ~85°F slight S. Breeze

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.15 FT. to 11.15 FT.

INITIAL WATER LEVEL (BTOC): 4.2 FT. | TIME: 15:54 | BTOC WELL SCREEN INTERVAL: 5.90 FT. to 10.90 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 11.72 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 11.68 FT. | HEIGHT OF STICK-UP: 0.25 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 0.0 BENEATH INNER CAP: 0.0

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 16:28 | 0 | 28.72 | 6.43 | 61 | 0.900 | 348 | 1.77 | NA | first pull has reddish orange tint |
| 16:33 | 760 | 28.36 | 6.48 | 35 | 0.916 | 361 | 1.11 | NA | |
| 16:38 | 1540 | 27.99 | 6.48 | 20 | 0.973 | 274 | 0.96 | NA | |
| 16:44 ~~16:43~~ | 2500 | 27.62 | 6.51 | 6 | 0.981 | 137 | 0.90 | NA | |
| 16:48 | 3100 | 28.09 | 6.52 | -2 | 0.962 | 76.4 | 0.78 | NA | |
| 16:53 | 3860 | 27.95 | 6.51 | -8 | 0.968 | 55.6 | 0.73 | NA | |
| 16:58 | 4600 | 27.75 | 6.51 | -15 | 0.968 | 36.5 | 0.76 | NA | |
| 17:00 | | | | | | | | 14.92 | |

COMMENTS:

SAMPLE COLLECTION TIME: 17:00

PREPARED BY: Patrick Gregson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 8.5 |
| Final tubing depth (ft.) BTOC | 8.5 |
| Initial pump speed | 4.04 |
| Time pump speed was initialized | ~~16:10~~ 16:24 |
| Pump speed at flow into cylinder | 4.04 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

~~4.2 + 3.4 = 7.6~~

~~(10.9 - 4.2) / 2 = 3.35~~

Reasonable attempts were made to lower turbidity below 10 NTUs but due to time constraints, samples were collected

2,000 mL volume poured into bucket:

| Time | 16:40 | 16:54 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | 4060 | | | | | | |

Additional remarks: Soft bottom when DTB measurement taken
Orange tint and cloudy in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG



WELL/SAMPLE NO: MW-24 R

DATE: 10/2/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear skies ~73°F no wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 4.95 FT. to 14.95 FT.

INITIAL WATER LEVEL (BTOC): 6.32 FT. | TIME: 9:16 | BTOC WELL SCREEN INTERVAL: 8.68 FT. to 18.68 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 18.15 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 18.4 FT. | HEIGHT OF STICK-UP: 3.73 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 1.0 BENEATH OUTER CAP: 1.0 BENEATH INNER CAP: 1.1

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 9:31 | 0 | 21.02 | 4.47 | 182 | 0.573 | 2206 250 | 2.24 | NA | First pull clear with substantial |
| 9:37 9:36 | 760 | 21.15 | 4.47 | 161 | 0.565 | ~~333~~ | 0.87 | NA | tan bacteria |
| 9:42 | 1400 | 21.28 | 4.51 | 159 | 0.539 | 151 | 0.65 | NA | Few air bubbles coming up |
| 9:47 | 2000 | 21.21 | 4.53 | 157 | 0.530 | 109 | 0.59 | NA | |
| 9:52 | 2560 | 21.19 | 4.55 | 156 | 0.521 | 97.6 | 0.56 | NA | |
| 9:57 | 3100 | 21.25 | 4.56 | 155 | 0.52 | 60.4 | 0.53 | NA | |
| 10:02 | 3660 | 21.27 | 4.56 | 155 | 0.518 | 42.5 | 0.53 | NA | |
| 10:04 | — | — | — | — | — | — | | 8.71 | |

COMMENTS:

SAMPLE COLLECTION TIME: 10:07

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 14.0 |
| Final tubing depth (ft.) BTOC | 14.0 |
| Initial pump speed | 4.00 |
| Time pump speed was initialized | 9:27 |
| Pump speed at flow into cylinder | 4.00 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

9:43

3:53 1680 mL

Pump speed decreased due to large amount of air bubbles in tubing

2,000 mL volume poured into bucket:

| Time | 9:47 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: water in cylinder is cloudy with tan tint

samples had large amounts of tan bacteria in them

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-25

DATE: 10/3/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: partly cloudy, ~70°F, no ~~[illegible]~~ noticable wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.40 FT. to 16.40 FT.

INITIAL WATER LEVEL (BTOC): 7.35 FT. | TIME: 17:51 | BTOC WELL SCREEN INTERVAL: 9.67 FT. to 19.67 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 17.93 FT. | MEASURED TOTAL WELL DEPTH (BTO 17.91 FT. | HEIGHT OF STICK-UP: 3.27 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 1.3 BENEATH OUTER CAP: 1.2 BENEATH INNER CAP: 5.8

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 18:03 | 0 | 27.64 | 5.90 | 72 | 0.798 | 112 | 3.62 | NA | first pull is clear, no particles |
| 18:07 | 720 | 27.17 | 6.0 | 16 | 0.888 | 24.1 | 1.75 | NA | |
| 18:13 | 1460 | 27.11 | 6.05 | -14 | 0.937 | 11.0 | 1.70 | NA | |
| 18:18 | 2220 | 27.02 | 6.07 | -40 | 0.946 | 12.3 | 1.41 | NA | |
| 18:23 | 3000 | 26.99 | 6.08 | -50 | 0.947 | 7.1 | 1.18 | NA | |
| 18:24 | | | | | | | | 7.55 | |

COMMENTS:

SAMPLE COLLECTION TIME: 18:25

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 14.0 |
| Final tubing depth (ft.) BTOC | 14.0 |
| Initial pump speed | 4.01 |
| Time pump speed was initialized | 18:00 |
| Pump speed at flow into cylinder | 4.01 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 18:16 | | | | | | | |
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: sandy/silty material on probe after depth to bottom reading; orange bacteria on tubing after removal from well

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-26R

DATE: 10/3/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: partly cloudy, slight wind, ~75°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.10 FT. to 15.10 FT.

INITIAL WATER LEVEL (BTOC): 3.67 FT. | TIME: 16:46 | BTOC WELL SCREEN INTERVAL: 4.80 FT. to 14.80 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.51 FT. | MEASURED TOTAL WELL DEPTH (BTO 14.51 FT. | HEIGHT OF STICK-UP: 0.3 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 1.2 BENEATH OUTER CAP: 5.9 BENEATH INNER CAP: 2663 + >

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 16:57 | 0 | 29.52 | 5.75 | 93 | 0.473 | 115 | 2.13 | NA | first pull is clear with |
| 17:03 | 960 | 29.04 | 5.70 | 70 | 0.402 | 92.0 | 0.87 | NA | grey tint to a little bit of |
| 17:10 | 1140 | 28.85 | 5.66 | 54 | 0.393 | 49 | 0.83 | NA | black bacteria |
| 17:17 | 2140 | 28.81 | 5.66 | 43 | 0.395 | 36.4 | 0.75 | NA | |
| 17:22 | 2840 | 28.76 | 5.65 | 38 | 0.395 | 23.9 | 0.71 | NA | |
| 17:27 | 3580 | 28.76 | 5.65 | 34 | 0.396 | 13.2 | 0.63 | NA | |
| 17:32 | 4360 | 28.69 | 5.65 | 31 | 0.399 | 9.8 | 0.61 | NA | |
| 17:33 | | | | | | | | 4.7 | |

TDS
0.263
0.261
0.255
0.257
0.257
0.257
0.259

COMMENTS:

SAMPLE COLLECTION TIME: 17:34

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 10.5 |
| Final tubing depth (ft.) BTOC | 10.5 |
| Initial pump speed | 3.98 |
| Time pump speed was initialized | 16:55 |
| Pump speed at flow into cylinder | 3.98 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 17:03 | 17:16 | 17:30 | | | | | |
| Cummulative Volume (mL) | 960 | 2100 | 4000 | | | | | |

Additional remarks: blackish grey in cylinder, lots of air bubbles in tubing during pumping

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG



WELL/SAMPLE NO: MW-27

DATE: 10/1/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear skies ~85°F slight southern breeze

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 7.79 FT. to 17.79 FT.

INITIAL WATER LEVEL (BTOC): 5.35 FT. | TIME: 14:53 | BTOC WELL SCREEN INTERVAL: 8.09 FT. to 18.09 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.42 FT. | MEASURED TOTAL WELL DEPTH (BTO 14.41 FT. | HEIGHT OF STICK-UP: 0.3 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.00 BENEATH OUTER CAP: N/A BENEATH INNER CAP: 1.1

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 15:11 | 0 | 27.83 | 6.07 | 87 | 0.988 | 132 | 2.12 | NA | tan tint on first pull of water |
| 15:16 | 680 | 27.94 | 6.11 | 66 | 0.981 | 141 | 1.34 | NA | |
| 15:21 | 1360 | 27.73 | 6.11 | 54 | 0.994 | 111 | 1.15 | NA | |
| 15:23 | — | — | — | — | — | — | — | 10.24 | |

COMMENTS: ~~soft bottom~~.

SAMPLE COLLECTION TIME: 15:25

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 13.0 |
| Final tubing depth (ft.) BTOC | 13.0 |
| Initial pump speed | 4.07 |
| Time pump speed was initialized | 13:07 |
| Pump speed at flow into cylinder | 4.07 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

Reasonable attempts were made to lower turbidity below 10 NTUs but due to time constraints samples were ~~[illegible]~~ collected

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: cloudy in cylinder, soft bottom when DTB reading taken

some tan bacteria in samples

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-29

DATE: 10/1/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear Skies ~82°F Slight breeze

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [ ] 4 [ ] 6 [X] OTHER (3/4") | BGS WELL SCREEN INTERVAL: 10.00 FT. to 20.00 FT.

INITIAL WATER LEVEL (BTOC): 6.52 FT. | TIME: 12:02 | BTOC WELL SCREEN INTERVAL: 13.55 FT. to 23.55 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 23.26 FT. | MEASURED TOTAL WELL DEPTH (BTO 23.15 FT. | HEIGHT OF STICK-UP: 3.55 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 0.0 BENEATH INNER CAP: 1.0 slight hyp. odor

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 12:20 | 0 | 29.31 | 4.52 | 130 | 1.56 | 355 | 2.70 | NA | ~1" tan bacteria in 1st pull |
| 12:25 | 1020 | 25.34 | 4.55 | 116 | 1.65 | 151 | 1.11 | NA | water is very cloudy |
| 12:30 | 1960 | 23.87 | 4.61 | 109 | 1.70 | 127 | 0.87 | NA | in cylinder, has a white/gray |
| 12:35 | 2740 | 23.41 | 4.63 | 105 | 1.71 | 153 | 0.78 | NA | tint |
| 12:37 | | | | | | | | 14.86 | |
| | | | | | | | | | Some small air bubbles coming up |
| | | | | | | | | | |
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COMMENTS:

SAMPLE COLLECTION TIME: 12:39

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 23.0 |
| Initial tubing depth (ft.) BTOC | 19.0 |
| Final tubing depth (ft.) BTOC | 19.0 |
| Initial pump speed | 5.52 |
| Time pump speed was initialized | 12:15 |
| Pump speed at flow into cylinder | 5.52 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

Reasonable attempts were made to lower turbidity below 10 NTUs but due to time constraints, samples were collected

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 12:30 | | | | | | | |
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: guaged at black mark on TOC

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-30

DATE: 10/3/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: partly cloudy ~80°F, no wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.25 FT. to 15.25 FT.

INITIAL WATER LEVEL (BTOC): 5.43 FT. | TIME: 15:32 | BTOC WELL SCREEN INTERVAL: 4.97 FT. to 14.97 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.07 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 15.05 FT. | HEIGHT OF STICK-UP: 0.28 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 2.6 BENEATH INNER CAP: 11.7

slight turpentine odor

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 15:46 | 0 | 30.01 | 4.62 | 157 | 0.325 | 0.0 | 3.35 | 5.56 | first pull clear |
| 15:52 ~~15:51~~ | 920 | 29.42 | 4.42 | 151 | 0.332 | 0.0 | 1.22 | 5.58 | |
| 15:56 | 1620 | 29.12 | 4.42 | 149 | 0.332 | 3.1 | 0.92 | 5.55 | |
| 16:01 | 2280 | 29.0 | 4.44 | 146 | 0.327 | 6.8 | 0.68 | 5.55 | |
| | | | | | | | | | |
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COMMENTS:

SAMPLE COLLECTION TIME: 16:10

PREPARED BY: Patrick Gragson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 10.5 |
| Final tubing depth (ft.) BTOC | 10.5 |
| Initial pump speed | 4.50 |
| Time pump speed was initialized | 15:43 |
| Pump speed at flow into cylinder | 4.5 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

TDS & chloride samples collected

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 15:58 | | | | | | | |
| Cummulative Volume (mL) | 2080 | | | | | | | |

Additional remarks: Water is clear in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-32

DATE: 10/2/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: scattered clouds ~5mph wind from North ~76°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.50 FT. to 16.50 FT.

INITIAL WATER LEVEL (BTOC): 6.66 FT. TIME: 17:55 | BTOC WELL SCREEN INTERVAL: 6.08 FT. to 16.08 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 16.43 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 16.41 FT. | HEIGHT OF STICK-UP: 0.42 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 0.0 BENEATH INNER CAP: 144 No detected odor

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 18:08 ~~6:08~~ | 0 | 27.66 | 4.98 | 113 | 1.27 | 22.6 | 4.59 | 6.91 | First pull is clear |
| 18:14 ~~6:14~~ | 920 | 27.54 | 4.94 | 104 | 1.25 | 14.2 | 1.57 | 7.01 | |
| 18:19 | 1700 | 27.53 | 4.91 | 103 | 1.26 | 11.7 | 1.15 | 7.04 | |
| 18:24 | 2500 | 27.49 | 4.89 | 101 | 1.28 | 7.6 | 0.95 | 7.06 | |

COMMENTS:

SAMPLE COLLECTION TIME: 18:25

PREPARED BY: Patrick Gingson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 12.0 |
| Final tubing depth (ft.) BTOC | 12.0 |
| Initial pump speed | 4.04 |
| Time pump speed was initialized | 18:03 |
| Pump speed at flow into cylinder | 4.04 |
| Started new roll of tubing at | 17:55 |
| Three well volume (mL) | |

TDS + chloride samples collected

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 18:24 | | | | | | | |
| Cummulative Volume (mL) | 2080 | | | | | | | |

Additional remarks: Some black bacteria in first water out of horiba, water is clear in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-33

DATE: 10/2/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny, not much wind, ~88°F, clear skies

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.50 FT. to 15.50 FT.

INITIAL WATER LEVEL (BTOC): 2.85 FT. | TIME: 11:47 | BTOC WELL SCREEN INTERVAL: 5.50 FT. to 15.50 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.42 FT. | MEASURED TOTAL WELL DEPTH (BTOC): 14.35 FT. | HEIGHT OF STICK-UP: 0 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 2.0 BENEATH INNER CAP: 15

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

130 ft 25

281 (0)

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 12:00 | 0 | 26.97 | 5.48 | 79 | 0.511 | 72.1 | 2.18 | 3.07 | first pull is yellowish w/ ½ inch of black bacteria at the front of pull |
| 12:05 | 800 | 27.47 | 5.41 | 44 | 0.510 | 55.1 | 1.35 | 3.16 | |
| 12:10 | 1600 | 28.06 | 5.41 | 39 | 0.506 | 41.5 | 1.05 | 3.13 | |
| 12:15 | 2300 | 28.33 | 5.41 | 37 | 0.505 | 35.2 | 0.90 | 3.13 | |
| 12:20 | 3100 | 29.28 | 5.42 | 35 | 0.499 | 27.9 | 0.77 | 3.13 | |
| 12:25 | 3800 | 29.61 | 5.42 | 33 | 0.497 | 36.1 | 0.74 | 3.13 | |

COMMENTS:

SAMPLE COLLECTION TIME: 12:27

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 11 |
| Final tubing depth (ft.) BTOC | 11 |
| Initial pump speed | 4.0 |
| Time pump speed was initialized | 11:56 |
| Pump speed at flow into cylinder | 4.0 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 12:13 | | | | | | | |
| Cummulative Volume (mL) | 2000 | | | | | | | |

→ depth to bottom

Additional remarks: bluish/grey slime on tip of probe after ~~[illegible]~~, slippery with gritty feel to it

water is yellowish in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-34

DATE: 10/2/2013 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear skies, sunny ~90°F No wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [X] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.50 FT. to 16.50 FT.

INITIAL WATER LEVEL (BTOC): 3.95 FT. | TIME: 14:20 | BTOC WELL SCREEN INTERVAL: 6.02 FT. to 16.02 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 16.34 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 16.34 FT. | HEIGHT OF STICK-UP: 0.48 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: 0.0 BENEATH OUTER CAP: 0.0 BENEATH INNER CAP: 4.7

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 14:30 | 0 | 29.25 | 4.53 | 180 | 0.198 | 16.4 | 2.42 | 4.20 | Water is clear in tubing |
| 14:35 | 680 | 27.07 | 4.4 | 196 | 0.207 | 16.1 | 1.78 | 4.40 | some air bubbles coming up |
| 14:40 | 1380 | 27.1 | 4.42 | 203 | 0.205 | 20.4 | 1.52 | 4.1 | |
| 14:45 | 2100 | 27.28 | 4.48 | 207 | 0.204 | 28.6 | 1.45 | 4.1 | |
| 14:50 | 2820 | 27.35 | 4.47 | 214 | 0.208 | 23.5 | 1.29 | 4.1 | |

COMMENTS:

SAMPLE COLLECTION TIME: 14:50

PREPARED BY: Patrick Gragson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 11.5 |
| Final tubing depth (ft.) BTOC | 11.5 |
| Initial pump speed | 4.04 |
| Time pump speed was initialized | 14:22 |
| Pump speed at flow into cylinder | 4.04 |
| Started new roll of tubing at | |
| Three well volume (mL) | |

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 14:45 | | | | | | | |
| Cummulative Volume (mL) | 2100 | | | | | | | |

Additional remarks: Water in cylinder is clear

When deconing the Horiba, there were fine red particles in the bottom of the flow through cell

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# ATTACHMENT C

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: LAW-PZ-8R

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Scattered clouds ~66°F 0-5 MPH S. Wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 1.80 FT. to 11.80 FT.

INITIAL WATER LEVEL (BTOC): 0.59 FT. | TIME: 16:36 | BTOC WELL SCREEN INTERVAL: 1.32 FT. to 11.32 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 11.1 FT. | MEASURED TOTAL WELL DEPTH (BTO FT. | HEIGHT OF STICK-UP: -0.476 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 16:46 | Ø | 17.5 | 6.86 | -25 | 0.678 | 88 | 4.83 | NA | first pull appears clear in tubing |
| 16:51 | 960 | 17.47 | 6.62 | -36 | 0.756 | 225 | 1.43 | NA | tan tint in cylin |
| 16:56 | 1760 | 17.70 | 6.39 | -44 | 0.811 | 195 | 1.27 | NA | def. very cloudy |
| 17:01 | 2660 | 17.76 | 6.28 | -51 | 0.838 | 667 | 1.13 | NA | |
| 17:06 | 3440 | 17.62 | 6.16 | -54 | 0.874 | 781 | 1.1 | NA | |
| 17:13 ~~17:11~~ | 4500 | 17.57 | 6.11 | -63 | 0.917 | 774 | 1.02 | NA | |
| 17:19 | 5420 | 17.50 | 6.08 | -68 | 0.917 | 682 | 0.96 | NA | |
| 17:24 | 6180 | 17.35 | 6.08 | -70 | 0.929 | 529 | 0.91 | NA | |
| 17:29 | 7900 | 17.34 | 6.04 | -73 | 0.939 | 390 | 0.86 | NA | |
| 17:30 | | | | | | | | 2.85 | ↑ |

Back ground turpentine odor

COMMENTS: Measure depth to bottom during Jan. 2014 event

SAMPLE COLLECTION TIME: 17:31

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

.045 gal/ft

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 6.5 |
| Final tubing depth (ft.) BTOC | 6.5 |
| Initial pump speed | 4.05 |
| Time pump speed was initialized | 16:42 |
| Pump speed at flow into cylinder | 4.05 |
| Started new roll of tubing at | — |
| Three well volume (mL) | 4863 |

2,000 mL volume poured into bucket:

| Time | 16:57 | 17:10 | 17:24 | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | 4000 | 6180 | | | | | |

Additional remarks: probe had black bacteria on it after DTW

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: PAN-MW-9

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Partly cloudy ~55°F 0-5 MPH S. wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.00 FT. to 13.00 FT.

INITIAL WATER LEVEL (BTOC): 6.36 FT. | TIME: 10:30 | BTOC WELL SCREEN INTERVAL: 6.25 FT. to 16.25 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.78 FT. | MEASURED TOTAL WELL DEPTH (BTOC 14.77 FT. | HEIGHT OF STICK-UP: 3.25 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:42 | 0 | 14.5 | 5.13 | 68 | 0.765 | 60 | 3.71 | 7.17 | first puff has ~1/2" of |
| 10:47 | 540 | 14.94 | 4.99 | ~~0.786~~ | 0.782 | 35.3 | 2.28 | 7.56 | tan bacteria |
| | | | | | | | | | water is tan tinted in cylinder |
| 10:52 | 1180 | 15.13 | 4.98 | 63 | 0.786 | 26.4 | 1.56 | 7.92 | |
| 10:57 | ~~1720~~ | 15.06 | 4.99 | 60 | 0.786 | 21 | 1.3 | 8.23 | |
| 11:02 | 2300 | 15.11 | 4.98 | 56 | 0.772 | 19.5 | 1.1 | 8.58 | |

66 ← A.P.G.

background odor of turpentine

COMMENTS:

SAMPLE COLLECTION TIME: 11:04

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | ~~11.2~~ 11.5 |
| Final tubing depth (ft.) BTOC | 11.5 |
| Initial pump speed | 3.50 |
| Time pump speed was initialized | 10:37 |
| Pump speed at flow into cylinder | 3.50 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 11:02 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2300 | | | | | | | |

Additional remarks: When casing was opened there was a strong sulful smell

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: PAN-MW-10

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Scattered clouds ~59°F 5-10 MPH S. Wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.00 FT. to 13.00 FT.

INITIAL WATER LEVEL (BTOC): 10.31 FT. TIME: 1133 | BTOC WELL SCREEN INTERVAL: 6.68 FT. to 16.68 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.93 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 15.9 FT. | HEIGHT OF STICK-UP: 3.68 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 14:39 | Ø | 19.15 | 6.12 | 60 | 0.463 | 0.0 | 5.12 | 10.37 | ~~fy~~ first pull clear, no bacteria |
| 14:44 | 540 | 19.30 | 6.24 | 44 | 0.479 | 0.0 | 3.97 | 10.39 | |
| 14:49 | 1080 | 19.52 | 6.26 | 44 | 0.479 | 0.0 | 2.88 | 10.4 | |
| 14:54 | 1600 | 19.39 | 6.17 | 43 | 0.480 | 0.0 | 2.29 | 10.41 | |

COMMENTS:

SAMPLE COLLECTION TIME: 14:56

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 13.0 |
| Final tubing depth (ft.) BTOC | 13.0 |
| Initial pump speed | 3.53 |
| Time pump speed was initialized | 14:34 |
| Pump speed at flow into cylinder | 3.53 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: Samples are clear

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-14

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Overcast ~45°F 0-5 MPH S. wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 39.44 FT. to 49.57 FT.

INITIAL WATER LEVEL (BTOC): 6.72 FT. | TIME: 9:49 | BTOC WELL SCREEN INTERVAL: 39.44 FT. to 49.57 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): FT. | MEASURED TOTAL WELL DEPTH (BTOC 49.57 FT. | HEIGHT OF STICK-UP: 0 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:06 | 0 | 17.7 | 7.36 | 101 | 0.561 | 3.7 | 4.3 | 7.51 | water is very clear |
| 10:11 | 1460 | 19.21 | 7.41 | 39 | 0.562 | 6.9 | 2.82 | 8.25 | |
| 10:16 | 2920 | 19.44 | 7.42 | 9 | 0.561 | 0.5 | 1.74 | 8.67 | |

very strong background terpentine odor

COMMENTS:

SAMPLE COLLECTION TIME: 10:19

PREPARED BY: Patrick Cingsem

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 46.5 |
| Initial tubing depth (ft.) BTOC | 44.5 |
| Final tubing depth (ft.) BTOC | 44.5 |
| Initial pump speed | 7.03 |
| Time pump speed was initialized | 10:04 |
| Pump speed at flow into cylinder | 7.03 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Time | 10:12 | | | | | | | |
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks:

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-16

DATE: 1/20/2014 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny ~ 55°F 0-3 mph wind SW

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 4.95 FT. to 14.95 FT.

INITIAL WATER LEVEL (BTOC): 12.61 FT. | TIME: 17:46 | BTOC WELL SCREEN INTERVAL: 8.13 FT. to 18.13 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 13.98 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 14.02 FT. | HEIGHT OF STICK-UP: 3.18 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

strong background odor of turpentine

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 18:05 | 0 | 16.83 | 5.85 | 83 | 0.546 | 83.8 | 3.28 | N/A | |
| 18:10 | 180 | 16.46 | 5.85 | 69 | 0.572 | 82.1 | 2.08 | N/A | |
| 18:15 | 360 | 16.25 | 5.83 | 64 | 0.579 | 76.1 | 1.49 | N/A | |
| 18:20 | 740 | 16.07 | 5.82 | 57 | 0.581 | 73.6 | 1.16 | N/A | |

COMMENTS:

SAMPLE COLLECTION TIME: 18:21

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 15 |
| Final tubing depth (ft.) BTOC | 13.5 |
| Initial pump speed | 2.4 |
| Time pump speed was initialized | 17:54 |
| Pump speed at flow into cylinder | 2.4 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: tidal flat is completly dry, first pull is clear, no bacteria

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-17 R

DATE: 1/21/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny 0-3 mph NW wind ~ 55°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.60 FT. to 20.60 FT.

INITIAL WATER LEVEL (BTOC): 10.57 FT. TIME: 9:21 | BTOC WELL SCREEN INTERVAL: 9.12 FT. to 24.12 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 23.99 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 23.96 FT. | HEIGHT OF STICK-UP: 3.52 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 9:35 | 0 | 16.06 | 6.32 | 62 | 0.283 | 25 | 3.49 | N/A | |
| 9:40 | 600 | 17.43 | 6.22 | 63 | 0.293 | 38.2 | 1.45 | N/A | |
| 9:45 | 1060 | 17.86 | 6.22 | 59 | 0.297 | 41.3 | 1.15 | N/A | |
| 9:50 | 1520 | 18.07 | 6.24 | 54 | 0.297 | 35.3 | 1.02 | N/A | |
| 9:57 | 2020 | 18.23 | 6.26 | 49 | 0.297 | 26.1 | 1.36 | N/A | |
| 10:02 | 2340 | 18.20 | 6.26 | 47 | 0.297 | 25.2 | 1.62 | N/A | |
| | | | | | | | | 16.7 | |

COMMENTS:

SAMPLE COLLECTION TIME: 10:03

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 21 |
| Initial tubing depth (ft.) BTOC | 17 |
| Final tubing depth (ft.) BTOC | 17 |
| Initial pump speed | 3.45 |
| Time pump speed was initialized | 9:28 |
| Pump speed at flow into cylinder | 3.45 |
| Started new roll of tubing at | — |
| Three well volume (mL) | 6263 |

changed to 3.03 pump speed at 9:53 because pump was pulling air

2.54 cm = 1 in

16.387 cm³ = 1 in³

$0.5^2(\pi) = 0.785\ in^2$

Well vol = $0.785\ in^2 (24.12 - 10.57)(12) = 127.64\ in^3$

Well vol (x 3) (mL) = 16.387(127.64) = 6263.1 ml

2,000 mL volume poured into bucket:

| Time | 9:56 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: first pull has a plug of black bacteria, water is tan/gray in cylinder with a large amount of particulate matter.

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: IW-18

DATE: 1/10/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear Skies, Sun going down ~55°F 0-5 MPH S. Wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.00 FT. to 20.00 FT.

INITIAL WATER LEVEL (BTOC): 3.34 FT. | TIME: 16:49 | BTOC WELL SCREEN INTERVAL: 9.67 FT. to 19.67 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 19.3 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 19.28 FT. | HEIGHT OF STICK-UP: 0.33 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

No background odors detected

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 17:56 | Ø | 16.01 | 5.12 | 28 | 0.844 | 68 | 2.45 | NA | First pull appears clear in |
| 18:01 | 300 | 17.22 | 5.02 | 30 | 0.835 | 71.4 | 1.44 | NA | tubing. Some black bacteria |
| 18:06 | 520 | 17.26 | 5.00 | 31 | 0.851 | 67.0 | 1.15 | NA | coming up tubing |
| 18:11 | 800 | 17.27 | 4.99 | 32 | 0.868 | 47.9 | 1.00 | NA | |
| 18:18 | 1020 | 16.94 | 4.99 | 32 | 0.873 | 42.9 | 0.77 | NA | Water is tan + |
| 18:23 | 1240 | 16.80 | 4.99 | 32 | 0.876 | 46.3 | 0.71 | NA | Cloudy in cylinder |
| 18:24 | | | | | | | | 5.26 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

COMMENTS:

SAMPLE COLLECTION TIME: 18:25

PREPARED BY: Patrick Gragson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 15 |
| Final tubing depth (ft.) BTOC | 15 |
| Initial pump speed | 2.03 |
| Time pump speed was initialized | 17:44 |
| Pump speed at flow into cylinder | 2.03 |
| Started new roll of tubing at | — |
| Three well volume (mL) | ~~[illegible]~~ 2.15 gals |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: tan bacteria on probe. Air bubbles coming up tubing
Water has sewer odor

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-18R

DATE: 1/20/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny ~45°F, slight NE wind 0-5 mph

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.00 FT. to 13.00 FT.

INITIAL WATER LEVEL (BTOC): 6.57 FT. | TIME: 8:26 | BTOC WELL SCREEN INTERVAL: 6.66 FT. to 16.66 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 16.61 FT. | MEASURED TOTAL WELL DEPTH (BTOC 16.55 FT. | HEIGHT OF STICK-UP: 3.66 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 8:40 | 0 | 16.02 | 4.88 | 187 | 0.327 | 18.1 | 6.09 | N/A | Dist full is clear, no bacteria |
| 8:45 | 600 | 15.42 | 4.22 | 268 | 0.336 | 16.4 | 4.35 | N/A | clear in cylinder |
| 8:50 | 1280 | 15.60 | 4.19 | 281 | 0.337 | 5.8 | 3.38 | N/A | |
| 8:55 | 1920 | 15.45 | 4.19 | 285 | 0.339 | 4.7 | 2.96 | N/A | |
| | | | | | | | | 7.02 | |

COMMENTS:

SAMPLE COLLECTION TIME: 8:56

PREPARED BY: Will Grait

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 ft |
| Initial tubing depth (ft.) BTOC | 11 ft |
| Final tubing depth (ft.) BTOC | 11 ft |
| Initial pump speed | 4.02 |
| Time pump speed was initialized | 8:36 |
| Pump speed at flow into cylinder | 4.02 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks:

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-19

DATE: 1/20/19 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny ~ 58°F, 0-5 mph wind East to west

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 3.38 FT. to 13.38 FT.

INITIAL WATER LEVEL (BTOC): 7.05 FT | TIME: 9:41 | BTOC WELL SCREEN INTERVAL: 7.58 FT. to 17.58 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 19.97 FT. | MEASURED TOTAL WELL DEPTH (BTOC 17.96 FT. | HEIGHT OF STICK-UP: 4.2 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:38 | 0 | 17.79 | 6.75 | -33 | 1.09 | 126 | 5.34 | N/A | first |
| 10:43 | 660 | 18.23 | 6.73 | -28 | 1.11 | 60.2 | 3.63 | N/A | |
| 10:48 | 1320 | 18.33 | 6.64 | -22 | 1.10 | 20.4 | 2.75 | N/A | |
| 10:53 | 2050 | 18.05 | 6.53 | -15 | 1.09 | 4.9 | 3.19 | N/A | |
| | | | | | | | | 7.50 | |

COMMENTS:

SAMPLE COLLECTION TIME: 10:54

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 13.0 |
| Final tubing depth (ft.) BTOC | 13.0 |
| Initial pump speed | 4.13 |
| Time pump speed was initialized | 10:34 |
| Pump speed at flow into cylinder | 4.13 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 10:52 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: first pull is clear, lots of tan bacteria, tan in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG



WELL/SAMPLE NO: MW-23

DATE: 1/20/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear Skies very dry ~63°F 0.5 MPH S. Wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.15 FT. to 11.15 FT.

INITIAL WATER LEVEL (BTOC): 4.20 FT. | TIME: 15:04 | BTOC WELL SCREEN INTERVAL: 5.90 FT. to 10.90 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 11.72 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 11.68 FT. | HEIGHT OF STICK-UP: 0.25 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 15:20 | 0 | 20.45 | 6.61 | 44 | 0.994 | 7.2 | 4.73 | NA | First pull clear |
| 15:25 | 780 | 19.84 | 6.52 | 36 | 1.05 | 1.1 | 2.27 | NA | water in cylinder has slight |
| 15:30 | 1540 | 19.38 | 6.52 | 35 | 1.09 | 0.0 | 1.78 | NA | tan tint |
| 15:35 | 2300 | 19.01 | 6.66 | 31 | 1.11 | 2.8 | 1.72 | NA | |
| 15:36 | | | | | | | | 5.62 | |

COMMENTS:

SAMPLE COLLECTION TIME: 15:37

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 8.5 |
| Final tubing depth (ft.) BTOC | 8.5 |
| Initial pump speed | 4.02 |
| Time pump speed was initialized | 15:16 |
| Pump speed at flow into cylinder | 4.02 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 15:33 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: Samples are clear

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-24 R

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: partly cloudy ~50°F 0-5 MPH SE wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 4.95 FT. to 14.95 FT.

INITIAL WATER LEVEL (BTOC): 5.9 FT. | TIME: 11:28 | BTOC WELL SCREEN INTERVAL: 8.68 FT. to 18.68 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 18.15 FT. | MEASURED TOTAL WELL DEPTH (BTOC 18.4 FT. | HEIGHT OF STICK-UP: 3.73 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 12:23 | Ø | 14.41 | 4.68 | 92 | 0.515 | 110 | 3.77 | NA | water appears clear in tube |
| 12:28 | 580 | 14.55 | 4.68 | 87 | 0.523 | 68.1 | 1.99 | NA | tan bacteria |
| 12:33 | 1160 | 14.79 | 4.68 | 87 | 0.518 | 71.8 | 1.5 | NA | slighty cloudy in cylinder |
| 12:38 | 1760 | 14.87 | 4.71 | 87 | 0.513 | 71.5 | 1.18 | NA | |
| 12:39 | — | — | — | — | — | — | — | 8.6 | |

COMMENTS:

SAMPLE COLLECTION TIME: 12:40

PREPARED BY: Patrick Gragson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 14.0 |
| Final tubing depth (ft.) BTOC | 14.0 |
| Initial pump speed | 3.54 |
| Time pump speed was initialized | 12:18 |
| Pump speed at flow into cylinder | 3.54 |
| Started new roll of tubing at | 12:15 |
| Three well volume (mL) | — |

some small air bubbles coming up tube

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: briefly stopped pumping at 12:22 due to horiba leaking because of o-ring not seated properly

samples have tan bacteria in them

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-25

DATE: 1/20/19 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny ~ 53°F, 0-5 mph wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.40 FT. to 16.40 FT.

INITIAL WATER LEVEL (BTOC): 6.42 FT. | TIME: 8:53 | BTOC WELL SCREEN INTERVAL: 9.67 FT. to 19.67 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 17.93 FT. | MEASURED TOTAL WELL DEPTH (BTOC 17.91 FT. | HEIGHT OF STICK-UP: 3.27 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 9:28 | 0 | 14.12 | 5.98 | 117 | 0.751 | 107 | 5.07 | N/A | first pull is clear, no bacteria |
| 9:34 | 800 | 15.77 | 6.09 | 59 | 0.788 | 81.8 | 2.70 | N/A | |
| 9:39 | 1460 | 16.66 | 6.13 | 43 | 0.778 | 45.7 | 2.26 | N/A | |
| 9:44 | 2180 | 17.44 | 6.16 | 25 | 0.776 | 32.6 | 1.60 | N/A | |
| 9:49 | 2860 | 17.65 | 6.17 | 5 | 0.778 | 24.0 | 1.37 | N/A | |
| 9:54 | 3600 | 17.96 | 6.18 | -02 | 0.779 | 17.1 | 1.35 | N/A | |
| 9:59 | 4300 | 18.55 | 6.20 | -24 | 0.777 | 12.7 | 1.32 | N/A | |
| 10:04 | 4980 | 18.44 | 6.18 | -33 | 0.773 | 6.2 | 1.23 | N/A | |
| | | | | | | | | 7.15 | |

COMMENTS:

SAMPLE COLLECTION TIME: 10:05

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 14.0 |
| Final tubing depth (ft.) BTOC | 14.0 |
| Initial pump speed | 4.04 |
| Time pump speed was initialized | 9:24 |
| Pump speed at flow into cylinder | 4.04 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 9:43 | 9:57 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | 4000 | | | | | | |

Additional remarks: probe has orange/red bacteria after gauging water is tan + cloudy in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-26R

DATE: 1/20/13 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny ~45°F 0-5 mph wind SW

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.10 FT. to 15.10 FT.

INITIAL WATER LEVEL (BTOC): 3.11 FT. TIME: 12:36 | BTOC WELL SCREEN INTERVAL: 4.80 FT. to 14.80 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.51 FT. | MEASURED TOTAL WELL DEPTH (BTOC 14.51 FT. | HEIGHT OF STICK-UP: 0.3 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 12:45 | 0 | 20.78 | 5.92 | 59 | 0.648 | 19.6 | 4.21 | N/A | |
| 12:50 | 680 | 20.81 | 5.87 | 52 | 0.661 | 13.1 | 2.48 | N/A | |
| 12:55 | 1400 | 20.91 | 5.88 | 43 | 0.653 | 8.0 | 1.77 | N/A | |
| | | | | | | | | 3.85 | |

COMMENTS:

SAMPLE COLLECTION TIME: 12:57

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 10.00 |
| Final tubing depth (ft.) BTOC | 10.0 |
| Initial pump speed | 4.14 |
| Time pump speed was initialized | 12:40 |
| Pump speed at flow into cylinder | 4.14 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: probe is clean, no bubbles

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-27

DATE: 1/20/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny ~60°F 3-7 mph NW wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [X] 1 [ ] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 7.79 FT. to 17.79 FT.

INITIAL WATER LEVEL (BTOC): 4.77 FT. | TIME: 13:28 | BTOC WELL SCREEN INTERVAL: 7.52 FT. to 17.52 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 13.85 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 13.84 FT. | HEIGHT OF STICK-UP: -0.27 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 13:42 | 0 | 21.63 | 6.32 | 21 | 0.853 | 25.0 | 3.68 | N/A | |
| 13:47 | 720 | 21.73 | 6.21 | 19 | 0.884 | 16.6 | 2.64 | N/A | |
| 13:52 | 1080 | 21.88 | 6.26 | 20 | 0.892 | 12.6 | 1.67 | N/A | |
| 13:57 | 1640 | 22.03 | 6.25 | 25 | 0.893 | 4.2 | 1.48 | N/A | |
| | | | | | | | | 8.17 | |

COMMENTS: Measure depth to bottom during Jan. 2014 event

SAMPLE COLLECTION TIME: 13:58

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 13 |
| Final tubing depth (ft.) BTOC | 13 |
| Initial pump speed | 3.51 |
| Time pump speed was initialized | 13:37 |
| Pump speed at flow into cylinder | 3.51 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: large plug of bacteria on first pull, redirected bacteria plug from Horiba to purge water bucket then reconnected line to Horiba for sampling

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-29

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Partly Cloudy ~55°F 0-5 MPH. S. Wind Clouds are dark

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [ ] 4 [ ] 6 [X] OTHER (3/4") | BGS WELL SCREEN INTERVAL: 10.00 FT. to 20.00 FT.

INITIAL WATER LEVEL (BTOC): 6.30 FT. | TIME: 10:52 | BTOC WELL SCREEN INTERVAL: 13.55 FT. to 23.55 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 23.26 FT. | MEASURED TOTAL WELL DEPTH (BTOC 23.15 FT. | HEIGHT OF STICK-UP: 3.55 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND1 BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

Background odor of turpentine

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 11:24 | Ø | 14.34 | 4.52 | 89 | 1.69 | 28.8 | 4.31 | NA | First pull appears clear in |
| 11:29 | 1180 | 16.23 | 4.70 | 75 | 1.77 | 128 | 1.37 | NA | tubing |
| 11:34 | 2220 | 16.87 | 4.79 | 70 | 1.78 | 141 | 1.09 | NA | water is cloudy in cylinder |
| 11:39 | 3180 | 17.17 | 4.78 | 70 | 1.79 | 91.0 | 0.88 | NA | |
| 11:44 | 4200 | 17.35 | 4.76 | 71 | 1.78 | 84.0 | 0.77 | NA | |
| 11:49 | 5240 | 17.35 | 4.74 | 71 | 1.78 | 50.5 | 0.69 | NA | |
| 11:54 | 6200 | 17.40 | 4.72 | 71 | 1.77 | 39.6 | 0.66 | NA | |
| 11:55 | — | — | — | — | — | — | — | 15.24 | |

COMMENTS:

SAMPLE COLLECTION TIME: 11:56

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.
Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 23.0 |
| Initial tubing depth (ft.) BTOC | 19.0 |
| Final tubing depth (ft.) BTOC | 19.0 |
| Initial pump speed | 6.07 |
| Time pump speed was initialized | 11:22 |
| Pump speed at flow into cylinder | 6.07 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 11:33 | 11:43 | 11:53 | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2020 | 4000 | 6000 | | | | | |

Additional remarks: Orange bacteria on probe tip after taking DTW

many small air bubbles coming up tubing

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-30

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Scattered clouds ~60°F 0-5 MPH S. wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.25 FT. to 15.25 FT.

INITIAL WATER LEVEL (BTOC): 5.00 FT. TIME: 15:40 | BTOC WELL SCREEN INTERVAL: 4.97 FT. to 14.97 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.07 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 15.05 FT. | HEIGHT OF STICK-UP: 0.28 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

Turpentine background odor

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 15:54 | Ø | 19.33 | 4.68 | 81 | 0.310 | 0.0 | 4.14 | 5.05 | first pull clear w/ tan bacte |
| 15:59 | 860 | 19.77 | 4.63 | 87 | 0.315 | 0.0 | 2.33 | 5.07 | water in cylinder is clear |
| 16:05 apg ~~16:55~~ | 2000 | 19.84 | 4.62 | 90 | 0.317 | 0.0 | 1.66 | 5.07 | |

COMMENTS:

SAMPLE COLLECTION TIME: 16:06

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 10 |
| Final tubing depth (ft.) BTOC | 10 |
| Initial pump speed | 5.04 |
| Time pump speed was initialized | 15:51 |
| Pump speed at flow into cylinder | 5.04 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 15:55 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: Samples are very clear

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-31

DATE: 1/20/19 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: sunny ~65°F 3-7mph wind West - East

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 10.50 FT. to 20.50 FT.

INITIAL WATER LEVEL (BTOC): 5.2 FT. | TIME: 14:19 | BTOC WELL SCREEN INTERVAL: 10.08 FT. to 20.08 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 20.48 FT. | MEASURED TOTAL WELL DEPTH (BTOC): FT. | HEIGHT OF STICK-UP: 0.42 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND | BENEATH OUTER CAP: ND | BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 14:33 | 0 | 21.60 | 6.60 | 25 | 0.995 | 20.8 | 4.69 | 5.55 | |
| 14:40 | 1220 | 21.40 | 6.63 | 15 | 1.050 | 0.0 | 1.72 | 5.58 | |
| 14:45 | 2000 | 21.26 | 6.63 | 16 | 1.060 | 0.0 | 1.37 | 5.58 | |
| 14:51 | 2960 | 21.20 | 6.62 | 18 | 1.060 | 0.0 | 1.14 | 5.58 | |

COMMENTS:

SAMPLE COLLECTION TIME: 14:52

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 15 |
| Final tubing depth (ft.) BTOC | 15 |
| Initial pump speed | 4.52 |
| Time pump speed was initialized | 14:29 |
| Pump speed at flow into cylinder | 4.52 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 14:45 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: a large amount of tan bacteria on first pull

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-32

DATE: 1/21/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny ~55 °F 0-3 mph very little wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.50 FT. to 16.50 FT.

INITIAL WATER LEVEL (BTOC): 6.47 FT. TIME: 9:45 | BTOC WELL SCREEN INTERVAL: 6.08 FT. to 16.08 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 16.43 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 16.41 FT. | HEIGHT OF STICK-UP: 0.42 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 10:27 | 0 | 18.52 | 4.89 | 133 | 1.170 | 0.0 | 2.850 | 6.63 | |
| 10:32 | 620 | 19.10 | 4.77 | 144 | 1.200 | 0.0 | 1.450 | 6.68 | |
| 10:37 | 1260 | 19.39 | 4.76 | 147 | 1.210 | 0.0 | 0.850 | 6.71 | |
| 10:42 | 1880 | 19.47 | 4.76 | 148 | 1.210 | 0.0 | 0.620 | 6.73 | |
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COMMENTS:

SAMPLE COLLECTION TIME: 10:43

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 12 |
| Final tubing depth (ft.) BTOC | 12 |
| Initial pump speed | 4.06 |
| Time pump speed was initialized | 10:22 |
| Pump speed at flow into cylinder | 4.06 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: first pull is clear, no bacteria

# ENVIRONMENTAL INTERNATIONAL CORPORATION



## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-33

DATE: 1/19/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Scattered clouds ~60°F 5-10 mph S. wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.50 FT. to 15.50 FT.

INITIAL WATER LEVEL (BTOC): 2.72 FT. | TIME: 11:45 | BTOC WELL SCREEN INTERVAL: 5.50 FT. to 15.50 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 14.42 FT. | MEASURED TOTAL WELL DEPTH (BTOC) 14.35 FT. | HEIGHT OF STICK-UP: 0 FT.

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) 2.72 | REMARKS (COLOR, ODOR, ETC.) APG |
|---|---|---|---|---|---|---|---|---|---|
| 15:20 | Ø | 18.27 | 5.54 | 52 | 0.476 | 1.6 | 3.6 | ~~3.42~~ | first pull has tan tint |
| 15:25 | 980 | 18.55 | 5.48 | 48 | 0.490 | 0.0 | 2.33 | 2.78 | water has yellow/tan tint |
| 15:30 | 2000 | 18.62 | 5.45 | 43 | 0.494 | 0.0 | 1.35 | 2.82 | cylinder otherwise clear |
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background turpentine odor

COMMENTS:

SAMPLE COLLECTION TIME: 15:33

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 10.5 |
| Final tubing depth (ft.) BTOC | 10.5 |
| Initial pump speed | 5.07 |
| Time pump speed was initialized | 15.17 |
| Pump speed at flow into cylinder | 5.07 |
| Started new roll of tubing at | |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 15:30 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: black bacteria on probe tip after taking DTW measurement.

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-34

DATE: 1/20/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear skies ~50°F 0 mph wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [ ] 2 [X] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 6.50 FT. to 16.50 FT.

INITIAL WATER LEVEL (BTOC): 3.4 FT. | TIME: 16:01 | BTOC WELL SCREEN INTERVAL: 6.02 FT. to 16.02 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 16.34 FT. | MEASURED TOTAL WELL DEPTH (BTOC 16.34 FT. | HEIGHT OF STICK-UP: 0.48 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 16:09 | Ø | 18.97 | 5.04 | 120 | 0.178 | 18.9 | 6.26 | 3.51 | 1/4" red bacteria at front |
| 16:15 | 780 | 19.24 | 4.52 | 160 | 0.183 | 5.2 | 3.02 | 3.51 | of first pull |
| 16:20 | 1480 | 19.33 | 4.48 | 164 | 0.184 | 4.6 | 1.96 | 3.50 | |
| 16:25 | 2100 | 19.32 | 4.48 | 166 | 0.186 | 2.5 | 1.37 | 3.5 | water appears clear in cylinder |
| | | | | | | | | | |
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COMMENTS: | SAMPLE COLLECTION TIME: 16:26

PREPARED BY:

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 11.5 |
| Final tubing depth (ft.) BTOC | 11.5 |
| Initial pump speed | 4.01 |
| Time pump speed was initialized | 16:05 |
| Pump speed at flow into cylinder | 4.01 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 16:25 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2100 | | | | | | | |

Additional remarks:

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-35

DATE: 1/21/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny NW wind 0-5 mph ~55°F

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.63 FT. to 15.63 FT.

INITIAL WATER LEVEL (BTOC): 5.63 FT. | TIME: 8:41 | BTOC WELL SCREEN INTERVAL: 5.32 FT. to 15.32 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.32 FT. | MEASURED TOTAL WELL DEPTH (BTOC) FT. | HEIGHT OF STICK-UP: -0.31 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 8:51 | 0 | 17.81 | 6.86 | 163 | 0.671 | 115 | 3.49 | 5.64 | |
| 8:57 | 840 | 17.34 | 6.76 | 80 | 0.677 | 1.1 | 1.43 | 5.94 | |
| 9:02 | 1500 | 17.22 | 6.77 | 50 | 0.675 | 0.0 | 1.00 | 5.94 | |

COMMENTS: Mark N. side TOC during Jan. 2014 event

SAMPLE COLLECTION TIME: 9:03

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 10 |
| Final tubing depth (ft.) BTOC | 10 |
| Initial pump speed | 4.02 |
| Time pump speed was initialized | 8:47 |
| Pump speed at flow into cylinder | 4.02 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: 1/4" of tan bacteria on first pull, clear after bacteria plug

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-36

DATE: 1/21/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Sunny ~60°F 0-5 mph wind NE

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.55 FT. to 15.55 FT.

INITIAL WATER LEVEL (BTOC): 8.53 FT. | TIME: 9:52 | BTOC WELL SCREEN INTERVAL: 5.43 FT. to 15.43 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.425 FT. | MEASURED TOTAL WELL DEPTH (BTOC) FT. | HEIGHT OF STICK-UP: -0.125 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 11:04 | 0 | 19.81 | 6.49 | 46 | 1.39 | 0.0 | 2.36 | 7.72 | |
| 11:09 | 440 | 20.57 | 6.52 | 18 | 1.41 | 0.0 | 1.26 | 7.77 | |
| 11:14 | 860 | 20.99 | 6.51 | -3 | 1.41 | 0.0 | 0.83 | 7.80 | |

COMMENTS: Mark N. side of TOC during Jan. 2014 event

SAMPLE COLLECTION TIME: 11:15

PREPARED BY: Will Grant

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant.

Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20 |
| Initial tubing depth (ft.) BTOC | 12 |
| Final tubing depth (ft.) BTOC | 12 |
| Initial pump speed | 3.01 |
| Time pump speed was initialized | 10:57 |
| Pump speed at flow into cylinder | 3.01 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | | | | | | | | |

Additional remarks: first pull is tan in color, no bacteria, tan in cylinder

# ENVIRONMENTAL INTERNATIONAL CORPORATION
## WELL PURGING AND SAMPLING DATA LOG

WELL/SAMPLE NO: MW-37

DATE: ~~1/19/14~~ 1/20/14 | PROJECT NAME: VOPAK Savannah | PROJECT NO: 390020

WEATHER CONDITIONS: Clear skies ~60°F 5-10 MPH NE wind

SAMPLE TYPE: [X] GROUNDWATER [ ] WASTEWATER [ ] SURFACE WATER [ ] OTHER

WELL DIAMETER (IN.) [ ] 1 [X] 2 [ ] 4 [ ] 6 [ ] OTHER | BGS WELL SCREEN INTERVAL: 5.15 FT. to 15.15 FT.

INITIAL WATER LEVEL (BTOC): 4.15 FT. | TIME: 16:14 | BTOC WELL SCREEN INTERVAL: 5.15 FT. to 15.15 FT.

HISTORICAL TOTAL WELL DEPTH (BTOC): 15.15 FT. | MEASURED TOTAL WELL DEPTH (BTOC FT. | HEIGHT OF STICK-UP: 0 FT. BGS

PURGING DEVICE: Pegasus Alexis Peristaltic Pump [ ] DEDICATED [ ] DISPOSABLE [ ] DECONTAMINATED

SAMPLING DEVICE: 1/4" Teflon lined tubing [ ] DEDICATED [X] DISPOSABLE [ ] DECONTAMINATED

EQUIP. DECON. [X] ALCONOX WASH [ ] ISOPROPANOL [X] DIST/DEION 1 RINSE [ ] DIST/DEION FINAL RINSE [X] AIR DRY

[ ] LIQUINOX WASH [ ] DIST/DEION 2 RINSE [ ] OTHER SOLVENT [ ] TAP WATER WASH [ ] TAP WATER FINAL RINSE

PID/FID READINGS (ppm): BACKGROUND: ND BENEATH OUTER CAP: ND BENEATH INNER CAP: ND

CONTAINER PRESERVATION: [X] LAB PRESERVED [ ] FIELD PRESERVED

ANALYTICAL PARAMETERS: 8260 B

LABORATORY PERFORMING ANALYSIS: Xenco | WATER ANALYZER MODEL: Horiba U-52 | SERIAL # UDRU5DA9

| TIME | VOLUME PURGED (mL) | TEMP (°C) | pH | ORP (mV) | SPEC. COND. (mS/cm) | TURBIDITY (NTU) | DISS. OXYGEN. (mg/L) | DTW (FT) | REMARKS (COLOR, ODOR, ETC.) |
|---|---|---|---|---|---|---|---|---|---|
| 16:52 | Ø | 17.75 | 5.39 | 123 | 0.281 | 91 | 6.96 | 4.24 | red bacteria in first pull |
| 16:58 | 1140 | 17.72 | 5.39 | 119 | 0.292 | 47.3 | 4.08 | 4.28 | water is clean in cylinder |
| 17:03 | 2100 | 17.76 | 5.38 | 118 | 0.295 | 27.2 | 3.07 | ~~3.07~~ 4.3 | |
| 17:09 | 3220 | 17.79 | 5.34 | 120 | 0.295 | 41.1 | 1.33 | 4.27 | |

COMMENTS: Mark N. Side of TOC during Jan. 2014 event

SAMPLE COLLECTION TIME: 17:11

PREPARED BY: Patrick Grayson

* Parameters are stabilized when 3 consecutive readings are within ± 0.1 FOR pH and ± 5% for specific conductivity is constant. Reasonable attempts must be made to reach a 0.2 mg/L dissolved oxygen reading and a turbidity reading below 10 NTU as per the Groundwater Sampling Operating Procedure, US EPA, Region 4, # SESDPROC-301-R3.

| | |
|---|---|
| Length of tubing cut (ft.) | 20.0 |
| Initial tubing depth (ft.) BTOC | 10.5 |
| Final tubing depth (ft.) BTOC | 10.5 |
| Initial pump speed | 5.02 |
| Time pump speed was initialized | 16:49 |
| Pump speed at flow into cylinder | 5.02 |
| Started new roll of tubing at | — |
| Three well volume (mL) | — |

2,000 mL volume poured into bucket:

| Time | 17:02 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cummulative Volume (mL) | 2000 | | | | | | | |

Additional remarks: gased from black mark on high side of TOC.
Red bacteria on probe
few red bacteria in samples

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# ATTACHMENT D

# Analytical Report 471644

## for

## Environmental International Corporation

**Project Manager: Alan Sanders**

**VOPAK-Savannah**

**390020**

**10-OCT-13**

Collected By: Client

**6017 Financial Dr., Norcross, GA 30071**
**Ph:(770) 449-8800 Fax:(770) 449-5477**

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-13-15-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD ( L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

10-OCT-13

Project Manager: **Alan Sanders**
**Environmental International Corporation**
161 Kimball Bridge Road, Suite 100
Alpharetta, GA 30009

Reference: XENCO Report No(s): **471644**
**VOPAK-Savannah**
Project Address: GA

**Alan Sanders**:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 471644. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 471644 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Eben D. Buchanan, Jr.

**Eben Buchanan**
Project Manager

***Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.***
*Certified and approved by numerous States and Agencies.*
*A Small Business and Minority Status Company that delivers SERVICE and QUALITY*

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

# Sample Cross Reference 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|---|---|---|---|---|
| LAW-PZ-8R | W | 10-03-13 13:20 | | 471644-001 |
| PAN-MW-9 | W | 10-01-13 11:08 | | 471644-002 |
| PAN-MW-10 | W | 10-02-13 08:47 | | 471644-003 |
| MW-14 | W | 10-02-13 11:11 | | 471644-004 |
| MW-16 | W | 10-03-13 09:56 | | 471644-005 |
| MW-17R | W | 10-02-13 17:20 | | 471644-006 |
| IW-18 | W | 10-03-13 11:36 | | 471644-007 |
| MW-18R | W | 10-01-13 18:28 | | 471644-008 |
| MW-19 | W | 10-03-13 19:05 | | 471644-009 |
| MW-23 | W | 10-01-13 17:00 | | 471644-010 |
| MW-24R | W | 10-02-13 10:07 | | 471644-011 |
| MW-25 | W | 10-03-13 18:25 | | 471644-012 |
| MW-26R | W | 10-03-13 17:34 | | 471644-013 |
| MW-27 | W | 10-01-13 15:25 | | 471644-014 |
| MW-29 | W | 10-01-13 12:39 | | 471644-015 |
| MW-30 | W | 10-03-13 16:10 | | 471644-016 |
| MW-32 | W | 10-02-13 18:25 | | 471644-017 |
| MW-33 | W | 10-02-13 12:27 | | 471644-018 |
| MW-34 | W | 10-02-13 14:50 | | 471644-019 |
| Stilling Well H | W | 10-03-13 08:45 | | 471644-020 |
| Stilling Well L | W | 10-03-13 15:05 | | 471644-021 |
| Trip Blank | W | 10-01-13 00:00 | | 471644-022 |

**Sample receipt non conformances and comments:**

**Sample receipt non conformances and comments per sample:**

None

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **LAW-PZ-8R**
Lab Sample Id :471644-001

Matrix : Water
Date Collected :10.03.13 13.20
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 10000 | ug/L | 10.08.13 18.59 | D | 1000 |
| Benzene | 71-43-2 | 1500 | ug/L | 10.08.13 18.03 | | 10 |
| Chlorobenzene | 108-90-7 | 3700 | ug/L | 10.08.13 18.59 | D | 1000 |
| 2-Butanone (MEK) | 78-93-3 | 120 | ug/L | 10.08.13 18.03 | | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 320 | ug/L | 10.08.13 18.03 | | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 140 | ug/L | 10.08.13 18.03 | | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 1000 | ug/L | 10.08.13 18.03 | | 10 |
| 1,1-Dichloroethene | 75-35-4 | 13 | ug/L | 10.08.13 18.03 | | 10 |
| cis-1,2-Dichloroethene | 156-59-2 | 8500 | ug/L | 10.08.13 18.59 | D | 1000 |
| trans-1,2-Dichloroethene | 156-60-5 | 29 | ug/L | 10.08.13 18.03 | | 10 |
| Ethylbenzene | 100-41-4 | 6800 | ug/L | 10.08.13 18.59 | D | 1000 |
| Isopropylbenzene | 98-82-8 | 78 | ug/L | 10.08.13 18.03 | | 10 |
| Tetrachloroethene | 127-18-4 | 44 | ug/L | 10.08.13 18.03 | | 10 |
| Toluene | 108-88-3 | 510 | ug/L | 10.08.13 18.03 | | 10 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 200 | ug/L | 10.08.13 18.03 | | 10 |
| Trichloroethene | 79-01-6 | 8.5 | ug/L | 10.08.13 18.03 | J | 10 |
| Vinyl chloride | 75-01-4 | 830 | ug/L | 10.08.13 18.03 | | 10 |
| Xylenes, Total | 1330-20-7 | 110000 | ug/L | 10.08.13 18.59 | | 1000 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **PAN-MW-9** Matrix : Water % Moisture :
Lab Sample Id :471644-002 Date Collected :10.01.13 11.08
Date Received :10.04.13 17.50

Analytical Method : Inorganic Anions by SW 9056A Prep Method: SW9056P
Seq Number 924585 Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 143 | mg/L | 10.08.13 14.37 | | 1 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 557 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method : VOCs by SW-846 8260B Prep Method: SW5030B
Seq Number 924559 Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 18 | ug/L | 10.07.13 22.16 | | 1 |
| Benzene | 71-43-2 | 1.1 | ug/L | 10.07.13 22.16 | | 1 |
| Carbon disulfide | 75-15-0 | 1.9 | ug/L | 10.07.13 22.16 | | 1 |
| Chlorobenzene | 108-90-7 | 14 | ug/L | 10.07.13 22.16 | | 1 |
| 2-Butanone (MEK) | 78-93-3 | 14 | ug/L | 10.07.13 22.16 | | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | 2.3 | ug/L | 10.07.13 22.16 | | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | 7.4 | ug/L | 10.07.13 22.16 | | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | 14 | ug/L | 10.07.13 22.16 | | 1 |
| 1,1-Dichloroethene | 75-35-4 | 1.4 | ug/L | 10.07.13 22.16 | | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | 2500 | ug/L | 10.08.13 17.03 | D | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 8.1 | ug/L | 10.07.13 22.16 | | 1 |
| Ethylbenzene | 100-41-4 | 1000 | ug/L | 10.07.13 23.39 | D | 10 |
| Isopropylbenzene | 98-82-8 | 27 | ug/L | 10.07.13 22.16 | | 1 |
| Tetrachloroethene | 127-18-4 | 29 | ug/L | 10.07.13 22.16 | | 1 |
| Toluene | 108-88-3 | 1.5 | ug/L | 10.07.13 22.16 | | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 16 | ug/L | 10.07.13 22.16 | | 1 |
| Trichloroethene | 79-01-6 | 440 | ug/L | 10.07.13 23.39 | D | 10 |
| Vinyl chloride | 75-01-4 | 76 | ug/L | 10.07.13 22.16 | | 1 |
| Xylenes, Total | 1330-20-7 | 2600 | ug/L | 10.07.13 23.39 | | 10 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **PAN-MW-10**
Lab Sample Id :471644-003

Matrix : Water
Date Collected :10.02.13 08.47
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 156-59-2 | 0.76 | ug/L | 10.07.13 20.28 | J | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-14**
Lab Sample Id :471644-004

Matrix : Water
Date Collected :10.02.13 11.11
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : Inorganic Anions by SW 9056A
Seq Number 924585

Prep Method: SW9056P
Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 3.98 | mg/L | 10.08.13 14.56 | | 1 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 297 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | 3.5 | ug/L | 10.08.13 14.13 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-16**
Lab Sample Id :471644-005

Matrix : Water
Date Collected :10.03.13 09.56
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : Inorganic Anions by SW 9056A
Seq Number 924585

Prep Method: SW9056P
Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 46.0 | mg/L | 10.08.13 15.15 | | 1 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 298 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 9.3 | ug/L | 10.07.13 22.43 | | 1 |
| Benzene | 71-43-2 | 0.83 | ug/L | 10.07.13 22.43 | J | 1 |
| Chlorobenzene | 108-90-7 | 6.9 | ug/L | 10.07.13 22.43 | | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | 1.5 | ug/L | 10.07.13 22.43 | | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | 4.2 | ug/L | 10.07.13 22.43 | | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | 110 | ug/L | 10.07.13 22.43 | | 1 |
| Ethylbenzene | 100-41-4 | 1.2 | ug/L | 10.07.13 22.43 | | 1 |
| Tetrachloroethene | 127-18-4 | 0.58 | ug/L | 10.07.13 22.43 | J | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 5.6 | ug/L | 10.07.13 22.43 | | 1 |
| Trichloroethene | 79-01-6 | 1.1 | ug/L | 10.07.13 22.43 | | 1 |
| Vinyl chloride | 75-01-4 | 86 | ug/L | 10.07.13 22.43 | | 1 |
| Xylenes, Total | 1330-20-7 | 5.6 | ug/L | 10.07.13 22.43 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-17R**
Lab Sample Id :471644-006

Matrix : Water
Date Collected :10.02.13 17.20
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Ethylbenzene | 100-41-4 | 0.83 | ug/L | 10.07.13 20.55 | J | 1 |
| Isopropylbenzene | 98-82-8 | 68 | ug/L | 10.07.13 20.55 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **IW-18**
Lab Sample Id :471644-007

Matrix : Water
Date Collected :10.03.13 11.36
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 120 | ug/L | 10.08.13 18.32 | | 10 |
| Benzene | 71-43-2 | 26 | ug/L | 10.08.13 18.32 | | 10 |
| Chlorobenzene | 108-90-7 | 180 | ug/L | 10.08.13 18.32 | | 10 |
| 2-Butanone (MEK) | 78-93-3 | 170 | ug/L | 10.08.13 18.32 | | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 29 | ug/L | 10.08.13 18.32 | | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 11 | ug/L | 10.08.13 18.32 | | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 120 | ug/L | 10.08.13 18.32 | | 10 |
| 1,1-Dichloroethene | 75-35-4 | 6.3 | ug/L | 10.08.13 18.32 | J | 10 |
| cis-1,2-Dichloroethene | 156-59-2 | 6400 | ug/L | 10.08.13 19.26 | D | 1000 |
| trans-1,2-Dichloroethene | 156-60-5 | 19 | ug/L | 10.08.13 18.32 | | 10 |
| Ethylbenzene | 100-41-4 | 56 | ug/L | 10.08.13 18.32 | | 10 |
| 2-Hexanone | 591-78-6 | 81 | ug/L | 10.08.13 18.32 | | 10 |
| Tetrachloroethene | 127-18-4 | 29 | ug/L | 10.08.13 18.32 | | 10 |
| Toluene | 108-88-3 | 12 | ug/L | 10.08.13 18.32 | | 10 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 40 | ug/L | 10.08.13 18.32 | | 10 |
| Trichloroethene | 79-01-6 | 26 | ug/L | 10.08.13 18.32 | | 10 |
| Vinyl chloride | 75-01-4 | 670 | ug/L | 10.08.13 18.32 | | 10 |
| Xylenes, Total | 1330-20-7 | 510 | ug/L | 10.08.13 18.32 | | 10 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-18R**
Lab Sample Id :471644-008

Matrix : Water
Date Collected :10.01.13 18.28
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 75-71-8 | 6.2 | ug/L | 10.07.13 21.22 | | 1 |
| 1,1-Dichloroethane | 75-34-3 | 0.53 | ug/L | 10.07.13 21.22 | J | 1 |
| 1,1-Dichloroethene | 75-35-4 | 0.80 | ug/L | 10.07.13 21.22 | J | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-24R**
Lab Sample Id :471644-011

Matrix : Water
Date Collected :10.02.13 10.07
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 6.0 | ug/L | 10.08.13 16.03 | | 1 |
| Chlorobenzene | 108-90-7 | 0.93 | ug/L | 10.08.13 16.03 | J | 1 |
| 2-Butanone (MEK) | 78-93-3 | 28 | ug/L | 10.08.13 16.03 | | 1 |
| 1,1-Dichloroethene | 75-35-4 | 1.0 | ug/L | 10.08.13 16.03 | J | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | 2.3 | ug/L | 10.08.13 16.03 | | 1 |
| Ethylbenzene | 100-41-4 | 0.79 | ug/L | 10.08.13 16.03 | J | 1 |
| Methyl tert-butyl ether | 1634-04-4 | 290 | ug/L | 10.08.13 16.03 | | 1 |
| Tetrachloroethene | 127-18-4 | 3.3 | ug/L | 10.08.13 16.03 | | 1 |
| Toluene | 108-88-3 | 0.41 | ug/L | 10.08.13 16.03 | J | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.63 | ug/L | 10.08.13 16.03 | J | 1 |
| Trichloroethene | 79-01-6 | 2.2 | ug/L | 10.08.13 16.03 | | 1 |
| Vinyl chloride | 75-01-4 | 43 | ug/L | 10.08.13 16.03 | | 1 |
| Xylenes, Total | 1330-20-7 | 6.3 | ug/L | 10.08.13 16.03 | | 1 |

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.09.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 156-59-2 | 450 | ug/L | 10.09.13 13.17 | D | 10 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-26R**
Lab Sample Id :471644-013

Matrix : Water
Date Collected :10.03.13 17.34
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 33 | ug/L | 10.08.13 01.09 | | 10 |
| Chlorobenzene | 108-90-7 | 140 | ug/L | 10.08.13 01.09 | | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 19 | ug/L | 10.08.13 01.09 | | 10 |
| cis-1,2-Dichloroethene | 156-59-2 | 150 | ug/L | 10.08.13 01.09 | | 10 |
| Ethylbenzene | 100-41-4 | 160 | ug/L | 10.08.13 01.09 | | 10 |
| Toluene | 108-88-3 | 10 | ug/L | 10.08.13 01.09 | J | 10 |
| Vinyl chloride | 75-01-4 | 53 | ug/L | 10.08.13 01.09 | | 10 |
| Xylenes, Total | 1330-20-7 | 2300 | ug/L | 10.08.13 01.09 | | 10 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-27**
Lab Sample Id : 471644-014

Matrix : Water
Date Collected : 10.01.13 15.25
Date Received : 10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chlorobenzene | 108-90-7 | 1.0 | ug/L | 10.08.13 15.36 | J | 1 |
| Vinyl chloride | 75-01-4 | 2.9 | ug/L | 10.08.13 15.36 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-29**
Lab Sample Id :471644-015

Matrix : Water
Date Collected :10.01.13 12.39
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 560 | ug/L | 10.08.13 01.39 | | 10 |
| Benzene | 71-43-2 | 20 | ug/L | 10.08.13 01.39 | | 10 |
| Chlorobenzene | 108-90-7 | 200 | ug/L | 10.08.13 01.39 | | 10 |
| 2-Butanone (MEK) | 78-93-3 | 140 | ug/L | 10.08.13 01.39 | | 10 |
| Chloroform | 67-66-3 | 20 | ug/L | 10.08.13 01.39 | | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 44 | ug/L | 10.08.13 01.39 | | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 90 | ug/L | 10.08.13 01.39 | | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 290 | ug/L | 10.08.13 01.39 | | 10 |
| 1,1-Dichloroethene | 75-35-4 | 12 | ug/L | 10.08.13 01.39 | | 10 |
| cis-1,2-Dichloroethene | 156-59-2 | 6100 | ug/L | 10.08.13 03.09 | D | 100 |
| trans-1,2-Dichloroethene | 156-60-5 | 13 | ug/L | 10.08.13 01.39 | | 10 |
| Ethylbenzene | 100-41-4 | 1200 | ug/L | 10.08.13 01.39 | | 10 |
| Isopropylbenzene | 98-82-8 | 20 | ug/L | 10.08.13 01.39 | | 10 |
| Methylene chloride | 75-09-2 | 11 | ug/L | 10.08.13 01.39 | | 10 |
| Tetrachloroethene | 127-18-4 | 140 | ug/L | 10.08.13 01.39 | | 10 |
| Toluene | 108-88-3 | 10 | ug/L | 10.08.13 01.39 | J | 10 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 310 | ug/L | 10.08.13 01.39 | | 10 |
| Trichloroethene | 79-01-6 | 66 | ug/L | 10.08.13 01.39 | | 10 |
| Vinyl chloride | 75-01-4 | 760 | ug/L | 10.08.13 01.39 | | 10 |
| Xylenes, Total | 1330-20-7 | 2500 | ug/L | 10.08.13 01.39 | | 10 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-30**
Lab Sample Id : 471644-016

Matrix : Water
Date Collected : 10.03.13 16.10
Date Received : 10.04.13 17.50

% Moisture :

Analytical Method : Inorganic Anions by SW 9056A
Seq Number 924585

Prep Method: SW9056P
Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 45.1 | mg/L | 10.08.13 15.33 | | 1 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 268 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chlorobenzene | 108-90-7 | 2.0 | ug/L | 10.08.13 15.07 | | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | 6.2 | ug/L | 10.08.13 15.07 | | 1 |
| Vinyl chloride | 75-01-4 | 2.5 | ug/L | 10.08.13 15.07 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-32**
Lab Sample Id :471644-017

Matrix : Water
Date Collected :10.02.13 18.25
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : Inorganic Anions by SW 9056A
Seq Number 924585

Prep Method: SW9056P
Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 264 | mg/L | 10.08.13 15.52 | | 1 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 882 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chlorobenzene | 108-90-7 | 48 | ug/L | 10.08.13 02.09 | | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 8.4 | ug/L | 10.08.13 02.09 | J | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 41 | ug/L | 10.08.13 02.09 | | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 72 | ug/L | 10.08.13 02.09 | | 10 |
| cis-1,2-Dichloroethene | 156-59-2 | 1600 | ug/L | 10.08.13 02.09 | | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 6.6 | ug/L | 10.08.13 02.09 | J | 10 |
| Ethylbenzene | 100-41-4 | 160 | ug/L | 10.08.13 02.09 | | 10 |
| Tetrachloroethene | 127-18-4 | 6200 | ug/L | 10.08.13 03.39 | D | 100 |
| Toluene | 108-88-3 | 7.2 | ug/L | 10.08.13 02.09 | J | 10 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 300 | ug/L | 10.08.13 02.09 | | 10 |
| Trichloroethene | 79-01-6 | 1300 | ug/L | 10.08.13 02.09 | | 10 |
| Vinyl chloride | 75-01-4 | 220 | ug/L | 10.08.13 02.09 | | 10 |
| Xylenes, Total | 1330-20-7 | 110 | ug/L | 10.08.13 02.09 | | 10 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-33**
Lab Sample Id :471644-018

Matrix : Water
Date Collected :10.02.13 12.27
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 10 | ug/L | 10.07.13 23.10 | | 1 |
| Benzene | 71-43-2 | 1.8 | ug/L | 10.07.13 23.10 | | 1 |
| Chlorobenzene | 108-90-7 | 88 | ug/L | 10.07.13 23.10 | | 1 |
| Chloroform | 67-66-3 | 0.58 | ug/L | 10.07.13 23.10 | J | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | 27 | ug/L | 10.07.13 23.10 | | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | 160 | ug/L | 10.07.13 23.10 | | 1 |
| 1,1-Dichloroethene | 75-35-4 | 2.0 | ug/L | 10.07.13 23.10 | | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | 800 | ug/L | 10.08.13 00.39 | D | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 6.2 | ug/L | 10.07.13 23.10 | | 1 |
| Ethylbenzene | 100-41-4 | 9.0 | ug/L | 10.07.13 23.10 | | 1 |
| Tetrachloroethene | 127-18-4 | 1.2 | ug/L | 10.07.13 23.10 | | 1 |
| Toluene | 108-88-3 | 2.0 | ug/L | 10.07.13 23.10 | | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 36 | ug/L | 10.07.13 23.10 | | 1 |
| Trichloroethene | 79-01-6 | 4.8 | ug/L | 10.07.13 23.10 | | 1 |
| Vinyl chloride | 75-01-4 | 480 | ug/L | 10.08.13 00.39 | D | 10 |
| Xylenes, Total | 1330-20-7 | 26 | ug/L | 10.07.13 23.10 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **MW-34**
Lab Sample Id :471644-019

Matrix : Water
Date Collected :10.02.13 14.50
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924648

Prep Method: SW5030B
Date Prep: 10.08.13 08.26

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | 9.0 | ug/L | 10.08.13 14.40 | | 1 |
| Benzene | 71-43-2 | 1.3 | ug/L | 10.08.13 14.40 | | 1 |
| Chlorobenzene | 108-90-7 | 6.5 | ug/L | 10.08.13 14.40 | | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | 1.9 | ug/L | 10.08.13 14.40 | | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | 1.9 | ug/L | 10.08.13 14.40 | | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | 36 | ug/L | 10.08.13 14.40 | | 1 |
| Methylcyclohexane | 108-87-2 | 4.1 | ug/L | 10.08.13 14.40 | | 1 |
| Tetrachloroethene | 127-18-4 | 6.1 | ug/L | 10.08.13 14.40 | | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | 2.5 | ug/L | 10.08.13 14.40 | | 1 |
| Trichloroethene | 79-01-6 | 3.1 | ug/L | 10.08.13 14.40 | | 1 |
| Vinyl chloride | 75-01-4 | 9.8 | ug/L | 10.08.13 14.40 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **Stilling Well H**
Lab Sample Id : 471644-020

Matrix : Water
Date Collected : 10.03.13 08.45
Date Received : 10.04.13 17.50

% Moisture :

Analytical Method : Inorganic Anions by SW 9056A
Seq Number 924585

Prep Method: SW9056P
Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 2140 | mg/L | 10.08.13 16.10 | | 10 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 3920 | mg/L | 10.08.13 18.28 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **Stilling Well L**
Lab Sample Id : 471644-021

Matrix : Water
Date Collected : 10.03.13 15.05
Date Received : 10.04.13 17.50

% Moisture :

Analytical Method : Inorganic Anions by SW 9056A
Seq Number 924585

Prep Method: SW9056P
Date Prep: 10.08.13 07.00

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Chloride | 16887-00-6 | 1190 | mg/L | 10.08.13 16.29 | | 10 |

Analytical Method : TDS by SM2540C
Seq Number 924634

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Total dissolved solids | TDS | 2080 | mg/L | 10.08.13 18.28 | | 1 |

# Hits Summary 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id : **Trip Blank**
Lab Sample Id :471644-022

Matrix : Water
Date Collected :10.01.13 00.00
Date Received :10.04.13 17.50

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 924559

Prep Method: SW5030B
Date Prep: 10.07.13 16.29

| Parameter | Cas Numbe | Result | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|
| Methylene chloride | 75-09-2 | 2.6 | ug/L | 10.07.13 20.00 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **LAW-PZ-8R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-001 Date Collected: 10.03.13 13.20

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **10000** | 2000 | 350 | ug/L | 10.08.13 18.59 | D | 1000 |
| **Benzene** | 71-43-2 | **1500** | 10 | 1.6 | ug/L | 10.08.13 18.03 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.03 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 18.03 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.03 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 18.03 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 10.08.13 18.03 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **3700** | 1000 | 150 | ug/L | 10.08.13 18.59 | D | 1000 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 18.03 | U | 10 |
| **2-Butanone (MEK)** | 78-93-3 | **120** | 20 | 2.8 | ug/L | 10.08.13 18.03 | | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 18.03 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.03 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.03 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.03 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **320** | 10 | 1.4 | ug/L | 10.08.13 18.03 | | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **140** | 10 | 1.7 | ug/L | 10.08.13 18.03 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **1000** | 10 | 1.7 | ug/L | 10.08.13 18.03 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.03 | U | 10 |
| **1,1-Dichloroethene** | 75-35-4 | **13** | 10 | 2.0 | ug/L | 10.08.13 18.03 | | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **8500** | 1000 | 210 | ug/L | 10.08.13 18.59 | D | 1000 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **29** | 10 | 2.1 | ug/L | 10.08.13 18.03 | | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.03 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 10.08.13 18.03 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.03 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **6800** | 1000 | 190 | ug/L | 10.08.13 18.59 | D | 1000 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 10.08.13 18.03 | U | 10 |
| **Isopropylbenzene** | 98-82-8 | **78** | 10 | 1.5 | ug/L | 10.08.13 18.03 | | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 18.03 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.03 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 10.08.13 18.03 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 18.03 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 10.08.13 18.03 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.03 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **44** | 10 | 1.6 | ug/L | 10.08.13 18.03 | | 10 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **LAW-PZ-8R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-001 Date Collected: 10.03.13 13.20

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **510** | 10 | 1.4 | ug/L | 10.08.13 18.03 | | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **200** | 10 | 1.7 | ug/L | 10.08.13 18.03 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.03 | U | 10 |
| **Trichloroethene** | 79-01-6 | **8.5** | 10 | 1.9 | ug/L | 10.08.13 18.03 | J | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 10.08.13 18.03 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.03 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **830** | 10 | 1.9 | ug/L | 10.08.13 18.03 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **110000** | 1000 | 200 | ug/L | 10.08.13 18.59 | | 1000 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 118 | % | 53-159 | 10.08.13 18.03 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 10.08.13 18.03 | |
| Toluene-D8 | 2037-26-5 | 94 | % | 70-130 | 10.08.13 18.03 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-9** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-002 Date Collected: 10.01.13 11.08

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **557** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **143** | 1.00 | 0.0354 | mg/L | 10.08.13 14.37 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-9** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-002 Date Collected: 10.01.13 11.08

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **18** | 2.0 | 0.35 | ug/L | 10.07.13 22.16 | | 1 |
| **Benzene** | 71-43-2 | **1.1** | 1.0 | 0.16 | ug/L | 10.07.13 22.16 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.16 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 22.16 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.16 | U | 1 |
| **Carbon disulfide** | 75-15-0 | **1.9** | 1.0 | 0.26 | ug/L | 10.07.13 22.16 | | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 22.16 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **14** | 1.0 | 0.15 | ug/L | 10.07.13 22.16 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 22.16 | U | 1 |
| **2-Butanone (MEK)** | 78-93-3 | **14** | 2.0 | 0.28 | ug/L | 10.07.13 22.16 | | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 22.16 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.16 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.16 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.16 | U | 1 |
| **1,2-Dichlorobenzene** | 95-50-1 | **2.3** | 1.0 | 0.14 | ug/L | 10.07.13 22.16 | | 1 |
| **1,3-Dichlorobenzene** | 541-73-1 | **7.4** | 1.0 | 0.17 | ug/L | 10.07.13 22.16 | | 1 |
| **1,4-Dichlorobenzene** | 106-46-7 | **14** | 1.0 | 0.17 | ug/L | 10.07.13 22.16 | | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.16 | U | 1 |
| **1,1-Dichloroethene** | 75-35-4 | **1.4** | 1.0 | 0.20 | ug/L | 10.07.13 22.16 | | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **2500** | 50.0 | 11.0 | ug/L | 10.08.13 17.03 | D | 50 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **8.1** | 1.0 | 0.21 | ug/L | 10.07.13 22.16 | | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.16 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 22.16 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.16 | U | 1 |
| **Ethylbenzene** | 100-41-4 | **1000** | 10.0 | 1.90 | ug/L | 10.07.13 23.39 | D | 10 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 22.16 | U | 1 |
| **Isopropylbenzene** | 98-82-8 | **27** | 1.0 | 0.15 | ug/L | 10.07.13 22.16 | | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 22.16 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.16 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 22.16 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 22.16 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 22.16 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.16 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **29** | 1.0 | 0.16 | ug/L | 10.07.13 22.16 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-9** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-002 Date Collected: 10.01.13 11.08

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **1.5** | 1.0 | 0.14 | ug/L | 10.07.13 22.16 | | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **16** | 1.0 | 0.17 | ug/L | 10.07.13 22.16 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.16 | U | 1 |
| **Trichloroethene** | 79-01-6 | **440** | 10.0 | 1.90 | ug/L | 10.07.13 23.39 | D | 10 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 22.16 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.16 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **76** | 1.0 | 0.19 | ug/L | 10.07.13 22.16 | | 1 |
| **Xylenes, Total** | 1330-20-7 | **2600** | 10 | 2.0 | ug/L | 10.07.13 23.39 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 94 | % | 53-159 | 10.07.13 22.16 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 10.07.13 22.16 | |
| Toluene-D8 | 2037-26-5 | 102 | % | 70-130 | 10.07.13 22.16 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-10** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-003 Date Collected: 10.02.13 08.47

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.07.13 20.28 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.28 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.28 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.28 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.28 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 20.28 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 20.28 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.28 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 20.28 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 20.28 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.28 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.28 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.28 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.28 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 20.28 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **0.76** | 1.0 | 0.21 | ug/L | 10.07.13 20.28 | J | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.28 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 20.28 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.28 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.28 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 20.28 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.28 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 20.28 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.28 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 20.28 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 20.28 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 20.28 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.28 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.28 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-10** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-003 Date Collected: 10.02.13 08.47

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.28 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.28 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 20.28 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.28 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.28 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 20.28 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 120 | % | 53-159 | 10.07.13 20.28 | |
| 4-Bromofluorobenzene | 460-00-4 | 103 | % | 30-186 | 10.07.13 20.28 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 10.07.13 20.28 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-14** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-004 Date Collected: 10.02.13 11.11

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **297** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **3.98** | 1.00 | 0.0354 | mg/L | 10.08.13 14.56 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-14** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-004 Date Collected: 10.02.13 11.11

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.08.13 14.13 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 14.13 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.13 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 14.13 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.13 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 14.13 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 14.13 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.13 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 14.13 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.08.13 14.13 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 14.13 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.13 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.13 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 14.13 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 14.13 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 14.13 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.13 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 14.13 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.13 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 14.13 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 14.13 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.13 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 14.13 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.13 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 14.13 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 14.13 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.08.13 14.13 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.13 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 14.13 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-14** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-004 Date Collected: 10.02.13 11.11

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **3.5** | 1.0 | 0.14 | ug/L | 10.08.13 14.13 | | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.13 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 14.13 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 14.13 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.13 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 14.13 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 14.13 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 113 | % | 53-159 | 10.08.13 14.13 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 10.08.13 14.13 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 10.08.13 14.13 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-16** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-005 Date Collected: 10.03.13 09.56

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **298** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **46.0** | 1.00 | 0.0354 | mg/L | 10.08.13 15.15 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-16** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-005 Date Collected: 10.03.13 09.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **9.3** | 2.0 | 0.35 | ug/L | 10.07.13 22.43 | | 1 |
| **Benzene** | 71-43-2 | **0.83** | 1.0 | 0.16 | ug/L | 10.07.13 22.43 | J | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.43 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 22.43 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.43 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 22.43 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 22.43 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **6.9** | 1.0 | 0.15 | ug/L | 10.07.13 22.43 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 22.43 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 22.43 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 22.43 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.43 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.43 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 22.43 | U | 1 |
| **1,3-Dichlorobenzene** | 541-73-1 | **1.5** | 1.0 | 0.17 | ug/L | 10.07.13 22.43 | | 1 |
| **1,4-Dichlorobenzene** | 106-46-7 | **4.2** | 1.0 | 0.17 | ug/L | 10.07.13 22.43 | | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 22.43 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **110** | 1.0 | 0.21 | ug/L | 10.07.13 22.43 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.43 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 22.43 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.43 | U | 1 |
| **Ethylbenzene** | 100-41-4 | **1.2** | 1.0 | 0.19 | ug/L | 10.07.13 22.43 | | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 22.43 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 22.43 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 22.43 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.43 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 22.43 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 22.43 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 22.43 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 22.43 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **0.58** | 1.0 | 0.16 | ug/L | 10.07.13 22.43 | J | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-16** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-005 Date Collected: 10.03.13 09.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 22.43 | U | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **5.6** | 1.0 | 0.17 | ug/L | 10.07.13 22.43 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 22.43 | U | 1 |
| **Trichloroethene** | 79-01-6 | **1.1** | 1.0 | 0.19 | ug/L | 10.07.13 22.43 | | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 22.43 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 22.43 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **86** | 1.0 | 0.19 | ug/L | 10.07.13 22.43 | | 1 |
| **Xylenes, Total** | 1330-20-7 | **5.6** | 1.0 | 0.20 | ug/L | 10.07.13 22.43 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 106 | % | 53-159 | 10.07.13 22.43 | |
| 4-Bromofluorobenzene | 460-00-4 | 101 | % | 30-186 | 10.07.13 22.43 | |
| Toluene-D8 | 2037-26-5 | 100 | % | 70-130 | 10.07.13 22.43 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-17R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-006 Date Collected: 10.02.13 17.20

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.07.13 20.55 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.55 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.55 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.55 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.55 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 20.55 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 20.55 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.55 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 20.55 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 20.55 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.55 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.55 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.55 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.55 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 20.55 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 20.55 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.55 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 20.55 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.55 | U | 1 |
| **Ethylbenzene** | 100-41-4 | **0.83** | 1.0 | 0.19 | ug/L | 10.07.13 20.55 | J | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 20.55 | U | 1 |
| **Isopropylbenzene** | 98-82-8 | **68** | 1.0 | 0.15 | ug/L | 10.07.13 20.55 | | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 20.55 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.55 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 20.55 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 20.55 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 20.55 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.55 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.55 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-17R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-006 Date Collected: 10.02.13 17.20

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.55 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.55 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 20.55 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.55 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.55 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 20.55 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 118 | % | 53-159 | 10.07.13 20.55 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 10.07.13 20.55 | |
| Toluene-D8 | 2037-26-5 | 84 | % | 70-130 | 10.07.13 20.55 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **IW-18** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-007 Date Collected: 10.03.13 11.36

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **120** | 20 | 3.5 | ug/L | 10.08.13 18.32 | | 10 |
| **Benzene** | 71-43-2 | **26** | 10 | 1.6 | ug/L | 10.08.13 18.32 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.32 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 18.32 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.32 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 18.32 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 10.08.13 18.32 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **180** | 10 | 1.5 | ug/L | 10.08.13 18.32 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 18.32 | U | 10 |
| **2-Butanone (MEK)** | 78-93-3 | **170** | 20 | 2.8 | ug/L | 10.08.13 18.32 | | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 18.32 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.32 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.32 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.32 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **29** | 10 | 1.4 | ug/L | 10.08.13 18.32 | | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **11** | 10 | 1.7 | ug/L | 10.08.13 18.32 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **120** | 10 | 1.7 | ug/L | 10.08.13 18.32 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.32 | U | 10 |
| **1,1-Dichloroethene** | 75-35-4 | **6.3** | 10 | 2.0 | ug/L | 10.08.13 18.32 | J | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **6400** | 1000 | 210 | ug/L | 10.08.13 19.26 | D | 1000 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **19** | 10 | 2.1 | ug/L | 10.08.13 18.32 | | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.32 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 10.08.13 18.32 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.32 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **56** | 10 | 1.9 | ug/L | 10.08.13 18.32 | | 10 |
| **2-Hexanone** | 591-78-6 | **81** | 20 | 3.2 | ug/L | 10.08.13 18.32 | | 10 |
| Isopropylbenzene | 98-82-8 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 18.32 | U | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 18.32 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.32 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 10.08.13 18.32 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 18.32 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 10.08.13 18.32 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 18.32 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **29** | 10 | 1.6 | ug/L | 10.08.13 18.32 | | 10 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **IW-18** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-007 Date Collected: 10.03.13 11.36

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **12** | 10 | 1.4 | ug/L | 10.08.13 18.32 | | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **40** | 10 | 1.7 | ug/L | 10.08.13 18.32 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 18.32 | U | 10 |
| **Trichloroethene** | 79-01-6 | **26** | 10 | 1.9 | ug/L | 10.08.13 18.32 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 10.08.13 18.32 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 18.32 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **670** | 10 | 1.9 | ug/L | 10.08.13 18.32 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **510** | 10 | 2.0 | ug/L | 10.08.13 18.32 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 113 | % | 53-159 | 10.08.13 18.32 | |
| 4-Bromofluorobenzene | 460-00-4 | 108 | % | 30-186 | 10.08.13 18.32 | |
| Toluene-D8 | 2037-26-5 | 97 | % | 70-130 | 10.08.13 18.32 | |

# Certificate of Analytical Results 471644

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-18R** Matrix: Water Date Received:10.04.13 17.50
Lab Sample Id: 471644-008 Date Collected: 10.01.13 18.28

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 10.07.13 16.29
Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.07.13 21.22 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.22 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.22 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.22 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.22 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 21.22 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 21.22 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.22 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 21.22 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 21.22 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.22 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.22 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.22 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.22 | U | 1 |
| **Dichlorodifluoromethane** | 75-71-8 | **6.2** | 1.0 | 0.22 | ug/L | 10.07.13 21.22 | | 1 |
| **1,1-Dichloroethane** | 75-34-3 | **0.53** | 1.0 | 0.11 | ug/L | 10.07.13 21.22 | J | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.22 | U | 1 |
| **1,1-Dichloroethene** | 75-35-4 | **0.80** | 1.0 | 0.20 | ug/L | 10.07.13 21.22 | J | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 21.22 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.22 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 21.22 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.22 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.22 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 21.22 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.22 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 21.22 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.22 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 21.22 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 21.22 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 21.22 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.22 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.22 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-18R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-008 Date Collected: 10.01.13 18.28

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.22 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.22 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 21.22 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.22 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.22 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 21.22 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 114 | % | 53-159 | 10.07.13 21.22 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 10.07.13 21.22 | |
| Toluene-D8 | 2037-26-5 | 101 | % | 70-130 | 10.07.13 21.22 | |

# Certificate of Analytical Results 471644

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-19** Matrix: Water Date Received:10.04.13 17.50
Lab Sample Id: 471644-009 Date Collected: 10.03.13 19.05

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: JOL % Moisture:
Analyst: MLA Date Prep: 10.08.13 08.26
Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.08.13 13.46 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 13.46 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 13.46 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 13.46 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 13.46 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 13.46 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 13.46 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 13.46 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 13.46 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.08.13 13.46 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 13.46 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 13.46 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 13.46 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 13.46 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 13.46 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 13.46 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 13.46 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 13.46 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 13.46 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 13.46 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 13.46 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 13.46 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 13.46 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 13.46 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 13.46 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 13.46 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.08.13 13.46 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 13.46 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 13.46 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-19**
Lab Sample Id: 471644-009

Matrix: Water
Date Collected: 10.03.13 19.05

Date Received:10.04.13 17.50

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 924648

Date Prep: 10.08.13 08.26

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 13.46 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 13.46 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 13.46 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 13.46 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 13.46 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 13.46 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 110 | % | 53-159 | 10.08.13 13.46 | |
| 4-Bromofluorobenzene | 460-00-4 | 104 | % | 30-186 | 10.08.13 13.46 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 10.08.13 13.46 | |

# Certificate of Analytical Results 471644

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-23** Matrix: Water Date Received:10.04.13 17.50
Lab Sample Id: 471644-010 Date Collected: 10.01.13 17.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: JOL % Moisture:
Analyst: MLA Date Prep: 10.08.13 08.26
Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.08.13 12.25 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 12.25 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 12.25 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 12.25 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 12.25 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 12.25 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 12.25 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 12.25 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 12.25 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.08.13 12.25 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 12.25 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 12.25 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 12.25 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 12.25 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 12.25 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 12.25 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 12.25 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 12.25 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 12.25 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 12.25 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 12.25 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 12.25 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 12.25 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 12.25 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 12.25 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 12.25 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.08.13 12.25 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 12.25 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 12.25 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-23**
Lab Sample Id: 471644-010

Matrix: Water
Date Collected: 10.01.13 17.00

Date Received:10.04.13 17.50

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 924648

Date Prep: 10.08.13 08.26

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 12.25 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 12.25 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 12.25 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 12.25 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 12.25 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 12.25 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 118 | % | 53-159 | 10.08.13 12.25 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 10.08.13 12.25 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 10.08.13 12.25 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-24R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-011 Date Collected: 10.02.13 10.07

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.08.13 16.03 | U | 1 |
| **Benzene** | 71-43-2 | **6.0** | 1.0 | 0.16 | ug/L | 10.08.13 16.03 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 16.03 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 16.03 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 16.03 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 16.03 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 16.03 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **0.93** | 1.0 | 0.15 | ug/L | 10.08.13 16.03 | J | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 16.03 | U | 1 |
| **2-Butanone (MEK)** | 78-93-3 | **28** | 2.0 | 0.28 | ug/L | 10.08.13 16.03 | | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 16.03 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 16.03 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 16.03 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 16.03 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 16.03 | U | 1 |
| **1,1-Dichloroethene** | 75-35-4 | **1.0** | 1.0 | 0.20 | ug/L | 10.08.13 16.03 | J | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **450** | 10.0 | 2.10 | ug/L | 10.09.13 13.17 | D | 10 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **2.3** | 1.0 | 0.21 | ug/L | 10.08.13 16.03 | | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 16.03 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 16.03 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 16.03 | U | 1 |
| **Ethylbenzene** | 100-41-4 | **0.79** | 1.0 | 0.19 | ug/L | 10.08.13 16.03 | J | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 16.03 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 16.03 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 16.03 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 16.03 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 16.03 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 16.03 | U | 1 |
| **Methyl tert-butyl ether** | 1634-04-4 | **290** | 2.0 | 0.18 | ug/L | 10.08.13 16.03 | | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 16.03 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **3.3** | 1.0 | 0.16 | ug/L | 10.08.13 16.03 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-24R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-011 Date Collected: 10.02.13 10.07

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **0.41** | 1.0 | 0.14 | ug/L | 10.08.13 16.03 | J | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **0.63** | 1.0 | 0.17 | ug/L | 10.08.13 16.03 | J | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 16.03 | U | 1 |
| **Trichloroethene** | 79-01-6 | **2.2** | 1.0 | 0.19 | ug/L | 10.08.13 16.03 | | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 16.03 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 16.03 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **43** | 1.0 | 0.19 | ug/L | 10.08.13 16.03 | | 1 |
| **Xylenes, Total** | 1330-20-7 | **6.3** | 1.0 | 0.20 | ug/L | 10.08.13 16.03 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 116 | % | 53-159 | 10.08.13 16.03 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 10.08.13 16.03 | |
| Toluene-D8 | 2037-26-5 | 96 | % | 70-130 | 10.08.13 16.03 | |

# Certificate of Analytical Results 471644

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-25** Matrix: Water Date Received:10.04.13 17.50
Lab Sample Id: 471644-012 Date Collected: 10.03.13 18.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 10.07.13 16.29
Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.07.13 21.49 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.49 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.49 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.49 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.49 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 21.49 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 21.49 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.49 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 21.49 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 21.49 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.49 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.49 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.49 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.49 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 21.49 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 21.49 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.49 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 21.49 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.49 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.49 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 21.49 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 21.49 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 21.49 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.49 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 21.49 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 21.49 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 21.49 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 21.49 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.49 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-25** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-012 Date Collected: 10.03.13 18.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 21.49 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.49 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 21.49 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 21.49 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 21.49 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 21.49 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 114 | % | 53-159 | 10.07.13 21.49 | |
| 4-Bromofluorobenzene | 460-00-4 | 105 | % | 30-186 | 10.07.13 21.49 | |
| Toluene-D8 | 2037-26-5 | 101 | % | 70-130 | 10.07.13 21.49 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-26R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-013 Date Collected: 10.03.13 17.34

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <3.5 | 20 | 3.5 | ug/L | 10.08.13 01.09 | U | 10 |
| **Benzene** | 71-43-2 | **33** | 10 | 1.6 | ug/L | 10.08.13 01.09 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.09 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 01.09 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.09 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 01.09 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 10.08.13 01.09 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **140** | 10 | 1.5 | ug/L | 10.08.13 01.09 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 01.09 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 10.08.13 01.09 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 01.09 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.09 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.09 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | <1.4 | 10 | 1.4 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 01.09 | U | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **19** | 10 | 1.7 | ug/L | 10.08.13 01.09 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 10.08.13 01.09 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **150** | 10 | 2.1 | ug/L | 10.08.13 01.09 | | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | <2.1 | 10 | 2.1 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.09 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 10.08.13 01.09 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.09 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **160** | 10 | 1.9 | ug/L | 10.08.13 01.09 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 10.08.13 01.09 | U | 10 |
| Isopropylbenzene | 98-82-8 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.09 | U | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 01.09 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.09 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 10.08.13 01.09 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 01.09 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 10.08.13 01.09 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.09 | U | 10 |
| Tetrachloroethene | 127-18-4 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 01.09 | U | 10 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-26R** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-013 Date Collected: 10.03.13 17.34

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **10** | 10 | 1.4 | ug/L | 10.08.13 01.09 | J | 10 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.09 | U | 10 |
| Trichloroethene | 79-01-6 | <1.9 | 10 | 1.9 | ug/L | 10.08.13 01.09 | U | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 10.08.13 01.09 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.09 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **53** | 10 | 1.9 | ug/L | 10.08.13 01.09 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **2300** | 10 | 2.0 | ug/L | 10.08.13 01.09 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 116 | % | 53-159 | 10.08.13 01.09 | |
| 4-Bromofluorobenzene | 460-00-4 | 107 | % | 30-186 | 10.08.13 01.09 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 10.08.13 01.09 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-27** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-014 Date Collected: 10.01.13 15.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.08.13 15.36 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.36 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.36 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.36 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.36 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 15.36 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 15.36 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **1.0** | 1.0 | 0.15 | ug/L | 10.08.13 15.36 | J | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 15.36 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.08.13 15.36 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.36 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.36 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.36 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.36 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 15.36 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 15.36 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.36 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 15.36 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.36 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 15.36 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 15.36 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.36 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 15.36 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.36 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 15.36 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 15.36 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.08.13 15.36 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.36 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.36 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-27**
Lab Sample Id: 471644-014

Matrix: Water
Date Collected: 10.01.13 15.25

Date Received:10.04.13 17.50

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 924648

Date Prep: 10.08.13 08.26

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.36 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 15.36 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 15.36 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.36 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **2.9** | 1.0 | 0.19 | ug/L | 10.08.13 15.36 | | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 15.36 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 121 | % | 53-159 | 10.08.13 15.36 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 10.08.13 15.36 | |
| Toluene-D8 | 2037-26-5 | 95 | % | 70-130 | 10.08.13 15.36 | |

# Certificate of Analytical Results 471644

Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-29** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-015 Date Collected: 10.01.13 12.39

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **560** | 20 | 3.5 | ug/L | 10.08.13 01.39 | | 10 |
| **Benzene** | 71-43-2 | **20** | 10 | 1.6 | ug/L | 10.08.13 01.39 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.39 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 01.39 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.39 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 01.39 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 10.08.13 01.39 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **200** | 10 | 1.5 | ug/L | 10.08.13 01.39 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 01.39 | U | 10 |
| **2-Butanone (MEK)** | 78-93-3 | **140** | 20 | 2.8 | ug/L | 10.08.13 01.39 | | 10 |
| **Chloroform** | 67-66-3 | **20** | 10 | 1.6 | ug/L | 10.08.13 01.39 | | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.39 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.39 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.39 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **44** | 10 | 1.4 | ug/L | 10.08.13 01.39 | | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **90** | 10 | 1.7 | ug/L | 10.08.13 01.39 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **290** | 10 | 1.7 | ug/L | 10.08.13 01.39 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.39 | U | 10 |
| **1,1-Dichloroethene** | 75-35-4 | **12** | 10 | 2.0 | ug/L | 10.08.13 01.39 | | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **6100** | 100 | 21.0 | ug/L | 10.08.13 03.09 | D | 100 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **13** | 10 | 2.1 | ug/L | 10.08.13 01.39 | | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 01.39 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 10.08.13 01.39 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.39 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **1200** | 10 | 1.9 | ug/L | 10.08.13 01.39 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 10.08.13 01.39 | U | 10 |
| **Isopropylbenzene** | 98-82-8 | **20** | 10 | 1.5 | ug/L | 10.08.13 01.39 | | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 01.39 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.39 | U | 10 |
| **Methylene chloride** | 75-09-2 | **11** | 10 | 4.2 | ug/L | 10.08.13 01.39 | | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 01.39 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 10.08.13 01.39 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 01.39 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **140** | 10 | 1.6 | ug/L | 10.08.13 01.39 | | 10 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-29** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-015 Date Collected: 10.01.13 12.39

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **10** | 10 | 1.4 | ug/L | 10.08.13 01.39 | J | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **310** | 10 | 1.7 | ug/L | 10.08.13 01.39 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 01.39 | U | 10 |
| **Trichloroethene** | 79-01-6 | **66** | 10 | 1.9 | ug/L | 10.08.13 01.39 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 10.08.13 01.39 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 01.39 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **760** | 10 | 1.9 | ug/L | 10.08.13 01.39 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **2500** | 10 | 2.0 | ug/L | 10.08.13 01.39 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 113 | % | 53-159 | 10.08.13 01.39 | |
| 4-Bromofluorobenzene | 460-00-4 | 103 | % | 30-186 | 10.08.13 01.39 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 10.08.13 01.39 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-30** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-016 Date Collected: 10.03.13 16.10

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **268** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **45.1** | 1.00 | 0.0354 | mg/L | 10.08.13 15.33 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-30** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-016 Date Collected: 10.03.13 16.10

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.08.13 15.07 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.07 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.07 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.07 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.07 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 15.07 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 15.07 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **2.0** | 1.0 | 0.15 | ug/L | 10.08.13 15.07 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 15.07 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.08.13 15.07 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.07 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.07 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.07 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.07 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 15.07 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **6.2** | 1.0 | 0.21 | ug/L | 10.08.13 15.07 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.07 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 15.07 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.07 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 15.07 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 15.07 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 15.07 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 15.07 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.07 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 15.07 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 15.07 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.08.13 15.07 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 15.07 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.07 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-30** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-016 Date Collected: 10.03.13 16.10

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: JOL % Moisture:

Analyst: MLA Date Prep: 10.08.13 08.26

Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 15.07 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 15.07 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 15.07 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 15.07 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **2.5** | 1.0 | 0.19 | ug/L | 10.08.13 15.07 | | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 15.07 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 118 | % | 53-159 | 10.08.13 15.07 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 10.08.13 15.07 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 10.08.13 15.07 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-32** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-017 Date Collected: 10.02.13 18.25

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **882** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **264** | 1.00 | 0.0354 | mg/L | 10.08.13 15.52 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-32** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-017 Date Collected: 10.02.13 18.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <3.5 | 20 | 3.5 | ug/L | 10.08.13 02.09 | U | 10 |
| Benzene | 71-43-2 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 02.09 | U | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 02.09 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 10.08.13 02.09 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 02.09 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 02.09 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 10.08.13 02.09 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **48** | 10 | 1.5 | ug/L | 10.08.13 02.09 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 10.08.13 02.09 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 10.08.13 02.09 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 02.09 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 02.09 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 02.09 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 02.09 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **8.4** | 10 | 1.4 | ug/L | 10.08.13 02.09 | J | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **41** | 10 | 1.7 | ug/L | 10.08.13 02.09 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **72** | 10 | 1.7 | ug/L | 10.08.13 02.09 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 10.08.13 02.09 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **1600** | 10 | 2.1 | ug/L | 10.08.13 02.09 | | 10 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **6.6** | 10 | 2.1 | ug/L | 10.08.13 02.09 | J | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 02.09 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 10.08.13 02.09 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 02.09 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **160** | 10 | 1.9 | ug/L | 10.08.13 02.09 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 10.08.13 02.09 | U | 10 |
| Isopropylbenzene | 98-82-8 | <1.5 | 10 | 1.5 | ug/L | 10.08.13 02.09 | U | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 02.09 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 02.09 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 10.08.13 02.09 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 10.08.13 02.09 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 10.08.13 02.09 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 10.08.13 02.09 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **6200** | 100 | 16.0 | ug/L | 10.08.13 03.39 | D | 100 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-32** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-017 Date Collected: 10.02.13 18.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **7.2** | 10 | 1.4 | ug/L | 10.08.13 02.09 | J | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **300** | 10 | 1.7 | ug/L | 10.08.13 02.09 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 10.08.13 02.09 | U | 10 |
| **Trichloroethene** | 79-01-6 | **1300** | 10 | 1.9 | ug/L | 10.08.13 02.09 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 10.08.13 02.09 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 10.08.13 02.09 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **220** | 10 | 1.9 | ug/L | 10.08.13 02.09 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **110** | 10 | 2.0 | ug/L | 10.08.13 02.09 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 97 | % | 53-159 | 10.08.13 02.09 | |
| 4-Bromofluorobenzene | 460-00-4 | 95 | % | 30-186 | 10.08.13 02.09 | |
| Toluene-D8 | 2037-26-5 | 101 | % | 70-130 | 10.08.13 02.09 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-33** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-018 Date Collected: 10.02.13 12.27

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **10** | 2.0 | 0.35 | ug/L | 10.07.13 23.10 | | 1 |
| **Benzene** | 71-43-2 | **1.8** | 1.0 | 0.16 | ug/L | 10.07.13 23.10 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 23.10 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 23.10 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 23.10 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 23.10 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 23.10 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **88** | 1.0 | 0.15 | ug/L | 10.07.13 23.10 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 23.10 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 23.10 | U | 1 |
| **Chloroform** | 67-66-3 | **0.58** | 1.0 | 0.16 | ug/L | 10.07.13 23.10 | J | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 23.10 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 23.10 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 23.10 | U | 1 |
| **1,3-Dichlorobenzene** | 541-73-1 | **27** | 1.0 | 0.17 | ug/L | 10.07.13 23.10 | | 1 |
| **1,4-Dichlorobenzene** | 106-46-7 | **160** | 1.0 | 0.17 | ug/L | 10.07.13 23.10 | | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 23.10 | U | 1 |
| **1,1-Dichloroethene** | 75-35-4 | **2.0** | 1.0 | 0.20 | ug/L | 10.07.13 23.10 | | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **800** | 10.0 | 2.10 | ug/L | 10.08.13 00.39 | D | 10 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **6.2** | 1.0 | 0.21 | ug/L | 10.07.13 23.10 | | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 23.10 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 23.10 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 23.10 | U | 1 |
| **Ethylbenzene** | 100-41-4 | **9.0** | 1.0 | 0.19 | ug/L | 10.07.13 23.10 | | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 23.10 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 23.10 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 23.10 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 23.10 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.07.13 23.10 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 23.10 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 23.10 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 23.10 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **1.2** | 1.0 | 0.16 | ug/L | 10.07.13 23.10 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-33** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-018 Date Collected: 10.02.13 12.27

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **2.0** | 1.0 | 0.14 | ug/L | 10.07.13 23.10 | | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **36** | 1.0 | 0.17 | ug/L | 10.07.13 23.10 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 23.10 | U | 1 |
| **Trichloroethene** | 79-01-6 | **4.8** | 1.0 | 0.19 | ug/L | 10.07.13 23.10 | | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 23.10 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 23.10 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **480** | 10.0 | 1.90 | ug/L | 10.08.13 00.39 | D | 10 |
| **Xylenes, Total** | 1330-20-7 | **26** | 1.0 | 0.20 | ug/L | 10.07.13 23.10 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 109 | % | 53-159 | 10.07.13 23.10 | |
| 4-Bromofluorobenzene | 460-00-4 | 97 | % | 30-186 | 10.07.13 23.10 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 10.07.13 23.10 | |

# Certificate of Analytical Results 471644

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-34** Matrix: Water Date Received:10.04.13 17.50
Lab Sample Id: 471644-019 Date Collected: 10.02.13 14.50

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: JOL % Moisture:
Analyst: MLA Date Prep: 10.08.13 08.26
Seq Number: 924648

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **9.0** | 2.0 | 0.35 | ug/L | 10.08.13 14.40 | | 1 |
| **Benzene** | 71-43-2 | **1.3** | 1.0 | 0.16 | ug/L | 10.08.13 14.40 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.40 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.08.13 14.40 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.40 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 14.40 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.08.13 14.40 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **6.5** | 1.0 | 0.15 | ug/L | 10.08.13 14.40 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.08.13 14.40 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.08.13 14.40 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 14.40 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.40 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.40 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 14.40 | U | 1 |
| **1,3-Dichlorobenzene** | 541-73-1 | **1.9** | 1.0 | 0.17 | ug/L | 10.08.13 14.40 | | 1 |
| **1,4-Dichlorobenzene** | 106-46-7 | **1.9** | 1.0 | 0.17 | ug/L | 10.08.13 14.40 | | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 14.40 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **36** | 1.0 | 0.21 | ug/L | 10.08.13 14.40 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.40 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.08.13 14.40 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.40 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.08.13 14.40 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.08.13 14.40 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.08.13 14.40 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 14.40 | U | 1 |
| **Methylcyclohexane** | 108-87-2 | **4.1** | 1.0 | 0.11 | ug/L | 10.08.13 14.40 | | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 10.08.13 14.40 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.08.13 14.40 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.08.13 14.40 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.08.13 14.40 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **6.1** | 1.0 | 0.16 | ug/L | 10.08.13 14.40 | | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-34**
Lab Sample Id: 471644-019

Matrix: Water
Date Collected: 10.02.13 14.50

Date Received:10.04.13 17.50

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 924648

Date Prep: 10.08.13 08.26

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.08.13 14.40 | U | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **2.5** | 1.0 | 0.17 | ug/L | 10.08.13 14.40 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.08.13 14.40 | U | 1 |
| **Trichloroethene** | 79-01-6 | **3.1** | 1.0 | 0.19 | ug/L | 10.08.13 14.40 | | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.08.13 14.40 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.08.13 14.40 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **9.8** | 1.0 | 0.19 | ug/L | 10.08.13 14.40 | | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.08.13 14.40 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 114 | % | 53-159 | 10.08.13 14.40 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 10.08.13 14.40 | |
| Toluene-D8 | 2037-26-5 | 97 | % | 70-130 | 10.08.13 14.40 | |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **Stilling Well H** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-020 Date Collected: 10.03.13 08.45

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **3920** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **2140** | 10.0 | 0.354 | mg/L | 10.08.13 16.10 | | 10 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **Stilling Well L** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-021 Date Collected: 10.03.13 15.05

Analytical Method: TDS by SM2540C

Tech: ANS % Moisture:

Analyst: ANS

Seq Number: 924634 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Total dissolved solids** | TDS | **2080** | 5.00 | 5.00 | mg/L | 10.08.13 18.28 | | 1 |

Analytical Method: Inorganic Anions by SW 9056A Prep Method: SW9056P

Tech: RKO % Moisture:

Analyst: RKO Date Prep: 10.08.13 07.00

Seq Number: 924585 SUB: E871002

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Chloride** | 16887-00-6 | **1190** | 10.0 | 0.354 | mg/L | 10.08.13 16.29 | | 10 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **Trip Blank** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-022 Date Collected: 10.01.13 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 10.07.13 20.00 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.00 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.00 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.00 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.00 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 20.00 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 10.07.13 20.00 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.00 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 10.07.13 20.00 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 10.07.13 20.00 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.00 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.00 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.00 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.00 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 20.00 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 20.00 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.00 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 10.07.13 20.00 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.00 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.00 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 10.07.13 20.00 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 10.07.13 20.00 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 20.00 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.00 | U | 1 |
| **Methylene chloride** | 75-09-2 | **2.6** | 1.0 | 0.42 | ug/L | 10.07.13 20.00 | | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 10.07.13 20.00 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 10.07.13 20.00 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 10.07.13 20.00 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.00 | U | 1 |

# Certificate of Analytical Results 471644

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **Trip Blank** Matrix: Water Date Received:10.04.13 17.50

Lab Sample Id: 471644-022 Date Collected: 10.01.13 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 10.07.13 16.29

Seq Number: 924559

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 10.07.13 20.00 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.00 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 10.07.13 20.00 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 10.07.13 20.00 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 10.07.13 20.00 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 10.07.13 20.00 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 118 | % | 53-159 | 10.07.13 20.00 | |
| 4-Bromofluorobenzene | 460-00-4 | 105 | % | 30-186 | 10.07.13 20.00 | |
| Toluene-D8 | 2037-26-5 | 94 | % | 70-130 | 10.07.13 20.00 | |

# Flagging Criteria

**X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

**B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

**D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

**E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

**F** RPD exceeded lab control limits.

**J** The target analyte was positively identified below the quantiation limit and above the detection limit.

**U** Analyte was not detected.

**L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

**H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

**K** Sample analyzed outside of recommended hold time.

**JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

**BRL** Below Reporting Limit.

**RL** Reporting Limit

**MDL** Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

**PQL** Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

**+** NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **TDS by SM2540C**
Seq Number: 924634 Matrix: Water
MB Sample Id: 924634-1-BLK LCS Sample Id: 924634-1-BKS LCSD Sample Id: 924634-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total dissolved solids | <5.00 | 1000 | 937 | 94 | 950 | 95 | 80-120 | 1 | 10 | mg/L | 10.08.13 18:28 | |

**Analytical Method:** **TDS by SM2540C**
Seq Number: 924634 Matrix: Water
Parent Sample Id: 471644-002 MD Sample Id: 471644-002 D

| Parameter | Parent Result | MD Result | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|
| Total dissolved solids | 557 | 561 | 1 | 10 | mg/L | 10.08.13 18:28 | |

**Analytical Method:** **TDS by SM2540C**
Seq Number: 924634 Matrix: Water
Parent Sample Id: 471653-010 MD Sample Id: 471653-010 D

| Parameter | Parent Result | MD Result | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|
| Total dissolved solids | 3500 | 3340 | 5 | 10 | mg/L | 10.08.13 18:28 | |

**Analytical Method:** **Inorganic Anions by SW 9056A** Prep Method: E300P
Seq Number: 924585 Matrix: Water Date Prep: 10.08.13
MB Sample Id: 644988-1-BLK LCS Sample Id: 644988-1-BKS

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | Limits | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|
| Chloride | <0.0354 | 100 | 98.3 | 98 | 70-125 | mg/L | 10.08.13 08:25 | |

**Analytical Method:** **Inorganic Anions by SW 9056A** Prep Method: E300P
Seq Number: 924585 Matrix: Water Date Prep: 10.08.13
Parent Sample Id: 471392-001 MS Sample Id: 471392-001 S MSD Sample Id: 471392-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 937 | 1000 | 1930 | 99 | 2000 | 106 | 70-125 | 4 | 20 | mg/L | 10.08.13 11:31 | |

**Analytical Method:** **Inorganic Anions by SW 9056A** Prep Method: SW9056P
Seq Number: 924585 Matrix: Water Date Prep: 10.08.13
Parent Sample Id: 471644-021 MS Sample Id: 471644-021 S MSD Sample Id: 471644-021 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 1190 | 1000 | 2220 | 103 | 2230 | 104 | 70-125 | 0 | 20 | mg/L | 10.08.13 16:48 | |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **Inorganic Anions by SW 9056A** Prep Method: E300P

Seq Number: 924585 Matrix: Water Date Prep: 10.08.13

Parent Sample Id: 471621-001 REMS Sample Id: 471621-001 S REMSD Sample Id: 471621-001 SD

| Parameter | Parent Result | Spike Amount | REMS Result | REMS %Rec | REMSD Result | REMSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 52.0 | 10000 | 10100 | 100 | 9820 | 98 | 70-125 | 0 | 20 | mg/L | 10.08.13 09:40 | |

# QC Summary 471644

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 924559 Matrix: Water Date Prep: 10.07.13
MB Sample Id: 644999-1-BLK LCS Sample Id: 644999-1-BKS LCSD Sample Id: 644999-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 96 | 96 | 95 | 95 | 40-140 | 1 | 20 | ug/L | 10.07.13 17:16 | |
| Benzene | <0.16 | 50 | 49 | 98 | 49 | 98 | 80-120 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Bromodichloromethane | <0.25 | 50 | 47 | 94 | 48 | 96 | 75-120 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Bromoform | <0.17 | 50 | 44 | 88 | 43 | 86 | 70-130 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Bromomethane | <0.25 | 50 | 46 | 92 | 46 | 92 | 30-145 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Carbon disulfide | <0.26 | 50 | 47 | 94 | 47 | 94 | 35-160 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Carbon tetrachloride | <0.33 | 50 | 44 | 88 | 47 | 94 | 65-140 | 7 | 20 | ug/L | 10.07.13 17:16 | |
| Chlorobenzene | <0.15 | 50 | 47 | 94 | 48 | 96 | 80-120 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Chloroethane | <0.26 | 50 | 51 | 102 | 45 | 90 | 60-135 | 13 | 20 | ug/L | 10.07.13 17:16 | |
| 2-Butanone (MEK) | <0.28 | 100 | 98 | 98 | 95 | 95 | 30-150 | 3 | 20 | ug/L | 10.07.13 17:16 | |
| Chloroform | <0.16 | 50 | 46 | 92 | 46 | 92 | 65-135 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Chloromethane | <0.25 | 50 | 48 | 96 | 42 | 84 | 40-125 | 13 | 20 | ug/L | 10.07.13 17:16 | |
| Cyclohexane | <0.15 | 50 | 49 | 98 | 48 | 96 | 65-135 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Dibromochloromethane | <0.15 | 50 | 50 | 100 | 48 | 96 | 60-135 | 4 | 20 | ug/L | 10.07.13 17:16 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 42 | 84 | 43 | 86 | 50-130 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 48 | 96 | 49 | 98 | 80-120 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 51 | 102 | 50 | 100 | 70-120 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 50 | 100 | 49 | 98 | 75-125 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 49 | 98 | 47 | 94 | 75-125 | 4 | 20 | ug/L | 10.07.13 17:16 | |
| Dichlorodifluoromethane | <0.22 | 50 | 41 | 82 | 43 | 86 | 30-155 | 5 | 20 | ug/L | 10.07.13 17:16 | |
| 1,1-Dichloroethane | <0.11 | 50 | 46 | 92 | 46 | 92 | 70-135 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| 1,2-Dichloroethane | <0.18 | 50 | 45 | 90 | 45 | 90 | 70-130 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| 1,1-Dichloroethene | <0.20 | 50 | 46 | 92 | 44 | 88 | 70-130 | 4 | 20 | ug/L | 10.07.13 17:16 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 51 | 102 | 48 | 96 | 70-125 | 6 | 20 | ug/L | 10.07.13 17:16 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 46 | 92 | 45 | 90 | 60-140 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 1,2-Dichloropropane | <0.15 | 50 | 49 | 98 | 48 | 96 | 75-125 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 46 | 92 | 46 | 92 | 70-130 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 46 | 92 | 45 | 90 | 55-140 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Ethylbenzene | <0.19 | 50 | 52 | 104 | 51 | 102 | 75-125 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 2-Hexanone | <0.32 | 100 | 98 | 98 | 98 | 98 | 55-130 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Isopropylbenzene | <0.15 | 50 | 47 | 94 | 47 | 94 | 75-125 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Methyl acetate | <0.26 | 50 | 47 | 94 | 47 | 94 | 65-135 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Methylcyclohexane | <0.11 | 50 | 48 | 96 | 48 | 96 | 65-135 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Methylene chloride | <0.42 | 50 | 44 | 88 | 43 | 86 | 55-140 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 95 | 95 | 94 | 94 | 60-135 | 1 | 20 | ug/L | 10.07.13 17:16 | |
| Methyl tert-butyl ether | <0.18 | 100 | 93 | 93 | 93 | 93 | 65-125 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Styrene | <0.18 | 50 | 47 | 94 | 47 | 94 | 65-135 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 49 | 98 | 48 | 96 | 65-130 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Tetrachloroethene | <0.16 | 50 | 51 | 102 | 49 | 98 | 45-150 | 4 | 20 | ug/L | 10.07.13 17:16 | |
| Toluene | <0.14 | 50 | 50 | 100 | 50 | 100 | 75-120 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 48 | 96 | 47 | 94 | 65-135 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 47 | 94 | 47 | 94 | 65-130 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 48 | 96 | 48 | 96 | 75-125 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Trichloroethene | <0.19 | 50 | 50 | 100 | 49 | 98 | 70-125 | 2 | 20 | ug/L | 10.07.13 17:16 | |
| Trichlorofluoromethane | <0.53 | 50 | 45 | 90 | 43 | 86 | 60-145 | 5 | 20 | ug/L | 10.07.13 17:16 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 48 | 96 | 48 | 96 | 65-130 | 0 | 20 | ug/L | 10.07.13 17:16 | |
| Vinyl chloride | <0.19 | 50 | 49 | 98 | 49 | 98 | 50-145 | 0 | 20 | ug/L | 10.07.13 17:16 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 114 | | 94 | | 94 | | 53-159 | % | 10.07.13 17:16 |
| 4-Bromofluorobenzene | 100 | | 103 | | 99 | | 30-186 | % | 10.07.13 17:16 |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

| | | | | | |
|---|---|---|---|---|---|
| **Analytical Method:** | **VOCs by SW-846 8260B** | | | Prep Method: | SW5030B |
| Seq Number: | 924559 | Matrix: | Water | Date Prep: | 10.07.13 |
| MB Sample Id: | 644999-1-BLK | LCS Sample Id: | 644999-1-BKS | LCSD Sample Id: | 644999-1-BSD |

| **Surrogate** | **MB %Rec** | **MB Flag** | **LCS %Rec** | **LCS Flag** | **LCSD %Rec** | **LCSD Flag** | **Limits** | **Units** | **Analysis Date** |
|---|---|---|---|---|---|---|---|---|---|
| Toluene-D8 | 97 | | 101 | | 103 | | 70-130 | % | 10.07.13 17:16 |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 924648 Matrix: Water Date Prep: 10.08.13
MB Sample Id: 645051-1-BLK LCS Sample Id: 645051-1-BKS LCSD Sample Id: 645051-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 93 | 93 | 93 | 93 | 40-140 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Benzene | <0.16 | 50 | 50 | 100 | 49 | 98 | 80-120 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Bromodichloromethane | <0.25 | 50 | 51 | 102 | 51 | 102 | 75-120 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Bromoform | <0.17 | 50 | 45 | 90 | 46 | 92 | 70-130 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Bromomethane | <0.25 | 50 | 48 | 96 | 50 | 100 | 30-145 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| Carbon disulfide | <0.26 | 50 | 51 | 102 | 51 | 102 | 35-160 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Carbon tetrachloride | <0.33 | 50 | 51 | 102 | 45 | 90 | 65-140 | 13 | 20 | ug/L | 10.08.13 09:16 | |
| Chlorobenzene | <0.15 | 50 | 50 | 100 | 49 | 98 | 80-120 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Chloroethane | <0.26 | 50 | 55 | 110 | 57 | 114 | 60-135 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| 2-Butanone (MEK) | <0.28 | 100 | 94 | 94 | 94 | 94 | 30-150 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Chloroform | <0.16 | 50 | 48 | 96 | 47 | 94 | 65-135 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Chloromethane | <0.25 | 50 | 44 | 88 | 45 | 90 | 40-125 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Cyclohexane | <0.15 | 50 | 48 | 96 | 48 | 96 | 65-135 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Dibromochloromethane | <0.15 | 50 | 54 | 108 | 52 | 104 | 60-135 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 45 | 90 | 43 | 86 | 50-130 | 5 | 20 | ug/L | 10.08.13 09:16 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 52 | 104 | 50 | 100 | 80-120 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 51 | 102 | 52 | 104 | 70-120 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 51 | 102 | 51 | 102 | 75-125 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 48 | 96 | 49 | 98 | 75-125 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Dichlorodifluoromethane | <0.22 | 50 | 55 | 110 | 53 | 106 | 30-155 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| 1,1-Dichloroethane | <0.11 | 50 | 49 | 98 | 50 | 100 | 70-135 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| 1,2-Dichloroethane | <0.18 | 50 | 49 | 98 | 48 | 96 | 70-130 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| 1,1-Dichloroethene | <0.20 | 50 | 48 | 96 | 49 | 98 | 70-130 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 51 | 102 | 51 | 102 | 70-125 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 49 | 98 | 49 | 98 | 60-140 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| 1,2-Dichloropropane | <0.15 | 50 | 51 | 102 | 51 | 102 | 75-125 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 48 | 96 | 47 | 94 | 70-130 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 49 | 98 | 48 | 96 | 55-140 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Ethylbenzene | <0.19 | 50 | 54 | 108 | 53 | 106 | 75-125 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| 2-Hexanone | <0.32 | 100 | 89 | 89 | 90 | 90 | 55-130 | 1 | 20 | ug/L | 10.08.13 09:16 | |
| Isopropylbenzene | <0.15 | 50 | 45 | 90 | 46 | 92 | 75-125 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Methyl acetate | <0.26 | 50 | 50 | 100 | 48 | 96 | 65-135 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| Methylcyclohexane | <0.11 | 50 | 48 | 96 | 48 | 96 | 65-135 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Methylene chloride | <0.42 | 50 | 47 | 94 | 46 | 92 | 55-140 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 95 | 95 | 93 | 93 | 60-135 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Methyl tert-butyl ether | <0.18 | 100 | 110 | 110 | 110 | 110 | 65-125 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Styrene | <0.18 | 50 | 50 | 100 | 48 | 96 | 65-135 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 49 | 98 | 49 | 98 | 65-130 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| Tetrachloroethene | <0.16 | 50 | 51 | 102 | 50 | 100 | 45-150 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Toluene | <0.14 | 50 | 52 | 104 | 51 | 102 | 75-120 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 47 | 94 | 47 | 94 | 65-135 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 51 | 102 | 51 | 102 | 65-130 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 51 | 102 | 50 | 100 | 75-125 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Trichloroethene | <0.19 | 50 | 49 | 98 | 47 | 94 | 70-125 | 4 | 20 | ug/L | 10.08.13 09:16 | |
| Trichlorofluoromethane | <0.53 | 50 | 52 | 104 | 52 | 104 | 60-145 | 0 | 20 | ug/L | 10.08.13 09:16 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 52 | 104 | 51 | 102 | 65-130 | 2 | 20 | ug/L | 10.08.13 09:16 | |
| Vinyl chloride | <0.19 | 50 | 55 | 110 | 55 | 110 | 50-145 | 0 | 20 | ug/L | 10.08.13 09:16 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 118 | | 100 | | 97 | | 53-159 | % | 10.08.13 09:16 |
| 4-Bromofluorobenzene | 102 | | 98 | | 98 | | 30-186 | % | 10.08.13 09:16 |

# QC Summary 471644

Florida Testing Services, LLC

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 924648 Matrix: Water Date Prep: 10.08.13
MB Sample Id: 645051-1-BLK LCS Sample Id: 645051-1-BKS LCSD Sample Id: 645051-1-BSD

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| Toluene-D8 | 98 | | 100 | | 99 | | 70-130 | % | 10.08.13 09:16 |

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 924769 Matrix: Water Date Prep: 10.09.13
MB Sample Id: 645131-1-BLK LCS Sample Id: 645131-1-BKS LCSD Sample Id: 645131-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | <0.21 | 50 | 60 | 120 | 52 | 104 | 70-125 | 14 | 20 | ug/L | 10.09.13 07:51 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 131 | | 93 | | 100 | | 53-159 | % | 10.09.13 07:51 |
| 4-Bromofluorobenzene | 100 | | 95 | | 100 | | 30-186 | % | 10.09.13 07:51 |
| Toluene-D8 | 94 | | 94 | | 96 | | 70-130 | % | 10.09.13 07:51 |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 924559 Matrix: Water Date Prep: 10.07.13

Parent Sample Id: 471644-003 MS Sample Id: 471644-003 S MSD Sample Id: 471644-003 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 94 | 94 | 97 | 97 | 40-140 | 3 | 20 | ug/L | 10.08.13 04:06 | |
| Benzene | <0.16 | 50 | 47 | 94 | 47 | 94 | 77-118 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Bromodichloromethane | <0.25 | 50 | 49 | 98 | 49 | 98 | 68-125 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Bromoform | <0.17 | 50 | 45 | 90 | 45 | 90 | 53-112 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Bromomethane | <0.25 | 50 | 43 | 86 | 44 | 88 | 63-137 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Carbon disulfide | <0.26 | 50 | 48 | 96 | 48 | 96 | 26-147 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Carbon tetrachloride | <0.33 | 50 | 45 | 90 | 45 | 90 | 56-138 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Chlorobenzene | <0.15 | 50 | 47 | 94 | 46 | 92 | 71-114 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Chloroethane | <0.26 | 50 | 44 | 88 | 50 | 100 | 60-137 | 13 | 20 | ug/L | 10.08.13 04:06 | |
| 2-Butanone (MEK) | <0.28 | 100 | 97 | 97 | 99 | 99 | 50-152 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Chloroform | <0.16 | 50 | 46 | 92 | 47 | 94 | 65-131 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Chloromethane | <0.25 | 50 | 37 | 74 | 39 | 78 | 48-151 | 5 | 20 | ug/L | 10.08.13 04:06 | |
| Cyclohexane | <0.15 | 50 | 45 | 90 | 46 | 92 | 61-141 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Dibromochloromethane | <0.15 | 50 | 52 | 104 | 51 | 102 | 53-125 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 42 | 84 | 42 | 84 | 53-121 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 49 | 98 | 49 | 98 | 66-125 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 49 | 98 | 48 | 96 | 58-124 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 49 | 98 | 48 | 96 | 62-120 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 46 | 92 | 45 | 90 | 64-114 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Dichlorodifluoromethane | <0.22 | 50 | 39 | 78 | 38 | 76 | 38-145 | 3 | 20 | ug/L | 10.08.13 04:06 | |
| 1,1-Dichloroethane | <0.11 | 50 | 48 | 96 | 47 | 94 | 69-132 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,2-Dichloroethane | <0.18 | 50 | 47 | 94 | 47 | 94 | 55-141 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| 1,1-Dichloroethene | <0.20 | 50 | 45 | 90 | 46 | 92 | 62-131 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| cis-1,2-Dichloroethene | 0.76 | 50 | 50 | 98 | 49 | 96 | 22-185 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 48 | 96 | 46 | 92 | 65-135 | 4 | 20 | ug/L | 10.08.13 04:06 | |
| 1,2-Dichloropropane | <0.15 | 50 | 49 | 98 | 48 | 96 | 78-121 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 42 | 84 | 42 | 84 | 67-113 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 43 | 86 | 43 | 86 | 50-125 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Ethylbenzene | <0.19 | 50 | 51 | 102 | 50 | 100 | 66-127 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 2-Hexanone | <0.32 | 100 | 89 | 89 | 90 | 90 | 55-136 | 1 | 20 | ug/L | 10.08.13 04:06 | |
| Isopropylbenzene | <0.15 | 50 | 47 | 94 | 45 | 90 | 58-127 | 4 | 20 | ug/L | 10.08.13 04:06 | |
| Methyl acetate | <0.26 | 50 | 43 | 86 | 45 | 90 | 65-135 | 5 | 20 | ug/L | 10.08.13 04:06 | |
| Methylcyclohexane | <0.11 | 50 | 44 | 88 | 44 | 88 | 64-128 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Methylene chloride | <0.42 | 50 | 48 | 96 | 47 | 94 | 63-150 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 92 | 92 | 92 | 92 | 65-132 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Methyl tert-butyl ether | <0.18 | 100 | 94 | 94 | 96 | 96 | 58-141 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Styrene | <0.18 | 50 | 47 | 94 | 46 | 92 | 50-133 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 48 | 96 | 48 | 96 | 63-126 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Tetrachloroethene | <0.16 | 50 | 47 | 94 | 47 | 94 | 52-125 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| Toluene | <0.14 | 50 | 49 | 98 | 48 | 96 | 65-123 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 43 | 86 | 44 | 88 | 34-131 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 48 | 96 | 48 | 96 | 59-138 | 0 | 20 | ug/L | 10.08.13 04:06 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 48 | 96 | 46 | 92 | 72-115 | 4 | 20 | ug/L | 10.08.13 04:06 | |
| Trichloroethene | <0.19 | 50 | 47 | 94 | 50 | 100 | 65-125 | 6 | 20 | ug/L | 10.08.13 04:06 | |
| Trichlorofluoromethane | <0.53 | 50 | 47 | 94 | 46 | 92 | 51-145 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 48 | 96 | 49 | 98 | 53-138 | 2 | 20 | ug/L | 10.08.13 04:06 | |
| Vinyl chloride | <0.19 | 50 | 42 | 84 | 43 | 86 | 52-140 | 2 | 20 | ug/L | 10.08.13 04:06 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 101 | | 90 | | 53-159 | % | 10.08.13 04:06 |
| 4-Bromofluorobenzene | 99 | | 101 | | 30-186 | % | 10.08.13 04:06 |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

| | | | | | |
|---|---|---|---|---|---|
| **Analytical Method:** | **VOCs by SW-846 8260B** | | | Prep Method: | SW5030B |
| Seq Number: | 924559 | Matrix: | Water | Date Prep: | 10.07.13 |
| Parent Sample Id: | 471644-003 | MS Sample Id: | 471644-003 S | MSD Sample Id: | 471644-003 SD |

| **Surrogate** | **MS %Rec** | **MS Flag** | **MSD %Rec** | **MSD Flag** | **Limits** | **Units** | **Analysis Date** |
|---|---|---|---|---|---|---|---|
| Toluene-D8 | 97 | | 99 | | 70-130 | % | 10.08.13 04:06 |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 924648 Matrix: Water Date Prep: 10.08.13

Parent Sample Id: 471569-001 MS Sample Id: 471569-001 S MSD Sample Id: 471569-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 97 | 97 | 94 | 94 | 40-140 | 3 | 20 | ug/L | 10.08.13 19:53 | |
| Benzene | <0.16 | 50 | 46 | 92 | 46 | 92 | 77-118 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| Bromodichloromethane | <0.25 | 50 | 49 | 98 | 48 | 96 | 68-125 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Bromoform | <0.17 | 50 | 44 | 88 | 42 | 84 | 53-112 | 5 | 20 | ug/L | 10.08.13 19:53 | |
| Bromomethane | <0.25 | 50 | 54 | 108 | 52 | 104 | 63-137 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| Carbon disulfide | <0.26 | 50 | 51 | 102 | 49 | 98 | 26-147 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| Carbon tetrachloride | <0.33 | 50 | 47 | 94 | 44 | 88 | 56-138 | 7 | 20 | ug/L | 10.08.13 19:53 | |
| Chlorobenzene | <0.15 | 50 | 47 | 94 | 46 | 92 | 71-114 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Chloroethane | <0.26 | 50 | 58 | 116 | 56 | 112 | 60-137 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| 2-Butanone (MEK) | <0.28 | 100 | 94 | 94 | 93 | 93 | 50-152 | 1 | 20 | ug/L | 10.08.13 19:53 | |
| Chloroform | <0.16 | 50 | 48 | 96 | 46 | 92 | 65-131 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| Chloromethane | <0.25 | 50 | 44 | 88 | 42 | 84 | 48-151 | 5 | 20 | ug/L | 10.08.13 19:53 | |
| Cyclohexane | <0.15 | 50 | 45 | 90 | 45 | 90 | 61-141 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| Dibromochloromethane | <0.15 | 50 | 51 | 102 | 51 | 102 | 53-125 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 43 | 86 | 42 | 84 | 53-121 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 48 | 96 | 49 | 98 | 66-125 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 49 | 98 | 47 | 94 | 58-124 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 49 | 98 | 47 | 94 | 62-120 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 46 | 92 | 45 | 90 | 64-114 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Dichlorodifluoromethane | <0.22 | 50 | 53 | 106 | 52 | 104 | 38-145 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| 1,1-Dichloroethane | <0.11 | 50 | 52 | 104 | 49 | 98 | 69-132 | 6 | 20 | ug/L | 10.08.13 19:53 | |
| 1,2-Dichloroethane | <0.18 | 50 | 47 | 94 | 47 | 94 | 55-141 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| 1,1-Dichloroethene | <0.20 | 50 | 48 | 96 | 47 | 94 | 62-131 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 54 | 108 | 51 | 102 | 22-185 | 6 | 20 | ug/L | 10.08.13 19:53 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 51 | 102 | 49 | 98 | 65-135 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| 1,2-Dichloropropane | <0.15 | 50 | 47 | 94 | 47 | 94 | 78-121 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 43 | 86 | 42 | 84 | 67-113 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 45 | 90 | 44 | 88 | 50-125 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Ethylbenzene | <0.19 | 50 | 52 | 104 | 51 | 102 | 66-127 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| 2-Hexanone | <0.32 | 100 | 84 | 84 | 85 | 85 | 55-136 | 1 | 20 | ug/L | 10.08.13 19:53 | |
| Isopropylbenzene | <0.15 | 50 | 46 | 92 | 44 | 88 | 58-127 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| Methyl acetate | <0.26 | 50 | 44 | 88 | 44 | 88 | 65-135 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| Methylcyclohexane | <0.11 | 50 | 44 | 88 | 44 | 88 | 64-128 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| Methylene chloride | <0.42 | 50 | 49 | 98 | 47 | 94 | 63-150 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 86 | 86 | 86 | 86 | 65-132 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| Methyl tert-butyl ether | <0.18 | 100 | 110 | 110 | 100 | 100 | 58-141 | 10 | 20 | ug/L | 10.08.13 19:53 | |
| Styrene | <0.18 | 50 | 46 | 92 | 46 | 92 | 50-133 | 0 | 20 | ug/L | 10.08.13 19:53 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 47 | 94 | 46 | 92 | 63-126 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Tetrachloroethene | <0.16 | 50 | 47 | 94 | 46 | 92 | 52-125 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Toluene | <0.14 | 50 | 49 | 98 | 48 | 96 | 65-123 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 43 | 86 | 46 | 92 | 34-131 | 7 | 20 | ug/L | 10.08.13 19:53 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 50 | 100 | 48 | 96 | 59-138 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 47 | 94 | 46 | 92 | 72-115 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Trichloroethene | <0.19 | 50 | 50 | 100 | 49 | 98 | 65-125 | 2 | 20 | ug/L | 10.08.13 19:53 | |
| Trichlorofluoromethane | <0.53 | 50 | 45 | 90 | 54 | 108 | 51-145 | 18 | 20 | ug/L | 10.08.13 19:53 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 53 | 106 | 51 | 102 | 53-138 | 4 | 20 | ug/L | 10.08.13 19:53 | |
| Vinyl chloride | <0.19 | 50 | 56 | 112 | 56 | 112 | 52-140 | 0 | 20 | ug/L | 10.08.13 19:53 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 95 | | 90 | | 53-159 | % | 10.08.13 19:53 |
| 4-Bromofluorobenzene | 98 | | 94 | | 30-186 | % | 10.08.13 19:53 |

# QC Summary 471644

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 924648 Matrix: Water Date Prep: 10.08.13
Parent Sample Id: 471569-001 MS Sample Id: 471569-001 S MSD Sample Id: 471569-001 SD

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| Toluene-D8 | 95 | | 96 | | 70-130 | % | 10.08.13 19:53 |

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 924769 Matrix: Water Date Prep: 10.09.13
Parent Sample Id: 471613-001 MS Sample Id: 471613-001 S MSD Sample Id: 471613-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | <0.21 | 50 | 57 | 114 | 49 | 98 | 22-185 | 15 | 20 | ug/L | 10.09.13 17:45 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 91 | | 79 | | 53-159 | % | 10.09.13 17:45 |
| 4-Bromofluorobenzene | 101 | | 102 | | 30-186 | % | 10.09.13 17:45 |
| Toluene-D8 | 95 | | 96 | | 70-130 | % | 10.09.13 17:45 |

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☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☑ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

# ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 264499 Page 1 of 3

Company-City: EIC, Atlanta GA Phone: 770-772-7100
Lab Only: WO #471644
Proj Name-Location: VOPAK Savannah ☐ Previously done at XENCO Project ID: 390020
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other Proj. Manager (PM): Alan Sanders
e-Mail Results to ☐ PM or asanders@eicusa.com Fax No: 770-772-0353
Invoice to ☐ Accounting ☑ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs ( GW DW QAPP MDLs RLs See Lab PM Included Call PM )
Sampler Name: Patrick Gragson Signature: A. Patrick Gragson

| | Sample ID | Sampling Date | Time | Depth ft' in" m | Matrix | Composite | Grab | # Containers | Container Size | Container Type | Preservatives | VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs | VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other: | PAHs | FL PRO DRO GRO MA EPH MA VPH | SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL | OC Pesticides PCBs Herbicides OP Pesticides | Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2 | SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs) | EDB / DBCP | 8260 B | SW 9056 A chloride only | SM2540C | TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d | Addn: PAH above mg/L W, mg/Kg S Highest Hit | Hold Samples (Surcharges will apply and are pre-approved) | Remarks: Sample Clean-ups are pre-approved as needed | Addn: Date Rcv by: From: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LAW-PZ-8R | 10/3/2013 | 13:20 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 1 |
| 2 | PAN-MW-9 | 10/1/2013 | 11:08 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | ✓ | ✓ | | | | | | 2 |
| 3 | PAN-MW-10 | 10/2/2013 | 8:47 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 3 |
| 4 | MW-14 | 10/2/2013 | 11:11 | | W | | X | 5 | V | V | V | | | | | | | | | | ✓ | ✓ | ✓ | | | | | | 4 |
| 5 | MW-16 | 10/3/2013 | 9:56 | | W | | X | 5 | V | V | V | | | | | | | | | | ✓ | ✓ | ✓ | | | | | | 5 |
| 6 | MW-17R | 10/2/2013 | 17:20 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 6 |
| 7 | IW-18 | 10/3/13 | 11:36 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 7 |
| 8 | MW-18R | 10/1/2013 | 18:28 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 8 |
| 9 | MW-19 | 10/3/2013 | 19:05 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 9 |
| 10 | MW-23 | 10/1/2013 | 17:00 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 10 |

| | Relinquished by ( Initials and Sign) | Date & Time | Relinquished to ( Initials and Sign) | Date & Time |
|---|---|---|---|---|
| 1 | 1) A. Patrick Gragson | 17:50 10/4/2013 | 2) Hugo Anez | 10/4/13 17:50 |
| 2 | 3) | | 4) | |
| 3 | 5) | | 6) | |

Total Containers per COC: Cooler Temp: 2.6°C

By signing this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

**Preservatives:** Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

**Cont. Size**: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

**Matrix:** Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

# ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 264501 Page 2 of 3

Company-City: EIC, Atlanta GA Phone: 770-772-7100
Lab Only: WO# 471944
Proj Name-Location: VOPAK Savannah ☐ Previously done at XENCO Project ID: 390020
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other Proj. Manager (PM): Alan Sanders
e-Mail Results to ☐ PM or: asanders@eicusa.com Fax No:
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs ( GW DW QAPP MDLs RLs See Lab PM Included Call PM )
Sampler Name: Patrick Grayson Signature: A. Patrick Grayson

| | Sample ID | Sampling Date | Time | Depth ft In m | Matrix | Composite | Grab | # Containers | Container Size | Container Type | Preservatives | VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs | VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other: | PAHs | FL PRO DRO GRO MA EPH MA VPH | SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL | OC Pesticides PCBs Herbicides OP Pesticides | Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2 | SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs) | EDB / DBCP | 8260B | SW 9056 A chloride only | SM 2540C | TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d | Addn: PAH above mg/L W, mg/Kg S Highest Hit | Hold Samples (Surcharges will apply and are pre-approved) | Remarks: Sample Clean-ups are pre-approved as needed | Addn: Date Rcv by: From: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-24R | 10/2/2013 | 10:07 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 1 |
| 2 | MW-25 | 10/3/2013 | 18:25 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 2 |
| 3 | MW-26R | 10/3/2013 | 17:34 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 3 |
| 4 | MW-27 | 10/1/2013 | 15:25 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 4 |
| 5 | MW-29 | 10/1/2013 | 12:39 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 5 |
| 6 | MW-30 | 10/3/2013 | 16:10 | | W | | X | 5 | V | V | V | | | | | | | | | | ✓ | ✓ | ✓ | | | | | | 6 |
| 7 | MW-32 | 10/2/2013 | 18:25 | | W | | X | 5 | V | V | V | | | | | | | | | | ✓ | ✓ | ✓ | | | | | | 7 |
| 8 | MW-33 | 10/2/2013 | 12:27 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 8 |
| 9 | MW-34 | 10/2/2013 | 14:50 | | W | | X | 3 | 40 | C | H | | | | | | | | | | ✓ | | | | | | | | 9 |
| 10 | | | | | ~~W~~ | | ~~X~~ | | ~~40~~ | | | | | | | | | | | | | | | | | | | | 10 |

| Relinquished by ( Initials and Sign) | Date & Time | Relinquished to ( Initials and Sign) | Date & Time |
|---|---|---|---|
| 1) A. Patrick Grayson | 17:50 10/4/2013 | 2) Hugo Alvez | 10/4/13 17:50 |
| 3) | | 4) | |
| 5) | | 6) | |

Total Containers per COC: Cooler Temp: 2.6

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

**Preservatives:** Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

**Cont. Size:** 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

**Matrix:** Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ South Carolina 803-543-8099 ☐ Other

# ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 264500 Page 3 of 3

Company-City: EIC, Atlanta GA
Phone: 770-772-7100
Lab Only: LIO # 471644

Proj Name-Location: VOPAK Savannah ☐ Previously done at XENCO
Project ID: 390020
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL ,GA, LA, MS, NC, NJ, PA, SC, TN, TX , UT Other
Proj. Manager (PM): Alan Sanders
e-Mail Results to ☒ PM or asanders@eicusa.com
Fax No:
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs ( GW DW QAPP MDLs RLs See Lab PM Included Call PM )

Sampler Name: Patrick Grayson Signature: [signature]

| | Sample ID | Sampling Date | Time | Depth ft' In" m | Matrix | Composite | Grab | # Containers | Container Size | Container Type | Preservatives | VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs | VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other: | PAHs | FL PRO DRO GRO MA EPH MA VPH | SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL | OC Pesticides PCBs Herbicides OP Pesticides | Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2 | SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs) | EDB / DBCP | 8260B | SW9056A chloride only | SM2540C | TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d | Addn: PAH above mg/L W, mg/Kg S Highest Hit | Hold Samples (Surcharges will apply and are pre-approved) | Remarks: Sample Clean-ups are pre-approved as needed | Addn: Date Rcv by: From: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Stilling Well H | 10/3/2013 | 8:45 | | W | | X | 2 | V | P | C | | | | | | | | | | | ✓ | ✓ | | | | | 1 |
| 2 | Stilling Well L | 10/3/2013 | 15:05 | | W | | X | 2 | V | P | C | | | | | | | | | | | ✓ | ✓ | | | | | 2 |
| 3 | Trip Blank | | | | W | | | 4 | 40 | C | | | | | | | | | | | ✓ | | | | | | 3 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |

2.6°C

| Relinquished by ( Initials and Sign) | Date & Time | Relinquished to ( Initials and Sign) | Date & Time |
|---|---|---|---|
| 1) [signature] | 17:50 10/4/2013 | 2) HOGO ANCE | 10/4/13 17:50 |
| 3) | | 4) | |
| 5) | | 6) | |

Total Containers per COC: Cooler Temp:

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

**Preservatives:** Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

**Cont. Size**: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

**Matrix:** Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

*Committed to Excellence in Service and Quality* *www.xenco.com*

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previoiusly negotiated under a fully executed client contract.

# XENCO Laboratories

## Prelogin/Nonconformance Report- Sample Log-In

**Client:** Environmental International Corporation

**Date/ Time Received:** 10/04/2013 05:50:00 PM

**Work Order #:** 471644

**Acceptable Temperature Range: 0 - 6 degC**
**Air and Metal samples Acceptable Range: Ambient**

**Temperature Measuring device used : #61**

| Sample Receipt Checklist | Comments |
|---|---|
| #1 *Temperature of cooler(s)? | 2.6 |
| #2 *Shipping container in good condition? | **Yes** |
| #3 *Samples received on ice? | **Yes** |
| #4 *Custody Seals intact on shipping container/ cooler? | **N/A** |
| #5 Custody Seals intact on sample bottles? | **N/A** |
| #6 *Custody Seals Signed and dated? | **N/A** |
| #7 *Chain of Custody present? | **Yes** |
| #8 Sample instructions complete on Chain of Custody? | **Yes** |
| #9 Any missing/extra samples? | **No** |
| #10 Chain of Custody signed when relinquished/ received? | **Yes** |
| #11 Chain of Custody agrees with sample label(s)? | **Yes** |
| #12 Container label(s) legible and intact? | **Yes** |
| #13 Sample matrix/ properties agree with Chain of Custody? | **Yes** |
| #14 Samples in proper container/ bottle? | **Yes** |
| #15 Samples properly preserved? | **N/A** |
| #16 Sample container(s) intact? | **Yes** |
| #17 Sufficient sample amount for indicated test(s)? | **Yes** |
| #18 All samples received within hold time? | **Yes** |
| #19 Subcontract of sample(s)? | **No** |
| #20 VOC samples have zero headspace (less than 1/4 inch bubble)? | **Yes** |
| #21 <2 for all samples preserved with HNO3,HCL, H2SO4? | **N/A** |
| #22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH? | **N/A** |

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

| Analyst: | PH Device/Lot#: |
|---|---|

**Checklist completed by:** Dario Lagunas  Date: 10/05/2013

**Checklist reviewed by:** Eben Buchanan  Date: 10/07/2013

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# ATTACHMENT E

# Analytical Report 477891

## for

## Environmental International Corporation

**Project Manager: Alan Sanders**

**VOPAK-Savannah**

**390020**

**04-FEB-14**

Collected By: Client

**6017 Financial Dr., Norcross, GA 30071**
**Ph:(770) 449-8800 Fax:(770) 449-5477**

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD ( L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

04-FEB-14

Project Manager: **Alan Sanders**
**Environmental International Corporation**
161 Kimball Bridge Road, Suite 100
Alpharetta, GA 30009

Reference: XENCO Report No(s): **477891**
**VOPAK-Savannah**
Project Address: GA

**Alan Sanders**:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 477891. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 477891 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Eben D. Buchanan, Jr.

**Eben Buchanan**
Project Manager

***Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.***
*Certified and approved by numerous States and Agencies.*
*A Small Business and Minority Status Company that delivers SERVICE and QUALITY*

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

# Sample Cross Reference 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|---|---|---|---|---|
| IW-18 | W | 01-19-14 18:25 | | 477891-001 |
| LAW-PZ-8R | W | 01-19-14 17:31 | | 477891-002 |
| MW-14 | W | 01-19-14 10:19 | | 477891-003 |
| MW-16 | W | 01-20-14 18:21 | | 477891-004 |
| MW-17R | W | 01-21-14 10:03 | | 477891-005 |
| MW-18R | W | 01-20-14 08:56 | | 477891-006 |
| MW-19 | W | 01-20-14 10:54 | | 477891-007 |
| MW-23 | W | 01-20-14 15:37 | | 477891-008 |
| MW-24R | W | 01-19-14 12:40 | | 477891-009 |
| MW-25 | W | 01-20-14 10:05 | | 477891-010 |
| MW-26R | W | 01-20-14 12:57 | | 477891-011 |
| MW-27 | W | 01-20-14 13:58 | | 477891-012 |
| MW-29 | W | 01-19-14 11:56 | | 477891-013 |
| MW-30 | W | 01-19-14 16:06 | | 477891-014 |
| MW-31 | W | 01-20-14 14:52 | | 477891-015 |
| MW-32 | W | 01-21-14 10:43 | | 477891-016 |
| MW-33 | W | 01-19-14 15:33 | | 477891-017 |
| MW-34 | W | 01-20-14 16:26 | | 477891-018 |
| MW-35 | W | 01-21-14 09:03 | | 477891-019 |
| MW-36 | W | 01-21-14 11:15 | | 477891-020 |
| MW-37 | W | 01-20-14 17:11 | | 477891-021 |
| PAN-MW-9 | W | 01-19-14 11:04 | | 477891-022 |
| PAN-MW-10 | W | 01-19-14 14:56 | | 477891-023 |
| TRIP BLANK | W | 01-19-14 00:00 | | 477891-024 |

# CASE NARRATIVE

***Client Name: Environmental International Corporation***
***Project Name: VOPAK-Savannah***

Project ID: *390020*
Work Order Number(s): *477891*

Report Date: *04-FEB-14*
Date Received: *01/22/2014*

**Sample receipt non conformances and comments:**

This revised report replaces the report issued on January 31, 2014.
The report was revised to include the dilution analysis of Sample MW-37 (477891-021) for cis-1,2-Dichloroethene.

**Sample receipt non conformances and comments per sample:**

None

**Analytical non conformances and comments:**

Batch: LBA-932992 VOCs by SW-846 8260B
Trichloroethene recovered above QC limits in the Matrix Spike. Bromoform recovered above QC limits in the Matrix Spike Duplicate. Samples affected are: 477891-008.
The Laboratory Control Sample for Trichloroethene, Bromoform is within laboratory Control Limits

Batch: LBA-933016 VOCs by SW-846 8260B
Bromoform, cis-1,3-Dichloropropene recovered above QC limits in the Matrix Spike.
Samples affected are: 477891-023.
The Laboratory Control Sample for cis-1,3-Dichloropropene, Bromoform is within laboratory Control Limits

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **IW-18** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-001 Date Collected: 01.19.14 18.25

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **110** | 20 | 3.5 | ug/L | 01.25.14 20.11 | | 10 |
| **Benzene** | 71-43-2 | **60** | 10 | 1.6 | ug/L | 01.25.14 20.11 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.11 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.25.14 20.11 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.11 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.25.14 20.11 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.25.14 20.11 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **460** | 10 | 1.5 | ug/L | 01.25.14 20.11 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.25.14 20.11 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 01.25.14 20.11 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 01.25.14 20.11 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.11 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.11 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | <1.4 | 10 | 1.4 | ug/L | 01.25.14 20.11 | U | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **20** | 10 | 1.7 | ug/L | 01.25.14 20.11 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **210** | 10 | 1.7 | ug/L | 01.25.14 20.11 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 01.25.14 20.11 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **5300** | 1000 | 210 | ug/L | 01.25.14 13.50 | D | 1000 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **31** | 10 | 2.1 | ug/L | 01.25.14 20.11 | | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.11 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.25.14 20.11 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.11 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **100** | 10 | 1.9 | ug/L | 01.25.14 20.11 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.25.14 20.11 | U | 10 |
| Isopropylbenzene | 98-82-8 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.11 | U | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.25.14 20.11 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.11 | U | 10 |
| **Methylene chloride** | 75-09-2 | **21** | 10 | 4.2 | ug/L | 01.25.14 20.11 | | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.25.14 20.11 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.25.14 20.11 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.11 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **19** | 10 | 1.6 | ug/L | 01.25.14 20.11 | | 10 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **IW-18**
Lab Sample Id: 477891-001

Matrix: Water
Date Collected: 01.19.14 18.25

Date Received: 01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MLA
Seq Number: 932827

Date Prep: 01.25.14 09.21

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **24** | 10 | 1.4 | ug/L | 01.25.14 20.11 | | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **100** | 10 | 1.7 | ug/L | 01.25.14 20.11 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.11 | U | 10 |
| **Trichloroethene** | 79-01-6 | **28** | 10 | 1.9 | ug/L | 01.25.14 20.11 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.25.14 20.11 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.11 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **1900** | 10 | 1.9 | ug/L | 01.25.14 20.11 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **810** | 10 | 2.0 | ug/L | 01.25.14 20.11 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.25.14 20.11 | |
| 4-Bromofluorobenzene | 460-00-4 | 108 | % | 30-186 | 01.25.14 20.11 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 01.25.14 20.11 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **LAW-PZ-8R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-002 Date Collected: 01.19.14 17.31

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **13000** | 1000 | 180 | ug/L | 01.28.14 14.14 | D | 500 |
| **Benzene** | 71-43-2 | **1200** | 10 | 1.6 | ug/L | 01.25.14 20.38 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.38 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.25.14 20.38 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.38 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.25.14 20.38 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.25.14 20.38 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **3200** | 500 | 75.0 | ug/L | 01.28.14 14.14 | D | 500 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.25.14 20.38 | U | 10 |
| **2-Butanone (MEK)** | 78-93-3 | **300** | 20 | 2.8 | ug/L | 01.25.14 20.38 | | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 01.25.14 20.38 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.38 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.38 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.38 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **230** | 10 | 1.4 | ug/L | 01.25.14 20.38 | | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **110** | 10 | 1.7 | ug/L | 01.25.14 20.38 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **880** | 10 | 1.7 | ug/L | 01.25.14 20.38 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.38 | U | 10 |
| **1,1-Dichloroethene** | 75-35-4 | **19** | 10 | 2.0 | ug/L | 01.25.14 20.38 | | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **7200** | 1000 | 210 | ug/L | 01.25.14 14.15 | D | 1000 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **19** | 10 | 2.1 | ug/L | 01.25.14 20.38 | | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.38 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.25.14 20.38 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.38 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **4000** | 1000 | 190 | ug/L | 01.25.14 14.15 | D | 1000 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.25.14 20.38 | U | 10 |
| Isopropylbenzene | 98-82-8 | <1.5 | 10 | 1.5 | ug/L | 01.25.14 20.38 | U | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.25.14 20.38 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.38 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 01.25.14 20.38 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.25.14 20.38 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.25.14 20.38 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.25.14 20.38 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **38** | 10 | 1.6 | ug/L | 01.25.14 20.38 | | 10 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **LAW-PZ-8R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-002 Date Collected: 01.19.14 17.31

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **370** | 10 | 1.4 | ug/L | 01.25.14 20.38 | | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **190** | 10 | 1.7 | ug/L | 01.25.14 20.38 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.25.14 20.38 | U | 10 |
| Trichloroethene | 79-01-6 | <1.9 | 10 | 1.9 | ug/L | 01.25.14 20.38 | U | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.25.14 20.38 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.25.14 20.38 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **980** | 10 | 1.9 | ug/L | 01.25.14 20.38 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **88000** | 500 | 100 | ug/L | 01.28.14 14.14 | | 500 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.25.14 20.38 | |
| 4-Bromofluorobenzene | 460-00-4 | 109 | % | 30-186 | 01.25.14 20.38 | |
| Toluene-D8 | 2037-26-5 | 93 | % | 70-130 | 01.25.14 20.38 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-14** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-003 Date Collected: 01.19.14 10.19

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.28.14 02.21 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 02.21 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 02.21 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 02.21 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 02.21 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 02.21 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.28.14 02.21 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 02.21 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 02.21 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.28.14 02.21 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 02.21 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 02.21 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 02.21 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 02.21 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.28.14 02.21 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.28.14 02.21 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 02.21 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.28.14 02.21 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 02.21 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 02.21 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.28.14 02.21 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 02.21 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 02.21 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 02.21 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.28.14 02.21 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 02.21 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.28.14 02.21 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 02.21 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 02.21 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-14**
Lab Sample Id: 477891-003

Matrix: Water
Date Collected: 01.19.14 10.19

Date Received: 01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MWE
Seq Number: 933016

Date Prep: 01.27.14 21.29

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 02.21 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 02.21 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.28.14 02.21 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 02.21 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 02.21 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.28.14 02.21 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.28.14 02.21 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.28.14 02.21 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.28.14 02.21 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-16** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-004 Date Collected: 01.20.14 18.21

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.25.14 12.36 | U | 1 |
| **Benzene** | 71-43-2 | **1.5** | 1.0 | 0.16 | ug/L | 01.25.14 12.36 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.36 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.36 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.36 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 12.36 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.25.14 12.36 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.36 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 12.36 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.25.14 12.36 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.36 | U | 1 |
| **Chloromethane** | 74-87-3 | **1.8** | 1.0 | 0.25 | ug/L | 01.25.14 12.36 | | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.36 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.36 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 12.36 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **170** | 1.0 | 0.21 | ug/L | 01.25.14 12.36 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.36 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.25.14 12.36 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.36 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.36 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.25.14 12.36 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.36 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 12.36 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.36 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.25.14 12.36 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 12.36 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.25.14 12.36 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.36 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.36 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-16** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-004 Date Collected: 01.20.14 18.21

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.36 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.36 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.25.14 12.36 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.36 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **180** | 1.0 | 0.19 | ug/L | 01.25.14 12.36 | | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 12.36 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 111 | % | 53-159 | 01.25.14 12.36 | |
| 4-Bromofluorobenzene | 460-00-4 | 96 | % | 30-186 | 01.25.14 12.36 | |
| Toluene-D8 | 2037-26-5 | 100 | % | 70-130 | 01.25.14 12.36 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-17R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-005 Date Collected: 01.21.14 10.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.25.14 13.00 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.00 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.00 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.00 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.00 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 13.00 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.25.14 13.00 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.00 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 13.00 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.25.14 13.00 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.00 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.00 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.00 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.00 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 13.00 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 13.00 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.00 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.25.14 13.00 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.00 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.00 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.25.14 13.00 | U | 1 |
| **Isopropylbenzene** | 98-82-8 | **60** | 1.0 | 0.15 | ug/L | 01.25.14 13.00 | | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 13.00 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.00 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.25.14 13.00 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 13.00 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.25.14 13.00 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.00 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.00 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-17R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-005 Date Collected: 01.21.14 10.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.00 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.00 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.25.14 13.00 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.00 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.00 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 13.00 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 110 | % | 53-159 | 01.25.14 13.00 | |
| 4-Bromofluorobenzene | 460-00-4 | 105 | % | 30-186 | 01.25.14 13.00 | |
| Toluene-D8 | 2037-26-5 | 88 | % | 70-130 | 01.25.14 13.00 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-18R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-006 Date Collected: 01.20.14 08.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.25.14 13.25 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.25 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.25 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.25 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.25 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 13.25 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.25.14 13.25 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.25 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 13.25 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.25.14 13.25 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.25 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.25 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.25 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.25 | U | 1 |
| **Dichlorodifluoromethane** | 75-71-8 | **4.9** | 1.0 | 0.22 | ug/L | 01.25.14 13.25 | | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 13.25 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 13.25 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.25 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.25.14 13.25 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.25 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.25 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.25.14 13.25 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 13.25 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 13.25 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.25 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.25.14 13.25 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 13.25 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.25.14 13.25 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 13.25 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.25 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-18R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-006 Date Collected: 01.20.14 08.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 13.25 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.25 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.25.14 13.25 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 13.25 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 13.25 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 13.25 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 108 | % | 53-159 | 01.25.14 13.25 | |
| 4-Bromofluorobenzene | 460-00-4 | 105 | % | 30-186 | 01.25.14 13.25 | |
| Toluene-D8 | 2037-26-5 | 101 | % | 70-130 | 01.25.14 13.25 | |

# Certificate of Analytical Results 477891

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-19** Matrix: Water Date Received:01.22.14 11.26
Lab Sample Id: 477891-007 Date Collected: 01.20.14 10.54

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 01.27.14 06.37
Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 10.09 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.09 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.09 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.09 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.09 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 10.09 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 10.09 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.09 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 10.09 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 10.09 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.09 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.09 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.09 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.09 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 10.09 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 10.09 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.09 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 10.09 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.09 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.09 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 10.09 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.09 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 10.09 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.09 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 10.09 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 10.09 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 10.09 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.09 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.09 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-19**
Lab Sample Id: 477891-007

Matrix: Water
Date Collected: 01.20.14 10.54

Date Received: 01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MLA
Seq Number: 932992

Date Prep: 01.27.14 06.37

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.09 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.09 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 10.09 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.09 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.09 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 10.09 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.27.14 10.09 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 01.27.14 10.09 | |
| Toluene-D8 | 2037-26-5 | 97 | % | 70-130 | 01.27.14 10.09 | |

# Certificate of Analytical Results 477891

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-23** Matrix: Water Date Received:01.22.14 11.26
Lab Sample Id: 477891-008 Date Collected: 01.20.14 15.37

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 01.27.14 06.37
Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 10.36 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.36 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.36 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.36 | UX | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.36 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 10.36 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 10.36 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.36 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 10.36 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 10.36 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.36 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.36 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.36 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.36 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 10.36 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 10.36 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.36 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 10.36 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.36 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.36 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 10.36 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 10.36 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 10.36 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.36 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 10.36 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 10.36 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 10.36 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 10.36 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.36 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-23**
Lab Sample Id: 477891-008

Matrix: Water
Date Collected: 01.20.14 15.37

Date Received: 01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MLA
Seq Number: 932992

Date Prep: 01.27.14 06.37

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 10.36 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.36 | UX | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 10.36 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 10.36 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 10.36 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 10.36 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.27.14 10.36 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 01.27.14 10.36 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.27.14 10.36 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-24R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-009 Date Collected: 01.19.14 12.40

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **9.1** | 2.0 | 0.35 | ug/L | 01.27.14 14.41 | | 1 |
| **Benzene** | 71-43-2 | **6.1** | 1.0 | 0.16 | ug/L | 01.27.14 14.41 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 14.41 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 14.41 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 14.41 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 14.41 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 14.41 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 14.41 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 14.41 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 14.41 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 14.41 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 14.41 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 14.41 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 14.41 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 14.41 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **570** | 10.0 | 2.10 | ug/L | 01.27.14 15.41 | D | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 14.41 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 14.41 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 14.41 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 14.41 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 14.41 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 14.41 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 14.41 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 14.41 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 14.41 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 14.41 | U | 1 |
| **Methyl tert-butyl ether** | 1634-04-4 | **230** | 2.0 | 0.18 | ug/L | 01.27.14 14.41 | | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 14.41 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **2.6** | 1.0 | 0.16 | ug/L | 01.27.14 14.41 | | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-24R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-009 Date Collected: 01.19.14 12.40

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 14.41 | U | 1 |
| **Trichloroethene** | 79-01-6 | **4.4** | 1.0 | 0.19 | ug/L | 01.27.14 14.41 | | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 14.41 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 14.41 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 14.41 | U | 1 |
| **Xylenes, Total** | 1330-20-7 | **2.7** | 1.0 | 0.20 | ug/L | 01.27.14 14.41 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.27.14 14.41 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.27.14 14.41 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 01.27.14 14.41 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-25** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-010 Date Collected: 01.20.14 10.05

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 11.03 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.03 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.03 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.03 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.03 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 11.03 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 11.03 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.03 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 11.03 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 11.03 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.03 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.03 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.03 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.03 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 11.03 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 11.03 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.03 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 11.03 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.03 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.03 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 11.03 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.03 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 11.03 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.03 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 11.03 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 11.03 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 11.03 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.03 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.03 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-25** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-010 Date Collected: 01.20.14 10.05

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.03 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.03 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 11.03 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.03 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.03 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 11.03 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.27.14 11.03 | |
| 4-Bromofluorobenzene | 460-00-4 | 98 | % | 30-186 | 01.27.14 11.03 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.27.14 11.03 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-26R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-011 Date Collected: 01.20.14 12.57

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <3.5 | 20 | 3.5 | ug/L | 01.28.14 02.51 | U | 10 |
| **Benzene** | 71-43-2 | **110** | 10 | 1.6 | ug/L | 01.28.14 02.51 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 02.51 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.28.14 02.51 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 02.51 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.28.14 02.51 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.28.14 02.51 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **330** | 10 | 1.5 | ug/L | 01.28.14 02.51 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.28.14 02.51 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 01.28.14 02.51 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 02.51 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 02.51 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 02.51 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | <1.4 | 10 | 1.4 | ug/L | 01.28.14 02.51 | U | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **11** | 10 | 1.7 | ug/L | 01.28.14 02.51 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **11** | 10 | 1.7 | ug/L | 01.28.14 02.51 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 01.28.14 02.51 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **68** | 10 | 2.1 | ug/L | 01.28.14 02.51 | | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | <2.1 | 10 | 2.1 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 02.51 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.28.14 02.51 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 02.51 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **200** | 10 | 1.9 | ug/L | 01.28.14 02.51 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.28.14 02.51 | U | 10 |
| **Isopropylbenzene** | 98-82-8 | **11** | 10 | 1.5 | ug/L | 01.28.14 02.51 | | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.28.14 02.51 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 02.51 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 01.28.14 02.51 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.28.14 02.51 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.28.14 02.51 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 02.51 | U | 10 |
| Tetrachloroethene | 127-18-4 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 02.51 | U | 10 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-26R** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-011 Date Collected: 01.20.14 12.57

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **11** | 10 | 1.4 | ug/L | 01.28.14 02.51 | | 10 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <1.7 | 10 | 1.7 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 02.51 | U | 10 |
| Trichloroethene | 79-01-6 | <1.9 | 10 | 1.9 | ug/L | 01.28.14 02.51 | U | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.28.14 02.51 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 02.51 | U | 10 |
| Vinyl chloride | 75-01-4 | <1.9 | 10 | 1.9 | ug/L | 01.28.14 02.51 | U | 10 |
| **Xylenes, Total** | 1330-20-7 | **7200** | 10 | 2.0 | ug/L | 01.28.14 04.20 | | 100 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 101 | % | 53-159 | 01.28.14 02.51 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.28.14 02.51 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 01.28.14 02.51 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-27** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-012 Date Collected: 01.20.14 13.58

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 11.30 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.30 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.30 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.30 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.30 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 11.30 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 11.30 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **4.3** | 1.0 | 0.15 | ug/L | 01.27.14 11.30 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 11.30 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 11.30 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.30 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.30 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.30 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.30 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 11.30 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **2.1** | 1.0 | 0.21 | ug/L | 01.27.14 11.30 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.30 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 11.30 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.30 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.30 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 11.30 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.30 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 11.30 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.30 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 11.30 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 11.30 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 11.30 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.30 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.30 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-27**
Lab Sample Id: 477891-012

Matrix: Water
Date Collected: 01.20.14 13.58

Date Received: 01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MLA
Seq Number: 932992

Date Prep: 01.27.14 06.37

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.30 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.30 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 11.30 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.30 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **13** | 1.0 | 0.19 | ug/L | 01.27.14 11.30 | | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 11.30 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.27.14 11.30 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.27.14 11.30 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.27.14 11.30 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-29** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-013 Date Collected: 01.19.14 11.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Acetone** | 67-64-1 | **620** | 20 | 3.5 | ug/L | 01.28.14 03.51 | | 10 |
| **Benzene** | 71-43-2 | **23** | 10 | 1.6 | ug/L | 01.28.14 03.51 | | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.51 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.28.14 03.51 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.51 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.28.14 03.51 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.28.14 03.51 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **220** | 10 | 1.5 | ug/L | 01.28.14 03.51 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.28.14 03.51 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 01.28.14 03.51 | U | 10 |
| **Chloroform** | 67-66-3 | **16** | 10 | 1.6 | ug/L | 01.28.14 03.51 | | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.51 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 03.51 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.51 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **58** | 10 | 1.4 | ug/L | 01.28.14 03.51 | | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **120** | 10 | 1.7 | ug/L | 01.28.14 03.51 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **330** | 10 | 1.7 | ug/L | 01.28.14 03.51 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.51 | U | 10 |
| **1,1-Dichloroethene** | 75-35-4 | **17** | 10 | 2.0 | ug/L | 01.28.14 03.51 | | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **5900** | 100 | 21 | ug/L | 01.28.14 05.19 | D | 100 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **10** | 10 | 2.1 | ug/L | 01.28.14 03.51 | J | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 03.51 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.28.14 03.51 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.51 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **3100** | 100 | 19 | ug/L | 01.28.14 05.19 | D | 100 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.28.14 03.51 | U | 10 |
| **Isopropylbenzene** | 98-82-8 | **120** | 10 | 1.5 | ug/L | 01.28.14 03.51 | | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.28.14 03.51 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.51 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 01.28.14 03.51 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.28.14 03.51 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.28.14 03.51 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.51 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **330** | 10 | 1.6 | ug/L | 01.28.14 03.51 | | 10 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-29** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-013 Date Collected: 01.19.14 11.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| **Toluene** | 108-88-3 | **20** | 10 | 1.4 | ug/L | 01.28.14 03.51 | | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **370** | 10 | 1.7 | ug/L | 01.28.14 03.51 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.51 | U | 10 |
| **Trichloroethene** | 79-01-6 | **110** | 10 | 1.9 | ug/L | 01.28.14 03.51 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.28.14 03.51 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.51 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **790** | 10 | 1.9 | ug/L | 01.28.14 03.51 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **6600** | 10 | 2.0 | ug/L | 01.28.14 05.19 | | 100 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 105 | % | 53-159 | 01.28.14 03.51 | |
| 4-Bromofluorobenzene | 460-00-4 | 98 | % | 30-186 | 01.28.14 03.51 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 01.28.14 03.51 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-30** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-014 Date Collected: 01.19.14 16.06

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 11.57 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.57 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.57 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.57 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.57 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 11.57 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 11.57 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **1.9** | 1.0 | 0.15 | ug/L | 01.27.14 11.57 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 11.57 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 11.57 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.57 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.57 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.57 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.57 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 11.57 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **5.6** | 1.0 | 0.21 | ug/L | 01.27.14 11.57 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.57 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 11.57 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.57 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.57 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 11.57 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 11.57 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 11.57 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.57 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 11.57 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 11.57 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 11.57 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 11.57 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.57 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-30** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-014 Date Collected: 01.19.14 16.06

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 11.57 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.57 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 11.57 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 11.57 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 11.57 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 11.57 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.27.14 11.57 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 01.27.14 11.57 | |
| Toluene-D8 | 2037-26-5 | 97 | % | 70-130 | 01.27.14 11.57 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-31** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-015 Date Collected: 01.20.14 14.52

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 12.25 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 12.25 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 12.25 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 12.25 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 12.25 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 12.25 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 12.25 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 12.25 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 12.25 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 12.25 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 12.25 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 12.25 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 12.25 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 12.25 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 12.25 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 12.25 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 12.25 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 12.25 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 12.25 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 12.25 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 12.25 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 12.25 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 12.25 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 12.25 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 12.25 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 12.25 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 12.25 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 12.25 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 12.25 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-31** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-015 Date Collected: 01.20.14 14.52

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 12.25 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 12.25 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 12.25 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 12.25 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 12.25 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 12.25 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.27.14 12.25 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 01.27.14 12.25 | |
| Toluene-D8 | 2037-26-5 | 97 | % | 70-130 | 01.27.14 12.25 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-32** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-016 Date Collected: 01.21.14 10.43

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <3.5 | 20 | 3.5 | ug/L | 01.28.14 03.21 | U | 10 |
| Benzene | 71-43-2 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 03.21 | U | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.21 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.28.14 03.21 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.21 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.28.14 03.21 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.28.14 03.21 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **55** | 10 | 1.5 | ug/L | 01.28.14 03.21 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.28.14 03.21 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 01.28.14 03.21 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 03.21 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.21 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 03.21 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.21 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **8.3** | 10 | 1.4 | ug/L | 01.28.14 03.21 | J | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **43** | 10 | 1.7 | ug/L | 01.28.14 03.21 | | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | <1.7 | 10 | 1.7 | ug/L | 01.28.14 03.21 | U | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 01.28.14 03.21 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **1600** | 10 | 2.1 | ug/L | 01.28.14 03.21 | | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | <2.1 | 10 | 2.1 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.28.14 03.21 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.28.14 03.21 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.21 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **180** | 10 | 1.9 | ug/L | 01.28.14 03.21 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.28.14 03.21 | U | 10 |
| **Isopropylbenzene** | 98-82-8 | **11** | 10 | 1.5 | ug/L | 01.28.14 03.21 | | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.28.14 03.21 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.21 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 01.28.14 03.21 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.28.14 03.21 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.28.14 03.21 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.28.14 03.21 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **6500** | 100 | 16 | ug/L | 01.28.14 04.50 | D | 100 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-32** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-016 Date Collected: 01.21.14 10.43

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <1.4 | 10 | 1.4 | ug/L | 01.28.14 03.21 | U | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **370** | 10 | 1.7 | ug/L | 01.28.14 03.21 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.28.14 03.21 | U | 10 |
| **Trichloroethene** | 79-01-6 | **1300** | 10 | 1.9 | ug/L | 01.28.14 03.21 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.28.14 03.21 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.28.14 03.21 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **230** | 10 | 1.9 | ug/L | 01.28.14 03.21 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **170** | 10 | 2.0 | ug/L | 01.28.14 03.21 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 103 | % | 53-159 | 01.28.14 03.21 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.28.14 03.21 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.28.14 03.21 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-33** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-017 Date Collected: 01.19.14 15.33

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <3.5 | 20 | 3.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Benzene | 71-43-2 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 17.11 | U | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.27.14 17.11 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.27.14 17.11 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.27.14 17.11 | U | 10 |
| **Chlorobenzene** | 108-90-7 | **74** | 10 | 1.5 | ug/L | 01.27.14 17.11 | | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.27.14 17.11 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 01.27.14 17.11 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 17.11 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 17.11 | U | 10 |
| **1,2-Dichlorobenzene** | 95-50-1 | **14** | 10 | 1.4 | ug/L | 01.27.14 17.11 | | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **46** | 10 | 1.7 | ug/L | 01.27.14 17.11 | | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **180** | 10 | 1.7 | ug/L | 01.27.14 17.11 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 01.27.14 17.11 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **340** | 10 | 2.1 | ug/L | 01.27.14 17.11 | | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | <2.1 | 10 | 2.1 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 17.11 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.27.14 17.11 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 17.11 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **16** | 10 | 1.9 | ug/L | 01.27.14 17.11 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.27.14 17.11 | U | 10 |
| Isopropylbenzene | 98-82-8 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.27.14 17.11 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 17.11 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 01.27.14 17.11 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.27.14 17.11 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.27.14 17.11 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 17.11 | U | 10 |
| Tetrachloroethene | 127-18-4 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 17.11 | U | 10 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-33** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-017 Date Collected: 01.19.14 15.33

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <1.4 | 10 | 1.4 | ug/L | 01.27.14 17.11 | U | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **79** | 10 | 1.7 | ug/L | 01.27.14 17.11 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 17.11 | U | 10 |
| Trichloroethene | 79-01-6 | <1.9 | 10 | 1.9 | ug/L | 01.27.14 17.11 | U | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.27.14 17.11 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 17.11 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **300** | 10 | 1.9 | ug/L | 01.27.14 17.11 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **40** | 10 | 2.0 | ug/L | 01.27.14 17.11 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.27.14 17.11 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.27.14 17.11 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.27.14 17.11 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-34** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-018 Date Collected: 01.20.14 16.26

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.28.14 00.33 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 00.33 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 00.33 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 00.33 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 00.33 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 00.33 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.28.14 00.33 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **2.8** | 1.0 | 0.15 | ug/L | 01.28.14 00.33 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 00.33 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.28.14 00.33 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 00.33 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 00.33 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 00.33 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 00.33 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.28.14 00.33 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **14** | 1.0 | 0.21 | ug/L | 01.28.14 00.33 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 00.33 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.28.14 00.33 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 00.33 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 00.33 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.28.14 00.33 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 00.33 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 00.33 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 00.33 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.28.14 00.33 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 00.33 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.28.14 00.33 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 00.33 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **2.4** | 1.0 | 0.16 | ug/L | 01.28.14 00.33 | | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-34** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-018 Date Collected: 01.20.14 16.26

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 00.33 | U | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **1.8** | 1.0 | 0.17 | ug/L | 01.28.14 00.33 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 00.33 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 00.33 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.28.14 00.33 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 00.33 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 00.33 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.28.14 00.33 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.28.14 00.33 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.28.14 00.33 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.28.14 00.33 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-35** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-019 Date Collected: 01.21.14 09.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 13.19 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.19 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.19 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.19 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.19 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 13.19 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 13.19 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.19 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 13.19 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 13.19 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.19 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.19 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.19 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.19 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 13.19 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 13.19 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.19 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 13.19 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.19 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.19 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 13.19 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.19 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 13.19 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.19 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 13.19 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 13.19 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 13.19 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.19 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.19 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-35** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-019 Date Collected: 01.21.14 09.03

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.19 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.19 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 13.19 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.19 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.19 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 13.19 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 106 | % | 53-159 | 01.27.14 13.19 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 01.27.14 13.19 | |
| Toluene-D8 | 2037-26-5 | 99 | % | 70-130 | 01.27.14 13.19 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-36** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-020 Date Collected: 01.21.14 11.15

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.27.14 13.47 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.47 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.47 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.47 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.47 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 13.47 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.27.14 13.47 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.47 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.27.14 13.47 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.27.14 13.47 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.47 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.47 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.47 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.47 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 13.47 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 13.47 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.47 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.27.14 13.47 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.47 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.47 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.27.14 13.47 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.27.14 13.47 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 13.47 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.47 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.27.14 13.47 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.27.14 13.47 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.27.14 13.47 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.27.14 13.47 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.47 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-36**
Lab Sample Id: 477891-020

Matrix: Water
Date Collected: 01.21.14 11.15

Date Received:01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MLA
Seq Number: 932992

Date Prep: 01.27.14 06.37

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.27.14 13.47 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.47 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.27.14 13.47 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.27.14 13.47 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.27.14 13.47 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.27.14 13.47 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.27.14 13.47 | |
| 4-Bromofluorobenzene | 460-00-4 | 100 | % | 30-186 | 01.27.14 13.47 | |
| Toluene-D8 | 2037-26-5 | 98 | % | 70-130 | 01.27.14 13.47 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-37** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-021 Date Collected: 01.20.14 17.11

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.28.14 01.00 | U | 1 |
| **Benzene** | 71-43-2 | **14** | 1.0 | 0.16 | ug/L | 01.28.14 01.00 | | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.00 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 01.00 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.00 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 01.00 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.28.14 01.00 | U | 1 |
| **Chlorobenzene** | 108-90-7 | **110** | 1.0 | 0.15 | ug/L | 01.28.14 01.00 | | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 01.00 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.28.14 01.00 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 01.00 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.00 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.00 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.00 | U | 1 |
| **1,2-Dichlorobenzene** | 95-50-1 | **16** | 1.0 | 0.14 | ug/L | 01.28.14 01.00 | | 1 |
| **1,3-Dichlorobenzene** | 541-73-1 | **9.7** | 1.0 | 0.17 | ug/L | 01.28.14 01.00 | | 1 |
| **1,4-Dichlorobenzene** | 106-46-7 | **63** | 1.0 | 0.17 | ug/L | 01.28.14 01.00 | | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.00 | U | 1 |
| **1,1-Dichloroethene** | 75-35-4 | **1.6** | 1.0 | 0.20 | ug/L | 01.28.14 01.00 | | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **860** | 10 | 2.1 | ug/L | 01.31.14 17.08 | D | 10 |
| **trans-1,2-Dichloroethene** | 156-60-5 | **1.5** | 1.0 | 0.21 | ug/L | 01.28.14 01.00 | | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.00 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.28.14 01.00 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.00 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 01.00 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.28.14 01.00 | U | 1 |
| **Isopropylbenzene** | 98-82-8 | **1.4** | 1.0 | 0.15 | ug/L | 01.28.14 01.00 | | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 01.00 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.00 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.28.14 01.00 | U | 1 |
| **4-Methyl-2-pentanone (MIBK)** | 108-10-1 | **0.91** | 2.0 | 0.26 | ug/L | 01.28.14 01.00 | J | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.28.14 01.00 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.00 | U | 1 |
| **Tetrachloroethene** | 127-18-4 | **30** | 1.0 | 0.16 | ug/L | 01.28.14 01.00 | | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **MW-37**
Lab Sample Id: 477891-021

Matrix: Water
Date Collected: 01.20.14 17.11

Date Received: 01.22.14 11.26

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: MWE
Seq Number: 933016

Date Prep: 01.27.14 21.29

Prep Method: SW5030B
% Moisture:

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 01.00 | U | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **110** | 1.0 | 0.17 | ug/L | 01.28.14 01.00 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.00 | U | 1 |
| **Trichloroethene** | 79-01-6 | **16** | 1.0 | 0.19 | ug/L | 01.28.14 01.00 | | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.28.14 01.00 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.00 | U | 1 |
| **Vinyl chloride** | 75-01-4 | **130** | 1.0 | 0.19 | ug/L | 01.28.14 01.00 | | 1 |
| **Xylenes, Total** | 1330-20-7 | **1.9** | 1.0 | 0.20 | ug/L | 01.28.14 01.00 | | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.28.14 01.00 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.28.14 01.00 | |
| Toluene-D8 | 2037-26-5 | 95 | % | 70-130 | 01.28.14 01.00 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-9** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-022 Date Collected: 01.19.14 11.04

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <3.5 | 20 | 3.5 | ug/L | 01.27.14 16.41 | U | 10 |
| Benzene | 71-43-2 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 16.41 | U | 10 |
| Bromodichloromethane | 75-27-4 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 16.41 | U | 10 |
| Bromoform | 75-25-2 | <1.7 | 10 | 1.7 | ug/L | 01.27.14 16.41 | U | 10 |
| Bromomethane | 74-83-9 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 16.41 | U | 10 |
| Carbon disulfide | 75-15-0 | <2.6 | 10 | 2.6 | ug/L | 01.27.14 16.41 | U | 10 |
| Carbon tetrachloride | 56-23-5 | <3.3 | 10 | 3.3 | ug/L | 01.27.14 16.41 | U | 10 |
| Chlorobenzene | 108-90-7 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 16.41 | U | 10 |
| Chloroethane | 75-00-3 | <2.6 | 10 | 2.6 | ug/L | 01.27.14 16.41 | U | 10 |
| 2-Butanone (MEK) | 78-93-3 | <2.8 | 20 | 2.8 | ug/L | 01.27.14 16.41 | U | 10 |
| Chloroform | 67-66-3 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 16.41 | U | 10 |
| Chloromethane | 74-87-3 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 16.41 | U | 10 |
| Cyclohexane | 110-82-7 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 16.41 | U | 10 |
| Dibromochloromethane | 124-48-1 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <1.9 | 10 | 1.9 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | <1.4 | 10 | 1.4 | ug/L | 01.27.14 16.41 | U | 10 |
| **1,3-Dichlorobenzene** | 541-73-1 | **8.9** | 10 | 1.7 | ug/L | 01.27.14 16.41 | J | 10 |
| **1,4-Dichlorobenzene** | 106-46-7 | **19** | 10 | 1.7 | ug/L | 01.27.14 16.41 | | 10 |
| Dichlorodifluoromethane | 75-71-8 | <2.2 | 10 | 2.2 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,1-Dichloroethane | 75-34-3 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,2-Dichloroethane | 107-06-2 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,1-Dichloroethene | 75-35-4 | <2.0 | 10 | 2.0 | ug/L | 01.27.14 16.41 | U | 10 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **2100** | 50.0 | 11.0 | ug/L | 01.28.14 13.19 | D | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | <2.1 | 10 | 2.1 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,2-Dichloropropane | 78-87-5 | <1.5 | 10 | 1.5 | ug/L | 01.27.14 16.41 | U | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | <1.0 | 10 | 1.0 | ug/L | 01.27.14 16.41 | U | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 16.41 | U | 10 |
| **Ethylbenzene** | 100-41-4 | **1100** | 10 | 1.9 | ug/L | 01.27.14 16.41 | | 10 |
| 2-Hexanone | 591-78-6 | <3.2 | 20 | 3.2 | ug/L | 01.27.14 16.41 | U | 10 |
| **Isopropylbenzene** | 98-82-8 | **54** | 10 | 1.5 | ug/L | 01.27.14 16.41 | | 10 |
| Methyl acetate | 79-20-9 | <2.6 | 20 | 2.6 | ug/L | 01.27.14 16.41 | U | 10 |
| Methylcyclohexane | 108-87-2 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 16.41 | U | 10 |
| Methylene chloride | 75-09-2 | <4.2 | 10 | 4.2 | ug/L | 01.27.14 16.41 | U | 10 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <2.6 | 20 | 2.6 | ug/L | 01.27.14 16.41 | U | 10 |
| Methyl tert-butyl ether | 1634-04-4 | <1.8 | 20 | 1.8 | ug/L | 01.27.14 16.41 | U | 10 |
| Styrene | 100-42-5 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <1.8 | 10 | 1.8 | ug/L | 01.27.14 16.41 | U | 10 |
| **Tetrachloroethene** | 127-18-4 | **17** | 10 | 1.6 | ug/L | 01.27.14 16.41 | | 10 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-9** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-022 Date Collected: 01.19.14 11.04

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.27.14 06.37

Seq Number: 932992

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <1.4 | 10 | 1.4 | ug/L | 01.27.14 16.41 | U | 10 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **11** | 10 | 1.7 | ug/L | 01.27.14 16.41 | | 10 |
| 1,1,1-Trichloroethane | 71-55-6 | <1.6 | 10 | 1.6 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | <2.5 | 10 | 2.5 | ug/L | 01.27.14 16.41 | U | 10 |
| **Trichloroethene** | 79-01-6 | **300** | 10 | 1.9 | ug/L | 01.27.14 16.41 | | 10 |
| Trichlorofluoromethane | 75-69-4 | <5.3 | 10 | 5.3 | ug/L | 01.27.14 16.41 | U | 10 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <1.1 | 10 | 1.1 | ug/L | 01.27.14 16.41 | U | 10 |
| **Vinyl chloride** | 75-01-4 | **190** | 10 | 1.9 | ug/L | 01.27.14 16.41 | | 10 |
| **Xylenes, Total** | 1330-20-7 | **2700** | 10 | 2.0 | ug/L | 01.27.14 16.41 | | 10 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.27.14 16.41 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.27.14 16.41 | |
| Toluene-D8 | 2037-26-5 | 100 | % | 70-130 | 01.27.14 16.41 | |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-10** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-023 Date Collected: 01.19.14 14.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.28.14 01.27 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 01.27 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.27 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 01.27 | UX | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.27 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 01.27 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.28.14 01.27 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.27 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.28.14 01.27 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.28.14 01.27 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 01.27 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.27 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.27 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.28.14 01.27 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.28.14 01.27 | U | 1 |
| **cis-1,2-Dichloroethene** | 156-59-2 | **1.3** | 1.0 | 0.21 | ug/L | 01.28.14 01.27 | | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.27 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.28.14 01.27 | UX | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.27 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 01.27 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.28.14 01.27 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.28.14 01.27 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 01.27 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.27 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.28.14 01.27 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.28.14 01.27 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.28.14 01.27 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.28.14 01.27 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 01.27 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **PAN-MW-10** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-023 Date Collected: 01.19.14 14.56

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MWE Date Prep: 01.27.14 21.29

Seq Number: 933016

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.28.14 01.27 | U | 1 |
| **1,2,4-Trichlorobenzene** | 120-82-1 | **2.7** | 1.0 | 0.17 | ug/L | 01.28.14 01.27 | | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.28.14 01.27 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 01.27 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.28.14 01.27 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.28.14 01.27 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.28.14 01.27 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.28.14 01.27 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 104 | % | 53-159 | 01.28.14 01.27 | |
| 4-Bromofluorobenzene | 460-00-4 | 99 | % | 30-186 | 01.28.14 01.27 | |
| Toluene-D8 | 2037-26-5 | 97 | % | 70-130 | 01.28.14 01.27 | |

# Certificate of Analytical Results 477891

XENCO Laboratories
Florida Testing Services, LLC

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **TRIP BLANK** Matrix: Water Date Received:01.22.14 11.26
Lab Sample Id: 477891-024 Date Collected: 01.19.14 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B
Tech: MWE % Moisture:
Analyst: MLA Date Prep: 01.25.14 09.21
Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Acetone | 67-64-1 | <0.35 | 2.0 | 0.35 | ug/L | 01.25.14 12.11 | U | 1 |
| Benzene | 71-43-2 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.11 | U | 1 |
| Bromodichloromethane | 75-27-4 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.11 | U | 1 |
| Bromoform | 75-25-2 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.11 | U | 1 |
| Bromomethane | 74-83-9 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.11 | U | 1 |
| Carbon disulfide | 75-15-0 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 12.11 | U | 1 |
| Carbon tetrachloride | 56-23-5 | <0.33 | 1.0 | 0.33 | ug/L | 01.25.14 12.11 | U | 1 |
| Chlorobenzene | 108-90-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.11 | U | 1 |
| Chloroethane | 75-00-3 | <0.26 | 1.0 | 0.26 | ug/L | 01.25.14 12.11 | U | 1 |
| 2-Butanone (MEK) | 78-93-3 | <0.28 | 2.0 | 0.28 | ug/L | 01.25.14 12.11 | U | 1 |
| Chloroform | 67-66-3 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.11 | U | 1 |
| Chloromethane | 74-87-3 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.11 | U | 1 |
| Cyclohexane | 110-82-7 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.11 | U | 1 |
| Dibromochloromethane | 124-48-1 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,2-Dibromo-3-chloropropane (DBCP) | 96-12-8 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,2-Dibromoethane (EDB) | 106-93-4 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.11 | U | 1 |
| Dichlorodifluoromethane | 75-71-8 | <0.22 | 1.0 | 0.22 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,1-Dichloroethane | 75-34-3 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,2-Dichloroethane | 107-06-2 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,1-Dichloroethene | 75-35-4 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 12.11 | U | 1 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 12.11 | U | 1 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.21 | 1.0 | 0.21 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,2-Dichloropropane | 78-87-5 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.11 | U | 1 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.10 | 1.0 | 0.10 | ug/L | 01.25.14 12.11 | U | 1 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.11 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.11 | U | 1 |
| 2-Hexanone | 591-78-6 | <0.32 | 2.0 | 0.32 | ug/L | 01.25.14 12.11 | U | 1 |
| Isopropylbenzene | 98-82-8 | <0.15 | 1.0 | 0.15 | ug/L | 01.25.14 12.11 | U | 1 |
| Methyl acetate | 79-20-9 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 12.11 | U | 1 |
| Methylcyclohexane | 108-87-2 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.11 | U | 1 |
| Methylene chloride | 75-09-2 | <0.42 | 1.0 | 0.42 | ug/L | 01.25.14 12.11 | U | 1 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.26 | 2.0 | 0.26 | ug/L | 01.25.14 12.11 | U | 1 |
| Methyl tert-butyl ether | 1634-04-4 | <0.18 | 2.0 | 0.18 | ug/L | 01.25.14 12.11 | U | 1 |
| Styrene | 100-42-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.18 | 1.0 | 0.18 | ug/L | 01.25.14 12.11 | U | 1 |
| Tetrachloroethene | 127-18-4 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.11 | U | 1 |

# Certificate of Analytical Results 477891

## Environmental International Corporation, Alpharetta, GA

VOPAK-Savannah

Sample Id: **TRIP BLANK** Matrix: Water Date Received:01.22.14 11.26

Lab Sample Id: 477891-024 Date Collected: 01.19.14 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 01.25.14 09.21

Seq Number: 932827

| Parameter | Cas Number | Result | RL | MDL | Units | Analysis Date | Flag | Dil |
|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | <0.14 | 1.0 | 0.14 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.17 | 1.0 | 0.17 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.16 | 1.0 | 0.16 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.25 | 1.0 | 0.25 | ug/L | 01.25.14 12.11 | U | 1 |
| Trichloroethene | 79-01-6 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.11 | U | 1 |
| Trichlorofluoromethane | 75-69-4 | <0.53 | 1.0 | 0.53 | ug/L | 01.25.14 12.11 | U | 1 |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | <0.11 | 1.0 | 0.11 | ug/L | 01.25.14 12.11 | U | 1 |
| Vinyl chloride | 75-01-4 | <0.19 | 1.0 | 0.19 | ug/L | 01.25.14 12.11 | U | 1 |
| Xylenes, Total | 1330-20-7 | <0.20 | 1.0 | 0.20 | ug/L | 01.25.14 12.11 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 17060-07-0 | 108 | % | 53-159 | 01.25.14 12.11 | |
| 4-Bromofluorobenzene | 460-00-4 | 102 | % | 30-186 | 01.25.14 12.11 | |
| Toluene-D8 | 2037-26-5 | 101 | % | 70-130 | 01.25.14 12.11 | |

# Flagging Criteria

**X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

**B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

**D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

**E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

**F** RPD exceeded lab control limits.

**J** The target analyte was positively identified below the quantitation limit and above the detection limit.

**U** Analyte was not detected.

**L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

**H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

**K** Sample analyzed outside of recommended hold time.

**JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

**BRL** Below Reporting Limit.

**RL** Reporting Limit

**MDL** Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

**PQL** Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

**+** NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

# QC Summary 477891

Florida Testing Services, LLC

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 932827 Matrix: Water Date Prep: 01.25.14

MB Sample Id: 650262-1-BLK LCS Sample Id: 650262-1-BKS LCSD Sample Id: 650262-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 96 | 96 | 88 | 88 | 40-140 | 9 | 20 | ug/L | 01.25.14 10:07 | |
| Benzene | <0.16 | 50 | 52 | 104 | 52 | 104 | 80-120 | 0 | 20 | ug/L | 01.25.14 10:07 | |
| Bromodichloromethane | <0.25 | 50 | 51 | 102 | 50 | 100 | 75-120 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| Bromoform | <0.17 | 50 | 46 | 92 | 46 | 92 | 70-130 | 0 | 20 | ug/L | 01.25.14 10:07 | |
| Bromomethane | <0.25 | 50 | 52 | 104 | 50 | 100 | 30-145 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| Carbon disulfide | <0.26 | 50 | 54 | 108 | 51 | 102 | 35-160 | 6 | 20 | ug/L | 01.25.14 10:07 | |
| Carbon tetrachloride | <0.33 | 50 | 53 | 106 | 50 | 100 | 65-140 | 6 | 20 | ug/L | 01.25.14 10:07 | |
| Chlorobenzene | <0.15 | 50 | 50 | 100 | 50 | 100 | 80-120 | 0 | 20 | ug/L | 01.25.14 10:07 | |
| Chloroethane | <0.26 | 50 | 60 | 120 | 56 | 112 | 60-135 | 7 | 20 | ug/L | 01.25.14 10:07 | |
| 2-Butanone (MEK) | <0.28 | 100 | 88 | 88 | 83 | 83 | 30-150 | 6 | 20 | ug/L | 01.25.14 10:07 | |
| Chloroform | <0.16 | 50 | 48 | 96 | 46 | 92 | 65-135 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| Chloromethane | <0.25 | 50 | 55 | 110 | 52 | 104 | 40-125 | 6 | 20 | ug/L | 01.25.14 10:07 | |
| Cyclohexane | <0.15 | 50 | 52 | 104 | 55 | 110 | 65-135 | 6 | 20 | ug/L | 01.25.14 10:07 | |
| Dibromochloromethane | <0.15 | 50 | 51 | 102 | 50 | 100 | 60-135 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 44 | 88 | 48 | 96 | 50-130 | 9 | 20 | ug/L | 01.25.14 10:07 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 52 | 104 | 50 | 100 | 80-120 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 56 | 112 | 54 | 108 | 70-120 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 56 | 112 | 55 | 110 | 75-125 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 52 | 104 | 50 | 100 | 75-125 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| Dichlorodifluoromethane | <0.22 | 50 | 55 | 110 | 51 | 102 | 30-155 | 8 | 20 | ug/L | 01.25.14 10:07 | |
| 1,1-Dichloroethane | <0.11 | 50 | 51 | 102 | 50 | 100 | 70-135 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,2-Dichloroethane | <0.18 | 50 | 49 | 98 | 46 | 92 | 70-130 | 6 | 20 | ug/L | 01.25.14 10:07 | |
| 1,1-Dichloroethene | <0.20 | 50 | 53 | 106 | 52 | 104 | 70-130 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 57 | 114 | 56 | 112 | 70-125 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 52 | 104 | 50 | 100 | 60-140 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| 1,2-Dichloropropane | <0.15 | 50 | 53 | 106 | 54 | 108 | 75-125 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 52 | 104 | 50 | 100 | 70-130 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 56 | 112 | 55 | 110 | 55-140 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| Ethylbenzene | <0.19 | 50 | 56 | 112 | 55 | 110 | 75-125 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 2-Hexanone | <0.32 | 100 | 81 | 81 | 80 | 80 | 55-130 | 1 | 20 | ug/L | 01.25.14 10:07 | |
| Isopropylbenzene | <0.15 | 50 | 50 | 100 | 50 | 100 | 75-125 | 0 | 20 | ug/L | 01.25.14 10:07 | |
| Methyl acetate | <0.26 | 50 | 47 | 94 | 45 | 90 | 65-135 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| Methylcyclohexane | <0.11 | 50 | 53 | 106 | 54 | 108 | 65-135 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| Methylene chloride | <0.42 | 50 | 53 | 106 | 49 | 98 | 55-140 | 8 | 20 | ug/L | 01.25.14 10:07 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 86 | 86 | 87 | 87 | 60-135 | 1 | 20 | ug/L | 01.25.14 10:07 | |
| Methyl tert-butyl ether | <0.18 | 100 | 98 | 98 | 95 | 95 | 65-125 | 3 | 20 | ug/L | 01.25.14 10:07 | |
| Styrene | <0.18 | 50 | 50 | 100 | 49 | 98 | 65-135 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 48 | 96 | 48 | 96 | 65-130 | 0 | 20 | ug/L | 01.25.14 10:07 | |
| Tetrachloroethene | <0.16 | 50 | 49 | 98 | 48 | 96 | 45-150 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| Toluene | <0.14 | 50 | 52 | 104 | 51 | 102 | 75-120 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 47 | 94 | 48 | 96 | 65-135 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 49 | 98 | 48 | 96 | 65-130 | 2 | 20 | ug/L | 01.25.14 10:07 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 51 | 102 | 49 | 98 | 75-125 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| Trichloroethene | <0.19 | 50 | 48 | 96 | 52 | 104 | 70-125 | 8 | 20 | ug/L | 01.25.14 10:07 | |
| Trichlorofluoromethane | <0.53 | 50 | 50 | 100 | 48 | 96 | 60-145 | 4 | 20 | ug/L | 01.25.14 10:07 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 56 | 112 | 52 | 104 | 65-130 | 7 | 20 | ug/L | 01.25.14 10:07 | |
| Vinyl chloride | <0.19 | 50 | 58 | 116 | 53 | 106 | 50-145 | 9 | 20 | ug/L | 01.25.14 10:07 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 109 | | 83 | | 80 | | 53-159 | % | 01.25.14 10:07 |
| 4-Bromofluorobenzene | 106 | | 100 | | 101 | | 30-186 | % | 01.25.14 10:07 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

| | | | | | |
|---|---|---|---|---|---|
| **Analytical Method:** | **VOCs by SW-846 8260B** | | | Prep Method: | SW5030B |
| Seq Number: | 932827 | Matrix: | Water | Date Prep: | 01.25.14 |
| MB Sample Id: | 650262-1-BLK | LCS Sample Id: | 650262-1-BKS | LCSD Sample Id: | 650262-1-BSD |

| **Surrogate** | **MB %Rec** | **MB Flag** | **LCS %Rec** | **LCS Flag** | **LCSD %Rec** | **LCSD Flag** | **Limits** | **Units** | **Analysis Date** |
|---|---|---|---|---|---|---|---|---|---|
| Toluene-D8 | 103 | | 99 | | 99 | | 70-130 | % | 01.25.14 10:07 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 932992 Matrix: Water Date Prep: 01.27.14
MB Sample Id: 650304-1-BLK LCS Sample Id: 650304-1-BKS LCSD Sample Id: 650304-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 120 | 120 | 120 | 120 | 40-140 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| Benzene | <0.16 | 50 | 51 | 102 | 53 | 106 | 80-120 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Bromodichloromethane | <0.25 | 50 | 53 | 106 | 55 | 110 | 75-120 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Bromoform | <0.17 | 50 | 57 | 114 | 59 | 118 | 70-130 | 3 | 20 | ug/L | 01.27.14 07:52 | |
| Bromomethane | <0.25 | 50 | 47 | 94 | 47 | 94 | 30-145 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| Carbon disulfide | <0.26 | 50 | 41 | 82 | 43 | 86 | 35-160 | 5 | 20 | ug/L | 01.27.14 07:52 | |
| Carbon tetrachloride | <0.33 | 50 | 49 | 98 | 54 | 108 | 65-140 | 10 | 20 | ug/L | 01.27.14 07:52 | |
| Chlorobenzene | <0.15 | 50 | 50 | 100 | 51 | 102 | 80-120 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| Chloroethane | <0.26 | 50 | 47 | 94 | 55 | 110 | 60-135 | 16 | 20 | ug/L | 01.27.14 07:52 | |
| 2-Butanone (MEK) | <0.28 | 100 | 120 | 120 | 130 | 130 | 30-150 | 8 | 20 | ug/L | 01.27.14 07:52 | |
| Chloroform | <0.16 | 50 | 50 | 100 | 52 | 104 | 65-135 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Chloromethane | <0.25 | 50 | 45 | 90 | 47 | 94 | 40-125 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Cyclohexane | <0.15 | 50 | 43 | 86 | 46 | 92 | 65-135 | 7 | 20 | ug/L | 01.27.14 07:52 | |
| Dibromochloromethane | <0.15 | 50 | 54 | 108 | 56 | 112 | 60-135 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 56 | 112 | 58 | 116 | 50-130 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 54 | 108 | 55 | 110 | 80-120 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 52 | 104 | 53 | 106 | 70-120 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 51 | 102 | 52 | 104 | 75-125 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 51 | 102 | 51 | 102 | 75-125 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| Dichlorodifluoromethane | <0.22 | 50 | 49 | 98 | 52 | 104 | 30-155 | 6 | 20 | ug/L | 01.27.14 07:52 | |
| 1,1-Dichloroethane | <0.11 | 50 | 52 | 104 | 54 | 108 | 70-135 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 1,2-Dichloroethane | <0.18 | 50 | 54 | 108 | 55 | 110 | 70-130 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 1,1-Dichloroethene | <0.20 | 50 | 49 | 98 | 53 | 106 | 70-130 | 8 | 20 | ug/L | 01.27.14 07:52 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 51 | 102 | 53 | 106 | 70-125 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 51 | 102 | 53 | 106 | 60-140 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 1,2-Dichloropropane | <0.15 | 50 | 53 | 106 | 55 | 110 | 75-125 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 56 | 112 | 56 | 112 | 70-130 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 55 | 110 | 57 | 114 | 55-140 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Ethylbenzene | <0.19 | 50 | 51 | 102 | 52 | 104 | 75-125 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 2-Hexanone | <0.32 | 100 | 120 | 120 | 130 | 130 | 55-130 | 8 | 20 | ug/L | 01.27.14 07:52 | |
| Isopropylbenzene | <0.15 | 50 | 50 | 100 | 51 | 102 | 75-125 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| Methyl acetate | <0.26 | 50 | 55 | 110 | 57 | 114 | 65-135 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Methylcyclohexane | <0.11 | 50 | 54 | 108 | 53 | 106 | 65-135 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| Methylene chloride | <0.42 | 50 | 50 | 100 | 52 | 104 | 55-140 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 120 | 120 | 120 | 120 | 60-135 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| Methyl tert-butyl ether | <0.18 | 100 | 110 | 110 | 110 | 110 | 65-125 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| Styrene | <0.18 | 50 | 52 | 104 | 53 | 106 | 65-135 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 55 | 110 | 57 | 114 | 65-130 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Tetrachloroethene | <0.16 | 50 | 52 | 104 | 52 | 104 | 45-150 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| Toluene | <0.14 | 50 | 50 | 100 | 50 | 100 | 75-120 | 0 | 20 | ug/L | 01.27.14 07:52 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 57 | 114 | 58 | 116 | 65-135 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 49 | 98 | 51 | 102 | 65-130 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 52 | 104 | 54 | 108 | 75-125 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| Trichloroethene | <0.19 | 50 | 52 | 104 | 53 | 106 | 70-125 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| Trichlorofluoromethane | <0.53 | 50 | 51 | 102 | 53 | 106 | 60-145 | 4 | 20 | ug/L | 01.27.14 07:52 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 50 | 100 | 51 | 102 | 65-130 | 2 | 20 | ug/L | 01.27.14 07:52 | |
| Vinyl chloride | <0.19 | 50 | 48 | 96 | 50 | 100 | 50-145 | 4 | 20 | ug/L | 01.27.14 07:52 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 101 | | 102 | | 103 | | 53-159 | % | 01.27.14 07:52 |
| 4-Bromofluorobenzene | 99 | | 98 | | 99 | | 30-186 | % | 01.27.14 07:52 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

| | | | | | |
|---|---|---|---|---|---|
| **Analytical Method:** | **VOCs by SW-846 8260B** | | | Prep Method: | SW5030B |
| Seq Number: | 932992 | Matrix: | Water | Date Prep: | 01.27.14 |
| MB Sample Id: | 650304-1-BLK | LCS Sample Id: | 650304-1-BKS | LCSD Sample Id: | 650304-1-BSD |

| **Surrogate** | **MB %Rec** | **MB Flag** | **LCS %Rec** | **LCS Flag** | **LCSD %Rec** | **LCSD Flag** | **Limits** | **Units** | **Analysis Date** |
|---|---|---|---|---|---|---|---|---|---|
| Toluene-D8 | 98 | | 97 | | 97 | | 70-130 | % | 01.27.14 07:52 |

# QC Summary 477891

Florida Testing Services, LLC

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 933016 Matrix: Water Date Prep: 01.27.14

MB Sample Id: 650315-1-BLK LCS Sample Id: 650315-1-BKS LCSD Sample Id: 650315-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 120 | 120 | 120 | 120 | 40-140 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| Benzene | <0.16 | 50 | 51 | 102 | 48 | 96 | 80-120 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| Bromodichloromethane | <0.25 | 50 | 54 | 108 | 52 | 104 | 75-120 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| Bromoform | <0.17 | 50 | 57 | 114 | 56 | 112 | 70-130 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Bromomethane | <0.25 | 50 | 52 | 104 | 49 | 98 | 30-145 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| Carbon disulfide | <0.26 | 50 | 42 | 84 | 45 | 90 | 35-160 | 7 | 20 | ug/L | 01.27.14 22:17 | |
| Carbon tetrachloride | <0.33 | 50 | 50 | 100 | 49 | 98 | 65-140 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Chlorobenzene | <0.15 | 50 | 49 | 98 | 48 | 96 | 80-120 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Chloroethane | <0.26 | 50 | 53 | 106 | 50 | 100 | 60-135 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| 2-Butanone (MEK) | <0.28 | 100 | 120 | 120 | 130 | 130 | 30-150 | 8 | 20 | ug/L | 01.27.14 22:17 | |
| Chloroform | <0.16 | 50 | 51 | 102 | 49 | 98 | 65-135 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| Chloromethane | <0.25 | 50 | 44 | 88 | 45 | 90 | 40-125 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Cyclohexane | <0.15 | 50 | 47 | 94 | 45 | 90 | 65-135 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| Dibromochloromethane | <0.15 | 50 | 53 | 106 | 52 | 104 | 60-135 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 56 | 112 | 58 | 116 | 50-130 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 53 | 106 | 54 | 108 | 80-120 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 50 | 100 | 49 | 98 | 70-120 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 50 | 100 | 48 | 96 | 75-125 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 49 | 98 | 48 | 96 | 75-125 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Dichlorodifluoromethane | <0.22 | 50 | 52 | 104 | 52 | 104 | 30-155 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| 1,1-Dichloroethane | <0.11 | 50 | 52 | 104 | 50 | 100 | 70-135 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 1,2-Dichloroethane | <0.18 | 50 | 55 | 110 | 52 | 104 | 70-130 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| 1,1-Dichloroethene | <0.20 | 50 | 54 | 108 | 49 | 98 | 70-130 | 10 | 20 | ug/L | 01.27.14 22:17 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 51 | 102 | 48 | 96 | 70-125 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 52 | 104 | 48 | 96 | 60-140 | 8 | 20 | ug/L | 01.27.14 22:17 | |
| 1,2-Dichloropropane | <0.15 | 50 | 53 | 106 | 51 | 102 | 75-125 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 55 | 110 | 52 | 104 | 70-130 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 54 | 108 | 54 | 108 | 55-140 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| Ethylbenzene | <0.19 | 50 | 50 | 100 | 48 | 96 | 75-125 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 2-Hexanone | <0.32 | 100 | 120 | 120 | 130 | 130 | 55-130 | 8 | 20 | ug/L | 01.27.14 22:17 | |
| Isopropylbenzene | <0.15 | 50 | 50 | 100 | 47 | 94 | 75-125 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| Methyl acetate | <0.26 | 50 | 54 | 108 | 57 | 114 | 65-135 | 5 | 20 | ug/L | 01.27.14 22:17 | |
| Methylcyclohexane | <0.11 | 50 | 51 | 102 | 49 | 98 | 65-135 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| Methylene chloride | <0.42 | 50 | 52 | 104 | 48 | 96 | 55-140 | 8 | 20 | ug/L | 01.27.14 22:17 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 120 | 120 | 120 | 120 | 60-135 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| Methyl tert-butyl ether | <0.18 | 100 | 110 | 110 | 110 | 110 | 65-125 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| Styrene | <0.18 | 50 | 51 | 102 | 49 | 98 | 65-135 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 54 | 108 | 55 | 110 | 65-130 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Tetrachloroethene | <0.16 | 50 | 50 | 100 | 48 | 96 | 45-150 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| Toluene | <0.14 | 50 | 49 | 98 | 47 | 94 | 75-120 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 54 | 108 | 54 | 108 | 65-135 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 50 | 100 | 48 | 96 | 65-130 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 53 | 106 | 52 | 104 | 75-125 | 2 | 20 | ug/L | 01.27.14 22:17 | |
| Trichloroethene | <0.19 | 50 | 52 | 104 | 49 | 98 | 70-125 | 6 | 20 | ug/L | 01.27.14 22:17 | |
| Trichlorofluoromethane | <0.53 | 50 | 54 | 108 | 54 | 108 | 60-145 | 0 | 20 | ug/L | 01.27.14 22:17 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 58 | 116 | 56 | 112 | 65-130 | 4 | 20 | ug/L | 01.27.14 22:17 | |
| Vinyl chloride | <0.19 | 50 | 51 | 102 | 51 | 102 | 50-145 | 0 | 20 | ug/L | 01.27.14 22:17 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 105 | | 104 | | 104 | | 53-159 | % | 01.27.14 22:17 |
| 4-Bromofluorobenzene | 101 | | 100 | | 100 | | 30-186 | % | 01.27.14 22:17 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 933016 Matrix: Water Date Prep: 01.27.14
MB Sample Id: 650315-1-BLK LCS Sample Id: 650315-1-BKS LCSD Sample Id: 650315-1-BSD

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| Toluene-D8 | 98 | | 97 | | 98 | | 70-130 | % | 01.27.14 22:17 |

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 933002 Matrix: Water Date Prep: 01.28.14
MB Sample Id: 650372-1-BLK LCS Sample Id: 650372-1-BKS LCSD Sample Id: 650372-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 110 | 110 | 110 | 110 | 40-140 | 0 | 20 | ug/L | 01.28.14 10:05 | |
| Chlorobenzene | <0.15 | 50 | 52 | 104 | 52 | 104 | 80-120 | 0 | 20 | ug/L | 01.28.14 10:05 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 49 | 98 | 50 | 100 | 70-125 | 2 | 20 | ug/L | 01.28.14 10:05 | |
| Ethylbenzene | <0.19 | 50 | 52 | 104 | 53 | 106 | 75-125 | 2 | 20 | ug/L | 01.28.14 10:05 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 105 | | 106 | | 105 | | 53-159 | % | 01.28.14 10:05 |
| 4-Bromofluorobenzene | 102 | | 100 | | 101 | | 30-186 | % | 01.28.14 10:05 |
| Toluene-D8 | 106 | | 103 | | 104 | | 70-130 | % | 01.28.14 10:05 |

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 933149 Matrix: Water Date Prep: 01.31.14
MB Sample Id: 650476-1-BLK LCS Sample Id: 650476-1-BKS LCSD Sample Id: 650476-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | <0.21 | 50 | 50 | 100 | 52 | 104 | 70-125 | 4 | 20 | ug/L | 01.31.14 10:44 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 101 | | 99 | | 100 | | 53-159 | % | 01.31.14 10:44 |
| 4-Bromofluorobenzene | 104 | | 102 | | 102 | | 30-186 | % | 01.31.14 10:44 |
| Toluene-D8 | 102 | | 101 | | 101 | | 70-130 | % | 01.31.14 10:44 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 932827 Matrix: Water Date Prep: 01.25.14

Parent Sample Id: 477891-001 MS Sample Id: 477891-001 S MSD Sample Id: 477891-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <350 | 100000 | 120000 | 120 | 120000 | 120 | 40-140 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| Benzene | <160 | 50000 | 50000 | 100 | 51000 | 102 | 77-118 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Bromodichloromethane | <250 | 50000 | 50000 | 100 | 50000 | 100 | 68-125 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| Bromoform | <170 | 50000 | 46000 | 92 | 46000 | 92 | 53-112 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| Bromomethane | <250 | 50000 | 49000 | 98 | 51000 | 102 | 63-137 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| Carbon disulfide | <260 | 50000 | 48000 | 96 | 50000 | 100 | 26-147 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| Carbon tetrachloride | <330 | 50000 | 46000 | 92 | 45000 | 90 | 56-138 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Chlorobenzene | 460 | 50000 | 50000 | 99 | 49000 | 97 | 71-114 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Chloroethane | <260 | 50000 | 57000 | 114 | 57000 | 114 | 60-137 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| 2-Butanone (MEK) | <280 | 100000 | 95000 | 95 | 100000 | 100 | 50-152 | 5 | 20 | ug/L | 01.25.14 19:19 | |
| Chloroform | <160 | 50000 | 47000 | 94 | 46000 | 92 | 65-131 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Chloromethane | <250 | 50000 | 53000 | 106 | 58000 | 116 | 48-151 | 9 | 20 | ug/L | 01.25.14 19:19 | |
| Cyclohexane | <150 | 50000 | 40000 | 80 | 42000 | 84 | 61-141 | 5 | 20 | ug/L | 01.25.14 19:19 | |
| Dibromochloromethane | <150 | 50000 | 50000 | 100 | 52000 | 104 | 53-125 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <190 | 50000 | 50000 | 100 | 51000 | 102 | 53-121 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| 1,2-Dibromoethane (EDB) | <180 | 50000 | 51000 | 102 | 52000 | 104 | 66-125 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| 1,2-Dichlorobenzene | <140 | 50000 | 53000 | 106 | 53000 | 106 | 58-124 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| 1,3-Dichlorobenzene | <170 | 50000 | 52000 | 104 | 52000 | 104 | 62-120 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| 1,4-Dichlorobenzene | 210 | 50000 | 49000 | 98 | 49000 | 98 | 64-114 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| Dichlorodifluoromethane | <220 | 50000 | 46000 | 92 | 46000 | 92 | 38-145 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| 1,1-Dichloroethane | <110 | 50000 | 49000 | 98 | 50000 | 100 | 69-132 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| 1,2-Dichloroethane | <180 | 50000 | 50000 | 100 | 48000 | 96 | 55-141 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| 1,1-Dichloroethene | <200 | 50000 | 48000 | 96 | 51000 | 102 | 62-131 | 6 | 20 | ug/L | 01.25.14 19:19 | |
| cis-1,2-Dichloroethene | 7900 | 50000 | 54000 | 92 | 56000 | 96 | 22-185 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| trans-1,2-Dichloroethene | <210 | 50000 | 48000 | 96 | 50000 | 100 | 65-135 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| 1,2-Dichloropropane | <150 | 50000 | 51000 | 102 | 53000 | 106 | 78-121 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| cis-1,3-Dichloropropene | <100 | 50000 | 47000 | 94 | 48000 | 96 | 67-113 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| trans-1,3-Dichloropropene | <110 | 50000 | 53000 | 106 | 55000 | 110 | 50-125 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| Ethylbenzene | <190 | 50000 | 52000 | 104 | 51000 | 102 | 66-127 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| 2-Hexanone | <320 | 100000 | 91000 | 91 | 94000 | 94 | 55-136 | 3 | 20 | ug/L | 01.25.14 19:19 | |
| Isopropylbenzene | <150 | 50000 | 43000 | 86 | 44000 | 88 | 58-127 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Methyl acetate | <260 | 50000 | 52000 | 104 | 53000 | 106 | 65-135 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Methylcyclohexane | <110 | 50000 | 40000 | 80 | 40000 | 80 | 64-128 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| Methylene chloride | <420 | 50000 | 52000 | 104 | 54000 | 108 | 63-150 | 4 | 20 | ug/L | 01.25.14 19:19 | |
| 4-Methyl-2-pentanone (MIBK) | <260 | 100000 | 97000 | 97 | 98000 | 98 | 65-132 | 1 | 20 | ug/L | 01.25.14 19:19 | |
| Methyl tert-butyl ether | <180 | 100000 | 93000 | 93 | 100000 | 100 | 58-141 | 7 | 20 | ug/L | 01.25.14 19:19 | |
| Styrene | <180 | 50000 | 48000 | 96 | 48000 | 96 | 50-133 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| 1,1,2,2-Tetrachloroethane | <180 | 50000 | 52000 | 104 | 53000 | 106 | 63-126 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Tetrachloroethene | <160 | 50000 | 43000 | 86 | 42000 | 84 | 52-125 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Toluene | <140 | 50000 | 49000 | 98 | 49000 | 98 | 65-123 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| 1,2,4-Trichlorobenzene | <170 | 50000 | 43000 | 86 | 45000 | 90 | 34-131 | 5 | 20 | ug/L | 01.25.14 19:19 | |
| 1,1,1-Trichloroethane | <160 | 50000 | 46000 | 92 | 45000 | 90 | 59-138 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| 1,1,2-Trichloroethane | <250 | 50000 | 51000 | 102 | 52000 | 104 | 72-115 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| Trichloroethene | <190 | 50000 | 52000 | 104 | 49000 | 98 | 65-125 | 6 | 20 | ug/L | 01.25.14 19:19 | |
| Trichlorofluoromethane | <530 | 50000 | 46000 | 92 | 45000 | 90 | 51-145 | 2 | 20 | ug/L | 01.25.14 19:19 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <110 | 50000 | 45000 | 90 | 45000 | 90 | 53-138 | 0 | 20 | ug/L | 01.25.14 19:19 | |
| Vinyl chloride | 1900 | 50000 | 51000 | 98 | 55000 | 106 | 52-140 | 8 | 20 | ug/L | 01.25.14 19:19 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 87 | | 84 | | 53-159 | % | 01.25.14 19:19 |
| 4-Bromofluorobenzene | 95 | | 97 | | 30-186 | % | 01.25.14 19:19 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

| | | | | | |
|---|---|---|---|---|---|
| **Analytical Method:** | **VOCs by SW-846 8260B** | | | Prep Method: | SW5030B |
| Seq Number: | 932827 | Matrix: | Water | Date Prep: | 01.25.14 |
| Parent Sample Id: | 477891-001 | MS Sample Id: | 477891-001 S | MSD Sample Id: | 477891-001 SD |

| **Surrogate** | **MS %Rec** | **MS Flag** | **MSD %Rec** | **MSD Flag** | **Limits** | **Units** | **Analysis Date** |
|---|---|---|---|---|---|---|---|
| Toluene-D8 | 99 | | 98 | | 70-130 | % | 01.25.14 19:19 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 932992 Matrix: Water Date Prep: 01.27.14

Parent Sample Id: 477891-008 MS Sample Id: 477891-008 S MSD Sample Id: 477891-008 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 120 | 120 | 120 | 120 | 40-140 | 0 | 20 | ug/L | 01.27.14 18:05 | |
| Benzene | <0.16 | 50 | 52 | 104 | 53 | 106 | 77-118 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| Bromodichloromethane | <0.25 | 50 | 54 | 108 | 56 | 112 | 68-125 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Bromoform | <0.17 | 50 | 55 | 110 | 58 | 116 | 53-112 | 5 | 20 | ug/L | 01.27.14 18:05 | X |
| Bromomethane | <0.25 | 50 | 49 | 98 | 50 | 100 | 63-137 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| Carbon disulfide | <0.26 | 50 | 47 | 94 | 48 | 96 | 26-147 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| Carbon tetrachloride | <0.33 | 50 | 52 | 104 | 55 | 110 | 56-138 | 6 | 20 | ug/L | 01.27.14 18:05 | |
| Chlorobenzene | <0.15 | 50 | 50 | 100 | 52 | 104 | 71-114 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Chloroethane | <0.26 | 50 | 55 | 110 | 53 | 106 | 60-137 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 2-Butanone (MEK) | <0.28 | 100 | 130 | 130 | 130 | 130 | 50-152 | 0 | 20 | ug/L | 01.27.14 18:05 | |
| Chloroform | <0.16 | 50 | 53 | 106 | 55 | 110 | 65-131 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Chloromethane | <0.25 | 50 | 42 | 84 | 41 | 82 | 48-151 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| Cyclohexane | <0.15 | 50 | 42 | 84 | 43 | 86 | 61-141 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| Dibromochloromethane | <0.15 | 50 | 53 | 106 | 55 | 110 | 53-125 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 55 | 110 | 57 | 114 | 53-121 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 54 | 108 | 57 | 114 | 66-125 | 5 | 20 | ug/L | 01.27.14 18:05 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 51 | 102 | 54 | 108 | 58-124 | 6 | 20 | ug/L | 01.27.14 18:05 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 50 | 100 | 53 | 106 | 62-120 | 6 | 20 | ug/L | 01.27.14 18:05 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 50 | 100 | 52 | 104 | 64-114 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Dichlorodifluoromethane | <0.22 | 50 | 31 | 62 | 32 | 64 | 38-145 | 3 | 20 | ug/L | 01.27.14 18:05 | |
| 1,1-Dichloroethane | <0.11 | 50 | 53 | 106 | 55 | 110 | 69-132 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 1,2-Dichloroethane | <0.18 | 50 | 55 | 110 | 56 | 112 | 55-141 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| 1,1-Dichloroethene | <0.20 | 50 | 55 | 110 | 52 | 104 | 62-131 | 6 | 20 | ug/L | 01.27.14 18:05 | |
| cis-1,2-Dichloroethene | <0.21 | 50 | 53 | 106 | 54 | 108 | 22-185 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 52 | 104 | 54 | 108 | 65-135 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 1,2-Dichloropropane | <0.15 | 50 | 54 | 108 | 55 | 110 | 78-121 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 53 | 106 | 55 | 110 | 67-113 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| trans-1,3-Dichloropropene | <0.11 | 50 | 54 | 108 | 57 | 114 | 50-125 | 5 | 20 | ug/L | 01.27.14 18:05 | |
| Ethylbenzene | <0.19 | 50 | 51 | 102 | 52 | 104 | 66-127 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| 2-Hexanone | <0.32 | 100 | 130 | 130 | 130 | 130 | 55-136 | 0 | 20 | ug/L | 01.27.14 18:05 | |
| Isopropylbenzene | <0.15 | 50 | 50 | 100 | 52 | 104 | 58-127 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Methyl acetate | <0.26 | 50 | 51 | 102 | 50 | 100 | 65-135 | 2 | 20 | ug/L | 01.27.14 18:05 | |
| Methylcyclohexane | <0.11 | 50 | 52 | 104 | 52 | 104 | 64-128 | 0 | 20 | ug/L | 01.27.14 18:05 | |
| Methylene chloride | <0.42 | 50 | 48 | 96 | 48 | 96 | 63-150 | 0 | 20 | ug/L | 01.27.14 18:05 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 120 | 120 | 120 | 120 | 65-132 | 0 | 20 | ug/L | 01.27.14 18:05 | |
| Methyl tert-butyl ether | <0.18 | 100 | 110 | 110 | 120 | 120 | 58-141 | 9 | 20 | ug/L | 01.27.14 18:05 | |
| Styrene | <0.18 | 50 | 51 | 102 | 53 | 106 | 50-133 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 54 | 108 | 57 | 114 | 63-126 | 5 | 20 | ug/L | 01.27.14 18:05 | |
| Tetrachloroethene | <0.16 | 50 | 50 | 100 | 52 | 104 | 52-125 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Toluene | <0.14 | 50 | 50 | 100 | 52 | 104 | 65-123 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| 1,2,4-Trichlorobenzene | <0.17 | 50 | 53 | 106 | 57 | 114 | 34-131 | 7 | 20 | ug/L | 01.27.14 18:05 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 52 | 104 | 55 | 110 | 59-138 | 6 | 20 | ug/L | 01.27.14 18:05 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 53 | 106 | 55 | 110 | 72-115 | 4 | 20 | ug/L | 01.27.14 18:05 | |
| Trichloroethene | <0.19 | 50 | 64 | 128 | 57 | 114 | 65-125 | 12 | 20 | ug/L | 01.27.14 18:05 | X |
| Trichlorofluoromethane | <0.53 | 50 | 51 | 102 | 54 | 108 | 51-145 | 6 | 20 | ug/L | 01.27.14 18:05 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 49 | 98 | 45 | 90 | 53-138 | 9 | 20 | ug/L | 01.27.14 18:05 | |
| Vinyl chloride | <0.19 | 50 | 45 | 90 | 45 | 90 | 52-140 | 0 | 20 | ug/L | 01.27.14 18:05 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 103 | | 103 | | 53-159 | % | 01.27.14 18:05 |
| 4-Bromofluorobenzene | 100 | | 100 | | 30-186 | % | 01.27.14 18:05 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

| | | | | | |
|---|---|---|---|---|---|
| **Analytical Method:** | **VOCs by SW-846 8260B** | | | Prep Method: | SW5030B |
| Seq Number: | 932992 | Matrix: | Water | Date Prep: | 01.27.14 |
| Parent Sample Id: | 477891-008 | MS Sample Id: | 477891-008 S | MSD Sample Id: | 477891-008 SD |

| **Surrogate** | **MS %Rec** | **MS Flag** | **MSD %Rec** | **MSD Flag** | **Limits** | **Units** | **Analysis Date** |
|---|---|---|---|---|---|---|---|
| Toluene-D8 | 98 | | 98 | | 70-130 | % | 01.27.14 18:05 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 933016 Matrix: Water Date Prep: 01.27.14

Parent Sample Id: 477891-023 MS Sample Id: 477891-023 S MSD Sample Id: 477891-023 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.35 | 100 | 110 | 110 | 110 | 110 | 40-140 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Benzene | <0.16 | 50 | 52 | 104 | 49 | 98 | 77-118 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| Bromodichloromethane | <0.25 | 50 | 56 | 112 | 54 | 108 | 68-125 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Bromoform | <0.17 | 50 | 57 | 114 | 56 | 112 | 53-112 | 2 | 20 | ug/L | 01.28.14 06:44 | X |
| Bromomethane | <0.25 | 50 | 59 | 118 | 52 | 104 | 63-137 | 13 | 20 | ug/L | 01.28.14 06:44 | |
| Carbon disulfide | <0.26 | 50 | 37 | 74 | 42 | 84 | 26-147 | 13 | 20 | ug/L | 01.28.14 06:44 | |
| Carbon tetrachloride | <0.33 | 50 | 50 | 100 | 50 | 100 | 56-138 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Chlorobenzene | <0.15 | 50 | 52 | 104 | 50 | 100 | 71-114 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Chloroethane | <0.26 | 50 | 63 | 126 | 53 | 106 | 60-137 | 17 | 20 | ug/L | 01.28.14 06:44 | |
| 2-Butanone (MEK) | <0.28 | 100 | 120 | 120 | 120 | 120 | 50-152 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Chloroform | <0.16 | 50 | 53 | 106 | 52 | 104 | 65-131 | 2 | 20 | ug/L | 01.28.14 06:44 | |
| Chloromethane | <0.25 | 50 | 48 | 96 | 42 | 84 | 48-151 | 13 | 20 | ug/L | 01.28.14 06:44 | |
| Cyclohexane | <0.15 | 50 | 44 | 88 | 49 | 98 | 61-141 | 11 | 20 | ug/L | 01.28.14 06:44 | |
| Dibromochloromethane | <0.15 | 50 | 55 | 110 | 54 | 108 | 53-125 | 2 | 20 | ug/L | 01.28.14 06:44 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | <0.19 | 50 | 56 | 112 | 58 | 116 | 53-121 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| 1,2-Dibromoethane (EDB) | <0.18 | 50 | 55 | 110 | 54 | 108 | 66-125 | 2 | 20 | ug/L | 01.28.14 06:44 | |
| 1,2-Dichlorobenzene | <0.14 | 50 | 54 | 108 | 52 | 104 | 58-124 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| 1,3-Dichlorobenzene | <0.17 | 50 | 53 | 106 | 51 | 102 | 62-120 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| 1,4-Dichlorobenzene | <0.17 | 50 | 52 | 104 | 51 | 102 | 64-114 | 2 | 20 | ug/L | 01.28.14 06:44 | |
| Dichlorodifluoromethane | <0.22 | 50 | 52 | 104 | 47 | 94 | 38-145 | 10 | 20 | ug/L | 01.28.14 06:44 | |
| 1,1-Dichloroethane | <0.11 | 50 | 52 | 104 | 50 | 100 | 69-132 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| 1,2-Dichloroethane | <0.18 | 50 | 54 | 108 | 53 | 106 | 55-141 | 2 | 20 | ug/L | 01.28.14 06:44 | |
| 1,1-Dichloroethene | <0.20 | 50 | 46 | 92 | 50 | 100 | 62-131 | 8 | 20 | ug/L | 01.28.14 06:44 | |
| cis-1,2-Dichloroethene | 1.3 | 50 | 53 | 103 | 51 | 99 | 22-185 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| trans-1,2-Dichloroethene | <0.21 | 50 | 50 | 100 | 47 | 94 | 65-135 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| 1,2-Dichloropropane | <0.15 | 50 | 55 | 110 | 52 | 104 | 78-121 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| cis-1,3-Dichloropropene | <0.10 | 50 | 57 | 114 | 54 | 108 | 67-113 | 5 | 20 | ug/L | 01.28.14 06:44 | X |
| trans-1,3-Dichloropropene | <0.11 | 50 | 57 | 114 | 55 | 110 | 50-125 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Ethylbenzene | <0.19 | 50 | 52 | 104 | 51 | 102 | 66-127 | 2 | 20 | ug/L | 01.28.14 06:44 | |
| 2-Hexanone | <0.32 | 100 | 130 | 130 | 130 | 130 | 55-136 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Isopropylbenzene | <0.15 | 50 | 52 | 104 | 50 | 100 | 58-127 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Methyl acetate | <0.26 | 50 | 58 | 116 | 54 | 108 | 65-135 | 7 | 20 | ug/L | 01.28.14 06:44 | |
| Methylcyclohexane | <0.11 | 50 | 51 | 102 | 49 | 98 | 64-128 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Methylene chloride | <0.42 | 50 | 51 | 102 | 44 | 88 | 63-150 | 15 | 20 | ug/L | 01.28.14 06:44 | |
| 4-Methyl-2-pentanone (MIBK) | <0.26 | 100 | 120 | 120 | 120 | 120 | 65-132 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Methyl tert-butyl ether | <0.18 | 100 | 110 | 110 | 110 | 110 | 58-141 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Styrene | <0.18 | 50 | 54 | 108 | 51 | 102 | 50-133 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| 1,1,2,2-Tetrachloroethane | <0.18 | 50 | 57 | 114 | 57 | 114 | 63-126 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| Tetrachloroethene | <0.16 | 50 | 52 | 104 | 49 | 98 | 52-125 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| Toluene | <0.14 | 50 | 51 | 102 | 49 | 98 | 65-123 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| 1,2,4-Trichlorobenzene | 2.7 | 50 | 57 | 109 | 57 | 109 | 34-131 | 0 | 20 | ug/L | 01.28.14 06:44 | |
| 1,1,1-Trichloroethane | <0.16 | 50 | 52 | 104 | 49 | 98 | 59-138 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| 1,1,2-Trichloroethane | <0.25 | 50 | 56 | 112 | 53 | 106 | 72-115 | 6 | 20 | ug/L | 01.28.14 06:44 | |
| Trichloroethene | <0.19 | 50 | 53 | 106 | 51 | 102 | 65-125 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Trichlorofluoromethane | <0.53 | 50 | 57 | 114 | 54 | 108 | 51-145 | 5 | 20 | ug/L | 01.28.14 06:44 | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | <0.11 | 50 | 49 | 98 | 51 | 102 | 53-138 | 4 | 20 | ug/L | 01.28.14 06:44 | |
| Vinyl chloride | <0.19 | 50 | 55 | 110 | 49 | 98 | 52-140 | 12 | 20 | ug/L | 01.28.14 06:44 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 102 | | 102 | | 53-159 | % | 01.28.14 06:44 |
| 4-Bromofluorobenzene | 100 | | 100 | | 30-186 | % | 01.28.14 06:44 |

# QC Summary 477891

## Environmental International Corporation

VOPAK-Savannah

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 933016 Matrix: Water Date Prep: 01.27.14
Parent Sample Id: 477891-023 MS Sample Id: 477891-023 S MSD Sample Id: 477891-023 SD

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| Toluene-D8 | 97 | | 97 | | 70-130 | % | 01.28.14 06:44 |

**Analytical Method:** **VOCs by SW-846 8260B** Prep Method: SW5030B
Seq Number: 933149 Matrix: Water Date Prep: 01.31.14
Parent Sample Id: 478069-004 MS Sample Id: 478069-004 S MSD Sample Id: 478069-004 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | <0.21 | 50 | 50 | 100 | 53 | 106 | 22-185 | 6 | 20 | ug/L | 01.31.14 18:32 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-D4 | 101 | | 103 | | 53-159 | % | 01.31.14 18:32 |
| 4-Bromofluorobenzene | 102 | | 102 | | 30-186 | % | 01.31.14 18:32 |
| Toluene-D8 | 100 | | 102 | | 70-130 | % | 01.31.14 18:32 |

XENCO Laboratories

☐ 3231 NW 7th Ave, Boca Raton, Fl 33431 561-447-7373
☐ 2505 Falkenburg Rd, Tampa, Fl 33569 813-620-2000
☑ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

# ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 267428 

Company-City: EIC, Atlanta GA
Phone: 770-772-7100
Lab Only: WO# 477891
Proj Name-Location: VOPAK Savannah ☒ Previously done at XENCO
Project ID: 390020
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Alan Sanders
e-Mail Results to ☐ PM or: asanders@eicusa.com
Fax No: 770-772-0353
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing:
P.O No: 901245 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs ( GW DW QAPP MDLs RLs See Lab PM Included Call PM )
Sampler Name: Will Grant Signature: Will

Remarks: From: Rov by: Date: Addn:

| | Sample ID | Sampling Date | Time | Depth ft' in" m | Matrix | Composite | Grab | # Containers | Container Size | Container Type | Preservatives | VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs | VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other: | PAHs | FL PRO DRO GRO MA EPH MA VPH | SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL | OC Pesticides PCBs Herbicides OP Pesticides | Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2 | SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs) | EDB / DBCP | 8260 B | TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d | Addn: PAH above mg/L W, mg/Kg S Highest Hit | Hold Samples (Surcharges will apply and are pre-approved) | Sample Clean-ups are pre-approved as needed | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | IW-18 | 1/19/14 | 18:25 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 1 |
| 2 | LAW-PZ-8R | 1/19/14 | 17:31 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 2 |
| 3 | MW-14 | 1/19/14 | 10:19 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 3 |
| 4 | MW-16 | 1/20/14 | 18:21 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 4 |
| 5 | MW-17R | 1/21/14 | 10:03 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 5 |
| 6 | MW-18R | 1/20/14 | 8:56 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 6 |
| 7 | MW-19 | 1/20/14 | 10:54 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 7 |
| 8 | MW-23 | 1/20/14 | 15:37 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 8 |
| 9 | MW-24R | 1/19/14 | 12:40 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 9 |
| 10 | MW-25 | 1/20/14 | 10:05 | | W | | X | 2 | 40 | C | H | | | | | | | | | | ✓ | | | | | 10 |

| | Relinquished by ( Initials and Sign) | Date & Time | Relinquished to ( Initials and Sign) | Date & Time |
|---|---|---|---|---|
| 1 | 1) A. Patti | 1/22/14 11:26 | 2) | 01/22/14 |
| 2 | 3) | | 4) | |
| 3 | 5) | | 6) | 11:26 |

Total Containers per COC: Cooler Temp: 2.1°C

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**Preservatives:** Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

**Cont. Size**: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

**Matrix:** Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

# ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 267427 

Company-City: EIC, Atlanta GA
Phone: 770-772-7100
Lab Only: WO# 477391
Proj Name-Location: VOPAK Savannah ☒ Previously done at XENCO
Project ID: 390020
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Alan Sanders
e-Mail Results to ☐ PM or: asanders@eicusa.com
Fax No: 770-772-0353
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing:
P.O No: 90245 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs ( GW DW QAPP MDLs RLs See Lab PM Included Call PM )
Sampler Name: Will Grant
Signature: Will Grant

| | Sample ID | Sampling Date | Time | Depth ft' In" m | Matrix | Composite | Grab | # Containers | Container Size | Container Type | Preservatives | VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs / VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other: | PAHs | FL PRO DRO GRO MA EPH MA VPH | SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL | OC Pesticides PCBs Herbicides OP Pesticides | Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2 | SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs) | EDB / DBCP | 8260 B | TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d | Addn: PAH above mg/L W, mg/Kg S Highest Hit | Hold Samples (Surcharges will apply and are pre-approved) | Remarks: Sample Clean-ups are pre-approved as needed | Addn: | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-26R | 1/20/14 | 12:57 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 1 |
| 2 | MW-27 | 1/20/14 | 13:58 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 2 |
| 3 | MW-29 | 1/19/14 | 11:56 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 3 |
| 4 | MW-30 | 1/19/14 | 16:06 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 4 |
| 5 | MW-31 | 1/20/14 | 14:52 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 5 |
| 6 | MW-32 | 1/21/14 | 10:43 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 6 |
| 7 | MW-33 | 1/19/14 | 15:33 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 7 |
| 8 | MW-34 | 1/20/14 | 16:26 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 8 |
| 9 | MW-35 | 1/21/14 | 9:03 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 9 |
| 10 | MW-36 | 1/21/14 | 11:15 | | W | | X | 2 | 40 | C | H | | | | | | | | | ✓ | | | | | | 10 |

| | Relinquished by ( Initials and Sign) | Date & Time | Relinquished to ( Initials and Sign) | Date & Time |
|---|---|---|---|---|
| 1 | 1) A. Patrick | 1/22/14 11:26 | 2) | 01/22/14 |
| 2 | 3) | | 4) | |
| 3 | 5) | | 6) | 11:26 |

Total Containers per COC: Cooler Temp: 2.1°C

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**Preservatives:** Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

**Cont. Size**: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

**Matrix:** Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ South Carolina 803-543-8099 ☐ Other

# ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 267430



Company-City: EIC, Atlanta GA
Phone: 770-772-7100
Lab Only: CWO# 477891
Proj Name-Location: VOPAK Savannah ☐ Previously done at XENCO
Project ID: 390020
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d ~~Standard~~ TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Alan Sanders
e-Mail Results to ☐ PM or: asanders@eicusa.com
Fax No: 770-772-0353
Invoice to ☐ Accounting ☒ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing:
P.O No: 901245 ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs ( GW DW QAPP MDLs RLs See Lab PM Included Call PM )
Sampler Name: Will Grant
Signature: Will Grant

From:
Rcv by:
Date
Addn:

| | Sample ID | Sampling Date | Time | Depth ft In m | Matrix | Composite | Grab | # Containers | Container Size | Container Type | Preservatives | VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs | VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other: | PAHs | FL PRO DRO GRO MA EPH MA VPH | SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL | OC Pesticides PCBs Herbicides OP Pesticides | Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2 | SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs) | EDB / DBCP | 8260 B | TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d | Addn: PAH above mg/L W, mg/Kg S Highest Hit | Hold Samples (Surcharges will apply and are pre-approved) | Sample Clean-ups are pre-approved as needed | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-37 | 1/20/14 | 17:11 | | W | | X | 2 | 40 | C | H | | | | | | | | | | X | | | | | |
| 2 | PAN-MW-9 | 1/19/14 | 11:04 | | W | | X | 2 | 40 | C | H | | | | | | | | | | X | | | | | |
| 3 | PAN-MW-10 | 1/19/14 | 14:56 | | W | | X | 2 | 40 | C | H | | | | | | | | | | X | | | | | |
| 4 | Trip Blank | | | | W | | | 2 | 40 | C | NA | | | | | | | | | | X | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by ( Initials and Sign) | Date & Time | Relinquished to ( Initials and Sign) | Date & Time |
|---|---|---|---|
| 1) A. Pate | 1/22/14 11:26 | 2) | 01/22/14 |
| 3) | | 4) | 1126 |
| 5) | | 6) | |

Total Containers per COC:
Cooler Temp: 2.1 °C

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**Preservatives:** Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

**Cont. Size:** 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

**Matrix:** Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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# XENCO Laboratories

## Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

**Client:** Environmental International Corporation

**Date/ Time Received:** 01/22/2014 11:26:00 AM

**Work Order #:** 477891

**Acceptable Temperature Range: 0 - 6 degC**
**Air and Metal samples Acceptable Range: Ambient**

**Temperature Measuring device used : #61**

| Sample Receipt Checklist | Comments |
|---|---|
| #1 *Temperature of cooler(s)? | 2.1 |
| #2 *Shipping container in good condition? | **Yes** |
| #3 *Samples received on ice? | **Yes** |
| #4 *Custody Seals intact on shipping container/ cooler? | **N/A** |
| #5 Custody Seals intact on sample bottles? | **N/A** |
| #6 *Custody Seals Signed and dated? | **N/A** |
| #7 *Chain of Custody present? | **Yes** |
| #8 Sample instructions complete on Chain of Custody? | **Yes** |
| #9 Any missing/extra samples? | **No** |
| #10 Chain of Custody signed when relinquished/ received? | **Yes** |
| #11 Chain of Custody agrees with sample label(s)? | **Yes** |
| #12 Container label(s) legible and intact? | **Yes** |
| #13 Sample matrix/ properties agree with Chain of Custody? | **Yes** |
| #14 Samples in proper container/ bottle? | **Yes** |
| #15 Samples properly preserved? | **Yes** |
| #16 Sample container(s) intact? | **Yes** |
| #17 Sufficient sample amount for indicated test(s)? | **Yes** |
| #18 All samples received within hold time? | **Yes** |
| #19 Subcontract of sample(s)? | **No** |
| #20 VOC samples have zero headspace (less than 1/4 inch bubble)? | **Yes** |
| #21 <2 for all samples preserved with HNO3,HCL, H2SO4? | **N/A** |
| #22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH? | **N/A** |

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

| Analyst: | PH Device/Lot#: |
|---|---|

**Checklist completed by:** Dario Lagunas  Date: 01/22/2014

**Checklist reviewed by:** Eben Buchanan  Date: 01/22/2014

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# FIFTH SEMIANNUAL PROGRESS REPORT

# ATTACHMENT F

# Environmental International Corporation
## Time by Job Summary
### August 2013 through January 2014

| TASKS | Aug 13 | Sep 13 | Oct 13 | Nov 13 | Dec 13 | Jan 14 | TOTAL |
|---|---|---|---|---|---|---|---|
| 390000- VOPAK:390020 - VTSI Quarterly MNA GW Sampling | 71.75 | 43.75 | 138.00 | 2.00 | 4.25 | 153.75 | 413.50 |
| 390000- VOPAK:390025 - Semi-annual report for VTSI | 54.25 | 6.00 | 0.00 | 0.00 | 0.25 | 9.50 | 70.00 |
| 390000- VOPAK:390033 - VTSI Survey Missing Wells | 28.00 | 0.50 | 0.25 | 14.50 | 137.25 | 34.75 | 215.25 |
| **TOTAL** | **154.00** | **50.25** | **138.25** | **16.50** | **141.75** | **198.00** | **698.75** |

# FIFTH SEMI-ANNUAL PROGRESS REPORT

# APPENDIX A

VOPAK TERMINAL SAVANNAH, SAVANNAH, GEORGIA

# Down-hole Indicator Parameter Report

February 28, 2014

Prepared for:
**VOPAK TERMINAL SAVANNAH**
Savannah, Georgia

Project No. 390027

Prepared by:
**ENVIRONMENTAL INTERNATIONAL CORPORATION**
161 Kimball Bridge Road, Suite 100, Alpharetta, GA 30009, USA
Phone 770.772.7100 • Fax 770.772.0555
http://www.eicusa.com

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DRAFT

# List of Attachments

A: Probe Data (CD)

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SECTION

1

# 1. INTRODUCTION

EIC is pleased to submit this report that documents EIC's evaluation of the potential impact of in situ geochemical indicator parameters on constituents of concern (COC) in groundwater, under the VRP program approved by the Georgia Environmental Protection Division (EPD) to VOPAK Terminal Savannah (VOPAK). The COC consist of volatile organic compounds (VOCs) and chlorinated VOCs (CVOCs). For this evaluation, EIC utilized down-hole multi-parameter data loggers for the continuous real-time collection of water level data and indicator parameters from selected monitoring wells.

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## 1.1 PROJECT OBJECTIVES

The primary objective was to collect continuous downhole geochemical water quality data from selected monitoring wells at the VOPAK terminal. The data was used to define the in situ baseline conditions of indicator parameters that are useful in determining whether the site-specific subsurface conditions are favorable for natural attenuation of chlorinated organic constituents. This evaluation also serves as one of the lines of evidence to verify whether MNA is effective and sustainable.

## 1.2 EIC's APPROACH

To conduct this study, EIC utilized down-hole multi-parameter data-loggers that met the well diameter restrictions of monitor wells in the area of the PCE plume. Since the data-loggers required at least a 2-inch diameter well, EIC selected four 2-inch monitoring wells for probe installation. Each data-logger continuously measures temperature, conductivity, dissolved oxygen (DO), pH, oxygen reduction potential (ORP), and other inorganic parameters at pre-programmed time intervals. The data-loggers also measured groundwater levels from pressure transducers within the probes.

EIC strategically selected well locations for the study, based on known plume characteristics and site conditions that provide the most significant data towards determining a remedial strategy. Additional criteria considered included well design, the groundwater potentiometric surface, groundwater flow direction, and locations of the highest COC concentrations. After a one-week period, EIC retrieved the devices and downloaded the data onto a field laptop computer for

analysis. The resulting data was utilized in examining the potential impact of indicator parameters on the natural attenuation of the COCs at the site. The data will also be utilized in a site conceptual model that defines the fluid flow hydrodynamics and contaminant fate and transport conditions.

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SECTION

2

# 2. FIELD ACTIVITIES

To accomplish the project goals, EIC conducted various field activities during the week of April 9, 2012. The field activities entailed the installation of multi-parameter probes in select wells. The following subsections describe the field activities.

## 2.1 INSTALLATION OF MULTI-PARAMETER DATA LOGGER

On April 12, 2012, EIC installed continuous data logging devices in four wells identified as PAN-MW-9, MW-31, MW-32, and MW-33 as illustrated in Figure 2-1. Each device was comprised of a pressure transducer and thermometer as well as sensors that measured pH, conductivity, ORP, DO, and temperature.

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Prior to the installation of the multi-parameter data loggers, EIC first programmed each device and initiated the data logger using a hand-held multi-parameter display system (MDS) supplied by the transducer manufacturer. EIC connected each device to the MDS via a communication link and programmed all 4 devices to record data at 5 minute intervals, the minimum time interval to log one week of data without exceeding the internal memory of the device.

After programming, EIC strategically installed the 4 multi-parameter data loggers into wells PAN-MW-9, MW-31, MW-32, and MW-33, as illustrated in Figure 2-1. Since PAN-MW-9, MW-32, and MW-33 were located within the CVOC and VOC plumes, EIC chose these wells to monitor the MNA indicator parameters to evaluate the potential for the natural degradation of the COC. MW-31, located outside the horizontal extent of the CVOC and VOC plumes and historically a clean well, was chosen to be a control well for EIC.

The transducers were installed in each well at a height of approximately two feet above the bottom of each well. These depths are tabulated in Table 2-1. EIC selected a height of two feet above the bottom of the well to allow an adequate head of water above the transducer and to ensure constant submersion. Also, the transducer was installed at a sufficient height above the well bottom to prevent silt on the bottom of the well from fouling the sensors of each probe.

Once the devices were lowered into the wells to the proper depths, EIC secured the probes by taping each probe cable to the well TOC and/or the well stickup casing (if available) or to a traffic

cone to ensure that the cable was immobile throughout the test. To further secure the cables at flush-to-grade (FTG) wells, EIC returned the well vault covers on the well vaults so they applied pressure on the cables.

After all devices were initially programmed, installed, and secured; EIC connected the field laptop and hand-held MDS to each data cable, respectively, to conduct a quality assurance quality control (QA/QC) test. EIC was able to confirm that the appropriate measurements were being automatically taken within the set time interval from the pressure-specific transducer and multi-parameter data logger. EIC confirmed that all devices were operating properly as programmed.

## 2.2 RETRIVAL OF DATA LOGGERS

On April 19, 2012, EIC returned to the site and successfully downloaded the data from all devices onto a field laptop. Since the data logging period for the down-hole monitored natural attenuation (MNA) indicator parameters evaluation was complete, EIC retrieved all multi-parameter data loggers from their respective wells and closed and locked these wells. Table 2-2 lists the probe operating schedule. The data downloaded from the multi-parameter probe is included as Attachment A.

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SECTION

3

# 3. DATA EVALUATION

EIC tabulated all data collected during the testing interval and then extracted a representative subset of data to remove invalid data that typically occurs during installation and withdrawal of the probes from the well. The duration of the representative data utilized in EIC's analysis begins at 5 pm on April 12, 2012 and terminates at 12 pm on April 19, 2012. Utilizing the subset of data, EIC prepared Figures 3-1 to 3-20. The following sections describe the trends observed for each of the field indicator parameters measured during the testing period.

## 3.1 IDEAL CONDITIONS FOR BIOREMEDIATION

Table 3-1 lists ideal conditions for preliminary screening of certain indicator parameters to metabolize CVOCs under anaerobic conditions (EPA, 1998). EIC prepared Table 3-2 to compare the average values of the indicator parameters monitored in several wells to the ideal conditions to determine whether the prevailing site conditions are favorable to reductive dechlorination.

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## 3.2 pH VARIATION

Referring to Figures 3-1 and 3-2, it is apparent that the pH values have remained relatively stable at wells PAN-MW-9 and MW-33, respectively. Both of these wells are located within the original footprint of the CVOC plume. From Figures 3-3 and 3-4 it apparent that the pH in MW-31 and MW-32, respectively, located hydraulically side gradient of the plume, has varied over time.

Referring to Table 3-2, the pH values in all tested wells are near ideal conditions for reductive dechlorination except that the pH at PAN-MW-9 is slightly acidic. These values represent typical groundwater conditions conducive to biodegradation processes. According to Vainberg, et al (2006), the optimal pH for microbially induced dechlorination is 5.5 to 7.5 units. Therefore, some pH enhancement may be required at PAN-MW-9 and MW-32 to provide optimal conditions for further attenuation.

## 3.3 SPECIFIC CONDUCTANCE

Referring to Figures 3-5, 3-6, and 3-8, it is apparent that the specific conductivity values have remained relatively stable at wells PAN-MW-9, MW-33, and MW-31, respectively. From Figures

3-7 it is apparent that the pH at MW-32, located hydraulically side gradient of the plume, has varied over time.

Referring to Table 3-2, the average specific conductivity in all wells ranged from 0.53 to 1.25 mS/cm. These values indicate that salinity is relatively low.

## 3.4 ORP

Referring to Figures 3-9 to 3-12, it is apparent that the ORP values declined at all 4 wells during the testing period. The most significant drop was observed at wells MW-33 and MW-32. It is also noteworthy that at MW-31 the ORP values were initially at values greater than zero but gradually declined to below zero values.

Referring to Table 3-2, the average ORP values have remained below 50 millivolts indicating favorable conditions for reductive dechlorination in all four wells. Although the ORP values at MW-31 were not the most favorable for reductive dechlorination, groundwater at MW-31 lies hydraulically sidegradient and outside the original CVOC foot-print. As such, the ORP conditions at MW-31 are irrelevant to the CVOC remediation program.

## 3.5 DISSOLVED OXYGEN

Referring to Figures 3-13 to 3-16, it is apparent that the DO values have remained relatively stable at all four wells. These values indicate that the groundwater at each well is present in an anaerobic environment. Referring to Table 3-2, the average DO values remained below 0.5 mg/L indicating favorable conditions for reductive dechlorination in all four wells.

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## 3.6 TEMPERATURE

Referring to Figures 3-17 to 3-20, it is apparent that the temperature values increased slightly at PAN-MW-9, MW-33, and MW-32. The temperature values at MW-31 remained relatively unchanged during the monitoring period.

Referring to Table 3-2, the temperature values have ranged from approximately 19 through 21 Celsius. These values represent typical groundwater conditions conducive to biodegradation processes.

SECTION

4

# 4. CONCLUSIONS

EIC utilized a continuous downhole data logger to successfully collect in situ data on various geochemical indicator parameters. Considering that the primary indicator parameters such as pH, specific conductivity, ORP, DO, and temperature were close to ideal conditions for reductive dechlorination, the CVOC plume is present in a favorable environment for natural attenuation.

According to EPA (1998), reductive dechlorination affects each of the chlorinated ethenes differently. Of these compounds, PCE is the most susceptible to reductive dechlorination because it is the most oxidized. Conversely, VC is the least susceptible to reductive dechlorination because it is the least oxidized of these compounds. Consequently, the rate of reductive dechlorination decreases as the degree of chlorination decreases (Vogel and McCarty, 1985; Bouwer, 1994). According to Murray and Richardson (1993), a gradual decrease in reductive dechlorination may explain the accumulation of VC in PCE and TCE plumes in those environments where reductive dechlorination is in process.

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Since chlorinated aliphatic hydrocarbon compounds are used as electron acceptor during reductive dechlorination, an appropriate source of carbon is essential for microbial growth to sustain such processes (Bouwer, 1994). Potential carbon sources include natural organic matter, fuel hydrocarbons, or other anthropogenic organic compounds such as those found in landfill leachate. Although the total organic content was not measured, at the VOPAK site, historic sampling has indicated presence of petroleum hydrocarbons in the CVOC foot-print. Considering that the on-going trend analysis from quarterly monitoring events indicates that both petroleum hydrocarbons and CVOC plumes have steadily decreased in size, it appears that both class of constituents have cometabolized through natural attenuation.

During subsequent monitoring events, EIC plans to collect additional samples to test for alkalinity, ferrous iron, ferric iron, total sulfite, chloride, nitrate, nitrite, sulfate, total iron, methane, ethane, ethene, and related indicator parameters from selected wells within the CVOC foot-print to verify which attenuation processes are dominant. In addition, microcosm testing may be performed to determine whether enhanced attenuation is required to reach remedial end points within the VIRP time frame. Ultimately, however, the actual CVOCs concentrations measured from periodic sampling events substantiate the remedial trend.

In another context, EIC has observed that VC has remained persistent at very low levels in down-gradient locations and, in particular, at MW-16. According to EPA (1998), vinyl chloride can be rapidly oxidized under aerobic conditions. As such, VOPAK is considering localized treatment with aerobic or iron-reduction based techniques unless VC reduces to below RRS standards within the VIRP schedule.

In summary, enhanced attenuation with pH adjustment may be required to optimize the residual PCE and treatment of VC may be required to accelerate its complete metabolism into carbon dioxide and water. The data collected from the current study will be utilized to further refine the site conceptual model. Additional data from microcosm tests, and MNA parameters may be required for further substantiate the natural attenuation process.

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SECTION

5

# 5. REFERENCES


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Murray, W.D. and Richardson, M., 1993, *Progress toward the biological treatment of C1 and C2 halogenated hydrocarbons: Crit. Rev.* Environ. Sci. Technol., Volume 23 No. 3.

United States Environmental Protection Agency (EPA), 1998. *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Wate*r, EPA/600/R-98/128, September 1998.

Vainberg, S., R.J. Steffan, R. Rogers, T. Ladaa, D. Pohlmann and D. Leigh, 2006. *Production and Application of Large-Scale Cultures for Bioaugmentation,* The Fifth International Remediation of Chlorinated and Recalcitrant Compounds Conference, Monterey, CA.

Vogel, T.M., and McCarty, P.L., 1985, *Biotransformation of tetrachloroethylene to trichloroethylene, dichloroethylene, vinyl chloride, and carbon dioxide under methanogenic conditions*, Applied Environmental Microbiology, Volume 49 Number 5.


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# TABLES

# Table 2-1: Well Gauging and Probe Depth Data, VOPAK Terminal Savannah, Savannah, GA

| Well ID # | Date & Time | TOC Elevation | DTW | DTB | Water Column Height | Probe Depth (Below TOC) |
|---|---|---|---|---|---|---|
| | | ft | ft | ft | ft | ft |
| PAN-MW-9 | 4/12/2012 15:28 | 12.59 | 6.82 | 14.75 | 7.93 | 12.75 |
| MW-31 | 4/12/2012 14:43 | 9.67 | 5.50 | 20.46 | 14.96 | 18.50 |
| MW-32 | 4/12/2012 15:47 | 11.70 | 6.60 | 16.40 | 9.80 | 14.50 |
| MW-33 | 4/12/2012 15:12 | 11.61 | 5.45 | 17.85 | 12.40 | 15.85 |

NOTES:
TOC = Top of Casing
DTW = Depth to Water
DTB = Depth to Bottom

## Table 2-2: Downhole Multiparamter Probe Operating Schedule

| Well Name | Data File Name | Serial # | Test Start Date/Time | Probe Installed | Test End Date/Time | Total Depth of Well From TOC | Probe Depth From TOC |
|---|---|---|---|---|---|---|---|
| MW-31 | VOPAK-5 | 10579 | 4/12/12 14:55 | 4/12/12 14:56 | 4/19/12 13:00 | 20.46 | 18.50 |
| MW-33 | VOPAK-6 | 09004 | 4/12/12 15:10 | 4/12/12 15:12 | 4/19/12 12:40 | 17.85 | 15.85 |
| PAN-MW-9 | VOPAK-7 | 17122 | 4/12/12 15:25 | 4/12/12 15:28 | 4/19/12 13:10 | 14.75 | 12.75 |
| MW-32 | VOPAK-8 | 13649 | 4/12/12 15:55 | 4/12/12 16:00 | 4/19/12 13:25 | 16.40 | 14.50 |

Notes:
TOC = Top of Casing

**Table 3-1: Ideal Conditions for Anaerobic Biodegradation**

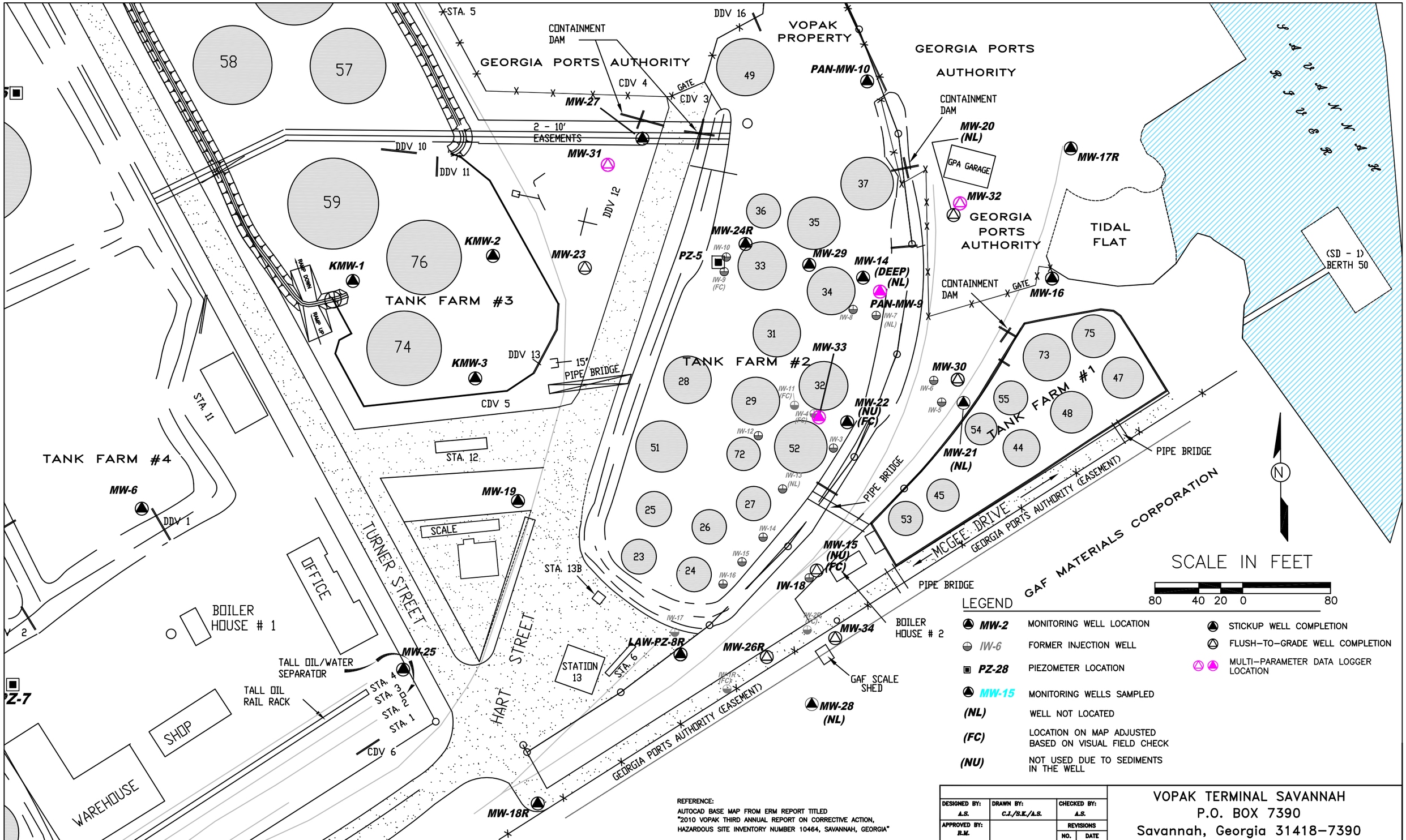
| Parameter | Range |
|---|---|
| Dissolved Oxygen | Less than 20.5 mg/L |
| Oxidataion Reduction Potential | Less than 50 millivolts |
| pH | Between 5 and 9 units |
| Total Organic Carbon | Greater than 20 mg/L |

*Source: EPA, 1998*

**Table 3-2: Average Indicator Parameter Values Measured at VOPAK Savannah Terminal**

| Parameter | PAN-MW-9 | MW-33 | MW-32 | MW-31 |
|---|---|---|---|---|
| pH | 4.10 | 5.55 | 4.56 | 6.82 |
| Specific Conductivity (mS/cm) | 1.21 | 0.53 | 1.23 | 1.25 |
| ORP (mV) | -149.74 | -296.36 | -334.42 | -3.12 |
| Dissolved Oxygen (mg/L) | 0.24 | 0.29 | 0.26 | 0.23 |
| Temperature (°C) | 19.93 | 21.19 | 21.33 | 20.33 |

# FIGURES




REFERENCE:
AUTOCAD BASE MAP FROM ERM REPORT TITLED "2010 VOPAK THIRD ANNUAL REPORT ON CORRECTIVE ACTION, HAZARDOUS SITE INVENTORY NUMBER 10464, SAVANNAH, GEORGIA"

NOTES:
ALL MONITORING WELLS ("MW") EAST OF OFFICE (EXCEPT "NL" AND "FC" WELLS), FENCE LINES BETWEEN VOPAK AND GPA, GPA EASEMENT AND TANKS 32,34,37, AND 52 WERE DRAWN BASED ON SURVEY CONDUCTED BY EMC ENGINEERING SERVICES, INC. ON 6/30/2011

FIGURE 2-1
MULTI-PARAMETER PROBE LOCATIONS
APRIL 12, 2012 – APRIL 19, 2012

| DESIGNED BY: A.S. | DRAWN BY: C.J./S.K./A.S. | CHECKED BY: A.S. |
|---|---|---|
| APPROVED BY: R.M. | | REVISIONS NO. / DATE |

SEAL:

VOPAK TERMINAL SAVANNAH
P.O. BOX 7390
Savannah, Georgia 31418-7390

ENVIRONMENTAL INTERNATIONAL CORP.
161 KIMBALL BRIDGE ROAD
ALPHARETTA GEORGIA 30009

| SCALE: | DATE: | FILE: | SHEET NO.: |
|---|---|---|---|
| SEE BAR SCALE | 8/29/2013 | 390027 - MNA DOWNHOLE | |

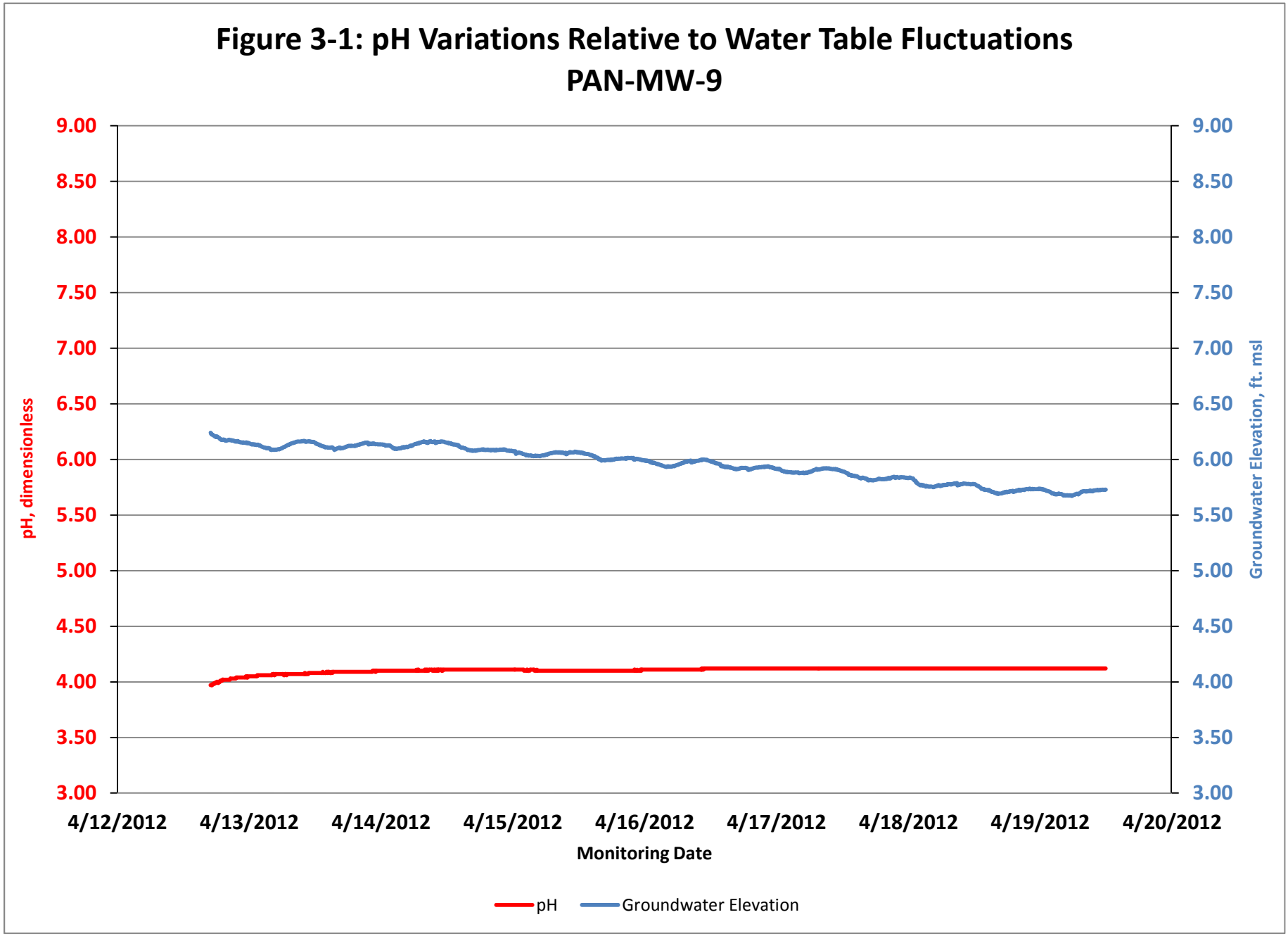


Figure 3-1: pH Variations Relative to Water Table Fluctuations
PAN-MW-9
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
pH, dimensionless
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
pH
Groundwater Elevation

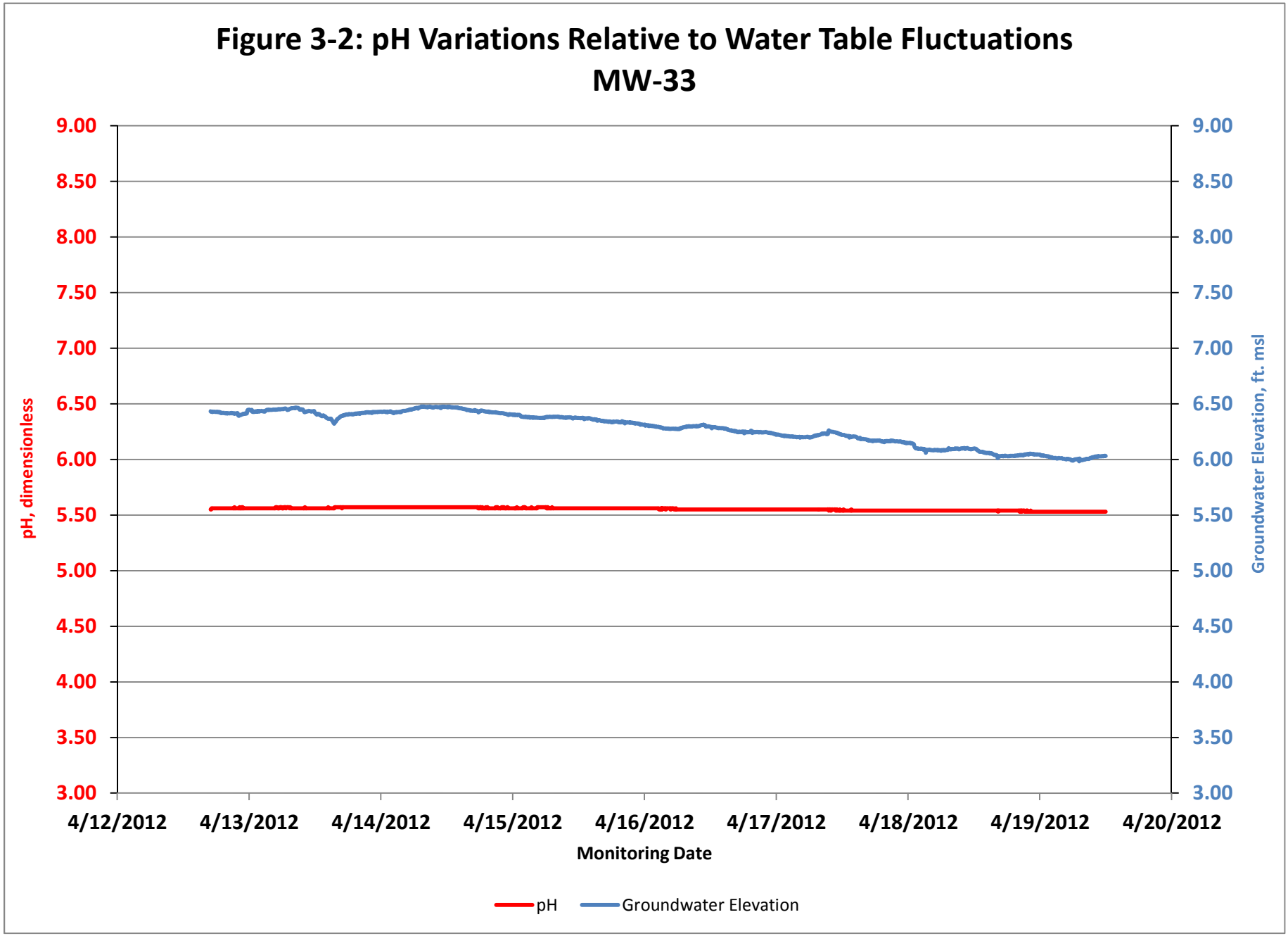


Figure 3-2: pH Variations Relative to Water Table Fluctuations
MW-33
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
pH, dimensionless
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
pH
Groundwater Elevation

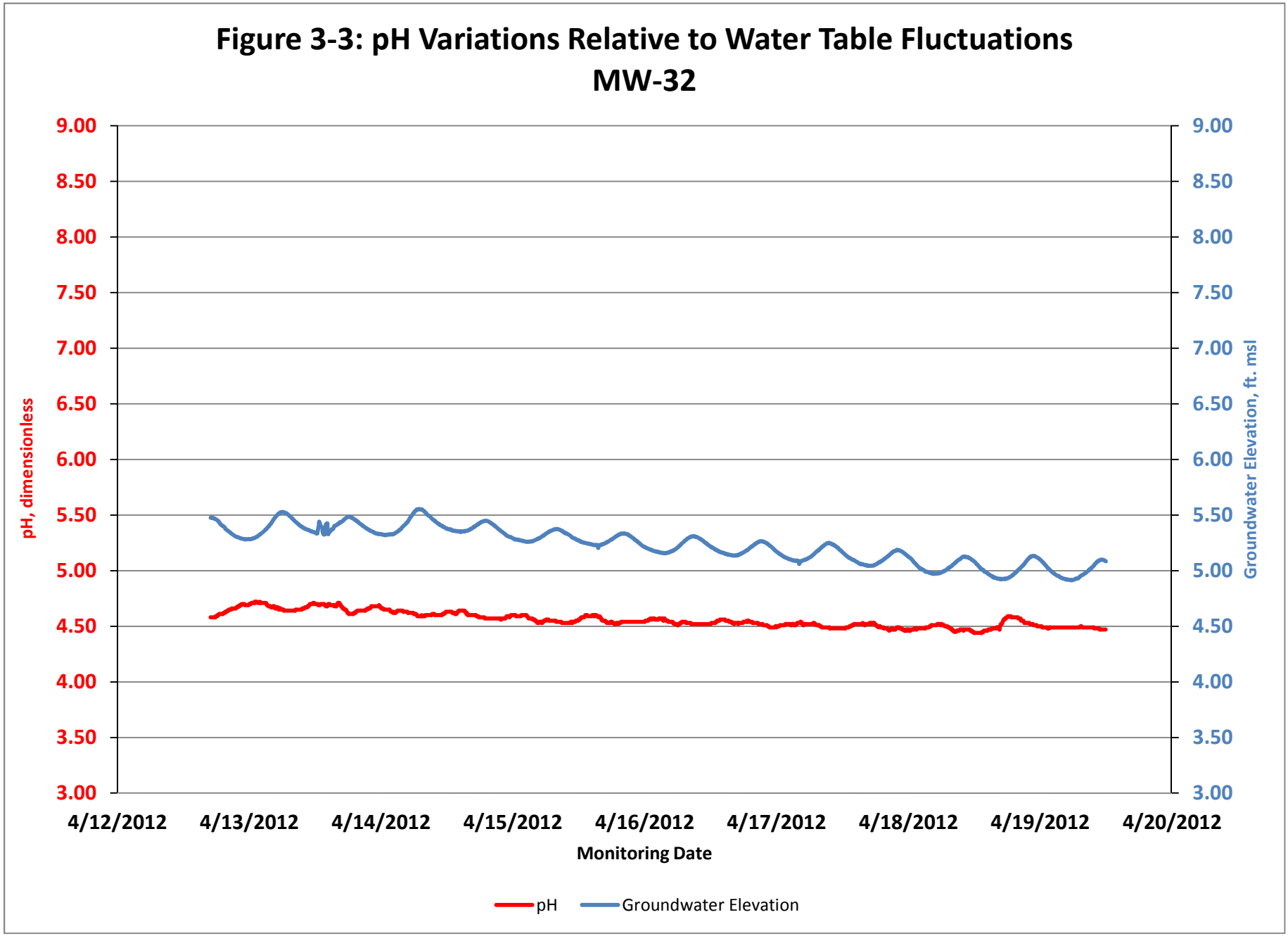


Figure 3-3: pH Variations Relative to Water Table Fluctuations
MW-32
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
pH, dimensionless
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
pH
Groundwater Elevation

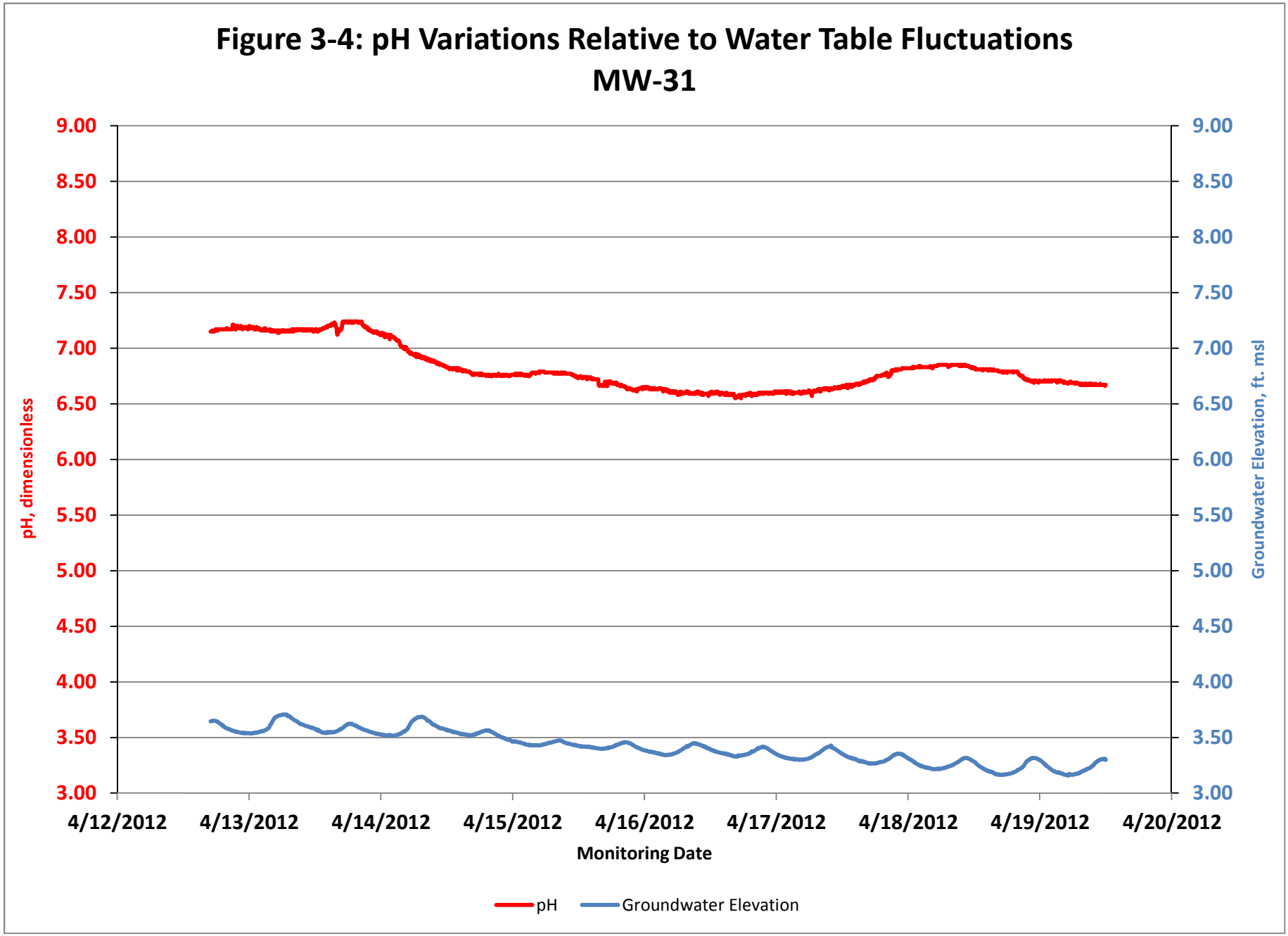


Figure 3-4: pH Variations Relative to Water Table Fluctuations
MW-31
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
pH, dimensionless
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
pH
Groundwater Elevation

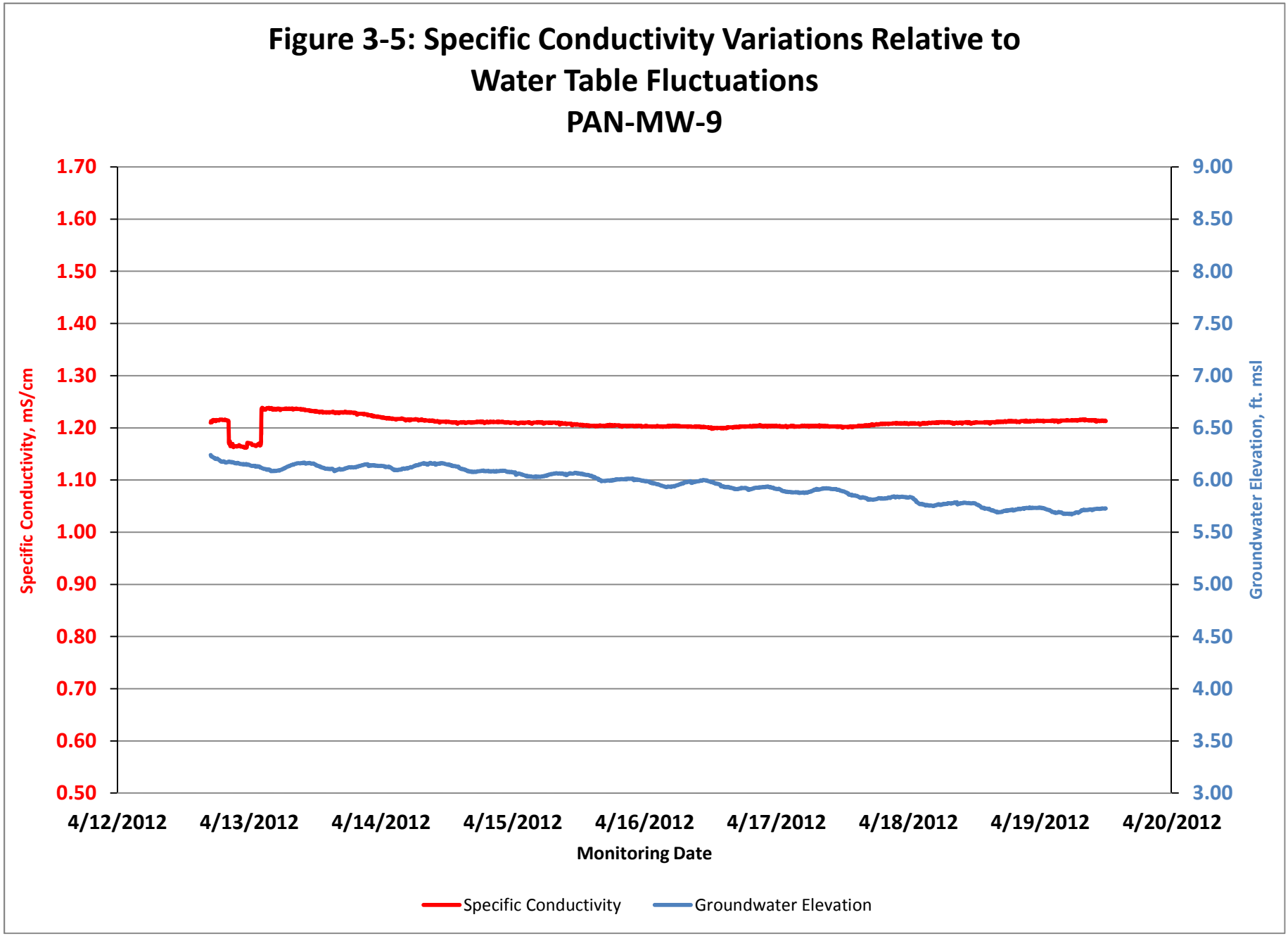


Figure 3-5: Specific Conductivity Variations Relative to Water Table Fluctuations
PAN-MW-9
Specific Conductivity, mS/cm
1.70
1.60
1.50
1.40
1.30
1.20
1.10
1.00
0.90
0.80
0.70
0.60
0.50
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Specific Conductivity
Groundwater Elevation

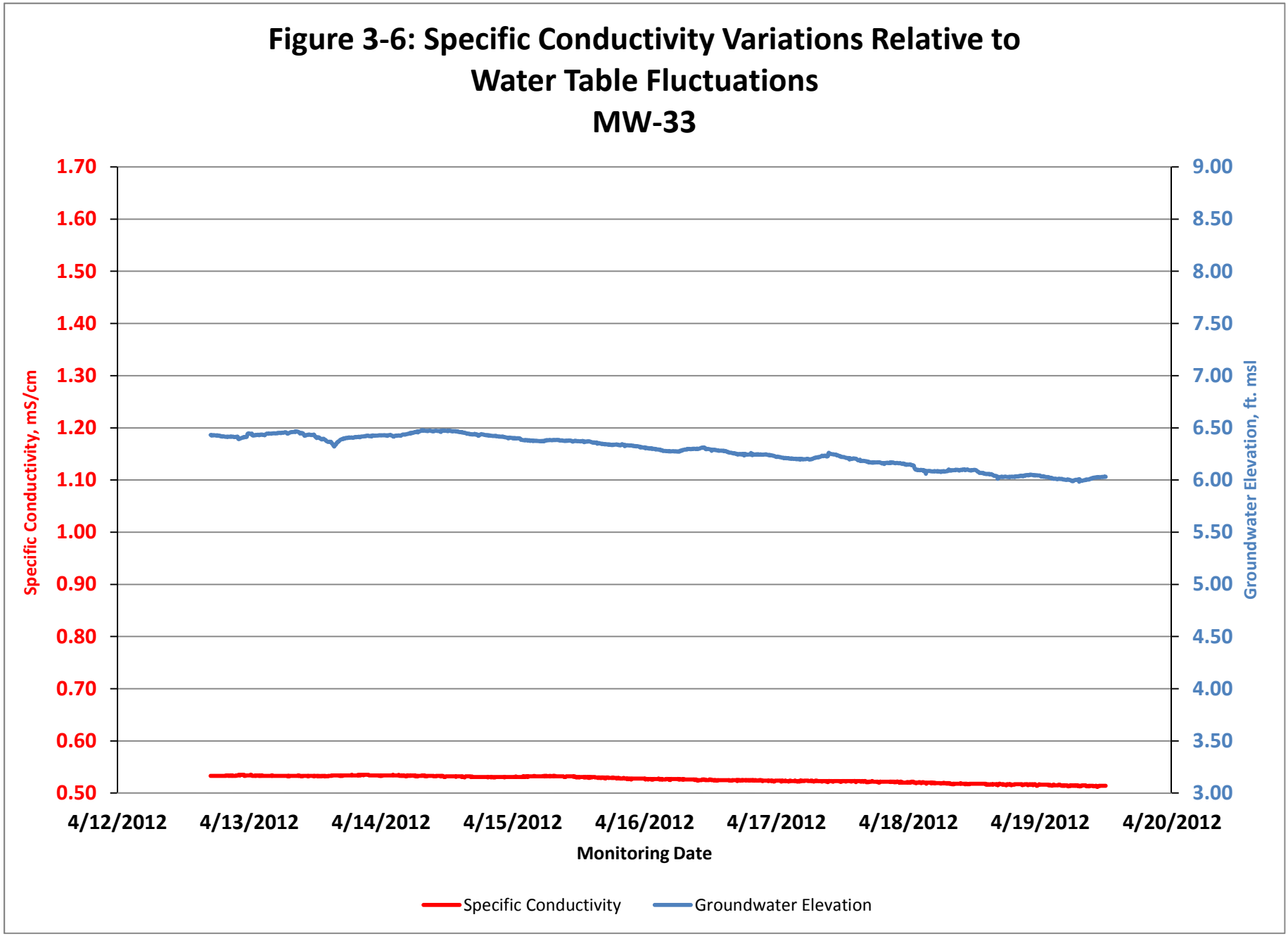


Figure 3-6: Specific Conductivity Variations Relative to Water Table Fluctuations
MW-33
Specific Conductivity, mS/cm
1.70
1.60
1.50
1.40
1.30
1.20
1.10
1.00
0.90
0.80
0.70
0.60
0.50
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Specific Conductivity
Groundwater Elevation

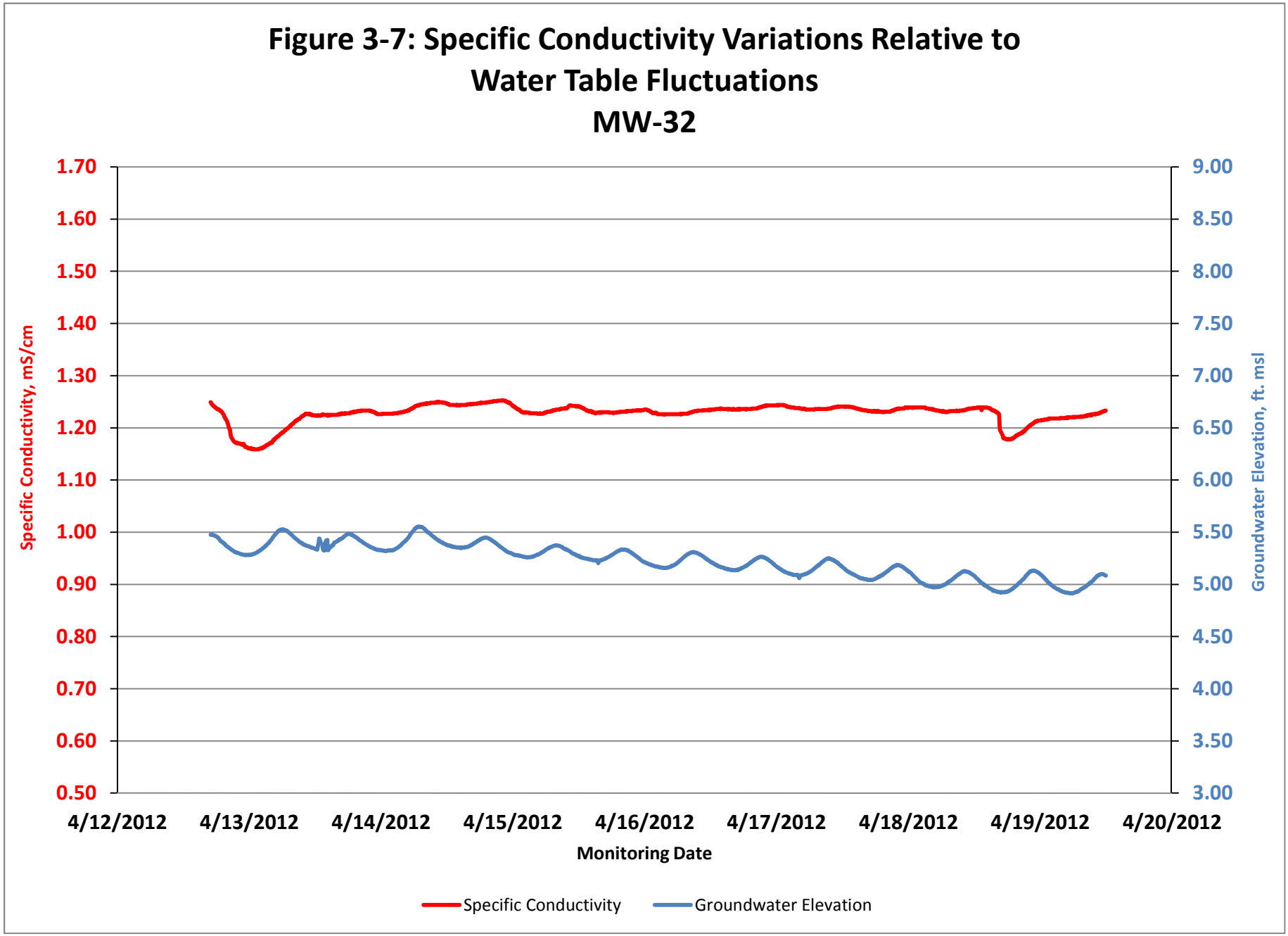


Figure 3-7: Specific Conductivity Variations Relative to Water Table Fluctuations
MW-32
Specific Conductivity, mS/cm
1.70
1.60
1.50
1.40
1.30
1.20
1.10
1.00
0.90
0.80
0.70
0.60
0.50
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Specific Conductivity
Groundwater Elevation

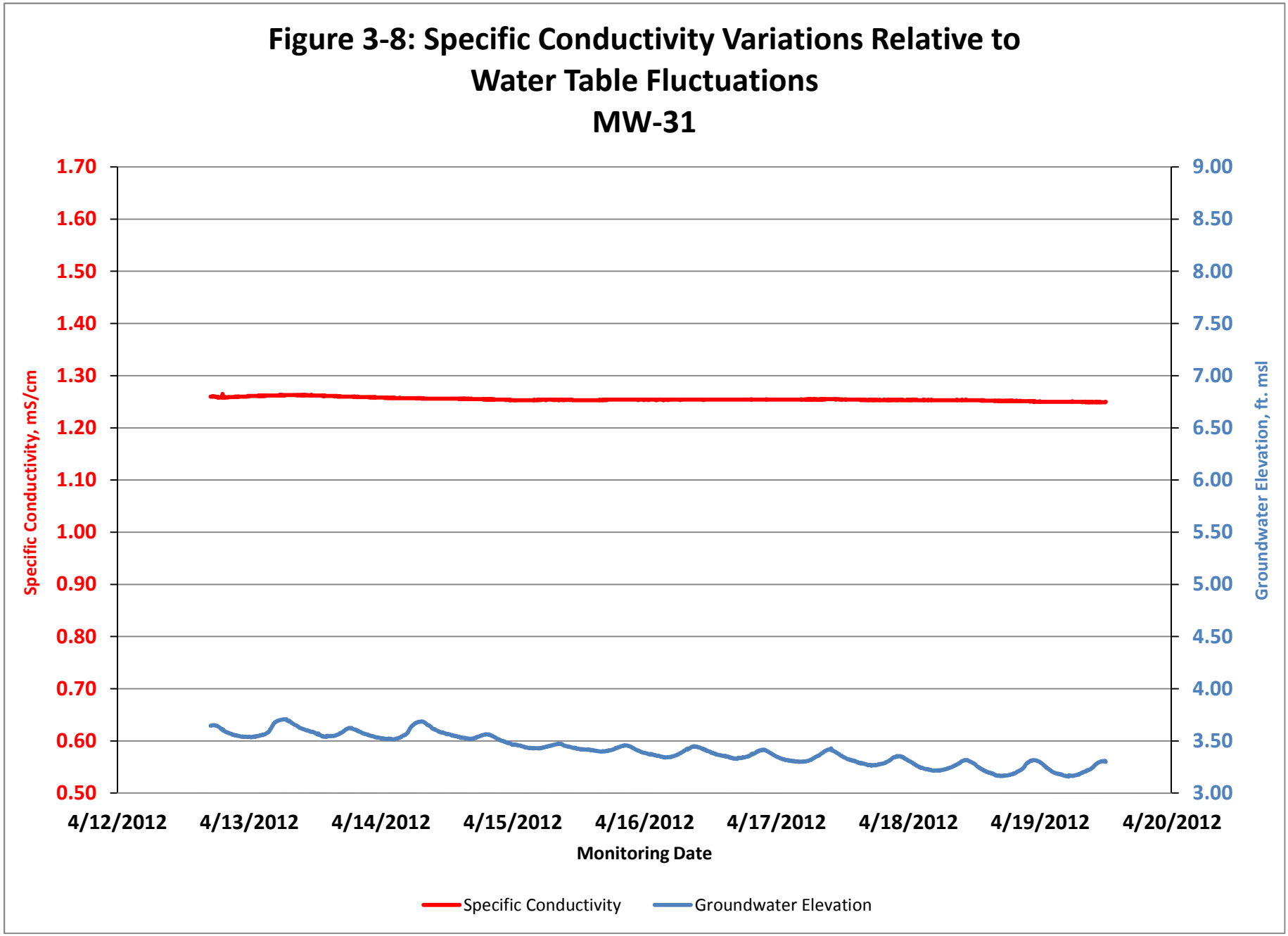


Figure 3-8: Specific Conductivity Variations Relative to Water Table Fluctuations
MW-31
Specific Conductivity, mS/cm
1.70
1.60
1.50
1.40
1.30
1.20
1.10
1.00
0.90
0.80
0.70
0.60
0.50
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Specific Conductivity
Groundwater Elevation

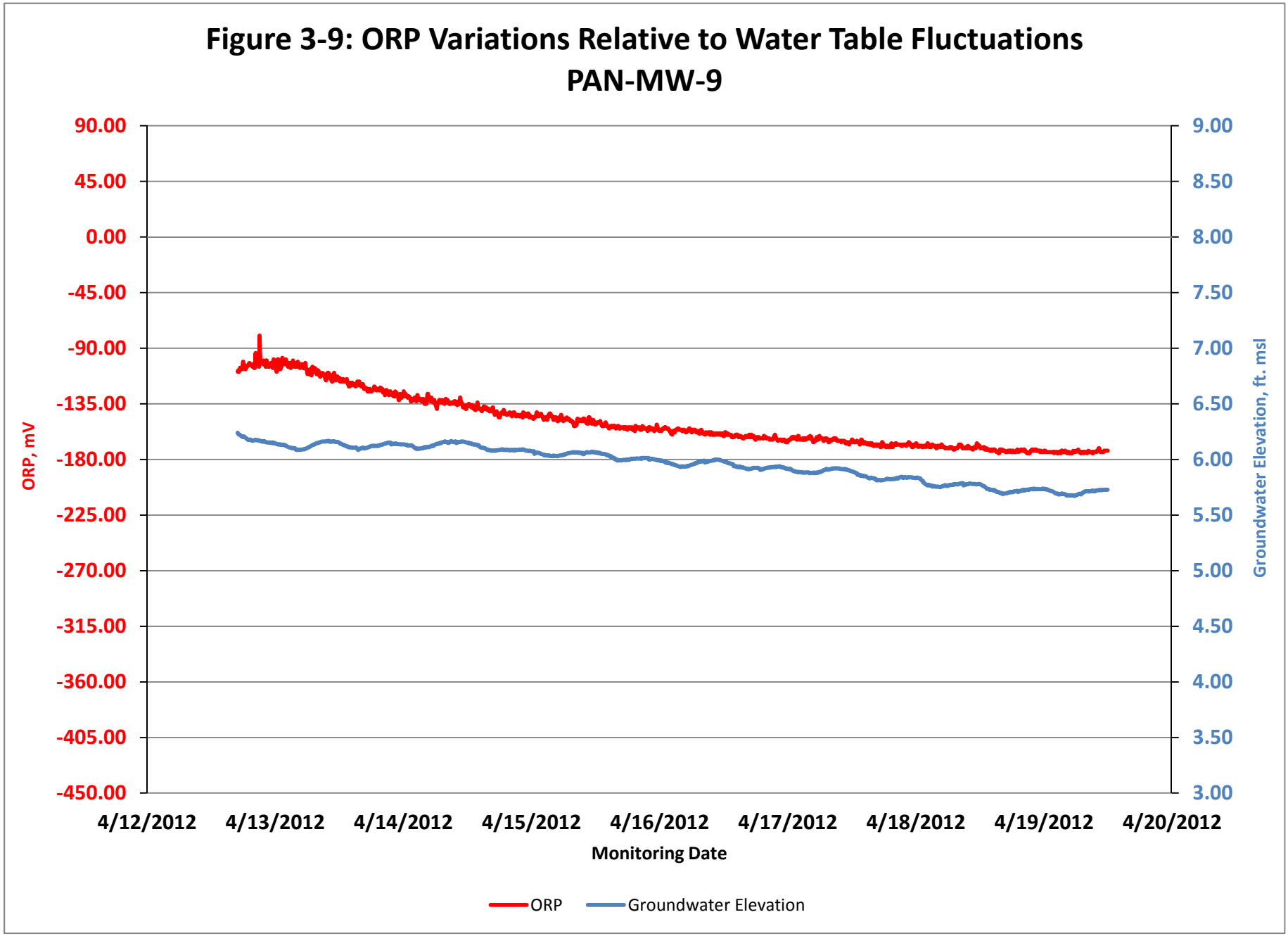


Figure 3-9: ORP Variations Relative to Water Table Fluctuations
PAN-MW-9
90.00
45.00
0.00
-45.00
-90.00
-135.00
-180.00
-225.00
-270.00
-315.00
-360.00
-405.00
-450.00
ORP, mV
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
ORP
Groundwater Elevation

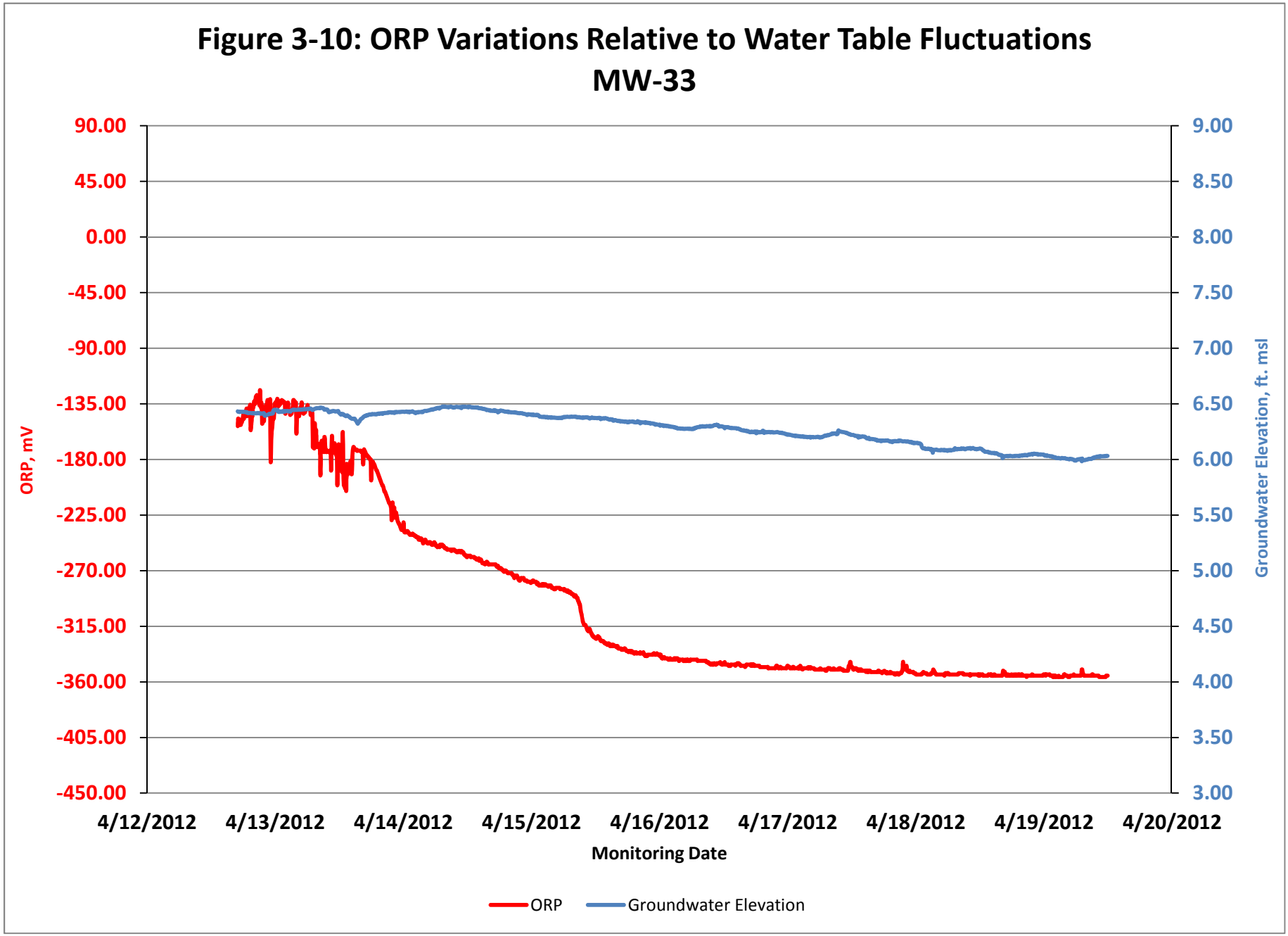


Figure 3-10: ORP Variations Relative to Water Table Fluctuations
MW-33
90.00
45.00
0.00
-45.00
-90.00
-135.00
-180.00
-225.00
-270.00
-315.00
-360.00
-405.00
-450.00
ORP, mV
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
ORP
Groundwater Elevation

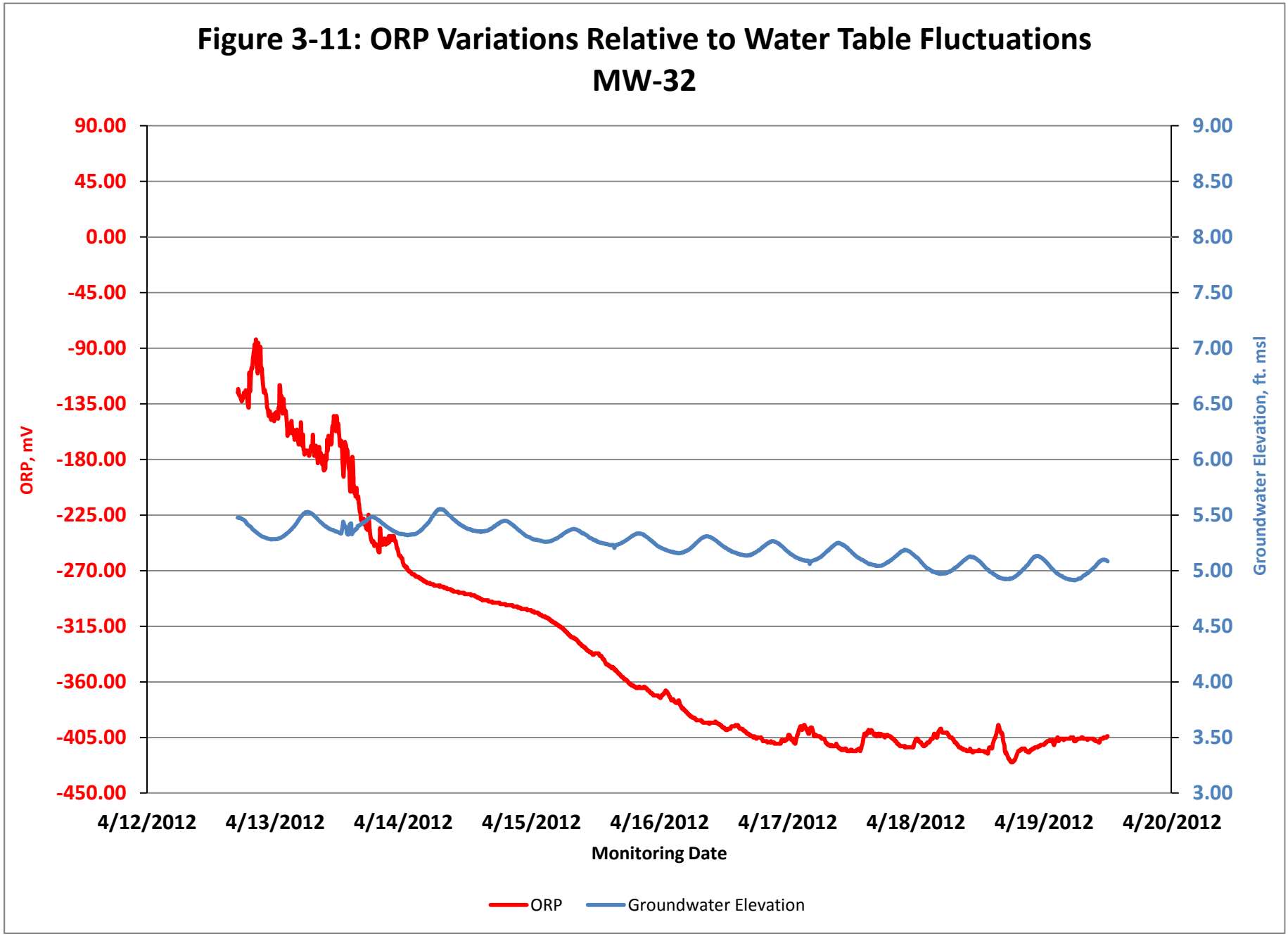


Figure 3-11: ORP Variations Relative to Water Table Fluctuations
MW-32
90.00
45.00
0.00
-45.00
-90.00
-135.00
-180.00
-225.00
-270.00
-315.00
-360.00
-405.00
-450.00
ORP, mV
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
ORP
Groundwater Elevation

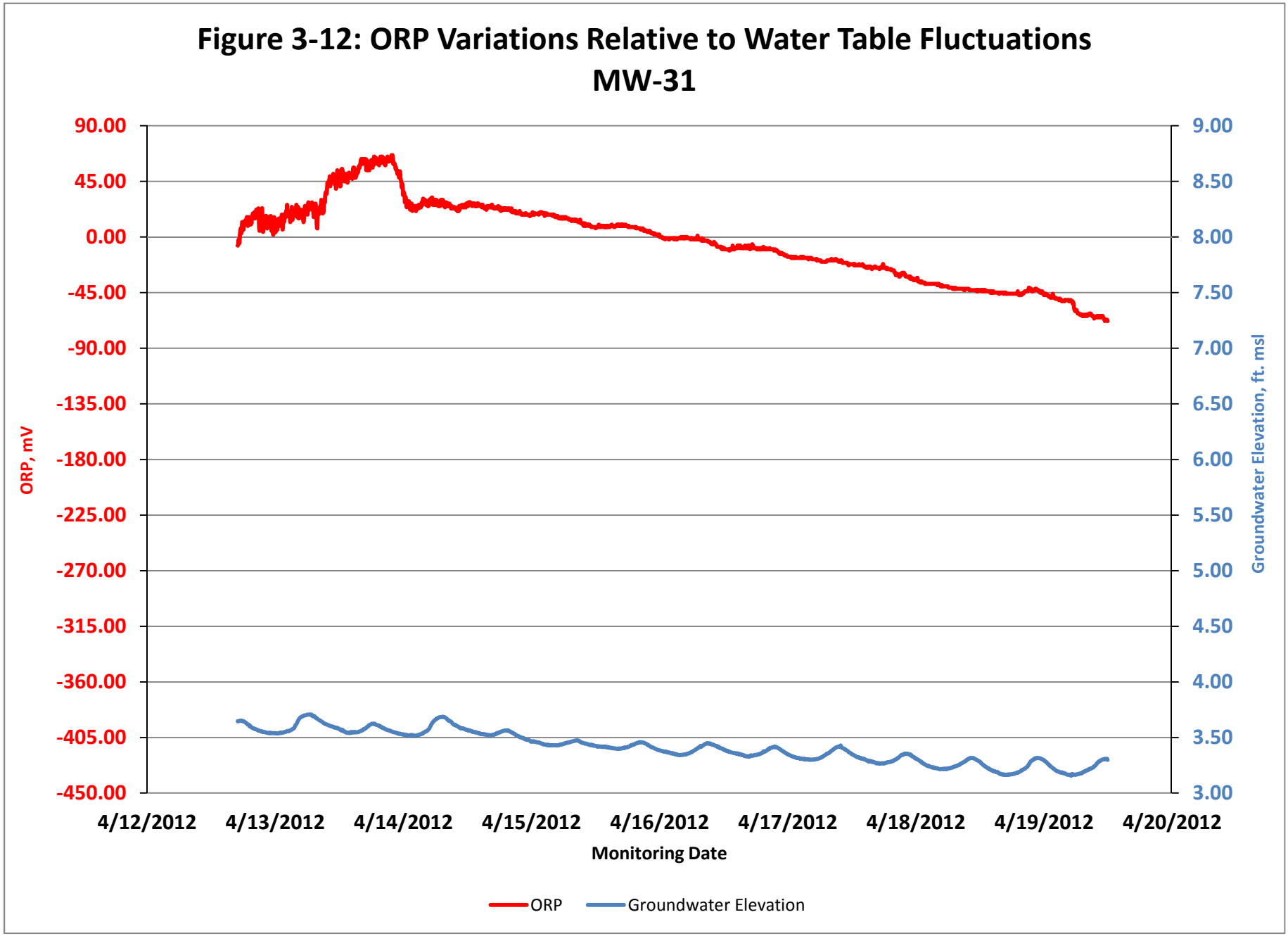


Figure 3-12: ORP Variations Relative to Water Table Fluctuations
MW-31
90.00
45.00
0.00
-45.00
-90.00
-135.00
-180.00
-225.00
-270.00
-315.00
-360.00
-405.00
-450.00
ORP, mV
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
ORP
Groundwater Elevation

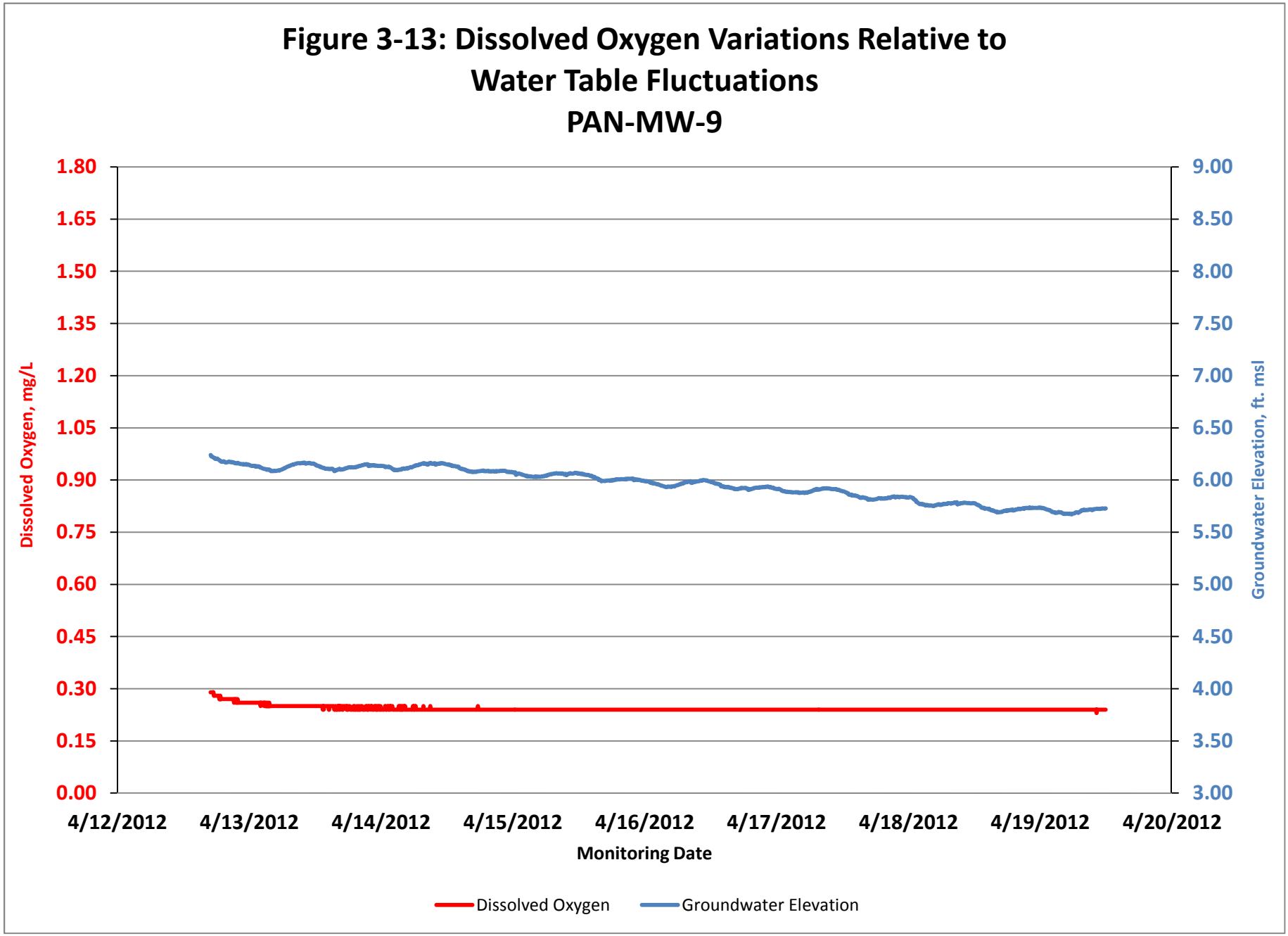


Figure 3-13: Dissolved Oxygen Variations Relative to Water Table Fluctuations
PAN-MW-9
Dissolved Oxygen, mg/L
1.80
1.65
1.50
1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Dissolved Oxygen
Groundwater Elevation

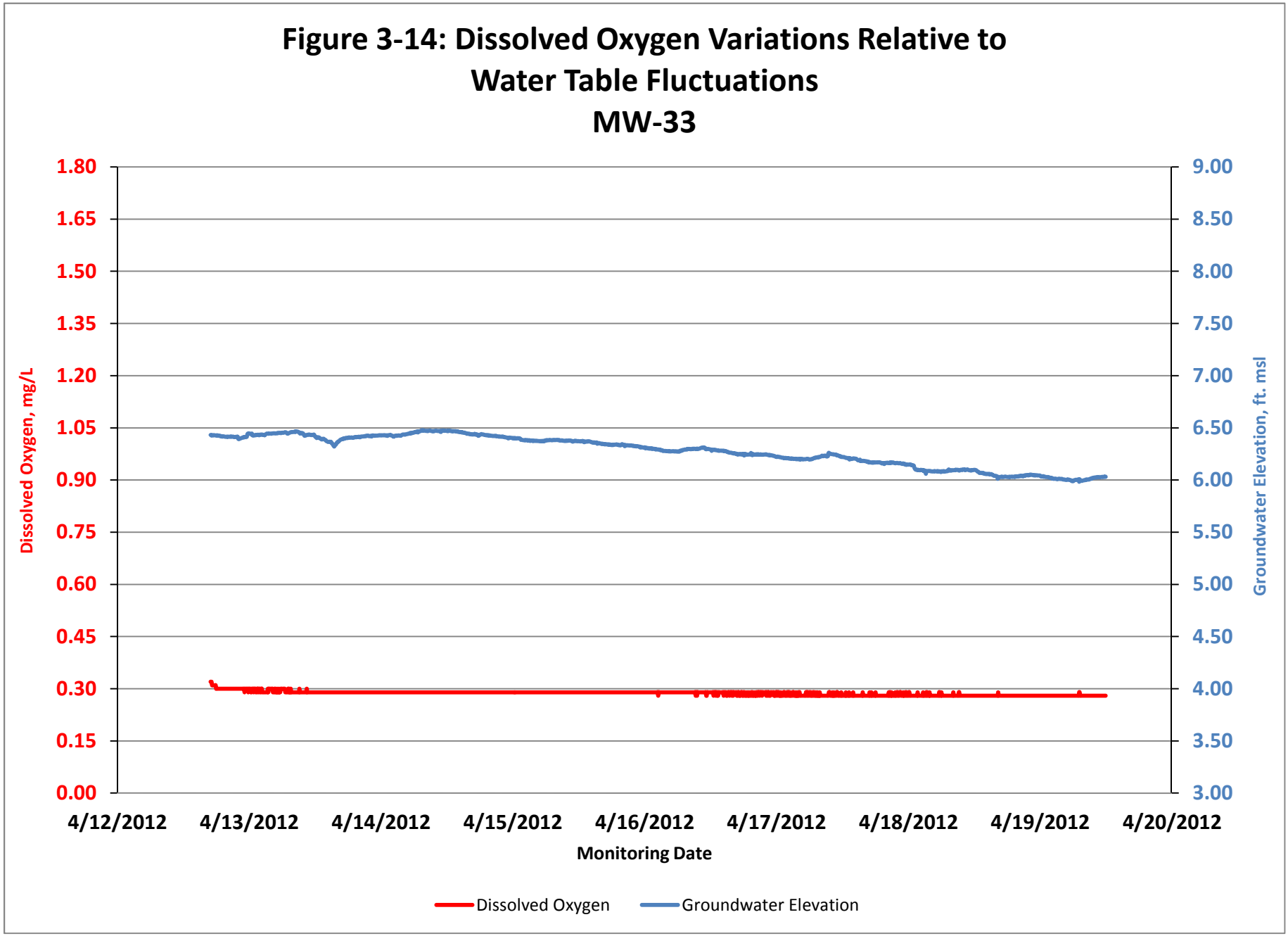


Figure 3-14: Dissolved Oxygen Variations Relative to Water Table Fluctuations
MW-33
Dissolved Oxygen, mg/L
1.80
1.65
1.50
1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Dissolved Oxygen
Groundwater Elevation

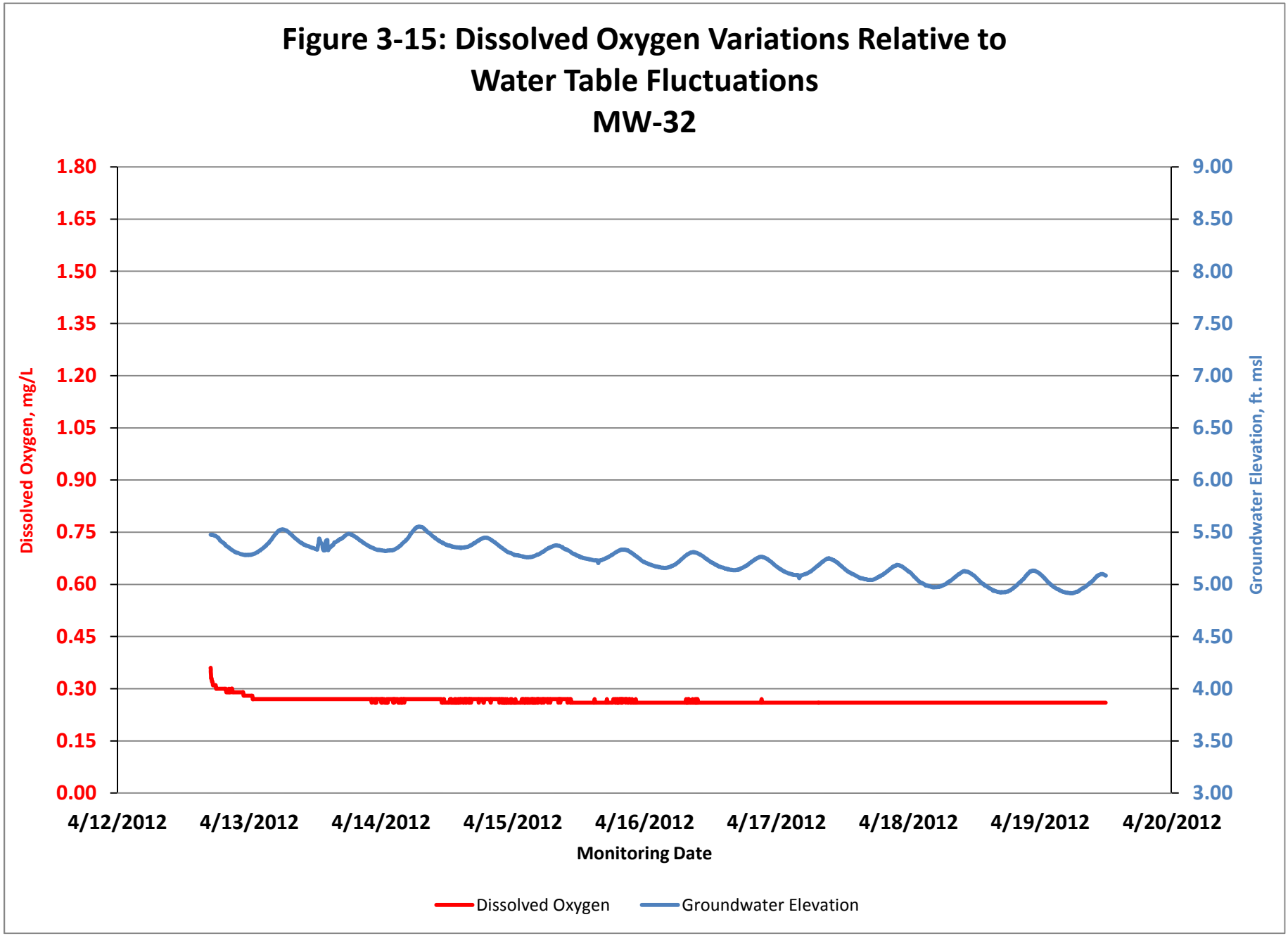


Figure 3-15: Dissolved Oxygen Variations Relative to Water Table Fluctuations
MW-32
Dissolved Oxygen, mg/L
1.80
1.65
1.50
1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Dissolved Oxygen
Groundwater Elevation

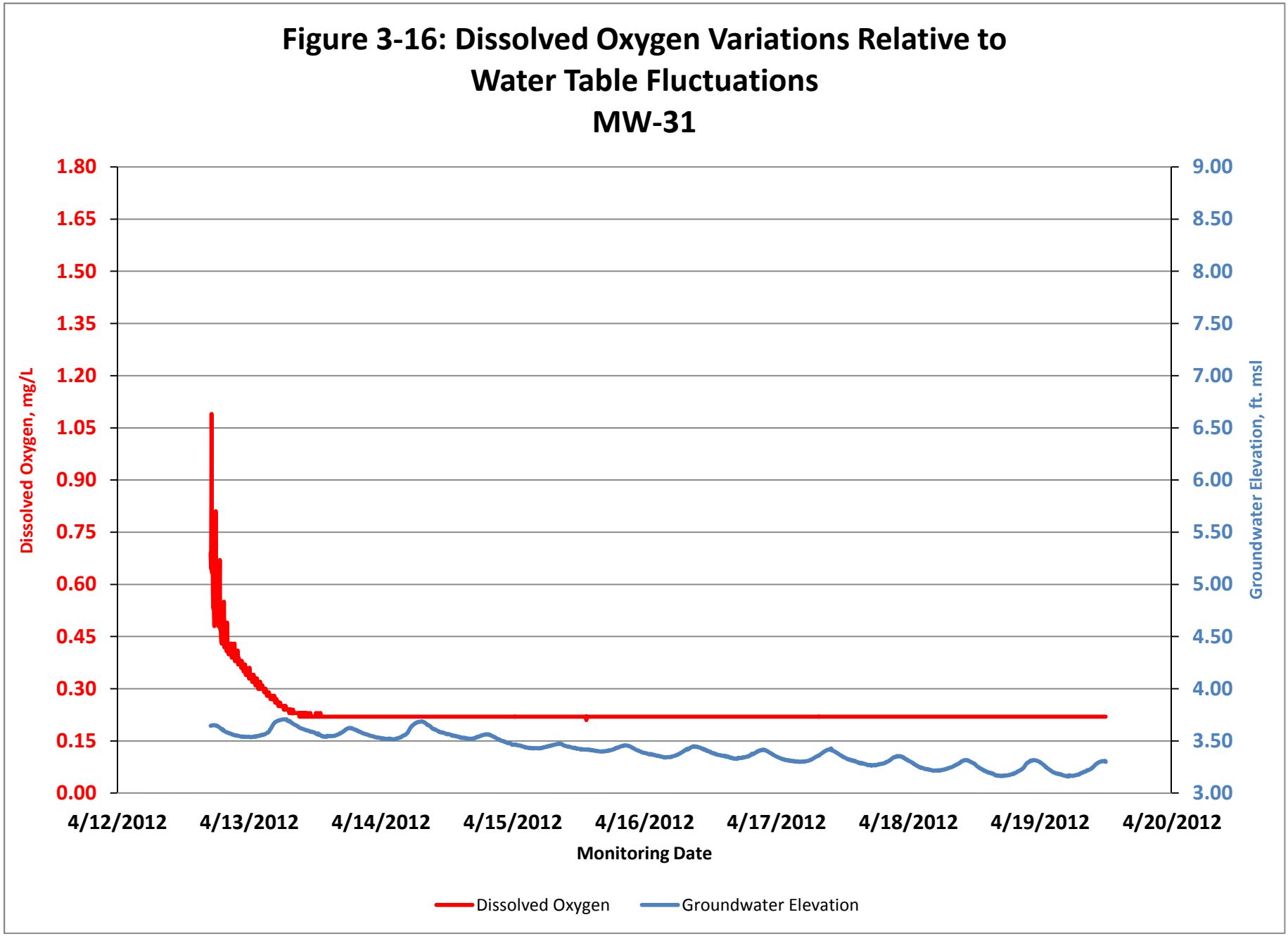


Figure 3-16: Dissolved Oxygen Variations Relative to Water Table Fluctuations
MW-31
Dissolved Oxygen, mg/L
1.80
1.65
1.50
1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Dissolved Oxygen
Groundwater Elevation

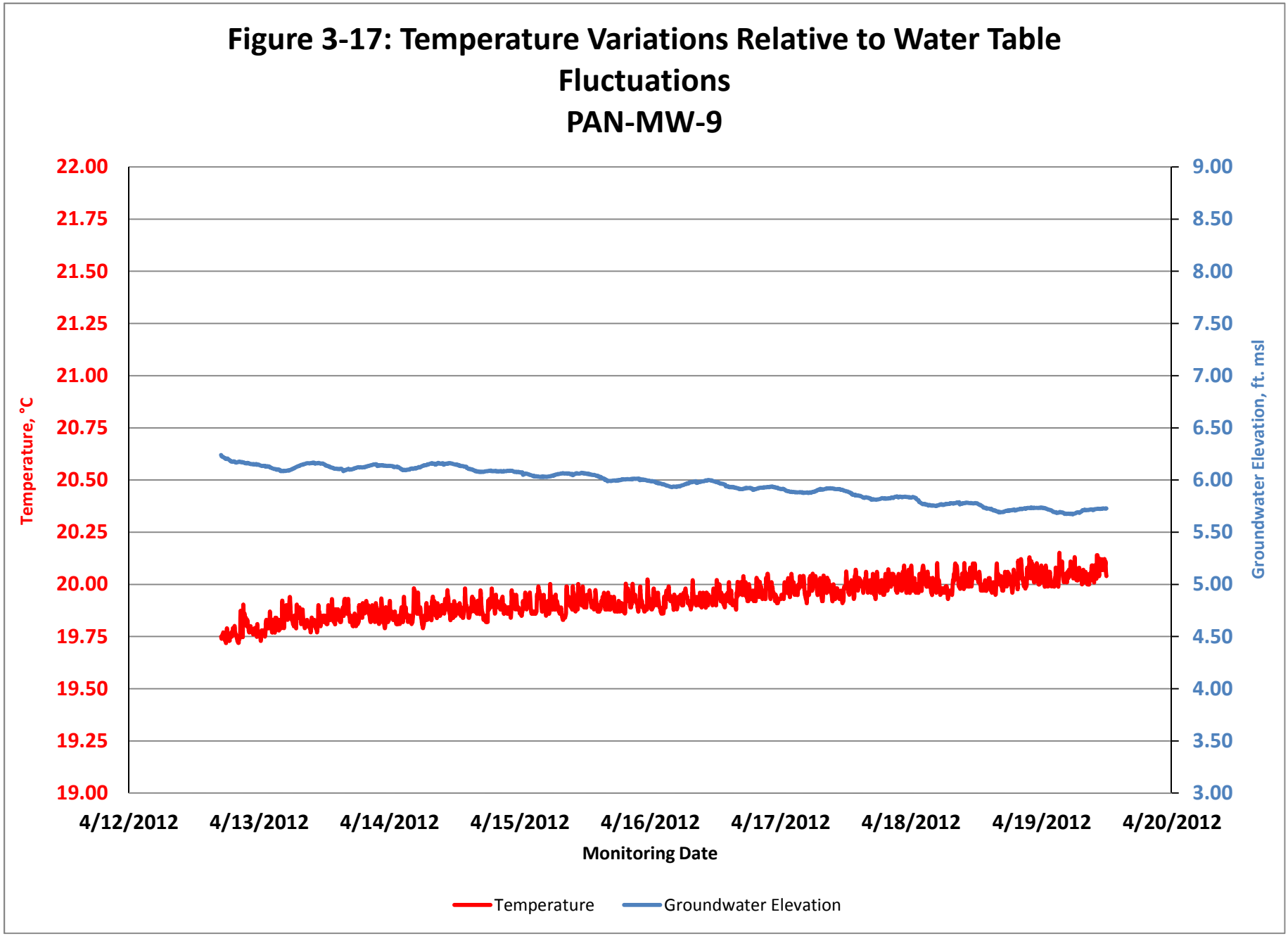


Figure 3-17: Temperature Variations Relative to Water Table Fluctuations
PAN-MW-9
Temperature, °C
22.00
21.75
21.50
21.25
21.00
20.75
20.50
20.25
20.00
19.75
19.50
19.25
19.00
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Temperature
Groundwater Elevation

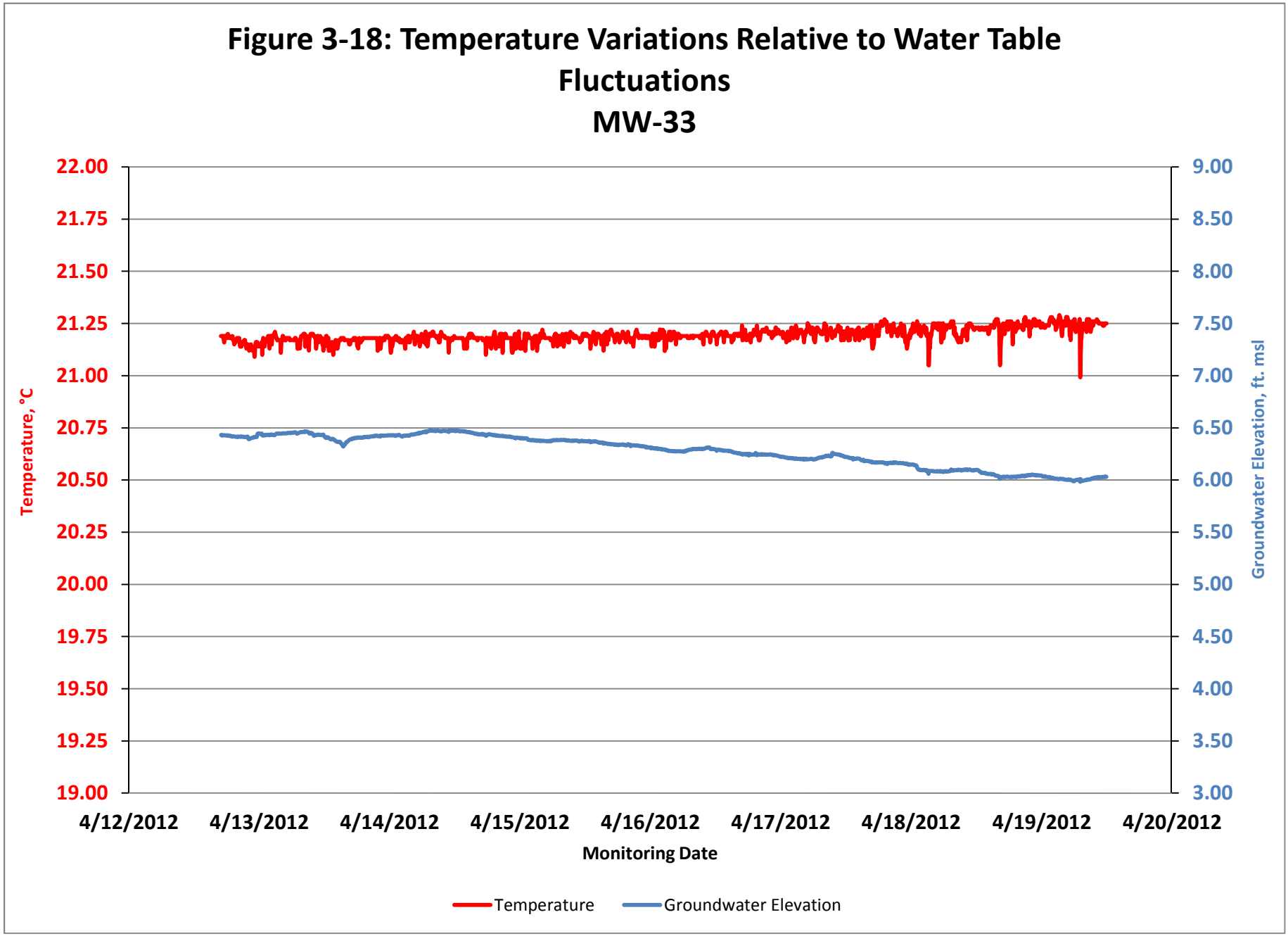


Figure 3-18: Temperature Variations Relative to Water Table Fluctuations
MW-33
22.00
21.75
21.50
21.25
21.00
20.75
20.50
20.25
20.00
19.75
19.50
19.25
19.00
Temperature, °C
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Temperature
Groundwater Elevation

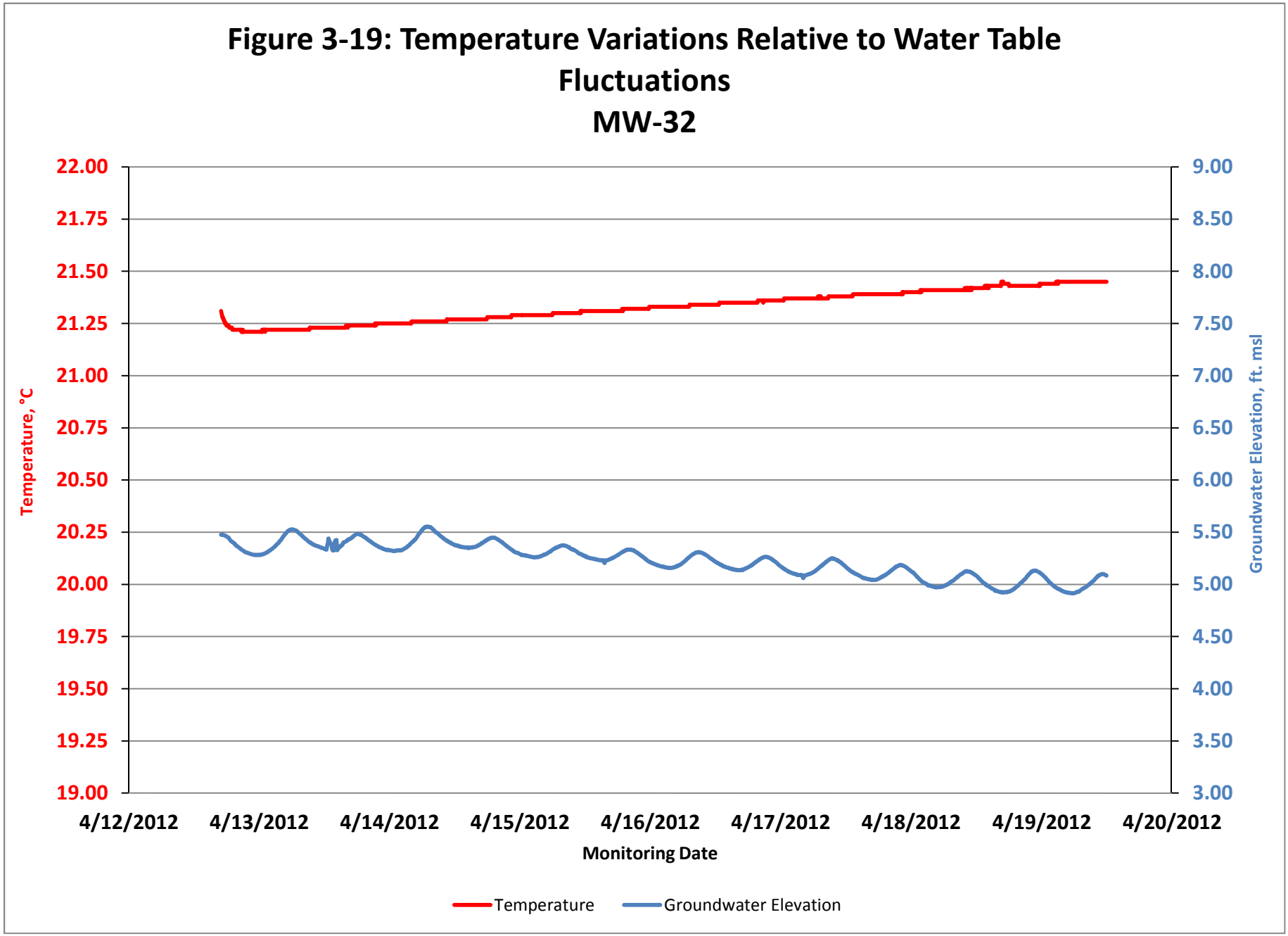


Figure 3-19: Temperature Variations Relative to Water Table Fluctuations
MW-32
22.00
21.75
21.50
21.25
21.00
20.75
20.50
20.25
20.00
19.75
19.50
19.25
19.00
Temperature, °C
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
Groundwater Elevation, ft. msl
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Temperature
Groundwater Elevation

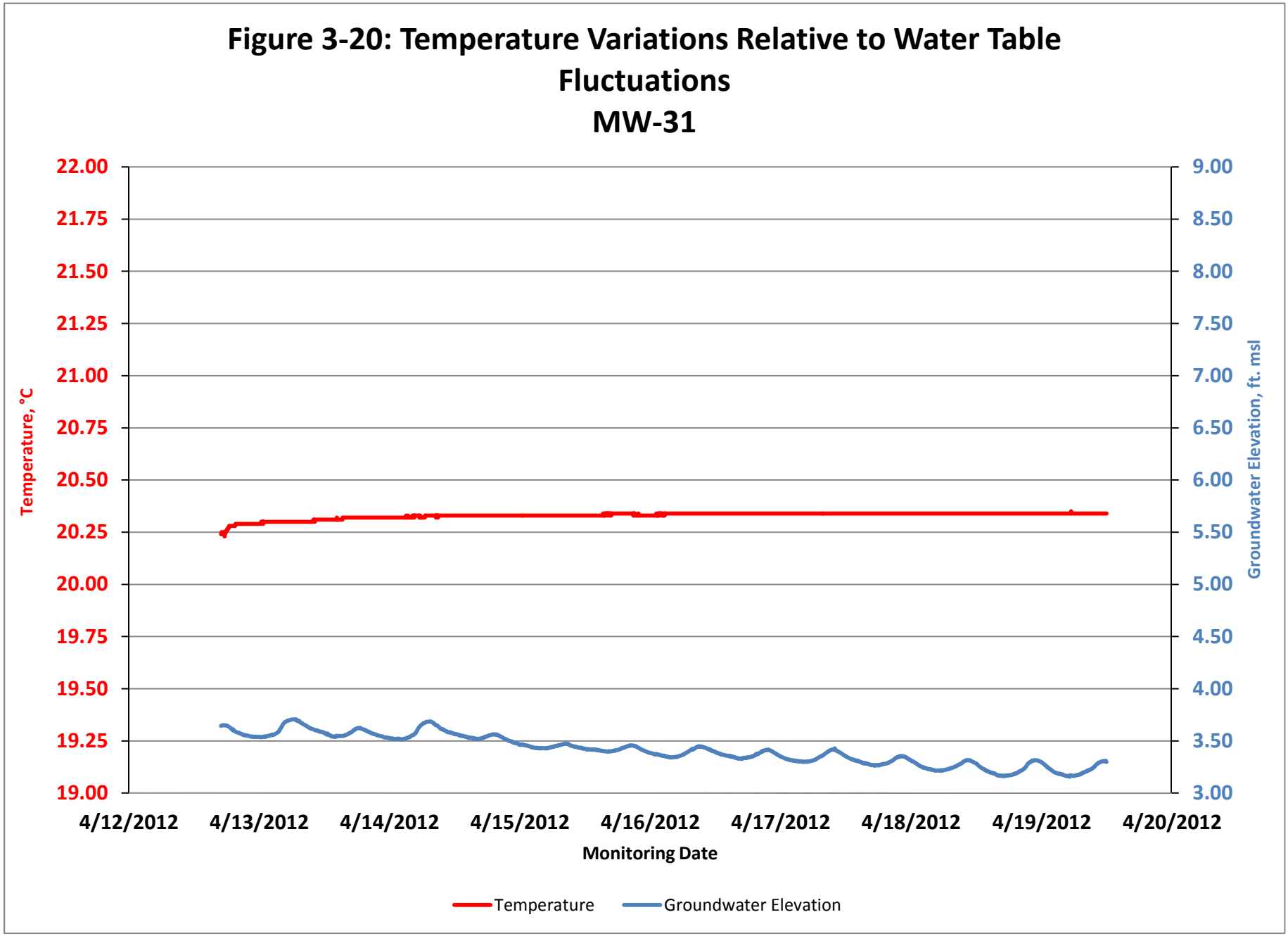


Figure 3-20: Temperature Variations Relative to Water Table Fluctuations
MW-31
Temperature, °C
22.00
21.75
21.50
21.25
21.00
20.75
20.50
20.25
20.00
19.75
19.50
19.25
19.00
Groundwater Elevation, ft. msl
9.00
8.50
8.00
7.50
7.00
6.50
6.00
5.50
5.00
4.50
4.00
3.50
3.00
4/12/2012
4/13/2012
4/14/2012
4/15/2012
4/16/2012
4/17/2012
4/18/2012
4/19/2012
4/20/2012
Monitoring Date
Temperature
Groundwater Elevation

# ATTACHMENT A

VOPAK-5-MW-31

| Date | Time | Temp | SpCond | PressureA | Depth | pH | pHmV | ORP | ODO% | ODO Conc |
|---|---|---|---|---|---|---|---|---|---|---|
| M/D/Y | hh:mm:ss | C | mS/cm | psia | ft | | mV | mV | % | mg/L |
| 4/12/2012 | 13:30:24 | 23.4 | 0.001 | 14.21 | 1.499 | 6.84 | 39.7 | 85 | 101.9 | 8.68 |
| 4/12/2012 | 13:35:24 | 23.58 | 0.001 | 14.21 | 1.507 | 6.44 | 62.9 | 96 | 101.6 | 8.62 |
| 4/12/2012 | 13:40:24 | 23.54 | 0.002 | 14.21 | 1.506 | 6.49 | 59.8 | 97 | 101.4 | 8.61 |
| 4/12/2012 | 13:45:24 | 23.52 | 0.002 | 14.21 | 1.504 | 6.51 | 59.1 | 97 | 101.8 | 8.65 |
| 4/12/2012 | 13:50:24 | 23.52 | 0.002 | 14.21 | 1.504 | 6.51 | 58.7 | 97 | 101.8 | 8.65 |
| 4/12/2012 | 13:55:24 | 23.55 | 0.002 | 14.21 | 1.506 | 6.51 | 58.7 | 98 | 101.9 | 8.65 |
| 4/12/2012 | 14:00:24 | 23.52 | 0.002 | 14.21 | 1.509 | 6.59 | 54.3 | 98 | 101.7 | 8.64 |
| 4/12/2012 | 14:05:24 | 23.6 | 0.002 | 14.21 | 1.508 | 6.52 | 58.4 | 99 | 101.9 | 8.64 |
| 4/12/2012 | 14:10:24 | 23.76 | 0.002 | 14.21 | 1.502 | 6.52 | 58.1 | 102 | 102.1 | 8.64 |
| 4/12/2012 | 14:15:24 | 23.94 | 0.001 | 14.21 | 1.503 | 6.52 | 58.2 | 105 | 102.3 | 8.62 |
| 4/12/2012 | 14:20:24 | 24.1 | 0.001 | 14.21 | 1.504 | 6.5 | 59.4 | 107 | 102.5 | 8.61 |
| 4/12/2012 | 14:25:24 | 24.23 | 0.001 | 14.22 | 1.526 | 6.48 | 60.6 | 109 | 102.7 | 8.61 |
| 4/12/2012 | 14:30:24 | 24.32 | 0.001 | 14.21 | 1.504 | 6.46 | 62.1 | 110 | 102.8 | 8.6 |
| 4/12/2012 | 14:35:24 | 24.39 | 0.001 | 14.21 | 1.502 | 6.45 | 62.7 | 111 | 102.9 | 8.6 |
| 4/12/2012 | 14:40:24 | 24.42 | 0.001 | 14.21 | 1.506 | 6.43 | 63.8 | 111 | 102.7 | 8.58 |
| 4/12/2012 | 14:45:24 | 24.47 | 0.001 | 14.21 | 1.501 | 6.42 | 64.3 | 112 | 102.9 | 8.59 |
| 4/12/2012 | 14:50:24 | 23.4 | 0 | 14.21 | 1.498 | 3.41 | 240.9 | 339 | 93.9 | 8 |
| 4/12/2012 | 14:55:24 | 20.48 | 1.26 | 18.97 | 12.514 | 6.71 | 46.8 | 33 | 11.5 | 1.03 |
| 4/12/2012 | 15:00:24 | 20.52 | 1.261 | 18.95 | 12.458 | 6.77 | 43.4 | 15 | 15.5 | 1.39 |
| 4/12/2012 | 15:05:24 | 20.48 | 1.261 | 18.94 | 12.45 | 6.9 | 36.2 | 4 | 11.4 | 1.03 |
| 4/12/2012 | 15:10:24 | 20.44 | 1.261 | 18.94 | 12.443 | 6.97 | 32.2 | -1 | 20.9 | 1.88 |
| 4/12/2012 | 15:15:24 | 20.42 | 1.261 | 18.94 | 12.437 | 7.01 | 29.8 | -7 | 19 | 1.71 |
| 4/12/2012 | 15:20:24 | 20.39 | 1.261 | 18.94 | 12.435 | 7.03 | 28.3 | -7 | 39.2 | 3.53 |
| 4/12/2012 | 15:25:24 | 20.37 | 1.261 | 18.94 | 12.435 | 7.05 | 27.2 | -8 | 15.4 | 1.38 |
| 4/12/2012 | 15:30:24 | 20.35 | 1.261 | 18.93 | 12.431 | 7.06 | 26.7 | -9 | 17.5 | 1.57 |
| 4/12/2012 | 15:35:24 | 20.33 | 1.261 | 18.93 | 12.433 | 7.07 | 26.1 | -10 | 10.7 | 0.96 |
| 4/12/2012 | 15:40:24 | 20.32 | 1.261 | 18.94 | 12.435 | 7.08 | 25.7 | -14 | 7.7 | 0.7 |
| 4/12/2012 | 15:45:24 | 20.3 | 1.261 | 18.94 | 12.435 | 7.09 | 25.1 | -11 | 8.8 | 0.79 |
| 4/12/2012 | 15:50:24 | 20.29 | 1.261 | 18.94 | 12.441 | 7.1 | 24.6 | -14 | 7.2 | 0.64 |
| 4/12/2012 | 15:55:24 | 20.27 | 1.261 | 18.94 | 12.446 | 7.11 | 24.1 | -12 | 8.5 | 0.77 |
| 4/12/2012 | 16:00:24 | 20.26 | 1.261 | 18.94 | 12.45 | 7.11 | 23.8 | -5 | 6.9 | 0.62 |
| 4/12/2012 | 16:05:24 | 20.26 | 1.261 | 18.94 | 12.45 | 7.12 | 23.4 | -5 | 11.1 | 1 |
| 4/12/2012 | 16:10:24 | 20.25 | 1.261 | 18.94 | 12.452 | 7.12 | 23.2 | -2 | 9.6 | 0.87 |
| 4/12/2012 | 16:15:24 | 20.24 | 1.261 | 18.95 | 12.459 | 7.12 | 22.9 | -1 | 19.3 | 1.74 |
| 4/12/2012 | 16:20:24 | 20.24 | 1.261 | 18.95 | 12.459 | 7.13 | 22.7 | 0 | 8.7 | 0.78 |
| 4/12/2012 | 16:25:24 | 20.24 | 1.261 | 18.95 | 12.462 | 7.13 | 22.5 | -4 | 10.2 | 0.92 |
| 4/12/2012 | 16:30:24 | 20.23 | 1.261 | 18.95 | 12.467 | 7.14 | 22.3 | -6 | 6.8 | 0.62 |
| 4/12/2012 | 16:35:24 | 20.22 | 1.261 | 18.95 | 12.47 | 7.14 | 22.2 | -6 | 5.8 | 0.52 |
| 4/12/2012 | 16:40:24 | 20.23 | 1.261 | 18.95 | 12.469 | 7.14 | 22.2 | -1 | 6.3 | 0.57 |
| 4/12/2012 | 16:45:24 | 20.24 | 1.26 | 18.95 | 12.472 | 7.14 | 22.1 | -2 | 5.6 | 0.5 |
| 4/12/2012 | 16:50:24 | 20.25 | 1.26 | 18.95 | 12.475 | 7.14 | 22 | -3 | 6.6 | 0.59 |
| 4/12/2012 | 16:55:24 | 20.24 | 1.26 | 18.95 | 12.479 | 7.15 | 21.4 | -10 | 5.8 | 0.53 |
| 4/12/2012 | 17:00:24 | 20.24 | 1.26 | 18.95 | 12.475 | 7.15 | 21.4 | -7 | 7.7 | 0.69 |
| 4/12/2012 | 17:05:24 | 20.25 | 1.26 | 18.95 | 12.477 | 7.15 | 21.5 | -6 | 7.2 | 0.65 |
| 4/12/2012 | 17:10:24 | 20.25 | 1.26 | 18.95 | 12.477 | 7.15 | 21.4 | -2 | 12.1 | 1.09 |
| 4/12/2012 | 17:15:24 | 20.25 | 1.26 | 18.95 | 12.479 | 7.15 | 21.5 | -5 | 7.1 | 0.64 |
| 4/12/2012 | 17:20:24 | 20.25 | 1.26 | 18.96 | 12.48 | 7.16 | 21.1 | -5 | 7.7 | 0.7 |
| 4/12/2012 | 17:25:24 | 20.25 | 1.261 | 18.96 | 12.481 | 7.15 | 21.5 | 2 | 6.3 | 0.57 |
| 4/12/2012 | 17:30:24 | 20.25 | 1.26 | 18.96 | 12.481 | 7.15 | 21.4 | 5 | 5.9 | 0.53 |
| 4/12/2012 | 17:35:24 | 20.24 | 1.26 | 18.96 | 12.481 | 7.15 | 21.3 | 7 | 6 | 0.54 |
| 4/12/2012 | 17:40:24 | 20.23 | 1.26 | 18.96 | 12.48 | 7.15 | 21.2 | 3 | 5.3 | 0.48 |
| 4/12/2012 | 17:45:24 | 20.25 | 1.26 | 18.96 | 12.481 | 7.16 | 21 | 4 | 6.2 | 0.56 |
| 4/12/2012 | 17:50:24 | 20.25 | 1.26 | 18.95 | 12.479 | 7.16 | 20.8 | 12 | 6.3 | 0.57 |
| 4/12/2012 | 17:55:24 | 20.25 | 1.26 | 18.95 | 12.477 | 7.17 | 20.6 | 12 | 9 | 0.81 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 18:00:24 | 20.26 | 1.259 | 18.95 | 12.476 | 7.16 | 20.7 | 8 | 6.5 | 0.59 |
| 4/12/2012 | 18:05:24 | 20.26 | 1.259 | 18.95 | 12.475 | 7.17 | 20.5 | 6 | 7.1 | 0.64 |
| 4/12/2012 | 18:10:24 | 20.26 | 1.259 | 18.95 | 12.476 | 7.16 | 20.6 | 10 | 5.8 | 0.52 |
| 4/12/2012 | 18:15:24 | 20.27 | 1.259 | 18.95 | 12.472 | 7.16 | 20.7 | 12 | 5.5 | 0.49 |
| 4/12/2012 | 18:20:24 | 20.27 | 1.258 | 18.95 | 12.469 | 7.16 | 20.7 | 13 | 5.5 | 0.5 |
| 4/12/2012 | 18:25:24 | 20.27 | 1.259 | 18.95 | 12.466 | 7.17 | 20.5 | 13 | 5.3 | 0.48 |
| 4/12/2012 | 18:30:24 | 20.28 | 1.258 | 18.95 | 12.464 | 7.17 | 20.5 | 13 | 5.7 | 0.52 |
| 4/12/2012 | 18:35:24 | 20.28 | 1.258 | 18.95 | 12.46 | 7.17 | 20.4 | 14 | 5.5 | 0.5 |
| 4/12/2012 | 18:40:24 | 20.28 | 1.258 | 18.95 | 12.457 | 7.17 | 20.2 | 15 | 7.4 | 0.67 |
| 4/12/2012 | 18:45:24 | 20.28 | 1.258 | 18.94 | 12.454 | 7.17 | 20.4 | 16 | 5.2 | 0.47 |
| 4/12/2012 | 18:50:24 | 20.28 | 1.258 | 18.94 | 12.448 | 7.17 | 20.3 | 11 | 5.2 | 0.47 |
| 4/12/2012 | 18:55:24 | 20.28 | 1.258 | 18.94 | 12.445 | 7.17 | 20.3 | 9 | 4.8 | 0.44 |
| 4/12/2012 | 19:00:24 | 20.28 | 1.258 | 18.94 | 12.442 | 7.17 | 20.4 | 14 | 4.8 | 0.43 |
| 4/12/2012 | 19:05:24 | 20.28 | 1.258 | 18.94 | 12.44 | 7.17 | 20.3 | 16 | 4.9 | 0.44 |
| 4/12/2012 | 19:10:24 | 20.28 | 1.265 | 18.94 | 12.443 | 7.17 | 20.3 | 12 | 4.8 | 0.43 |
| 4/12/2012 | 19:15:24 | 20.28 | 1.258 | 18.93 | 12.43 | 7.17 | 20.4 | 10 | 5.3 | 0.48 |
| 4/12/2012 | 19:20:24 | 20.28 | 1.259 | 18.93 | 12.432 | 7.17 | 20.4 | 10 | 5 | 0.45 |
| 4/12/2012 | 19:25:24 | 20.28 | 1.259 | 18.93 | 12.428 | 7.17 | 20.1 | 10 | 6.1 | 0.55 |
| 4/12/2012 | 19:30:24 | 20.28 | 1.258 | 18.93 | 12.425 | 7.17 | 20.3 | 13 | 4.7 | 0.42 |
| 4/12/2012 | 19:35:24 | 20.28 | 1.259 | 18.93 | 12.421 | 7.17 | 20.2 | 11 | 4.7 | 0.43 |
| 4/12/2012 | 19:40:24 | 20.29 | 1.259 | 18.93 | 12.419 | 7.17 | 20.3 | 15 | 4.6 | 0.42 |
| 4/12/2012 | 19:45:24 | 20.29 | 1.258 | 18.93 | 12.416 | 7.17 | 20.2 | 17 | 4.7 | 0.42 |
| 4/12/2012 | 19:50:24 | 20.29 | 1.258 | 18.93 | 12.414 | 7.17 | 20.1 | 19 | 4.8 | 0.43 |
| 4/12/2012 | 19:55:24 | 20.29 | 1.258 | 18.93 | 12.413 | 7.18 | 20 | 19 | 4.6 | 0.41 |
| 4/12/2012 | 20:00:24 | 20.29 | 1.258 | 18.93 | 12.411 | 7.18 | 20 | 15 | 5.4 | 0.49 |
| 4/12/2012 | 20:05:24 | 20.29 | 1.258 | 18.92 | 12.409 | 7.17 | 20.1 | 18 | 4.6 | 0.42 |
| 4/12/2012 | 20:10:24 | 20.29 | 1.259 | 18.92 | 12.407 | 7.17 | 20.3 | 20 | 4.7 | 0.43 |
| 4/12/2012 | 20:15:24 | 20.29 | 1.259 | 18.92 | 12.408 | 7.17 | 20.3 | 15 | 4.5 | 0.4 |
| 4/12/2012 | 20:20:24 | 20.29 | 1.259 | 18.92 | 12.406 | 7.17 | 20.1 | 19 | 4.6 | 0.41 |
| 4/12/2012 | 20:25:24 | 20.29 | 1.259 | 18.92 | 12.403 | 7.17 | 20.2 | 20 | 4.5 | 0.41 |
| 4/12/2012 | 20:30:24 | 20.29 | 1.259 | 18.92 | 12.402 | 7.17 | 20.2 | 22 | 4.4 | 0.4 |
| 4/12/2012 | 20:35:24 | 20.29 | 1.259 | 18.92 | 12.4 | 7.17 | 20.1 | 17 | 4.7 | 0.42 |
| 4/12/2012 | 20:40:24 | 20.29 | 1.259 | 18.92 | 12.399 | 7.17 | 20.4 | 20 | 4.5 | 0.4 |
| 4/12/2012 | 20:45:24 | 20.29 | 1.259 | 18.92 | 12.396 | 7.17 | 20.1 | 22 | 4.8 | 0.43 |
| 4/12/2012 | 20:50:24 | 20.29 | 1.259 | 18.92 | 12.395 | 7.17 | 20.3 | 23 | 4.3 | 0.39 |
| 4/12/2012 | 20:55:24 | 20.29 | 1.259 | 18.92 | 12.391 | 7.17 | 20.3 | 23 | 4.5 | 0.41 |
| 4/12/2012 | 21:00:24 | 20.29 | 1.259 | 18.92 | 12.392 | 7.21 | 18 | 8 | 4.4 | 0.39 |
| 4/12/2012 | 21:05:24 | 20.29 | 1.259 | 18.92 | 12.39 | 7.21 | 18.1 | 5 | 4.3 | 0.39 |
| 4/12/2012 | 21:10:24 | 20.29 | 1.259 | 18.92 | 12.389 | 7.21 | 18.1 | 6 | 4.4 | 0.4 |
| 4/12/2012 | 21:15:24 | 20.29 | 1.259 | 18.92 | 12.387 | 7.18 | 19.8 | 11 | 4.4 | 0.39 |
| 4/12/2012 | 21:20:24 | 20.29 | 1.259 | 18.91 | 12.385 | 7.18 | 20 | 12 | 4.8 | 0.43 |
| 4/12/2012 | 21:25:24 | 20.29 | 1.259 | 18.91 | 12.385 | 7.17 | 20.3 | 18 | 4.2 | 0.38 |
| 4/12/2012 | 21:30:24 | 20.29 | 1.26 | 18.91 | 12.382 | 7.17 | 20.2 | 21 | 4.4 | 0.4 |
| 4/12/2012 | 21:35:24 | 20.29 | 1.26 | 18.91 | 12.383 | 7.17 | 20.4 | 23 | 4.2 | 0.38 |
| 4/12/2012 | 21:40:24 | 20.29 | 1.259 | 18.91 | 12.381 | 7.2 | 18.3 | 6 | 4.2 | 0.38 |
| 4/12/2012 | 21:45:24 | 20.29 | 1.259 | 18.91 | 12.38 | 7.2 | 18.4 | 4 | 4.3 | 0.39 |
| 4/12/2012 | 21:50:24 | 20.29 | 1.26 | 18.91 | 12.382 | 7.2 | 18.8 | 8 | 4.2 | 0.38 |
| 4/12/2012 | 21:55:24 | 20.29 | 1.26 | 18.91 | 12.381 | 7.2 | 18.7 | 8 | 4.6 | 0.41 |
| 4/12/2012 | 22:00:24 | 20.29 | 1.259 | 18.91 | 12.379 | 7.18 | 19.6 | 12 | 4.1 | 0.37 |
| 4/12/2012 | 22:05:24 | 20.29 | 1.26 | 18.91 | 12.378 | 7.19 | 19.3 | 14 | 4.3 | 0.39 |
| 4/12/2012 | 22:10:24 | 20.29 | 1.26 | 18.91 | 12.377 | 7.19 | 19.1 | 13 | 4.1 | 0.37 |
| 4/12/2012 | 22:15:24 | 20.29 | 1.26 | 18.91 | 12.376 | 7.19 | 19.4 | 15 | 4.1 | 0.37 |
| 4/12/2012 | 22:20:24 | 20.29 | 1.26 | 18.91 | 12.374 | 7.18 | 19.5 | 17 | 4.1 | 0.37 |
| 4/12/2012 | 22:25:24 | 20.29 | 1.26 | 18.91 | 12.373 | 7.19 | 19.3 | 11 | 4.1 | 0.37 |
| 4/12/2012 | 22:30:24 | 20.29 | 1.26 | 18.91 | 12.372 | 7.2 | 18.7 | 7 | 4.2 | 0.38 |
| 4/12/2012 | 22:35:24 | 20.29 | 1.26 | 18.91 | 12.371 | 7.18 | 19.5 | 8 | 4 | 0.36 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 22:40:24 | 20.29 | 1.26 | 18.91 | 12.37 | 7.18 | 19.5 | 11 | 4.2 | 0.38 |
| 4/12/2012 | 22:45:24 | 20.29 | 1.26 | 18.91 | 12.372 | 7.17 | 20.1 | 16 | 4 | 0.36 |
| 4/12/2012 | 22:50:24 | 20.29 | 1.26 | 18.91 | 12.371 | 7.18 | 19.7 | 11 | 3.9 | 0.36 |
| 4/12/2012 | 22:55:24 | 20.29 | 1.26 | 18.91 | 12.372 | 7.18 | 19.9 | 16 | 4 | 0.36 |
| 4/12/2012 | 23:00:24 | 20.29 | 1.26 | 18.91 | 12.371 | 7.19 | 19.3 | 16 | 3.9 | 0.35 |
| 4/12/2012 | 23:05:24 | 20.29 | 1.26 | 18.91 | 12.368 | 7.18 | 19.5 | 12 | 4 | 0.36 |
| 4/12/2012 | 23:10:24 | 20.29 | 1.26 | 18.91 | 12.371 | 7.18 | 20 | 17 | 3.9 | 0.35 |
| 4/12/2012 | 23:15:24 | 20.29 | 1.26 | 18.91 | 12.371 | 7.19 | 18.9 | 10 | 4.1 | 0.37 |
| 4/12/2012 | 23:20:24 | 20.29 | 1.26 | 18.91 | 12.369 | 7.19 | 19.1 | 5 | 3.9 | 0.35 |
| 4/12/2012 | 23:25:24 | 20.29 | 1.26 | 18.91 | 12.37 | 7.18 | 19.7 | 15 | 3.8 | 0.34 |
| 4/12/2012 | 23:30:24 | 20.29 | 1.26 | 18.91 | 12.369 | 7.18 | 19.7 | 11 | 4 | 0.36 |
| 4/12/2012 | 23:35:24 | 20.29 | 1.26 | 18.91 | 12.368 | 7.19 | 19 | 4 | 3.8 | 0.34 |
| 4/12/2012 | 23:40:24 | 20.29 | 1.26 | 18.91 | 12.369 | 7.19 | 19.2 | 2 | 3.9 | 0.35 |
| 4/12/2012 | 23:45:24 | 20.29 | 1.261 | 18.91 | 12.369 | 7.17 | 20.1 | 14 | 3.8 | 0.34 |
| 4/12/2012 | 23:50:24 | 20.29 | 1.261 | 18.91 | 12.369 | 7.17 | 20.2 | 16 | 3.9 | 0.35 |
| 4/12/2012 | 23:55:24 | 20.29 | 1.26 | 18.91 | 12.37 | 7.18 | 19.7 | 10 | 3.8 | 0.34 |
| 4/13/2012 | 0:00:24 | 20.29 | 1.261 | 18.91 | 12.368 | 7.19 | 19 | 7 | 3.7 | 0.33 |
| 4/13/2012 | 0:05:24 | 20.29 | 1.261 | 18.91 | 12.369 | 7.2 | 18.9 | 4 | 4 | 0.36 |
| 4/13/2012 | 0:10:24 | 20.29 | 1.261 | 18.91 | 12.367 | 7.18 | 20 | 13 | 3.7 | 0.33 |
| 4/13/2012 | 0:15:24 | 20.29 | 1.261 | 18.91 | 12.367 | 7.19 | 19.1 | 5 | 3.8 | 0.34 |
| 4/13/2012 | 0:20:24 | 20.29 | 1.261 | 18.91 | 12.366 | 7.18 | 19.8 | 14 | 3.7 | 0.33 |
| 4/13/2012 | 0:25:24 | 20.3 | 1.261 | 18.91 | 12.365 | 7.19 | 18.9 | 6 | 3.8 | 0.34 |
| 4/13/2012 | 0:30:24 | 20.3 | 1.261 | 18.91 | 12.366 | 7.19 | 19.1 | 10 | 3.7 | 0.33 |
| 4/13/2012 | 0:35:24 | 20.3 | 1.261 | 18.91 | 12.368 | 7.19 | 19.4 | 13 | 3.6 | 0.32 |
| 4/13/2012 | 0:40:24 | 20.3 | 1.261 | 18.91 | 12.368 | 7.19 | 19 | 10 | 3.8 | 0.34 |
| 4/13/2012 | 0:45:24 | 20.29 | 1.261 | 18.91 | 12.371 | 7.18 | 19.9 | 15 | 3.6 | 0.32 |
| 4/13/2012 | 0:50:24 | 20.3 | 1.261 | 18.91 | 12.372 | 7.19 | 19.5 | 9 | 3.7 | 0.34 |
| 4/13/2012 | 0:55:24 | 20.3 | 1.261 | 18.91 | 12.371 | 7.17 | 20.1 | 12 | 3.6 | 0.32 |
| 4/13/2012 | 1:00:24 | 20.3 | 1.261 | 18.91 | 12.37 | 7.18 | 19.8 | 13 | 3.6 | 0.33 |
| 4/13/2012 | 1:05:24 | 20.3 | 1.261 | 18.91 | 12.373 | 7.18 | 19.6 | 10 | 3.5 | 0.32 |
| 4/13/2012 | 1:10:24 | 20.3 | 1.261 | 18.91 | 12.371 | 7.18 | 19.7 | 10 | 3.5 | 0.31 |
| 4/13/2012 | 1:15:24 | 20.3 | 1.261 | 18.91 | 12.372 | 7.17 | 20.4 | 18 | 3.6 | 0.33 |
| 4/13/2012 | 1:20:24 | 20.3 | 1.261 | 18.91 | 12.375 | 7.17 | 20.2 | 13 | 3.5 | 0.31 |
| 4/13/2012 | 1:25:24 | 20.3 | 1.261 | 18.91 | 12.373 | 7.19 | 19.1 | 6 | 3.6 | 0.33 |
| 4/13/2012 | 1:30:24 | 20.3 | 1.261 | 18.91 | 12.375 | 7.18 | 19.7 | 12 | 3.5 | 0.31 |
| 4/13/2012 | 1:35:24 | 20.3 | 1.261 | 18.91 | 12.377 | 7.18 | 19.9 | 17 | 3.5 | 0.31 |
| 4/13/2012 | 1:40:24 | 20.3 | 1.261 | 18.91 | 12.378 | 7.18 | 19.7 | 12 | 3.4 | 0.3 |
| 4/13/2012 | 1:45:24 | 20.3 | 1.262 | 18.91 | 12.378 | 7.17 | 20.5 | 18 | 3.4 | 0.3 |
| 4/13/2012 | 1:50:24 | 20.3 | 1.261 | 18.91 | 12.38 | 7.18 | 19.7 | 16 | 3.5 | 0.31 |
| 4/13/2012 | 1:55:24 | 20.3 | 1.262 | 18.91 | 12.381 | 7.17 | 20.3 | 19 | 3.4 | 0.3 |
| 4/13/2012 | 2:00:24 | 20.3 | 1.262 | 18.91 | 12.38 | 7.17 | 20.2 | 16 | 3.5 | 0.32 |
| 4/13/2012 | 2:05:24 | 20.3 | 1.261 | 18.91 | 12.383 | 7.16 | 20.8 | 21 | 3.4 | 0.31 |
| 4/13/2012 | 2:10:24 | 20.3 | 1.261 | 18.91 | 12.386 | 7.17 | 20.5 | 20 | 3.3 | 0.3 |
| 4/13/2012 | 2:15:24 | 20.3 | 1.262 | 18.91 | 12.387 | 7.16 | 20.7 | 26 | 3.4 | 0.3 |
| 4/13/2012 | 2:20:24 | 20.3 | 1.261 | 18.92 | 12.388 | 7.16 | 21.2 | 22 | 3.3 | 0.3 |
| 4/13/2012 | 2:25:24 | 20.3 | 1.261 | 18.91 | 12.386 | 7.17 | 20.1 | 21 | 3.4 | 0.31 |
| 4/13/2012 | 2:30:24 | 20.3 | 1.262 | 18.92 | 12.389 | 7.16 | 21 | 19 | 3.3 | 0.3 |
| 4/13/2012 | 2:35:24 | 20.3 | 1.262 | 18.92 | 12.387 | 7.16 | 20.8 | 18 | 3.4 | 0.3 |
| 4/13/2012 | 2:40:24 | 20.3 | 1.261 | 18.92 | 12.39 | 7.17 | 20 | 17 | 3.3 | 0.3 |
| 4/13/2012 | 2:45:24 | 20.3 | 1.262 | 18.92 | 12.392 | 7.16 | 21.1 | 19 | 3.2 | 0.29 |
| 4/13/2012 | 2:50:24 | 20.3 | 1.262 | 18.92 | 12.393 | 7.18 | 20 | 12 | 3.3 | 0.3 |
| 4/13/2012 | 2:55:24 | 20.3 | 1.261 | 18.92 | 12.395 | 7.16 | 20.9 | 16 | 3.2 | 0.29 |
| 4/13/2012 | 3:00:24 | 20.3 | 1.262 | 18.92 | 12.397 | 7.17 | 20.4 | 16 | 3.4 | 0.3 |
| 4/13/2012 | 3:05:24 | 20.3 | 1.262 | 18.92 | 12.4 | 7.16 | 21.1 | 21 | 3.2 | 0.29 |
| 4/13/2012 | 3:10:24 | 20.3 | 1.262 | 18.92 | 12.402 | 7.16 | 20.8 | 24 | 3.2 | 0.29 |
| 4/13/2012 | 3:15:24 | 20.3 | 1.262 | 18.92 | 12.405 | 7.17 | 20.2 | 14 | 3.1 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 3:20:24 | 20.3 | 1.262 | 18.92 | 12.409 | 7.16 | 20.8 | 17 | 3.1 | 0.28 |
| 4/13/2012 | 3:25:24 | 20.3 | 1.262 | 18.92 | 12.41 | 7.16 | 20.9 | 17 | 3.2 | 0.29 |
| 4/13/2012 | 3:30:24 | 20.3 | 1.262 | 18.93 | 12.413 | 7.16 | 21.2 | 17 | 3.1 | 0.28 |
| 4/13/2012 | 3:35:24 | 20.3 | 1.262 | 18.93 | 12.416 | 7.16 | 21.1 | 22 | 3.2 | 0.29 |
| 4/13/2012 | 3:40:24 | 20.3 | 1.262 | 18.93 | 12.423 | 7.16 | 21 | 18 | 3.2 | 0.28 |
| 4/13/2012 | 3:45:24 | 20.3 | 1.262 | 18.93 | 12.431 | 7.16 | 20.9 | 18 | 3.1 | 0.28 |
| 4/13/2012 | 3:50:24 | 20.3 | 1.262 | 18.94 | 12.442 | 7.17 | 20.6 | 19 | 3.1 | 0.28 |
| 4/13/2012 | 3:55:24 | 20.3 | 1.262 | 18.94 | 12.445 | 7.15 | 21.7 | 22 | 3 | 0.27 |
| 4/13/2012 | 4:00:24 | 20.3 | 1.262 | 18.94 | 12.451 | 7.15 | 21.3 | 26 | 3.1 | 0.28 |
| 4/13/2012 | 4:05:24 | 20.3 | 1.262 | 18.95 | 12.458 | 7.16 | 21.1 | 19 | 3 | 0.27 |
| 4/13/2012 | 4:10:24 | 20.3 | 1.262 | 18.95 | 12.467 | 7.16 | 21 | 16 | 3.1 | 0.28 |
| 4/13/2012 | 4:15:24 | 20.3 | 1.262 | 18.95 | 12.475 | 7.16 | 21.1 | 22 | 3 | 0.27 |
| 4/13/2012 | 4:20:24 | 20.3 | 1.262 | 18.96 | 12.483 | 7.15 | 21.3 | 24 | 3 | 0.27 |
| 4/13/2012 | 4:25:24 | 20.3 | 1.262 | 18.96 | 12.491 | 7.16 | 20.6 | 15 | 3 | 0.27 |
| 4/13/2012 | 4:30:24 | 20.3 | 1.262 | 18.96 | 12.497 | 7.16 | 21 | 16 | 3 | 0.27 |
| 4/13/2012 | 4:35:24 | 20.3 | 1.262 | 18.96 | 12.501 | 7.15 | 21.5 | 17 | 3.1 | 0.28 |
| 4/13/2012 | 4:40:24 | 20.3 | 1.262 | 18.97 | 12.506 | 7.16 | 21.1 | 19 | 3 | 0.27 |
| 4/13/2012 | 4:45:24 | 20.3 | 1.262 | 18.97 | 12.511 | 7.15 | 21.7 | 17 | 2.9 | 0.26 |
| 4/13/2012 | 4:50:24 | 20.3 | 1.262 | 18.97 | 12.512 | 7.15 | 21.5 | 22 | 2.9 | 0.26 |
| 4/13/2012 | 4:55:24 | 20.3 | 1.262 | 18.97 | 12.515 | 7.15 | 21.5 | 17 | 2.9 | 0.26 |
| 4/13/2012 | 5:00:24 | 20.3 | 1.262 | 18.97 | 12.517 | 7.15 | 21.3 | 21 | 3 | 0.27 |
| 4/13/2012 | 5:05:24 | 20.3 | 1.262 | 18.97 | 12.52 | 7.16 | 21.1 | 15 | 2.9 | 0.26 |
| 4/13/2012 | 5:10:24 | 20.3 | 1.262 | 18.97 | 12.521 | 7.14 | 22 | 21 | 2.9 | 0.26 |
| 4/13/2012 | 5:15:24 | 20.3 | 1.262 | 18.97 | 12.524 | 7.14 | 21.9 | 19 | 2.9 | 0.26 |
| 4/13/2012 | 5:20:24 | 20.3 | 1.262 | 18.98 | 12.526 | 7.16 | 20.8 | 12 | 2.8 | 0.25 |
| 4/13/2012 | 5:25:24 | 20.3 | 1.262 | 18.98 | 12.527 | 7.15 | 21.6 | 16 | 2.9 | 0.26 |
| 4/13/2012 | 5:30:24 | 20.3 | 1.263 | 18.98 | 12.527 | 7.14 | 22.1 | 20 | 2.8 | 0.25 |
| 4/13/2012 | 5:35:24 | 20.3 | 1.263 | 18.98 | 12.528 | 7.15 | 21.5 | 25 | 2.9 | 0.26 |
| 4/13/2012 | 5:40:24 | 20.3 | 1.262 | 18.98 | 12.53 | 7.16 | 21.1 | 23 | 2.8 | 0.26 |
| 4/13/2012 | 5:45:24 | 20.3 | 1.263 | 18.98 | 12.531 | 7.15 | 21.6 | 21 | 2.8 | 0.25 |
| 4/13/2012 | 5:50:24 | 20.3 | 1.262 | 18.98 | 12.532 | 7.15 | 21.2 | 23 | 2.8 | 0.25 |
| 4/13/2012 | 5:55:24 | 20.3 | 1.263 | 18.98 | 12.533 | 7.15 | 21.7 | 23 | 2.8 | 0.25 |
| 4/13/2012 | 6:00:24 | 20.3 | 1.262 | 18.98 | 12.535 | 7.16 | 21.1 | 22 | 2.8 | 0.25 |
| 4/13/2012 | 6:05:24 | 20.3 | 1.262 | 18.98 | 12.535 | 7.16 | 21 | 18 | 2.8 | 0.25 |
| 4/13/2012 | 6:10:24 | 20.3 | 1.263 | 18.98 | 12.536 | 7.16 | 21.1 | 23 | 2.8 | 0.25 |
| 4/13/2012 | 6:15:24 | 20.3 | 1.262 | 18.98 | 12.536 | 7.15 | 21.5 | 28 | 2.7 | 0.25 |
| 4/13/2012 | 6:20:24 | 20.3 | 1.262 | 18.98 | 12.536 | 7.16 | 21.2 | 22 | 2.7 | 0.24 |
| 4/13/2012 | 6:25:24 | 20.3 | 1.262 | 18.98 | 12.536 | 7.16 | 21.2 | 26 | 2.7 | 0.25 |
| 4/13/2012 | 6:30:24 | 20.3 | 1.262 | 18.98 | 12.537 | 7.15 | 21.6 | 25 | 2.7 | 0.24 |
| 4/13/2012 | 6:35:24 | 20.3 | 1.263 | 18.98 | 12.536 | 7.15 | 21.5 | 24 | 2.8 | 0.25 |
| 4/13/2012 | 6:40:24 | 20.3 | 1.263 | 18.98 | 12.535 | 7.15 | 21.5 | 23 | 2.7 | 0.25 |
| 4/13/2012 | 6:45:24 | 20.3 | 1.263 | 18.98 | 12.535 | 7.15 | 21.5 | 27 | 2.7 | 0.24 |
| 4/13/2012 | 6:50:24 | 20.3 | 1.263 | 18.98 | 12.537 | 7.16 | 20.8 | 23 | 2.7 | 0.24 |
| 4/13/2012 | 6:55:24 | 20.3 | 1.263 | 18.98 | 12.527 | 7.15 | 21.3 | 28 | 2.6 | 0.24 |
| 4/13/2012 | 7:00:24 | 20.3 | 1.263 | 18.97 | 12.523 | 7.15 | 21.3 | 22 | 2.7 | 0.24 |
| 4/13/2012 | 7:05:24 | 20.3 | 1.263 | 18.97 | 12.521 | 7.15 | 21.3 | 25 | 2.7 | 0.24 |
| 4/13/2012 | 7:10:24 | 20.3 | 1.263 | 18.97 | 12.52 | 7.16 | 20.7 | 21 | 2.6 | 0.24 |
| 4/13/2012 | 7:15:24 | 20.3 | 1.263 | 18.97 | 12.521 | 7.16 | 20.9 | 16 | 2.6 | 0.24 |
| 4/13/2012 | 7:20:24 | 20.3 | 1.263 | 18.97 | 12.523 | 7.15 | 21.4 | 23 | 2.6 | 0.23 |
| 4/13/2012 | 7:25:24 | 20.3 | 1.263 | 18.97 | 12.519 | 7.16 | 20.9 | 17 | 2.6 | 0.24 |
| 4/13/2012 | 7:30:24 | 20.3 | 1.263 | 18.97 | 12.514 | 7.15 | 21.3 | 25 | 2.6 | 0.23 |
| 4/13/2012 | 7:35:24 | 20.3 | 1.263 | 18.97 | 12.511 | 7.15 | 21.3 | 27 | 2.6 | 0.24 |
| 4/13/2012 | 7:40:24 | 20.3 | 1.263 | 18.97 | 12.505 | 7.16 | 20.9 | 24 | 2.6 | 0.24 |
| 4/13/2012 | 7:45:24 | 20.3 | 1.263 | 18.97 | 12.504 | 7.16 | 21.1 | 15 | 2.6 | 0.23 |
| 4/13/2012 | 7:50:24 | 20.3 | 1.263 | 18.96 | 12.5 | 7.17 | 20.4 | 8 | 2.6 | 0.23 |
| 4/13/2012 | 7:55:24 | 20.3 | 1.263 | 18.96 | 12.499 | 7.17 | 20.4 | 7 | 2.5 | 0.23 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 8:00:24 | 20.3 | 1.263 | 18.96 | 12.496 | 7.15 | 21.2 | 20 | 2.6 | 0.24 |
| 4/13/2012 | 8:05:24 | 20.3 | 1.263 | 18.96 | 12.492 | 7.15 | 21.5 | 18 | 2.6 | 0.23 |
| 4/13/2012 | 8:10:24 | 20.3 | 1.263 | 18.96 | 12.489 | 7.16 | 21.1 | 23 | 2.5 | 0.23 |
| 4/13/2012 | 8:15:24 | 20.3 | 1.263 | 18.96 | 12.487 | 7.17 | 20.6 | 22 | 2.6 | 0.23 |
| 4/13/2012 | 8:20:24 | 20.3 | 1.263 | 18.96 | 12.485 | 7.16 | 20.9 | 19 | 2.5 | 0.23 |
| 4/13/2012 | 8:25:24 | 20.3 | 1.263 | 18.96 | 12.482 | 7.16 | 20.6 | 23 | 2.6 | 0.23 |
| 4/13/2012 | 8:30:24 | 20.3 | 1.263 | 18.96 | 12.481 | 7.16 | 20.6 | 25 | 2.5 | 0.23 |
| 4/13/2012 | 8:35:24 | 20.3 | 1.263 | 18.95 | 12.477 | 7.17 | 20.1 | 23 | 2.5 | 0.23 |
| 4/13/2012 | 8:40:24 | 20.3 | 1.263 | 18.95 | 12.476 | 7.16 | 20.8 | 30 | 2.5 | 0.23 |
| 4/13/2012 | 8:45:24 | 20.3 | 1.262 | 18.95 | 12.473 | 7.17 | 20.1 | 21 | 2.5 | 0.23 |
| 4/13/2012 | 8:50:24 | 20.3 | 1.262 | 18.95 | 12.47 | 7.16 | 21 | 26 | 2.5 | 0.23 |
| 4/13/2012 | 8:55:24 | 20.3 | 1.263 | 18.95 | 12.467 | 7.17 | 20.5 | 19 | 2.5 | 0.23 |
| 4/13/2012 | 9:00:24 | 20.3 | 1.263 | 18.95 | 12.465 | 7.17 | 20.5 | 22 | 2.6 | 0.23 |
| 4/13/2012 | 9:05:24 | 20.3 | 1.263 | 18.95 | 12.46 | 7.17 | 20.1 | 20 | 2.5 | 0.23 |
| 4/13/2012 | 9:10:24 | 20.3 | 1.263 | 18.95 | 12.458 | 7.17 | 20.1 | 27 | 2.5 | 0.22 |
| 4/13/2012 | 9:15:24 | 20.3 | 1.263 | 18.94 | 12.455 | 7.17 | 20.6 | 28 | 2.5 | 0.23 |
| 4/13/2012 | 9:20:24 | 20.3 | 1.262 | 18.94 | 12.454 | 7.16 | 20.8 | 28 | 2.5 | 0.22 |
| 4/13/2012 | 9:25:24 | 20.3 | 1.262 | 18.94 | 12.451 | 7.17 | 20.5 | 35 | 2.5 | 0.23 |
| 4/13/2012 | 9:30:24 | 20.3 | 1.263 | 18.94 | 12.45 | 7.16 | 21 | 36 | 2.5 | 0.22 |
| 4/13/2012 | 9:35:24 | 20.3 | 1.263 | 18.94 | 12.448 | 7.17 | 20.1 | 36 | 2.5 | 0.23 |
| 4/13/2012 | 9:40:24 | 20.3 | 1.263 | 18.94 | 12.448 | 7.17 | 20.6 | 35 | 2.5 | 0.23 |
| 4/13/2012 | 9:45:24 | 20.3 | 1.262 | 18.94 | 12.445 | 7.16 | 20.7 | 40 | 2.5 | 0.22 |
| 4/13/2012 | 9:50:24 | 20.3 | 1.263 | 18.94 | 12.444 | 7.16 | 21 | 44 | 2.5 | 0.23 |
| 4/13/2012 | 9:55:24 | 20.3 | 1.263 | 18.94 | 12.443 | 7.16 | 21.1 | 44 | 2.5 | 0.22 |
| 4/13/2012 | 10:00:24 | 20.31 | 1.262 | 18.94 | 12.441 | 7.17 | 20.6 | 41 | 2.5 | 0.23 |
| 4/13/2012 | 10:05:24 | 20.31 | 1.263 | 18.94 | 12.439 | 7.16 | 20.6 | 45 | 2.5 | 0.22 |
| 4/13/2012 | 10:10:24 | 20.31 | 1.263 | 18.94 | 12.437 | 7.16 | 21.1 | 45 | 2.5 | 0.23 |
| 4/13/2012 | 10:15:24 | 20.3 | 1.262 | 18.94 | 12.436 | 7.16 | 21.1 | 49 | 2.5 | 0.22 |
| 4/13/2012 | 10:20:24 | 20.31 | 1.263 | 18.93 | 12.433 | 7.17 | 20.5 | 41 | 2.5 | 0.23 |
| 4/13/2012 | 10:25:24 | 20.31 | 1.263 | 18.93 | 12.432 | 7.16 | 20.6 | 46 | 2.5 | 0.23 |
| 4/13/2012 | 10:30:24 | 20.31 | 1.263 | 18.93 | 12.431 | 7.16 | 20.8 | 44 | 2.5 | 0.22 |
| 4/13/2012 | 10:35:24 | 20.31 | 1.263 | 18.93 | 12.431 | 7.17 | 20.6 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 10:40:24 | 20.31 | 1.263 | 18.93 | 12.429 | 7.16 | 20.8 | 49 | 2.5 | 0.22 |
| 4/13/2012 | 10:45:24 | 20.31 | 1.262 | 18.93 | 12.429 | 7.16 | 20.8 | 48 | 2.5 | 0.23 |
| 4/13/2012 | 10:50:24 | 20.31 | 1.262 | 18.93 | 12.428 | 7.16 | 20.7 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 10:55:24 | 20.31 | 1.262 | 18.93 | 12.427 | 7.16 | 21.1 | 51 | 2.5 | 0.22 |
| 4/13/2012 | 11:00:24 | 20.31 | 1.262 | 18.93 | 12.423 | 7.17 | 20.4 | 45 | 2.5 | 0.22 |
| 4/13/2012 | 11:05:24 | 20.31 | 1.262 | 18.93 | 12.42 | 7.16 | 20.8 | 45 | 2.5 | 0.22 |
| 4/13/2012 | 11:10:24 | 20.31 | 1.262 | 18.93 | 12.42 | 7.17 | 20.4 | 43 | 2.5 | 0.23 |
| 4/13/2012 | 11:15:24 | 20.31 | 1.263 | 18.93 | 12.418 | 7.17 | 20.1 | 43 | 2.5 | 0.22 |
| 4/13/2012 | 11:20:24 | 20.31 | 1.262 | 18.93 | 12.417 | 7.16 | 20.6 | 44 | 2.5 | 0.22 |
| 4/13/2012 | 11:25:24 | 20.31 | 1.263 | 18.93 | 12.418 | 7.17 | 20.1 | 39 | 2.5 | 0.22 |
| 4/13/2012 | 11:30:24 | 20.31 | 1.262 | 18.93 | 12.417 | 7.17 | 20.4 | 43 | 2.5 | 0.22 |
| 4/13/2012 | 11:35:24 | 20.31 | 1.262 | 18.93 | 12.415 | 7.16 | 20.7 | 43 | 2.5 | 0.22 |
| 4/13/2012 | 11:40:24 | 20.31 | 1.262 | 18.93 | 12.416 | 7.15 | 21.5 | 54 | 2.5 | 0.22 |
| 4/13/2012 | 11:45:24 | 20.31 | 1.262 | 18.93 | 12.413 | 7.16 | 20.8 | 44 | 2.5 | 0.22 |
| 4/13/2012 | 11:50:24 | 20.31 | 1.262 | 18.93 | 12.412 | 7.15 | 21.2 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 11:55:24 | 20.31 | 1.262 | 18.92 | 12.41 | 7.16 | 20.6 | 45 | 2.5 | 0.22 |
| 4/13/2012 | 12:00:24 | 20.31 | 1.262 | 18.92 | 12.405 | 7.16 | 21 | 49 | 2.5 | 0.22 |
| 4/13/2012 | 12:05:24 | 20.31 | 1.262 | 18.92 | 12.405 | 7.17 | 20.5 | 46 | 2.5 | 0.22 |
| 4/13/2012 | 12:10:24 | 20.31 | 1.262 | 18.92 | 12.403 | 7.17 | 20.6 | 44 | 2.5 | 0.23 |
| 4/13/2012 | 12:15:24 | 20.31 | 1.262 | 18.92 | 12.399 | 7.17 | 20.6 | 41 | 2.5 | 0.22 |
| 4/13/2012 | 12:20:24 | 20.31 | 1.262 | 18.92 | 12.396 | 7.15 | 21.5 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 12:25:24 | 20.31 | 1.262 | 18.92 | 12.396 | 7.15 | 21.4 | 54 | 2.5 | 0.22 |
| 4/13/2012 | 12:30:24 | 20.31 | 1.262 | 18.92 | 12.392 | 7.15 | 21.2 | 55 | 2.5 | 0.22 |
| 4/13/2012 | 12:35:24 | 20.31 | 1.262 | 18.92 | 12.402 | 7.15 | 21.5 | 55 | 2.5 | 0.23 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 12:40:24 | 20.31 | 1.262 | 18.92 | 12.39 | 7.16 | 21 | 53 | 2.5 | 0.22 |
| 4/13/2012 | 12:45:24 | 20.31 | 1.262 | 18.92 | 12.391 | 7.16 | 20.9 | 51 | 2.5 | 0.22 |
| 4/13/2012 | 12:50:24 | 20.31 | 1.262 | 18.92 | 12.39 | 7.17 | 20.4 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 12:55:24 | 20.31 | 1.262 | 18.92 | 12.387 | 7.16 | 20.8 | 50 | 2.4 | 0.22 |
| 4/13/2012 | 13:00:24 | 20.31 | 1.262 | 18.91 | 12.383 | 7.17 | 20.3 | 45 | 2.5 | 0.23 |
| 4/13/2012 | 13:05:24 | 20.31 | 1.262 | 18.91 | 12.381 | 7.17 | 20.4 | 47 | 2.5 | 0.22 |
| 4/13/2012 | 13:10:24 | 20.31 | 1.262 | 18.91 | 12.379 | 7.17 | 20.1 | 47 | 2.5 | 0.22 |
| 4/13/2012 | 13:15:24 | 20.31 | 1.262 | 18.91 | 12.38 | 7.17 | 20.3 | 51 | 2.5 | 0.22 |
| 4/13/2012 | 13:20:24 | 20.31 | 1.261 | 18.91 | 12.374 | 7.17 | 20.1 | 49 | 2.4 | 0.22 |
| 4/13/2012 | 13:25:24 | 20.31 | 1.261 | 18.91 | 12.372 | 7.18 | 20 | 47 | 2.5 | 0.22 |
| 4/13/2012 | 13:30:24 | 20.31 | 1.262 | 18.91 | 12.374 | 7.18 | 19.7 | 45 | 2.5 | 0.22 |
| 4/13/2012 | 13:35:24 | 20.31 | 1.261 | 18.91 | 12.373 | 7.18 | 19.6 | 44 | 2.5 | 0.22 |
| 4/13/2012 | 13:40:24 | 20.31 | 1.261 | 18.91 | 12.372 | 7.18 | 20 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 13:45:24 | 20.31 | 1.262 | 18.91 | 12.37 | 7.18 | 19.7 | 49 | 2.4 | 0.22 |
| 4/13/2012 | 13:50:24 | 20.31 | 1.261 | 18.91 | 12.372 | 7.18 | 19.6 | 52 | 2.5 | 0.22 |
| 4/13/2012 | 13:55:24 | 20.31 | 1.261 | 18.91 | 12.373 | 7.19 | 19.3 | 51 | 2.5 | 0.22 |
| 4/13/2012 | 14:00:24 | 20.31 | 1.261 | 18.91 | 12.371 | 7.19 | 19.2 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 14:05:24 | 20.31 | 1.261 | 18.91 | 12.371 | 7.19 | 19 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 14:10:24 | 20.31 | 1.261 | 18.91 | 12.37 | 7.19 | 19 | 50 | 2.4 | 0.22 |
| 4/13/2012 | 14:15:24 | 20.31 | 1.261 | 18.91 | 12.38 | 7.2 | 18.6 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 14:20:24 | 20.32 | 1.261 | 18.91 | 12.377 | 7.19 | 19.1 | 49 | 2.4 | 0.22 |
| 4/13/2012 | 14:25:24 | 20.31 | 1.261 | 18.91 | 12.376 | 7.2 | 18.7 | 50 | 2.5 | 0.22 |
| 4/13/2012 | 14:30:24 | 20.31 | 1.261 | 18.91 | 12.376 | 7.2 | 18.4 | 47 | 2.5 | 0.22 |
| 4/13/2012 | 14:35:24 | 20.31 | 1.261 | 18.91 | 12.377 | 7.2 | 18.6 | 52 | 2.4 | 0.22 |
| 4/13/2012 | 14:40:24 | 20.31 | 1.261 | 18.91 | 12.375 | 7.2 | 18.6 | 56 | 2.5 | 0.22 |
| 4/13/2012 | 14:45:24 | 20.31 | 1.261 | 18.91 | 12.377 | 7.21 | 18.1 | 50 | 2.4 | 0.22 |
| 4/13/2012 | 14:50:24 | 20.31 | 1.261 | 18.91 | 12.379 | 7.2 | 18.5 | 56 | 2.5 | 0.22 |
| 4/13/2012 | 14:55:24 | 20.31 | 1.261 | 18.91 | 12.377 | 7.21 | 17.8 | 51 | 2.5 | 0.22 |
| 4/13/2012 | 15:00:24 | 20.31 | 1.261 | 18.91 | 12.378 | 7.21 | 18.1 | 52 | 2.4 | 0.22 |
| 4/13/2012 | 15:05:24 | 20.31 | 1.261 | 18.91 | 12.377 | 7.22 | 17.3 | 48 | 2.5 | 0.22 |
| 4/13/2012 | 15:10:24 | 20.31 | 1.261 | 18.91 | 12.376 | 7.22 | 17.3 | 49 | 2.4 | 0.22 |
| 4/13/2012 | 15:15:24 | 20.31 | 1.261 | 18.91 | 12.378 | 7.22 | 17.2 | 50 | 2.5 | 0.22 |
| 4/13/2012 | 15:20:24 | 20.31 | 1.261 | 18.91 | 12.378 | 7.22 | 17.2 | 51 | 2.5 | 0.22 |
| 4/13/2012 | 15:25:24 | 20.32 | 1.261 | 18.91 | 12.378 | 7.21 | 17.7 | 52 | 2.4 | 0.22 |
| 4/13/2012 | 15:30:24 | 20.32 | 1.261 | 18.91 | 12.378 | 7.23 | 17 | 52 | 2.5 | 0.22 |
| 4/13/2012 | 15:35:24 | 20.32 | 1.261 | 18.91 | 12.38 | 7.23 | 16.9 | 53 | 2.4 | 0.22 |
| 4/13/2012 | 15:40:24 | 20.32 | 1.26 | 18.91 | 12.38 | 7.22 | 17.5 | 57 | 2.5 | 0.22 |
| 4/13/2012 | 15:45:24 | 20.32 | 1.261 | 18.91 | 12.382 | 7.21 | 18.1 | 57 | 2.5 | 0.22 |
| 4/13/2012 | 15:50:24 | 20.32 | 1.261 | 18.91 | 12.385 | 7.19 | 19.1 | 56 | 2.4 | 0.22 |
| 4/13/2012 | 15:55:24 | 20.32 | 1.261 | 18.91 | 12.386 | 7.18 | 20 | 58 | 2.5 | 0.22 |
| 4/13/2012 | 16:00:24 | 20.32 | 1.261 | 18.92 | 12.388 | 7.14 | 22.1 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 16:05:24 | 20.32 | 1.26 | 18.92 | 12.39 | 7.12 | 23.1 | 62 | 2.5 | 0.22 |
| 4/13/2012 | 16:10:24 | 20.32 | 1.26 | 18.92 | 12.39 | 7.14 | 22 | 63 | 2.5 | 0.22 |
| 4/13/2012 | 16:15:24 | 20.32 | 1.26 | 18.92 | 12.392 | 7.17 | 20.6 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 16:20:24 | 20.32 | 1.261 | 18.92 | 12.394 | 7.17 | 20.4 | 59 | 2.5 | 0.22 |
| 4/13/2012 | 16:25:24 | 20.32 | 1.26 | 18.92 | 12.397 | 7.15 | 21.4 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 16:30:24 | 20.32 | 1.261 | 18.92 | 12.402 | 7.17 | 20.4 | 62 | 2.5 | 0.22 |
| 4/13/2012 | 16:35:24 | 20.32 | 1.26 | 18.92 | 12.405 | 7.16 | 20.9 | 63 | 2.5 | 0.22 |
| 4/13/2012 | 16:40:24 | 20.32 | 1.26 | 18.92 | 12.403 | 7.17 | 20.5 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 16:45:24 | 20.32 | 1.26 | 18.92 | 12.407 | 7.17 | 20.4 | 60 | 2.5 | 0.22 |
| 4/13/2012 | 16:50:24 | 20.32 | 1.26 | 18.92 | 12.409 | 7.17 | 20.2 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 16:55:24 | 20.32 | 1.26 | 18.93 | 12.412 | 7.2 | 18.3 | 63 | 2.5 | 0.22 |
| 4/13/2012 | 17:00:24 | 20.32 | 1.26 | 18.93 | 12.413 | 7.23 | 16.5 | 63 | 2.5 | 0.22 |
| 4/13/2012 | 17:05:24 | 20.32 | 1.26 | 18.93 | 12.417 | 7.24 | 16.2 | 54 | 2.5 | 0.22 |
| 4/13/2012 | 17:10:24 | 20.32 | 1.26 | 18.93 | 12.421 | 7.23 | 16.9 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 17:15:24 | 20.32 | 1.26 | 18.93 | 12.426 | 7.23 | 16.7 | 61 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 17:20:24 | 20.32 | 1.26 | 18.93 | 12.427 | 7.24 | 16.2 | 54 | 2.5 | 0.22 |
| 4/13/2012 | 17:25:24 | 20.32 | 1.26 | 18.93 | 12.43 | 7.23 | 16.6 | 58 | 2.5 | 0.22 |
| 4/13/2012 | 17:30:24 | 20.32 | 1.26 | 18.94 | 12.436 | 7.24 | 16.4 | 55 | 2.5 | 0.22 |
| 4/13/2012 | 17:35:24 | 20.32 | 1.26 | 18.94 | 12.439 | 7.24 | 16.2 | 57 | 2.4 | 0.22 |
| 4/13/2012 | 17:40:24 | 20.32 | 1.26 | 18.94 | 12.44 | 7.24 | 16.4 | 54 | 2.4 | 0.22 |
| 4/13/2012 | 17:45:24 | 20.32 | 1.26 | 18.94 | 12.444 | 7.24 | 16.3 | 58 | 2.5 | 0.22 |
| 4/13/2012 | 17:50:24 | 20.32 | 1.26 | 18.94 | 12.447 | 7.23 | 16.6 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 17:55:24 | 20.32 | 1.26 | 18.94 | 12.448 | 7.24 | 16.5 | 58 | 2.4 | 0.22 |
| 4/13/2012 | 18:00:24 | 20.32 | 1.26 | 18.94 | 12.449 | 7.23 | 16.7 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 18:05:24 | 20.32 | 1.26 | 18.94 | 12.451 | 7.23 | 17 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 18:10:24 | 20.32 | 1.26 | 18.94 | 12.454 | 7.24 | 16.4 | 60 | 2.5 | 0.22 |
| 4/13/2012 | 18:15:24 | 20.32 | 1.26 | 18.94 | 12.454 | 7.24 | 16.5 | 56 | 2.4 | 0.22 |
| 4/13/2012 | 18:20:24 | 20.32 | 1.26 | 18.94 | 12.453 | 7.24 | 16.5 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 18:25:24 | 20.32 | 1.26 | 18.94 | 12.452 | 7.24 | 16.5 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 18:30:24 | 20.32 | 1.26 | 18.94 | 12.452 | 7.23 | 16.6 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 18:35:24 | 20.32 | 1.26 | 18.94 | 12.451 | 7.23 | 17 | 65 | 2.5 | 0.22 |
| 4/13/2012 | 18:40:24 | 20.32 | 1.26 | 18.94 | 12.454 | 7.24 | 16.3 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 18:45:24 | 20.32 | 1.26 | 18.94 | 12.45 | 7.23 | 16.7 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 18:50:24 | 20.32 | 1.26 | 18.94 | 12.447 | 7.23 | 16.7 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 18:55:24 | 20.32 | 1.26 | 18.94 | 12.445 | 7.24 | 16.5 | 64 | 2.4 | 0.22 |
| 4/13/2012 | 19:00:24 | 20.32 | 1.26 | 18.94 | 12.443 | 7.23 | 16.8 | 61 | 2.5 | 0.22 |
| 4/13/2012 | 19:05:24 | 20.32 | 1.259 | 18.94 | 12.442 | 7.23 | 16.6 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 19:10:24 | 20.32 | 1.26 | 18.94 | 12.441 | 7.24 | 16.1 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 19:15:24 | 20.32 | 1.26 | 18.94 | 12.44 | 7.24 | 16.5 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 19:20:24 | 20.32 | 1.26 | 18.94 | 12.439 | 7.24 | 16.5 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 19:25:24 | 20.32 | 1.259 | 18.94 | 12.435 | 7.24 | 16.3 | 62 | 2.5 | 0.22 |
| 4/13/2012 | 19:30:24 | 20.32 | 1.259 | 18.94 | 12.434 | 7.24 | 16.2 | 58 | 2.4 | 0.22 |
| 4/13/2012 | 19:35:24 | 20.32 | 1.259 | 18.94 | 12.434 | 7.24 | 16.5 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 19:40:24 | 20.32 | 1.259 | 18.93 | 12.429 | 7.24 | 16.5 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 19:45:24 | 20.32 | 1.26 | 18.93 | 12.429 | 7.23 | 17 | 65 | 2.4 | 0.22 |
| 4/13/2012 | 19:50:24 | 20.32 | 1.259 | 18.93 | 12.425 | 7.23 | 16.7 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 19:55:24 | 20.32 | 1.259 | 18.93 | 12.422 | 7.24 | 16.2 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 20:00:24 | 20.32 | 1.259 | 18.93 | 12.422 | 7.23 | 16.5 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 20:05:24 | 20.32 | 1.259 | 18.93 | 12.418 | 7.23 | 16.8 | 65 | 2.4 | 0.22 |
| 4/13/2012 | 20:10:24 | 20.32 | 1.259 | 18.93 | 12.418 | 7.23 | 16.7 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 20:15:24 | 20.32 | 1.259 | 18.93 | 12.415 | 7.23 | 16.6 | 64 | 2.4 | 0.22 |
| 4/13/2012 | 20:20:24 | 20.32 | 1.259 | 18.93 | 12.413 | 7.23 | 16.8 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 20:25:24 | 20.32 | 1.259 | 18.93 | 12.413 | 7.23 | 16.7 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 20:30:24 | 20.32 | 1.259 | 18.92 | 12.41 | 7.24 | 16.4 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 20:35:24 | 20.32 | 1.259 | 18.92 | 12.407 | 7.22 | 17.2 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 20:40:24 | 20.32 | 1.259 | 18.92 | 12.404 | 7.21 | 17.9 | 58 | 2.4 | 0.22 |
| 4/13/2012 | 20:45:24 | 20.32 | 1.259 | 18.92 | 12.402 | 7.21 | 18.2 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 20:50:24 | 20.32 | 1.259 | 18.92 | 12.402 | 7.2 | 18.9 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 20:55:24 | 20.32 | 1.259 | 18.92 | 12.4 | 7.2 | 18.6 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 21:00:24 | 20.32 | 1.259 | 18.92 | 12.399 | 7.19 | 18.9 | 64 | 2.4 | 0.22 |
| 4/13/2012 | 21:05:24 | 20.32 | 1.259 | 18.92 | 12.398 | 7.2 | 18.7 | 65 | 2.4 | 0.22 |
| 4/13/2012 | 21:10:24 | 20.32 | 1.259 | 18.92 | 12.395 | 7.19 | 19 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 21:15:24 | 20.32 | 1.259 | 18.92 | 12.395 | 7.19 | 18.9 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 21:20:24 | 20.32 | 1.259 | 18.92 | 12.394 | 7.19 | 19.2 | 61 | 2.4 | 0.22 |
| 4/13/2012 | 21:25:24 | 20.32 | 1.259 | 18.92 | 12.393 | 7.18 | 19.8 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 21:30:24 | 20.32 | 1.259 | 18.92 | 12.391 | 7.19 | 19.2 | 62 | 2.4 | 0.22 |
| 4/13/2012 | 21:35:24 | 20.32 | 1.259 | 18.92 | 12.39 | 7.17 | 20.1 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 21:40:24 | 20.32 | 1.259 | 18.92 | 12.387 | 7.18 | 19.8 | 63 | 2.4 | 0.22 |
| 4/13/2012 | 21:45:24 | 20.32 | 1.259 | 18.91 | 12.385 | 7.17 | 20.6 | 64 | 2.4 | 0.22 |
| 4/13/2012 | 21:50:24 | 20.32 | 1.259 | 18.91 | 12.385 | 7.16 | 20.9 | 66 | 2.4 | 0.22 |
| 4/13/2012 | 21:55:24 | 20.32 | 1.258 | 18.91 | 12.384 | 7.17 | 20.1 | 61 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 22:00:24 | 20.32 | 1.258 | 18.91 | 12.381 | 7.16 | 20.8 | 66 | 2.4 | 0.22 |
| 4/13/2012 | 22:05:24 | 20.32 | 1.258 | 18.91 | 12.379 | 7.16 | 20.9 | 64 | 2.4 | 0.22 |
| 4/13/2012 | 22:10:24 | 20.32 | 1.259 | 18.91 | 12.378 | 7.16 | 20.8 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 22:15:24 | 20.32 | 1.259 | 18.91 | 12.378 | 7.15 | 21.2 | 60 | 2.4 | 0.22 |
| 4/13/2012 | 22:20:24 | 20.32 | 1.259 | 18.91 | 12.376 | 7.15 | 21.3 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 22:25:24 | 20.32 | 1.258 | 18.91 | 12.376 | 7.15 | 21.5 | 59 | 2.4 | 0.22 |
| 4/13/2012 | 22:30:24 | 20.32 | 1.258 | 18.91 | 12.376 | 7.15 | 21.5 | 58 | 2.4 | 0.22 |
| 4/13/2012 | 22:35:24 | 20.32 | 1.258 | 18.91 | 12.375 | 7.14 | 22.1 | 55 | 2.4 | 0.22 |
| 4/13/2012 | 22:40:24 | 20.32 | 1.259 | 18.91 | 12.374 | 7.14 | 22 | 56 | 2.4 | 0.22 |
| 4/13/2012 | 22:45:24 | 20.32 | 1.258 | 18.91 | 12.372 | 7.14 | 22.2 | 54 | 2.4 | 0.22 |
| 4/13/2012 | 22:50:24 | 20.32 | 1.258 | 18.91 | 12.37 | 7.15 | 21.6 | 54 | 2.4 | 0.22 |
| 4/13/2012 | 22:55:24 | 20.32 | 1.258 | 18.91 | 12.366 | 7.15 | 21.5 | 51 | 2.4 | 0.22 |
| 4/13/2012 | 23:00:24 | 20.32 | 1.259 | 18.91 | 12.365 | 7.15 | 21.5 | 51 | 2.4 | 0.22 |
| 4/13/2012 | 23:05:24 | 20.32 | 1.258 | 18.91 | 12.365 | 7.14 | 22.1 | 52 | 2.4 | 0.22 |
| 4/13/2012 | 23:10:24 | 20.32 | 1.258 | 18.9 | 12.364 | 7.14 | 22 | 52 | 2.4 | 0.22 |
| 4/13/2012 | 23:15:24 | 20.32 | 1.258 | 18.91 | 12.365 | 7.15 | 21.6 | 48 | 2.4 | 0.22 |
| 4/13/2012 | 23:20:24 | 20.32 | 1.258 | 18.9 | 12.364 | 7.14 | 22.2 | 53 | 2.4 | 0.22 |
| 4/13/2012 | 23:25:24 | 20.32 | 1.258 | 18.9 | 12.361 | 7.13 | 22.3 | 53 | 2.4 | 0.22 |
| 4/13/2012 | 23:30:24 | 20.32 | 1.258 | 18.9 | 12.363 | 7.14 | 22.3 | 48 | 2.4 | 0.22 |
| 4/13/2012 | 23:35:24 | 20.32 | 1.258 | 18.9 | 12.362 | 7.14 | 22.3 | 46 | 2.4 | 0.22 |
| 4/13/2012 | 23:40:24 | 20.32 | 1.258 | 18.9 | 12.361 | 7.13 | 22.7 | 43 | 2.4 | 0.22 |
| 4/13/2012 | 23:45:24 | 20.32 | 1.258 | 18.9 | 12.36 | 7.13 | 22.8 | 40 | 2.4 | 0.22 |
| 4/13/2012 | 23:50:24 | 20.32 | 1.258 | 18.9 | 12.358 | 7.12 | 23.4 | 43 | 2.4 | 0.22 |
| 4/13/2012 | 23:55:24 | 20.32 | 1.258 | 18.9 | 12.358 | 7.13 | 22.9 | 40 | 2.4 | 0.22 |
| 4/14/2012 | 0:00:24 | 20.32 | 1.258 | 18.9 | 12.357 | 7.12 | 22.9 | 34 | 2.4 | 0.22 |
| 4/14/2012 | 0:05:24 | 20.32 | 1.258 | 18.9 | 12.358 | 7.12 | 23.1 | 36 | 2.4 | 0.22 |
| 4/14/2012 | 0:10:24 | 20.32 | 1.258 | 18.9 | 12.355 | 7.13 | 22.8 | 36 | 2.4 | 0.22 |
| 4/14/2012 | 0:15:24 | 20.32 | 1.258 | 18.9 | 12.354 | 7.14 | 22.1 | 34 | 2.4 | 0.22 |
| 4/14/2012 | 0:20:24 | 20.32 | 1.258 | 18.9 | 12.355 | 7.13 | 22.6 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 0:25:24 | 20.32 | 1.258 | 18.9 | 12.354 | 7.12 | 23.2 | 32 | 2.4 | 0.22 |
| 4/14/2012 | 0:30:24 | 20.32 | 1.258 | 18.9 | 12.352 | 7.13 | 22.6 | 32 | 2.4 | 0.22 |
| 4/14/2012 | 0:35:24 | 20.32 | 1.258 | 18.9 | 12.352 | 7.12 | 23.3 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 0:40:24 | 20.32 | 1.258 | 18.9 | 12.353 | 7.1 | 24.6 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 0:45:24 | 20.32 | 1.257 | 18.9 | 12.349 | 7.13 | 22.7 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 0:50:24 | 20.32 | 1.258 | 18.9 | 12.348 | 7.1 | 24.7 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 0:55:24 | 20.32 | 1.258 | 18.9 | 12.348 | 7.11 | 23.6 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 1:00:24 | 20.32 | 1.258 | 18.9 | 12.349 | 7.12 | 23.3 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 1:05:24 | 20.32 | 1.257 | 18.9 | 12.347 | 7.11 | 24 | 29 | 2.4 | 0.22 |
| 4/14/2012 | 1:10:24 | 20.32 | 1.257 | 18.9 | 12.349 | 7.11 | 23.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 1:15:24 | 20.32 | 1.258 | 18.9 | 12.349 | 7.11 | 23.6 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 1:20:24 | 20.32 | 1.258 | 18.9 | 12.351 | 7.11 | 23.5 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 1:25:24 | 20.32 | 1.257 | 18.9 | 12.35 | 7.12 | 23.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 1:30:24 | 20.32 | 1.257 | 18.9 | 12.352 | 7.12 | 23.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 1:35:24 | 20.32 | 1.257 | 18.9 | 12.35 | 7.08 | 25.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 1:40:24 | 20.32 | 1.257 | 18.9 | 12.35 | 7.1 | 24.3 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 1:45:24 | 20.32 | 1.257 | 18.9 | 12.352 | 7.12 | 23.5 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 1:50:24 | 20.32 | 1.258 | 18.9 | 12.347 | 7.11 | 24 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 1:55:24 | 20.32 | 1.257 | 18.9 | 12.347 | 7.11 | 23.8 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 2:00:24 | 20.32 | 1.257 | 18.9 | 12.347 | 7.1 | 24.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 2:05:24 | 20.32 | 1.258 | 18.9 | 12.346 | 7.1 | 24.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 2:10:24 | 20.32 | 1.258 | 18.9 | 12.345 | 7.1 | 24.5 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 2:15:24 | 20.32 | 1.257 | 18.9 | 12.344 | 7.1 | 24.6 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 2:20:24 | 20.32 | 1.257 | 18.9 | 12.345 | 7.1 | 24.5 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 2:25:24 | 20.32 | 1.257 | 18.9 | 12.345 | 7.09 | 24.8 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 2:30:24 | 20.32 | 1.258 | 18.9 | 12.348 | 7.09 | 25 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 2:35:24 | 20.32 | 1.257 | 18.9 | 12.349 | 7.09 | 25.1 | 23 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 2:40:24 | 20.32 | 1.257 | 18.9 | 12.35 | 7.08 | 25.4 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 2:45:24 | 20.32 | 1.257 | 18.9 | 12.351 | 7.08 | 25.8 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 2:50:24 | 20.32 | 1.257 | 18.9 | 12.353 | 7.07 | 25.9 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 2:55:24 | 20.32 | 1.257 | 18.9 | 12.354 | 7.07 | 26.1 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 3:00:24 | 20.32 | 1.257 | 18.9 | 12.354 | 7.07 | 26.1 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 3:05:24 | 20.33 | 1.257 | 18.9 | 12.356 | 7.07 | 26.2 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 3:10:24 | 20.32 | 1.257 | 18.9 | 12.357 | 7.07 | 26.3 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 3:15:24 | 20.32 | 1.257 | 18.9 | 12.359 | 7.06 | 26.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 3:20:24 | 20.32 | 1.257 | 18.9 | 12.36 | 7.06 | 27 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 3:25:24 | 20.33 | 1.258 | 18.9 | 12.362 | 7.05 | 27.3 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 3:30:24 | 20.32 | 1.257 | 18.9 | 12.363 | 7.03 | 28.3 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 3:35:24 | 20.32 | 1.257 | 18.9 | 12.363 | 7.03 | 28.2 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 3:40:24 | 20.32 | 1.257 | 18.91 | 12.368 | 7.02 | 28.8 | 29 | 2.4 | 0.22 |
| 4/14/2012 | 3:45:24 | 20.32 | 1.257 | 18.91 | 12.368 | 7.01 | 29.3 | 31 | 2.4 | 0.22 |
| 4/14/2012 | 3:50:24 | 20.32 | 1.257 | 18.91 | 12.372 | 7.01 | 29.7 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 3:55:24 | 20.32 | 1.257 | 18.91 | 12.376 | 7.01 | 29.5 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 4:00:24 | 20.32 | 1.257 | 18.91 | 12.379 | 7.01 | 29.7 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 4:05:24 | 20.32 | 1.257 | 18.91 | 12.38 | 7 | 30.2 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 4:10:24 | 20.32 | 1.257 | 18.91 | 12.384 | 7.01 | 29.8 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 4:15:24 | 20.33 | 1.257 | 18.91 | 12.384 | 7 | 30.2 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 4:20:24 | 20.32 | 1.257 | 18.91 | 12.386 | 6.99 | 30.9 | 29 | 2.4 | 0.22 |
| 4/14/2012 | 4:25:24 | 20.33 | 1.257 | 18.92 | 12.387 | 7 | 30.3 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 4:30:24 | 20.33 | 1.257 | 18.92 | 12.392 | 7.01 | 29.6 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 4:35:24 | 20.32 | 1.257 | 18.92 | 12.396 | 7.01 | 29.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 4:40:24 | 20.33 | 1.257 | 18.92 | 12.398 | 6.99 | 30.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 4:45:24 | 20.33 | 1.257 | 18.92 | 12.402 | 6.99 | 30.7 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 4:50:24 | 20.33 | 1.257 | 18.92 | 12.405 | 6.98 | 31.3 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 4:55:24 | 20.33 | 1.257 | 18.93 | 12.414 | 6.97 | 32 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 5:00:24 | 20.33 | 1.257 | 18.93 | 12.419 | 6.97 | 31.9 | 29 | 2.4 | 0.22 |
| 4/14/2012 | 5:05:24 | 20.33 | 1.257 | 18.93 | 12.428 | 6.97 | 31.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 5:10:24 | 20.33 | 1.257 | 18.94 | 12.436 | 6.96 | 32.5 | 31 | 2.4 | 0.22 |
| 4/14/2012 | 5:15:24 | 20.33 | 1.257 | 18.94 | 12.445 | 6.97 | 32.1 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 5:20:24 | 20.33 | 1.257 | 18.94 | 12.451 | 6.95 | 32.9 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 5:25:24 | 20.33 | 1.257 | 18.95 | 12.459 | 6.95 | 33.2 | 32 | 2.4 | 0.22 |
| 4/14/2012 | 5:30:24 | 20.32 | 1.257 | 18.95 | 12.463 | 6.96 | 32.2 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 5:35:24 | 20.32 | 1.257 | 18.95 | 12.469 | 6.95 | 33.3 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 5:40:24 | 20.33 | 1.257 | 18.95 | 12.473 | 6.95 | 32.9 | 29 | 2.4 | 0.22 |
| 4/14/2012 | 5:45:24 | 20.32 | 1.257 | 18.95 | 12.479 | 6.95 | 32.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 5:50:24 | 20.32 | 1.257 | 18.96 | 12.481 | 6.95 | 33 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 5:55:24 | 20.32 | 1.257 | 18.96 | 12.484 | 6.94 | 33.9 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 6:00:24 | 20.32 | 1.257 | 18.96 | 12.488 | 6.94 | 33.6 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 6:05:24 | 20.32 | 1.257 | 18.96 | 12.492 | 6.94 | 33.4 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 6:10:24 | 20.32 | 1.257 | 18.96 | 12.497 | 6.94 | 33.4 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 6:15:24 | 20.32 | 1.257 | 18.96 | 12.497 | 6.93 | 34.4 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 6:20:24 | 20.32 | 1.257 | 18.96 | 12.5 | 6.94 | 33.7 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 6:25:24 | 20.32 | 1.257 | 18.97 | 12.504 | 6.95 | 33.2 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 6:30:24 | 20.32 | 1.257 | 18.97 | 12.506 | 6.92 | 34.6 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 6:35:24 | 20.33 | 1.256 | 18.97 | 12.506 | 6.94 | 33.6 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 6:40:24 | 20.33 | 1.257 | 18.97 | 12.509 | 6.94 | 33.8 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 6:45:24 | 20.33 | 1.257 | 18.97 | 12.512 | 6.92 | 34.5 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 6:50:24 | 20.33 | 1.257 | 18.97 | 12.512 | 6.93 | 34.1 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 6:55:24 | 20.33 | 1.257 | 18.97 | 12.513 | 6.94 | 33.9 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 7:00:24 | 20.33 | 1.256 | 18.97 | 12.513 | 6.93 | 34 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 7:05:24 | 20.33 | 1.257 | 18.97 | 12.514 | 6.92 | 35 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 7:10:24 | 20.33 | 1.257 | 18.97 | 12.514 | 6.92 | 34.7 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 7:15:24 | 20.33 | 1.257 | 18.97 | 12.514 | 6.93 | 34.2 | 26 | 2.4 | 0.22 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 7:20:24 | 20.33 | 1.257 | 18.97 | 12.516 | 6.92 | 34.8 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 7:25:24 | 20.33 | 1.256 | 18.97 | 12.517 | 6.91 | 35.2 | 30 | 2.4 | 0.22 |
| 4/14/2012 | 7:30:24 | 20.33 | 1.256 | 18.97 | 12.516 | 6.92 | 35 | 29 | 2.4 | 0.22 |
| 4/14/2012 | 7:35:24 | 20.33 | 1.256 | 18.97 | 12.516 | 6.92 | 34.7 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 7:40:24 | 20.33 | 1.256 | 18.97 | 12.514 | 6.92 | 34.7 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 7:45:24 | 20.33 | 1.257 | 18.97 | 12.514 | 6.91 | 35.6 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 7:50:24 | 20.33 | 1.256 | 18.97 | 12.511 | 6.92 | 34.6 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 7:55:24 | 20.33 | 1.256 | 18.97 | 12.507 | 6.91 | 35.6 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 8:00:24 | 20.33 | 1.256 | 18.97 | 12.505 | 6.92 | 35 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 8:05:24 | 20.33 | 1.256 | 18.96 | 12.502 | 6.9 | 36.3 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 8:10:24 | 20.33 | 1.256 | 18.96 | 12.498 | 6.9 | 36 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 8:15:24 | 20.33 | 1.256 | 18.96 | 12.496 | 6.91 | 35.4 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 8:20:24 | 20.33 | 1.256 | 18.96 | 12.491 | 6.9 | 35.9 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 8:25:24 | 20.33 | 1.256 | 18.96 | 12.485 | 6.91 | 35.6 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 8:30:24 | 20.33 | 1.256 | 18.96 | 12.482 | 6.89 | 36.6 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 8:35:24 | 20.32 | 1.256 | 18.96 | 12.483 | 6.9 | 36 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 8:40:24 | 20.33 | 1.256 | 18.95 | 12.479 | 6.89 | 36.6 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 8:45:24 | 20.33 | 1.256 | 18.95 | 12.478 | 6.89 | 36.5 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 8:50:24 | 20.33 | 1.256 | 18.95 | 12.477 | 6.9 | 36.2 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 8:55:24 | 20.32 | 1.256 | 18.95 | 12.474 | 6.9 | 36 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 9:00:24 | 20.33 | 1.256 | 18.95 | 12.469 | 6.89 | 36.4 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 9:05:24 | 20.33 | 1.256 | 18.95 | 12.466 | 6.88 | 37 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 9:10:24 | 20.33 | 1.256 | 18.95 | 12.462 | 6.89 | 36.7 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 9:15:24 | 20.33 | 1.256 | 18.94 | 12.455 | 6.89 | 36.4 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 9:20:24 | 20.33 | 1.256 | 18.94 | 12.452 | 6.89 | 36.6 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 9:25:24 | 20.33 | 1.256 | 18.94 | 12.448 | 6.88 | 37.2 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 9:30:24 | 20.33 | 1.256 | 18.94 | 12.446 | 6.88 | 37.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 9:35:24 | 20.33 | 1.256 | 18.94 | 12.445 | 6.89 | 36.9 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 9:40:24 | 20.33 | 1.256 | 18.94 | 12.441 | 6.88 | 37.3 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 9:45:24 | 20.33 | 1.256 | 18.94 | 12.443 | 6.88 | 37.2 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 9:50:24 | 20.33 | 1.256 | 18.94 | 12.44 | 6.88 | 37.1 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 9:55:24 | 20.33 | 1.256 | 18.94 | 12.437 | 6.88 | 37.2 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 10:00:24 | 20.33 | 1.256 | 18.94 | 12.437 | 6.87 | 37.5 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 10:05:24 | 20.33 | 1.256 | 18.93 | 12.433 | 6.87 | 38 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 10:10:24 | 20.33 | 1.256 | 18.93 | 12.431 | 6.86 | 38 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 10:15:24 | 20.33 | 1.256 | 18.93 | 12.429 | 6.86 | 38.2 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 10:20:24 | 20.33 | 1.256 | 18.93 | 12.427 | 6.87 | 37.9 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 10:25:24 | 20.33 | 1.256 | 18.93 | 12.425 | 6.87 | 37.9 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 10:30:24 | 20.33 | 1.256 | 18.93 | 12.42 | 6.86 | 38.4 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 10:35:24 | 20.33 | 1.256 | 18.93 | 12.42 | 6.86 | 38.1 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 10:40:24 | 20.33 | 1.256 | 18.93 | 12.415 | 6.85 | 38.7 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 10:45:24 | 20.33 | 1.256 | 18.93 | 12.415 | 6.86 | 38.3 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 10:50:24 | 20.33 | 1.256 | 18.93 | 12.413 | 6.86 | 38.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 10:55:24 | 20.33 | 1.256 | 18.93 | 12.413 | 6.85 | 38.7 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 11:00:24 | 20.33 | 1.256 | 18.93 | 12.411 | 6.85 | 38.9 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 11:05:24 | 20.33 | 1.256 | 18.93 | 12.412 | 6.85 | 39 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 11:10:24 | 20.33 | 1.256 | 18.93 | 12.413 | 6.85 | 38.9 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 11:15:24 | 20.33 | 1.256 | 18.93 | 12.411 | 6.85 | 38.9 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 11:20:24 | 20.33 | 1.256 | 18.92 | 12.408 | 6.85 | 39 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 11:25:24 | 20.33 | 1.256 | 18.92 | 12.408 | 6.84 | 39.6 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 11:30:24 | 20.33 | 1.256 | 18.92 | 12.406 | 6.84 | 39.6 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 11:35:24 | 20.33 | 1.256 | 18.92 | 12.405 | 6.84 | 39.7 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 11:40:24 | 20.33 | 1.256 | 18.92 | 12.403 | 6.84 | 39.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 11:45:24 | 20.33 | 1.256 | 18.92 | 12.4 | 6.84 | 39.5 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 11:50:24 | 20.33 | 1.256 | 18.92 | 12.398 | 6.83 | 40.2 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 11:55:24 | 20.33 | 1.256 | 18.92 | 12.398 | 6.83 | 40 | 27 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 12:00:24 | 20.33 | 1.256 | 18.92 | 12.399 | 6.83 | 40 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 12:05:24 | 20.33 | 1.256 | 18.92 | 12.395 | 6.83 | 40 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 12:10:24 | 20.33 | 1.256 | 18.92 | 12.397 | 6.83 | 40.1 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 12:15:24 | 20.33 | 1.256 | 18.92 | 12.393 | 6.82 | 40.6 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 12:20:24 | 20.33 | 1.256 | 18.92 | 12.395 | 6.82 | 40.7 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 12:25:24 | 20.33 | 1.256 | 18.92 | 12.394 | 6.82 | 40.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 12:30:24 | 20.33 | 1.256 | 18.92 | 12.393 | 6.81 | 41 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 12:35:24 | 20.33 | 1.256 | 18.92 | 12.392 | 6.82 | 40.9 | 28 | 2.4 | 0.22 |
| 4/14/2012 | 12:40:24 | 20.33 | 1.256 | 18.92 | 12.39 | 6.82 | 40.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 12:45:24 | 20.33 | 1.256 | 18.92 | 12.388 | 6.82 | 40.7 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 12:50:24 | 20.33 | 1.256 | 18.91 | 12.384 | 6.82 | 40.9 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 12:55:24 | 20.33 | 1.256 | 18.91 | 12.384 | 6.82 | 40.8 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 13:00:24 | 20.33 | 1.256 | 18.91 | 12.385 | 6.81 | 41.3 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 13:05:24 | 20.33 | 1.256 | 18.91 | 12.38 | 6.81 | 41.2 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 13:10:24 | 20.33 | 1.256 | 18.91 | 12.381 | 6.81 | 41.3 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 13:15:24 | 20.33 | 1.256 | 18.91 | 12.379 | 6.82 | 40.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 13:20:24 | 20.33 | 1.256 | 18.91 | 12.378 | 6.82 | 40.8 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 13:25:24 | 20.33 | 1.256 | 18.91 | 12.378 | 6.82 | 40.3 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 13:30:24 | 20.33 | 1.256 | 18.91 | 12.379 | 6.82 | 40.8 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 13:35:24 | 20.33 | 1.256 | 18.91 | 12.378 | 6.82 | 40.6 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 13:40:24 | 20.33 | 1.256 | 18.91 | 12.374 | 6.82 | 40.4 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 13:45:24 | 20.33 | 1.256 | 18.91 | 12.375 | 6.81 | 41 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 13:50:24 | 20.33 | 1.256 | 18.91 | 12.374 | 6.8 | 41.5 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 13:55:24 | 20.33 | 1.256 | 18.91 | 12.373 | 6.82 | 40.9 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 14:00:24 | 20.33 | 1.256 | 18.91 | 12.371 | 6.8 | 41.5 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 14:05:24 | 20.33 | 1.256 | 18.91 | 12.371 | 6.8 | 41.5 | 27 | 2.4 | 0.22 |
| 4/14/2012 | 14:10:24 | 20.33 | 1.256 | 18.91 | 12.368 | 6.82 | 40.9 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 14:15:24 | 20.33 | 1.255 | 18.91 | 12.368 | 6.81 | 41.3 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 14:20:24 | 20.33 | 1.256 | 18.91 | 12.367 | 6.81 | 41.1 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 14:25:24 | 20.33 | 1.256 | 18.9 | 12.363 | 6.81 | 41.4 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 14:30:24 | 20.33 | 1.256 | 18.9 | 12.364 | 6.8 | 41.7 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 14:35:24 | 20.33 | 1.255 | 18.9 | 12.36 | 6.81 | 41.2 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 14:40:24 | 20.33 | 1.256 | 18.9 | 12.362 | 6.81 | 41.3 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 14:45:24 | 20.33 | 1.255 | 18.9 | 12.36 | 6.8 | 41.6 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 14:50:24 | 20.33 | 1.256 | 18.9 | 12.361 | 6.8 | 42 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 14:55:24 | 20.33 | 1.256 | 18.9 | 12.361 | 6.79 | 42.4 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 15:00:24 | 20.33 | 1.255 | 18.9 | 12.36 | 6.8 | 41.9 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 15:05:24 | 20.33 | 1.256 | 18.9 | 12.358 | 6.8 | 41.8 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 15:10:24 | 20.33 | 1.255 | 18.9 | 12.358 | 6.8 | 41.9 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 15:15:24 | 20.33 | 1.256 | 18.9 | 12.359 | 6.8 | 42 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 15:20:24 | 20.33 | 1.255 | 18.9 | 12.359 | 6.8 | 42 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 15:25:24 | 20.33 | 1.256 | 18.9 | 12.356 | 6.8 | 42.1 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 15:30:24 | 20.33 | 1.256 | 18.9 | 12.356 | 6.79 | 42.4 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 15:35:24 | 20.33 | 1.256 | 18.9 | 12.356 | 6.79 | 42.4 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 15:40:24 | 20.33 | 1.256 | 18.9 | 12.355 | 6.79 | 42.4 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 15:45:24 | 20.33 | 1.256 | 18.9 | 12.354 | 6.79 | 42.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 15:50:24 | 20.33 | 1.255 | 18.9 | 12.352 | 6.79 | 42.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 15:55:24 | 20.33 | 1.255 | 18.9 | 12.351 | 6.79 | 42.6 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 16:00:24 | 20.33 | 1.256 | 18.9 | 12.352 | 6.79 | 42.5 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 16:05:24 | 20.33 | 1.255 | 18.9 | 12.35 | 6.79 | 42.5 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:10:24 | 20.33 | 1.255 | 18.9 | 12.351 | 6.78 | 42.7 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:15:24 | 20.33 | 1.255 | 18.9 | 12.349 | 6.78 | 42.8 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:20:24 | 20.33 | 1.255 | 18.9 | 12.35 | 6.78 | 42.8 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:25:24 | 20.33 | 1.256 | 18.9 | 12.35 | 6.78 | 43 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:30:24 | 20.33 | 1.255 | 18.9 | 12.352 | 6.77 | 43.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:35:24 | 20.33 | 1.255 | 18.9 | 12.351 | 6.77 | 43.5 | 26 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 16:40:24 | 20.33 | 1.255 | 18.9 | 12.352 | 6.76 | 44.1 | 26 | 2.4 | 0.22 |
| 4/14/2012 | 16:45:24 | 20.33 | 1.255 | 18.9 | 12.353 | 6.76 | 44 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:50:24 | 20.33 | 1.255 | 18.9 | 12.354 | 6.77 | 43.6 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 16:55:24 | 20.33 | 1.255 | 18.9 | 12.355 | 6.77 | 43.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 17:00:24 | 20.33 | 1.255 | 18.9 | 12.357 | 6.77 | 43.7 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 17:05:24 | 20.33 | 1.255 | 18.9 | 12.358 | 6.76 | 44.1 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 17:10:24 | 20.33 | 1.255 | 18.9 | 12.357 | 6.77 | 43.5 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 17:15:24 | 20.33 | 1.255 | 18.9 | 12.36 | 6.77 | 43.5 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 17:20:24 | 20.33 | 1.255 | 18.9 | 12.363 | 6.77 | 43.5 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 17:25:24 | 20.33 | 1.255 | 18.9 | 12.361 | 6.77 | 43.5 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 17:30:24 | 20.33 | 1.255 | 18.91 | 12.368 | 6.77 | 43.6 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 17:35:24 | 20.33 | 1.255 | 18.91 | 12.37 | 6.77 | 43.5 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 17:40:24 | 20.33 | 1.255 | 18.91 | 12.368 | 6.77 | 43.6 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 17:45:24 | 20.33 | 1.255 | 18.91 | 12.37 | 6.76 | 43.9 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 17:50:24 | 20.33 | 1.255 | 18.91 | 12.371 | 6.76 | 44.3 | 25 | 2.4 | 0.22 |
| 4/14/2012 | 17:55:24 | 20.33 | 1.255 | 18.91 | 12.374 | 6.77 | 43.5 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 18:00:24 | 20.33 | 1.255 | 18.91 | 12.374 | 6.77 | 43.6 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 18:05:24 | 20.33 | 1.255 | 18.91 | 12.376 | 6.76 | 43.8 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 18:10:24 | 20.33 | 1.255 | 18.91 | 12.379 | 6.76 | 44.4 | 24 | 2.4 | 0.22 |
| 4/14/2012 | 18:15:24 | 20.33 | 1.255 | 18.91 | 12.38 | 6.77 | 43.8 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 18:20:24 | 20.33 | 1.255 | 18.91 | 12.383 | 6.76 | 43.9 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 18:25:24 | 20.33 | 1.255 | 18.91 | 12.384 | 6.77 | 43.8 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 18:30:24 | 20.33 | 1.255 | 18.91 | 12.384 | 6.76 | 44.1 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 18:35:24 | 20.33 | 1.255 | 18.92 | 12.387 | 6.76 | 44 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 18:40:24 | 20.33 | 1.254 | 18.92 | 12.388 | 6.76 | 44.3 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 18:45:24 | 20.33 | 1.255 | 18.92 | 12.389 | 6.76 | 44.2 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 18:50:24 | 20.33 | 1.255 | 18.92 | 12.39 | 6.76 | 44 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 18:55:24 | 20.33 | 1.255 | 18.92 | 12.391 | 6.76 | 44.1 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 19:00:24 | 20.33 | 1.255 | 18.92 | 12.391 | 6.76 | 44.3 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 19:05:24 | 20.33 | 1.254 | 18.92 | 12.394 | 6.75 | 44.4 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 19:10:24 | 20.33 | 1.255 | 18.92 | 12.393 | 6.76 | 44.3 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 19:15:24 | 20.33 | 1.255 | 18.92 | 12.392 | 6.76 | 44.3 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 19:20:24 | 20.33 | 1.254 | 18.92 | 12.392 | 6.76 | 44.2 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 19:25:24 | 20.33 | 1.254 | 18.92 | 12.393 | 6.76 | 44 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 19:30:24 | 20.33 | 1.255 | 18.92 | 12.393 | 6.75 | 44.4 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 19:35:24 | 20.33 | 1.254 | 18.92 | 12.393 | 6.76 | 44.1 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 19:40:24 | 20.33 | 1.255 | 18.92 | 12.39 | 6.76 | 44.1 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 19:45:24 | 20.33 | 1.254 | 18.92 | 12.392 | 6.76 | 44 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 19:50:24 | 20.33 | 1.255 | 18.92 | 12.389 | 6.75 | 44.7 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 19:55:24 | 20.33 | 1.254 | 18.92 | 12.387 | 6.75 | 44.7 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 20:00:24 | 20.33 | 1.255 | 18.91 | 12.385 | 6.75 | 44.6 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 20:05:24 | 20.33 | 1.255 | 18.91 | 12.382 | 6.76 | 44.3 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 20:10:24 | 20.33 | 1.255 | 18.91 | 12.379 | 6.75 | 44.6 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 20:15:24 | 20.33 | 1.254 | 18.91 | 12.379 | 6.75 | 44.8 | 22 | 2.4 | 0.22 |
| 4/14/2012 | 20:20:24 | 20.33 | 1.255 | 18.91 | 12.377 | 6.75 | 44.9 | 23 | 2.4 | 0.22 |
| 4/14/2012 | 20:25:24 | 20.33 | 1.254 | 18.91 | 12.373 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 20:30:24 | 20.33 | 1.254 | 18.91 | 12.372 | 6.76 | 43.9 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 20:35:24 | 20.33 | 1.255 | 18.91 | 12.369 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 20:40:24 | 20.33 | 1.254 | 18.91 | 12.366 | 6.76 | 44 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 20:45:24 | 20.33 | 1.254 | 18.91 | 12.366 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 20:50:24 | 20.33 | 1.254 | 18.9 | 12.364 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 20:55:24 | 20.33 | 1.254 | 18.9 | 12.36 | 6.75 | 44.6 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 21:00:24 | 20.33 | 1.254 | 18.9 | 12.357 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 21:05:24 | 20.33 | 1.254 | 18.9 | 12.354 | 6.75 | 44.7 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 21:10:24 | 20.33 | 1.254 | 18.9 | 12.35 | 6.76 | 44.3 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 21:15:24 | 20.33 | 1.254 | 18.9 | 12.349 | 6.75 | 44.4 | 20 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 21:20:24 | 20.33 | 1.254 | 18.9 | 12.347 | 6.76 | 44.1 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 21:25:24 | 20.33 | 1.254 | 18.9 | 12.345 | 6.77 | 43.8 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 21:30:24 | 20.33 | 1.254 | 18.9 | 12.343 | 6.76 | 43.8 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 21:35:24 | 20.33 | 1.254 | 18.9 | 12.344 | 6.76 | 44 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 21:40:24 | 20.33 | 1.254 | 18.89 | 12.339 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 21:45:24 | 20.33 | 1.254 | 18.89 | 12.337 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/14/2012 | 21:50:24 | 20.33 | 1.254 | 18.89 | 12.333 | 6.75 | 44.5 | 21 | 2.4 | 0.22 |
| 4/14/2012 | 21:55:24 | 20.33 | 1.254 | 18.89 | 12.333 | 6.76 | 44.1 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 22:00:24 | 20.33 | 1.254 | 18.89 | 12.332 | 6.75 | 44.5 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 22:05:24 | 20.33 | 1.254 | 18.89 | 12.331 | 6.75 | 44.5 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 22:10:24 | 20.33 | 1.254 | 18.89 | 12.329 | 6.76 | 44.3 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:15:24 | 20.33 | 1.254 | 18.89 | 12.329 | 6.76 | 44.1 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 22:20:24 | 20.33 | 1.254 | 18.89 | 12.328 | 6.76 | 44.2 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:25:24 | 20.33 | 1.254 | 18.89 | 12.327 | 6.76 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:30:24 | 20.33 | 1.254 | 18.89 | 12.322 | 6.75 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:35:24 | 20.33 | 1.254 | 18.89 | 12.322 | 6.76 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:40:24 | 20.33 | 1.254 | 18.89 | 12.319 | 6.76 | 44.3 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:45:24 | 20.33 | 1.253 | 18.89 | 12.319 | 6.76 | 44 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 22:50:24 | 20.33 | 1.254 | 18.88 | 12.315 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 22:55:24 | 20.33 | 1.254 | 18.88 | 12.314 | 6.76 | 44.1 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 23:00:24 | 20.33 | 1.254 | 18.88 | 12.311 | 6.76 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:05:24 | 20.33 | 1.254 | 18.88 | 12.312 | 6.75 | 44.4 | 19 | 2.4 | 0.22 |
| 4/14/2012 | 23:10:24 | 20.33 | 1.254 | 18.88 | 12.309 | 6.75 | 44.6 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:15:24 | 20.33 | 1.254 | 18.88 | 12.31 | 6.75 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:20:24 | 20.33 | 1.253 | 18.88 | 12.309 | 6.75 | 44.5 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:25:24 | 20.33 | 1.253 | 18.88 | 12.307 | 6.75 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:30:24 | 20.33 | 1.253 | 18.88 | 12.306 | 6.75 | 44.4 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:35:24 | 20.33 | 1.254 | 18.88 | 12.306 | 6.76 | 44.1 | 18 | 2.4 | 0.22 |
| 4/14/2012 | 23:40:24 | 20.33 | 1.253 | 18.88 | 12.304 | 6.76 | 44.1 | 17 | 2.4 | 0.22 |
| 4/14/2012 | 23:45:24 | 20.33 | 1.253 | 18.88 | 12.301 | 6.76 | 44 | 17 | 2.4 | 0.22 |
| 4/14/2012 | 23:50:24 | 20.33 | 1.253 | 18.88 | 12.297 | 6.76 | 44 | 17 | 2.4 | 0.22 |
| 4/14/2012 | 23:55:24 | 20.33 | 1.253 | 18.87 | 12.293 | 6.76 | 44.1 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 0:00:24 | 20.33 | 1.253 | 18.87 | 12.293 | 6.76 | 44.1 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 0:10:24 | 20.33 | 1.253 | 18.88 | 12.295 | 6.76 | 44.4 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 0:15:24 | 20.33 | 1.253 | 18.87 | 12.293 | 6.76 | 43.9 | 20 | 2.4 | 0.22 |
| 4/15/2012 | 0:20:24 | 20.33 | 1.253 | 18.87 | 12.294 | 6.76 | 43.8 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 0:25:24 | 20.33 | 1.253 | 18.87 | 12.294 | 6.77 | 43.6 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 0:30:24 | 20.33 | 1.253 | 18.87 | 12.294 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 0:35:24 | 20.33 | 1.253 | 18.87 | 12.294 | 6.77 | 43.5 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 0:40:24 | 20.33 | 1.253 | 18.87 | 12.292 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 0:45:24 | 20.33 | 1.253 | 18.87 | 12.29 | 6.77 | 43.8 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 0:50:24 | 20.33 | 1.253 | 18.87 | 12.29 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 0:55:24 | 20.33 | 1.253 | 18.87 | 12.29 | 6.77 | 43.8 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:00:24 | 20.33 | 1.253 | 18.87 | 12.287 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:05:24 | 20.33 | 1.253 | 18.87 | 12.286 | 6.77 | 43.6 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:10:24 | 20.33 | 1.253 | 18.87 | 12.287 | 6.77 | 43.5 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:15:24 | 20.33 | 1.253 | 18.87 | 12.287 | 6.76 | 43.8 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:20:24 | 20.33 | 1.253 | 18.87 | 12.287 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:25:24 | 20.33 | 1.253 | 18.87 | 12.286 | 6.77 | 43.6 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 1:30:24 | 20.33 | 1.253 | 18.87 | 12.282 | 6.76 | 43.9 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:35:24 | 20.33 | 1.253 | 18.87 | 12.282 | 6.77 | 43.8 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:40:24 | 20.33 | 1.253 | 18.87 | 12.28 | 6.76 | 43.9 | 20 | 2.4 | 0.22 |
| 4/15/2012 | 1:45:24 | 20.33 | 1.253 | 18.87 | 12.279 | 6.76 | 43.9 | 20 | 2.4 | 0.22 |
| 4/15/2012 | 1:50:24 | 20.33 | 1.253 | 18.87 | 12.277 | 6.76 | 44 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 1:55:24 | 20.33 | 1.253 | 18.87 | 12.276 | 6.76 | 44.1 | 20 | 2.4 | 0.22 |
| 4/15/2012 | 2:00:24 | 20.33 | 1.253 | 18.87 | 12.274 | 6.76 | 44.3 | 20 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 2:05:24 | 20.33 | 1.253 | 18.87 | 12.273 | 6.76 | 44 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:10:24 | 20.33 | 1.253 | 18.86 | 12.27 | 6.75 | 44.4 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:15:24 | 20.33 | 1.253 | 18.86 | 12.271 | 6.76 | 44.1 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:20:24 | 20.33 | 1.253 | 18.86 | 12.268 | 6.76 | 44.2 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:25:24 | 20.33 | 1.253 | 18.86 | 12.268 | 6.76 | 44.4 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:30:24 | 20.33 | 1.253 | 18.86 | 12.266 | 6.76 | 44.3 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 2:35:24 | 20.33 | 1.253 | 18.86 | 12.267 | 6.75 | 44.4 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:40:24 | 20.33 | 1.253 | 18.86 | 12.266 | 6.76 | 44.3 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:45:24 | 20.33 | 1.253 | 18.86 | 12.265 | 6.76 | 44.3 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:50:24 | 20.33 | 1.253 | 18.86 | 12.263 | 6.75 | 44.7 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 2:55:24 | 20.33 | 1.253 | 18.86 | 12.263 | 6.75 | 44.6 | 19 | 2.4 | 0.22 |
| 4/15/2012 | 3:00:24 | 20.33 | 1.253 | 18.86 | 12.261 | 6.75 | 44.4 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:05:24 | 20.33 | 1.253 | 18.86 | 12.262 | 6.75 | 44.5 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:10:24 | 20.33 | 1.253 | 18.86 | 12.265 | 6.76 | 44.3 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:15:24 | 20.33 | 1.253 | 18.86 | 12.262 | 6.76 | 44.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:20:24 | 20.33 | 1.253 | 18.86 | 12.261 | 6.77 | 43.8 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:25:24 | 20.33 | 1.253 | 18.86 | 12.261 | 6.77 | 43.5 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:30:24 | 20.33 | 1.253 | 18.86 | 12.259 | 6.78 | 43.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:35:24 | 20.33 | 1.253 | 18.86 | 12.261 | 6.78 | 43.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:40:24 | 20.33 | 1.253 | 18.86 | 12.258 | 6.78 | 43.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:45:24 | 20.33 | 1.253 | 18.86 | 12.259 | 6.78 | 43.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:50:24 | 20.33 | 1.253 | 18.86 | 12.26 | 6.78 | 43.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 3:55:24 | 20.33 | 1.254 | 18.86 | 12.258 | 6.78 | 43.1 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 4:00:24 | 20.33 | 1.253 | 18.86 | 12.261 | 6.78 | 42.8 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 4:05:24 | 20.33 | 1.253 | 18.86 | 12.26 | 6.78 | 43 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 4:10:24 | 20.33 | 1.253 | 18.86 | 12.26 | 6.77 | 43.3 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 4:15:24 | 20.33 | 1.253 | 18.86 | 12.26 | 6.78 | 43.2 | 18 | 2.4 | 0.22 |
| 4/15/2012 | 4:20:24 | 20.33 | 1.253 | 18.86 | 12.26 | 6.78 | 43 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 4:25:24 | 20.33 | 1.253 | 18.86 | 12.261 | 6.78 | 42.8 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 4:30:24 | 20.33 | 1.254 | 18.86 | 12.261 | 6.78 | 42.7 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 4:35:24 | 20.33 | 1.253 | 18.86 | 12.259 | 6.78 | 43 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 4:40:24 | 20.33 | 1.254 | 18.86 | 12.259 | 6.78 | 42.9 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 4:45:24 | 20.33 | 1.254 | 18.86 | 12.26 | 6.78 | 42.8 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 4:50:24 | 20.33 | 1.253 | 18.86 | 12.259 | 6.79 | 42.5 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 4:55:24 | 20.33 | 1.254 | 18.86 | 12.26 | 6.78 | 42.8 | 17 | 2.4 | 0.22 |
| 4/15/2012 | 5:00:24 | 20.33 | 1.254 | 18.86 | 12.26 | 6.78 | 42.8 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 5:05:24 | 20.33 | 1.254 | 18.86 | 12.259 | 6.79 | 42.5 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 5:10:24 | 20.33 | 1.253 | 18.86 | 12.263 | 6.79 | 42.5 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:15:24 | 20.33 | 1.254 | 18.86 | 12.263 | 6.79 | 42.5 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:20:24 | 20.33 | 1.254 | 18.86 | 12.265 | 6.79 | 42.5 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:25:24 | 20.33 | 1.254 | 18.86 | 12.266 | 6.79 | 42.4 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:30:24 | 20.33 | 1.254 | 18.86 | 12.265 | 6.79 | 42.5 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 5:35:24 | 20.33 | 1.254 | 18.86 | 12.266 | 6.79 | 42.3 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:40:24 | 20.33 | 1.254 | 18.86 | 12.269 | 6.79 | 42.3 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:45:24 | 20.33 | 1.254 | 18.86 | 12.268 | 6.79 | 42.4 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 5:50:24 | 20.33 | 1.254 | 18.86 | 12.269 | 6.78 | 43 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 5:55:24 | 20.33 | 1.254 | 18.86 | 12.271 | 6.78 | 42.8 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:00:24 | 20.33 | 1.253 | 18.87 | 12.273 | 6.78 | 43.2 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 6:05:24 | 20.33 | 1.253 | 18.87 | 12.275 | 6.78 | 42.8 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:10:24 | 20.33 | 1.254 | 18.87 | 12.274 | 6.78 | 43 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:15:24 | 20.33 | 1.254 | 18.87 | 12.277 | 6.78 | 43.2 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 6:20:24 | 20.33 | 1.254 | 18.87 | 12.276 | 6.78 | 43 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:25:24 | 20.33 | 1.254 | 18.87 | 12.277 | 6.78 | 43.2 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:30:24 | 20.33 | 1.254 | 18.87 | 12.28 | 6.78 | 43.1 | 16 | 2.4 | 0.22 |
| 4/15/2012 | 6:35:24 | 20.33 | 1.254 | 18.87 | 12.282 | 6.78 | 43 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:40:24 | 20.33 | 1.254 | 18.87 | 12.282 | 6.78 | 43 | 15 | 2.4 | 0.22 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 6:45:24 | 20.33 | 1.254 | 18.87 | 12.282 | 6.78 | 42.8 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:50:24 | 20.33 | 1.254 | 18.87 | 12.284 | 6.78 | 43 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 6:55:24 | 20.33 | 1.254 | 18.87 | 12.286 | 6.78 | 42.8 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 7:00:24 | 20.33 | 1.254 | 18.87 | 12.284 | 6.78 | 42.8 | 15 | 2.4 | 0.22 |
| 4/15/2012 | 7:05:24 | 20.33 | 1.254 | 18.87 | 12.285 | 6.78 | 42.9 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:10:24 | 20.33 | 1.254 | 18.87 | 12.288 | 6.78 | 42.8 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:15:24 | 20.33 | 1.254 | 18.87 | 12.289 | 6.78 | 42.7 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:20:24 | 20.33 | 1.254 | 18.87 | 12.29 | 6.78 | 43.1 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:25:24 | 20.33 | 1.253 | 18.87 | 12.292 | 6.78 | 43.2 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:30:24 | 20.33 | 1.254 | 18.87 | 12.293 | 6.77 | 43.3 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 7:35:24 | 20.33 | 1.254 | 18.87 | 12.294 | 6.78 | 43.1 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 7:40:24 | 20.33 | 1.254 | 18.87 | 12.294 | 6.78 | 43 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 7:45:24 | 20.33 | 1.253 | 18.88 | 12.295 | 6.78 | 43.2 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:50:24 | 20.33 | 1.254 | 18.88 | 12.296 | 6.78 | 43.2 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 7:55:24 | 20.33 | 1.254 | 18.88 | 12.297 | 6.77 | 43.3 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 8:00:24 | 20.33 | 1.254 | 18.88 | 12.298 | 6.78 | 43.1 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 8:05:24 | 20.33 | 1.254 | 18.88 | 12.3 | 6.78 | 43.2 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 8:10:24 | 20.33 | 1.254 | 18.88 | 12.301 | 6.78 | 43.1 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 8:15:24 | 20.33 | 1.253 | 18.88 | 12.301 | 6.78 | 43.2 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 8:20:24 | 20.33 | 1.254 | 18.88 | 12.303 | 6.77 | 43.3 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 8:25:24 | 20.33 | 1.253 | 18.88 | 12.303 | 6.77 | 43.3 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 8:30:24 | 20.33 | 1.254 | 18.88 | 12.303 | 6.77 | 43.3 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 8:35:24 | 20.33 | 1.253 | 18.88 | 12.302 | 6.77 | 43.3 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 8:40:24 | 20.33 | 1.254 | 18.88 | 12.304 | 6.77 | 43.3 | 13 | 2.4 | 0.22 |
| 4/15/2012 | 8:45:24 | 20.33 | 1.254 | 18.88 | 12.302 | 6.78 | 43.1 | 12 | 2.4 | 0.22 |
| 4/15/2012 | 8:50:24 | 20.33 | 1.254 | 18.88 | 12.3 | 6.78 | 43.2 | 12 | 2.4 | 0.22 |
| 4/15/2012 | 8:55:24 | 20.33 | 1.253 | 18.88 | 12.299 | 6.77 | 43.3 | 12 | 2.4 | 0.22 |
| 4/15/2012 | 9:00:24 | 20.33 | 1.254 | 18.88 | 12.299 | 6.77 | 43.3 | 12 | 2.4 | 0.22 |
| 4/15/2012 | 9:05:24 | 20.33 | 1.254 | 18.88 | 12.295 | 6.78 | 42.8 | 12 | 2.4 | 0.22 |
| 4/15/2012 | 9:10:24 | 20.33 | 1.254 | 18.87 | 12.292 | 6.77 | 43.3 | 14 | 2.4 | 0.22 |
| 4/15/2012 | 9:15:24 | 20.33 | 1.253 | 18.87 | 12.288 | 6.78 | 43 | 12 | 2.4 | 0.22 |
| 4/15/2012 | 9:20:24 | 20.33 | 1.254 | 18.87 | 12.286 | 6.78 | 42.9 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 9:25:24 | 20.33 | 1.253 | 18.87 | 12.286 | 6.78 | 43.1 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 9:30:24 | 20.33 | 1.254 | 18.87 | 12.283 | 6.78 | 42.8 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 9:35:24 | 20.33 | 1.254 | 18.87 | 12.282 | 6.78 | 43 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 9:40:24 | 20.33 | 1.254 | 18.87 | 12.282 | 6.77 | 43.5 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 9:45:24 | 20.33 | 1.253 | 18.87 | 12.28 | 6.77 | 43.5 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 9:50:24 | 20.33 | 1.254 | 18.87 | 12.278 | 6.77 | 43.6 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 9:55:24 | 20.33 | 1.254 | 18.87 | 12.277 | 6.77 | 43.6 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 10:00:24 | 20.33 | 1.254 | 18.87 | 12.276 | 6.77 | 43.6 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:05:24 | 20.33 | 1.254 | 18.87 | 12.277 | 6.77 | 43.8 | 11 | 2.4 | 0.22 |
| 4/15/2012 | 10:10:24 | 20.33 | 1.254 | 18.87 | 12.274 | 6.77 | 43.8 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 10:15:24 | 20.33 | 1.254 | 18.87 | 12.275 | 6.77 | 43.5 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 10:20:24 | 20.33 | 1.254 | 18.87 | 12.274 | 6.77 | 43.7 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:25:24 | 20.33 | 1.253 | 18.87 | 12.273 | 6.77 | 43.8 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:30:24 | 20.33 | 1.254 | 18.87 | 12.272 | 6.77 | 43.8 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:35:24 | 20.33 | 1.254 | 18.86 | 12.27 | 6.77 | 43.5 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:40:24 | 20.33 | 1.254 | 18.86 | 12.269 | 6.77 | 43.8 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 10:45:24 | 20.33 | 1.254 | 18.86 | 12.267 | 6.76 | 43.9 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:50:24 | 20.33 | 1.254 | 18.86 | 12.265 | 6.76 | 44.1 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 10:55:24 | 20.33 | 1.253 | 18.86 | 12.264 | 6.76 | 44.1 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 11:00:24 | 20.33 | 1.253 | 18.86 | 12.263 | 6.76 | 44 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 11:05:24 | 20.33 | 1.253 | 18.86 | 12.264 | 6.76 | 44.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 11:10:24 | 20.33 | 1.253 | 18.86 | 12.262 | 6.75 | 44.7 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 11:15:24 | 20.33 | 1.253 | 18.86 | 12.263 | 6.75 | 44.9 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:20:24 | 20.33 | 1.253 | 18.86 | 12.265 | 6.75 | 44.7 | 8 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 11:25:24 | 20.33 | 1.253 | 18.86 | 12.263 | 6.75 | 44.7 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:30:24 | 20.33 | 1.253 | 18.86 | 12.258 | 6.74 | 45 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:35:24 | 20.33 | 1.253 | 18.86 | 12.26 | 6.75 | 44.8 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:40:24 | 20.33 | 1.253 | 18.86 | 12.256 | 6.74 | 45.1 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:45:24 | 20.33 | 1.253 | 18.86 | 12.255 | 6.74 | 45.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:50:24 | 20.33 | 1.253 | 18.86 | 12.256 | 6.74 | 45.5 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 11:55:24 | 20.33 | 1.253 | 18.86 | 12.256 | 6.73 | 45.7 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:00:24 | 20.33 | 1.253 | 18.86 | 12.256 | 6.74 | 45 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:05:24 | 20.33 | 1.253 | 18.86 | 12.254 | 6.74 | 45.2 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 12:10:24 | 20.33 | 1.253 | 18.86 | 12.252 | 6.74 | 45.4 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:15:24 | 20.33 | 1.253 | 18.86 | 12.251 | 6.74 | 45.2 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:20:24 | 20.33 | 1.253 | 18.85 | 12.249 | 6.75 | 45 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:25:24 | 20.33 | 1.253 | 18.86 | 12.251 | 6.74 | 45 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:30:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.74 | 45.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 12:35:24 | 20.33 | 1.253 | 18.86 | 12.251 | 6.73 | 45.7 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 12:40:24 | 20.33 | 1.253 | 18.86 | 12.251 | 6.74 | 45.4 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 12:45:24 | 20.33 | 1.253 | 18.86 | 12.25 | 6.74 | 45.2 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 12:50:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.73 | 45.6 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 12:55:24 | 20.33 | 1.253 | 18.85 | 12.247 | 6.74 | 45.2 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 13:00:24 | 20.33 | 1.253 | 18.86 | 12.249 | 6.74 | 45.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 13:05:24 | 20.33 | 1.253 | 18.85 | 12.249 | 6.74 | 45.2 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 13:10:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.74 | 45.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 13:15:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.74 | 45.5 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 13:20:24 | 20.33 | 1.253 | 18.85 | 12.247 | 6.74 | 45.2 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 13:25:24 | 20.33 | 1.253 | 18.85 | 12.245 | 6.73 | 45.6 | 9 | 2.4 | 0.21 |
| 4/15/2012 | 13:30:24 | 20.33 | 1.253 | 18.85 | 12.245 | 6.73 | 45.8 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 13:35:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.72 | 46.5 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 13:40:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.74 | 45.4 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 13:45:24 | 20.33 | 1.253 | 18.85 | 12.245 | 6.73 | 45.6 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 13:50:24 | 20.33 | 1.253 | 18.85 | 12.248 | 6.73 | 45.6 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 13:55:24 | 20.33 | 1.253 | 18.85 | 12.246 | 6.73 | 45.7 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:00:24 | 20.33 | 1.253 | 18.85 | 12.245 | 6.73 | 46 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 14:05:24 | 20.33 | 1.253 | 18.85 | 12.242 | 6.73 | 45.7 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:10:24 | 20.33 | 1.253 | 18.85 | 12.245 | 6.74 | 45.5 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:15:24 | 20.33 | 1.253 | 18.85 | 12.243 | 6.73 | 45.8 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 14:20:24 | 20.33 | 1.253 | 18.85 | 12.242 | 6.73 | 46 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 14:25:24 | 20.33 | 1.253 | 18.85 | 12.242 | 6.72 | 46.2 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:30:24 | 20.33 | 1.253 | 18.85 | 12.243 | 6.72 | 46.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:35:24 | 20.33 | 1.253 | 18.85 | 12.239 | 6.72 | 46.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:40:24 | 20.33 | 1.253 | 18.85 | 12.238 | 6.73 | 46.1 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:45:24 | 20.33 | 1.253 | 18.85 | 12.239 | 6.72 | 46.1 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 14:50:24 | 20.33 | 1.253 | 18.85 | 12.238 | 6.72 | 46.2 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 14:55:24 | 20.33 | 1.253 | 18.85 | 12.236 | 6.72 | 46.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:00:24 | 20.33 | 1.253 | 18.85 | 12.236 | 6.72 | 46.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:05:24 | 20.33 | 1.253 | 18.85 | 12.237 | 6.72 | 46.6 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 15:10:24 | 20.33 | 1.253 | 18.85 | 12.235 | 6.72 | 46.2 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:15:24 | 20.33 | 1.253 | 18.85 | 12.233 | 6.72 | 46.2 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:20:24 | 20.34 | 1.253 | 18.85 | 12.234 | 6.72 | 46.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:25:24 | 20.33 | 1.253 | 18.85 | 12.233 | 6.72 | 46.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:30:24 | 20.33 | 1.253 | 18.85 | 12.232 | 6.72 | 46.4 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 15:35:24 | 20.34 | 1.253 | 18.85 | 12.232 | 6.72 | 46.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 15:40:24 | 20.33 | 1.253 | 18.85 | 12.231 | 6.67 | 49.1 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 15:45:24 | 20.34 | 1.253 | 18.85 | 12.231 | 6.67 | 49.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:50:24 | 20.34 | 1.254 | 18.85 | 12.231 | 6.66 | 49.7 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 15:55:24 | 20.34 | 1.253 | 18.85 | 12.229 | 6.67 | 49.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 16:00:24 | 20.33 | 1.253 | 18.85 | 12.229 | 6.67 | 49.3 | 9 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 16:05:24 | 20.34 | 1.253 | 18.85 | 12.228 | 6.67 | 49.6 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 16:10:24 | 20.34 | 1.253 | 18.85 | 12.227 | 6.67 | 49.6 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 16:15:24 | 20.34 | 1.253 | 18.85 | 12.229 | 6.67 | 49.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 16:20:24 | 20.33 | 1.254 | 18.85 | 12.23 | 6.67 | 49.1 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 16:25:24 | 20.34 | 1.253 | 18.85 | 12.232 | 6.66 | 49.7 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 16:30:24 | 20.34 | 1.253 | 18.85 | 12.231 | 6.67 | 49.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 16:35:24 | 20.34 | 1.254 | 18.85 | 12.229 | 6.67 | 49.1 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 16:40:24 | 20.33 | 1.254 | 18.85 | 12.23 | 6.66 | 49.7 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 16:45:24 | 20.34 | 1.253 | 18.85 | 12.229 | 6.67 | 49.4 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 16:50:24 | 20.33 | 1.254 | 18.85 | 12.23 | 6.7 | 47.5 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 16:55:24 | 20.34 | 1.253 | 18.85 | 12.232 | 6.67 | 49.1 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:00:24 | 20.34 | 1.254 | 18.85 | 12.232 | 6.66 | 49.7 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 17:05:24 | 20.34 | 1.254 | 18.85 | 12.234 | 6.67 | 49.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:10:24 | 20.34 | 1.253 | 18.85 | 12.235 | 6.67 | 49.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:15:24 | 20.34 | 1.254 | 18.85 | 12.234 | 6.66 | 49.9 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 17:20:24 | 20.34 | 1.254 | 18.85 | 12.238 | 6.7 | 47.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:25:24 | 20.34 | 1.254 | 18.85 | 12.238 | 6.7 | 47.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:30:24 | 20.34 | 1.254 | 18.85 | 12.236 | 6.7 | 47.6 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:35:24 | 20.34 | 1.254 | 18.85 | 12.24 | 6.7 | 47.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:40:24 | 20.34 | 1.254 | 18.85 | 12.24 | 6.69 | 47.9 | 10 | 2.4 | 0.22 |
| 4/15/2012 | 17:45:24 | 20.34 | 1.254 | 18.85 | 12.24 | 6.7 | 47.4 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:50:24 | 20.34 | 1.254 | 18.85 | 12.241 | 6.7 | 47.7 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 17:55:24 | 20.34 | 1.254 | 18.85 | 12.242 | 6.69 | 48.1 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 18:00:24 | 20.34 | 1.254 | 18.85 | 12.244 | 6.69 | 48 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 18:05:24 | 20.34 | 1.254 | 18.85 | 12.244 | 6.69 | 48.3 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 18:10:24 | 20.34 | 1.254 | 18.85 | 12.245 | 6.68 | 48.5 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:15:24 | 20.34 | 1.254 | 18.85 | 12.246 | 6.69 | 48.1 | 9 | 2.4 | 0.22 |
| 4/15/2012 | 18:20:24 | 20.34 | 1.254 | 18.85 | 12.249 | 6.68 | 48.6 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:25:24 | 20.34 | 1.254 | 18.86 | 12.251 | 6.68 | 48.6 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:30:24 | 20.34 | 1.254 | 18.86 | 12.253 | 6.69 | 48 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:35:24 | 20.34 | 1.254 | 18.86 | 12.254 | 6.68 | 48.8 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:40:24 | 20.34 | 1.254 | 18.86 | 12.259 | 6.68 | 48.6 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:45:24 | 20.34 | 1.254 | 18.86 | 12.258 | 6.68 | 48.8 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:50:24 | 20.34 | 1.254 | 18.86 | 12.26 | 6.69 | 48.5 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 18:55:24 | 20.34 | 1.254 | 18.86 | 12.265 | 6.69 | 48.5 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:00:24 | 20.34 | 1.254 | 18.86 | 12.264 | 6.67 | 49.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:05:24 | 20.34 | 1.254 | 18.86 | 12.264 | 6.68 | 49 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:10:24 | 20.34 | 1.254 | 18.86 | 12.266 | 6.67 | 49.1 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:15:24 | 20.34 | 1.254 | 18.86 | 12.266 | 6.67 | 49.2 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:20:24 | 20.34 | 1.254 | 18.86 | 12.27 | 6.67 | 49.3 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:25:24 | 20.34 | 1.254 | 18.86 | 12.271 | 6.67 | 49.2 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:30:24 | 20.34 | 1.254 | 18.87 | 12.274 | 6.66 | 50 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:35:24 | 20.34 | 1.254 | 18.87 | 12.276 | 6.66 | 49.9 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 19:40:24 | 20.34 | 1.254 | 18.87 | 12.278 | 6.66 | 49.8 | 8 | 2.4 | 0.22 |
| 4/15/2012 | 19:45:24 | 20.34 | 1.254 | 18.87 | 12.277 | 6.66 | 49.9 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 19:50:24 | 20.34 | 1.254 | 18.87 | 12.279 | 6.67 | 49.6 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 19:55:24 | 20.34 | 1.254 | 18.87 | 12.28 | 6.66 | 49.7 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:00:24 | 20.34 | 1.254 | 18.87 | 12.281 | 6.66 | 49.9 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:05:24 | 20.34 | 1.254 | 18.87 | 12.285 | 6.66 | 50.2 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:10:24 | 20.34 | 1.254 | 18.87 | 12.285 | 6.66 | 49.8 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:15:24 | 20.34 | 1.254 | 18.87 | 12.284 | 6.66 | 50 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:20:24 | 20.34 | 1.254 | 18.87 | 12.288 | 6.66 | 50.1 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:25:24 | 20.34 | 1.254 | 18.87 | 12.287 | 6.65 | 50.7 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:30:24 | 20.34 | 1.254 | 18.87 | 12.286 | 6.65 | 50.7 | 6 | 2.4 | 0.22 |
| 4/15/2012 | 20:35:24 | 20.34 | 1.254 | 18.87 | 12.287 | 6.65 | 50.3 | 6 | 2.4 | 0.22 |
| 4/15/2012 | 20:40:24 | 20.34 | 1.254 | 18.87 | 12.286 | 6.65 | 50.5 | 6 | 2.4 | 0.22 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 20:45:24 | 20.34 | 1.254 | 18.87 | 12.286 | 6.64 | 51.4 | 6 | 2.4 | 0.22 |
| 4/15/2012 | 20:50:24 | 20.34 | 1.254 | 18.87 | 12.286 | 6.63 | 51.5 | 7 | 2.4 | 0.22 |
| 4/15/2012 | 20:55:24 | 20.33 | 1.254 | 18.87 | 12.285 | 6.64 | 51.1 | 6 | 2.4 | 0.22 |
| 4/15/2012 | 21:00:24 | 20.33 | 1.254 | 18.87 | 12.284 | 6.64 | 51 | 6 | 2.4 | 0.22 |
| 4/15/2012 | 21:05:24 | 20.34 | 1.254 | 18.87 | 12.281 | 6.63 | 51.6 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:10:24 | 20.34 | 1.254 | 18.87 | 12.28 | 6.64 | 51.3 | 6 | 2.4 | 0.22 |
| 4/15/2012 | 21:15:24 | 20.33 | 1.254 | 18.87 | 12.281 | 6.63 | 51.8 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:20:24 | 20.33 | 1.254 | 18.87 | 12.277 | 6.64 | 51.2 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:25:24 | 20.33 | 1.254 | 18.87 | 12.276 | 6.63 | 51.6 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:30:24 | 20.33 | 1.254 | 18.87 | 12.275 | 6.63 | 51.9 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:35:24 | 20.33 | 1.254 | 18.87 | 12.272 | 6.63 | 51.5 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:40:24 | 20.33 | 1.254 | 18.86 | 12.269 | 6.63 | 51.5 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 21:45:24 | 20.33 | 1.254 | 18.86 | 12.265 | 6.63 | 51.8 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 21:50:24 | 20.34 | 1.254 | 18.86 | 12.263 | 6.63 | 51.8 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 21:55:24 | 20.33 | 1.254 | 18.86 | 12.263 | 6.62 | 52.2 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 22:00:24 | 20.33 | 1.254 | 18.86 | 12.26 | 6.62 | 51.9 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 22:05:24 | 20.33 | 1.254 | 18.86 | 12.257 | 6.62 | 52.2 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 22:10:24 | 20.33 | 1.254 | 18.86 | 12.255 | 6.62 | 52.4 | 5 | 2.4 | 0.22 |
| 4/15/2012 | 22:15:24 | 20.33 | 1.254 | 18.86 | 12.252 | 6.62 | 52.4 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 22:20:24 | 20.33 | 1.254 | 18.85 | 12.249 | 6.62 | 52.3 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 22:25:24 | 20.33 | 1.254 | 18.85 | 12.247 | 6.63 | 51.9 | 4 | 2.4 | 0.22 |
| 4/15/2012 | 22:30:24 | 20.33 | 1.254 | 18.85 | 12.244 | 6.63 | 51.8 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 22:35:24 | 20.33 | 1.254 | 18.85 | 12.243 | 6.61 | 52.7 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 22:40:24 | 20.33 | 1.254 | 18.85 | 12.241 | 6.63 | 51.8 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 22:45:24 | 20.33 | 1.254 | 18.85 | 12.239 | 6.62 | 52 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 22:50:24 | 20.33 | 1.253 | 18.85 | 12.239 | 6.63 | 51.9 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 22:55:24 | 20.33 | 1.254 | 18.85 | 12.237 | 6.63 | 51.7 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 23:00:24 | 20.33 | 1.254 | 18.85 | 12.235 | 6.64 | 51.2 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:05:24 | 20.33 | 1.254 | 18.85 | 12.232 | 6.64 | 51.1 | 3 | 2.4 | 0.22 |
| 4/15/2012 | 23:10:24 | 20.33 | 1.254 | 18.85 | 12.23 | 6.64 | 51 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:15:24 | 20.33 | 1.254 | 18.85 | 12.228 | 6.64 | 51 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:20:24 | 20.33 | 1.254 | 18.85 | 12.227 | 6.64 | 50.9 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:25:24 | 20.33 | 1.254 | 18.84 | 12.225 | 6.64 | 51.2 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:30:24 | 20.33 | 1.254 | 18.84 | 12.223 | 6.64 | 50.9 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:35:24 | 20.33 | 1.254 | 18.84 | 12.221 | 6.65 | 50.8 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:40:24 | 20.33 | 1.254 | 18.84 | 12.22 | 6.63 | 51.4 | 2 | 2.4 | 0.22 |
| 4/15/2012 | 23:45:24 | 20.33 | 1.254 | 18.84 | 12.218 | 6.64 | 50.8 | 1 | 2.4 | 0.22 |
| 4/15/2012 | 23:50:24 | 20.33 | 1.254 | 18.84 | 12.216 | 6.64 | 51.1 | 1 | 2.4 | 0.22 |
| 4/15/2012 | 23:55:24 | 20.33 | 1.253 | 18.84 | 12.216 | 6.65 | 50.5 | 1 | 2.4 | 0.22 |
| 4/16/2012 | 0:00:24 | 20.33 | 1.254 | 18.84 | 12.216 | 6.64 | 51.1 | 2 | 2.4 | 0.22 |
| 4/16/2012 | 0:05:24 | 20.33 | 1.254 | 18.84 | 12.215 | 6.64 | 50.8 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 0:10:24 | 20.33 | 1.254 | 18.84 | 12.213 | 6.64 | 51.1 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 0:15:24 | 20.33 | 1.254 | 18.84 | 12.212 | 6.65 | 50.7 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 0:20:24 | 20.33 | 1.254 | 18.84 | 12.211 | 6.64 | 51 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 0:25:24 | 20.33 | 1.254 | 18.84 | 12.21 | 6.65 | 50.5 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 0:30:24 | 20.33 | 1.254 | 18.84 | 12.21 | 6.64 | 51 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 0:35:24 | 20.33 | 1.254 | 18.84 | 12.207 | 6.65 | 50.7 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 0:40:24 | 20.33 | 1.254 | 18.84 | 12.205 | 6.65 | 50.7 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 0:45:24 | 20.33 | 1.253 | 18.84 | 12.204 | 6.64 | 50.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 0:50:24 | 20.33 | 1.254 | 18.83 | 12.203 | 6.64 | 51.1 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 0:55:24 | 20.33 | 1.254 | 18.83 | 12.201 | 6.63 | 51.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:00:24 | 20.33 | 1.254 | 18.84 | 12.203 | 6.64 | 51.1 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:05:24 | 20.33 | 1.254 | 18.83 | 12.201 | 6.64 | 51 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 1:10:24 | 20.34 | 1.254 | 18.84 | 12.205 | 6.64 | 51 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:15:24 | 20.33 | 1.254 | 18.83 | 12.202 | 6.64 | 51 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:20:24 | 20.33 | 1.254 | 18.83 | 12.199 | 6.63 | 51.7 | -1 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 1:25:24 | 20.33 | 1.254 | 18.83 | 12.2 | 6.63 | 51.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:30:24 | 20.34 | 1.254 | 18.83 | 12.197 | 6.64 | 51 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:35:24 | 20.33 | 1.254 | 18.83 | 12.197 | 6.63 | 51.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:40:24 | 20.34 | 1.254 | 18.83 | 12.196 | 6.64 | 51.3 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 1:45:24 | 20.34 | 1.254 | 18.83 | 12.197 | 6.64 | 51.3 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 1:50:24 | 20.33 | 1.254 | 18.83 | 12.196 | 6.64 | 51 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 1:55:24 | 20.34 | 1.254 | 18.83 | 12.192 | 6.64 | 51.2 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 2:00:24 | 20.34 | 1.254 | 18.83 | 12.191 | 6.63 | 51.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:05:24 | 20.34 | 1.253 | 18.83 | 12.191 | 6.63 | 51.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:10:24 | 20.34 | 1.254 | 18.83 | 12.189 | 6.63 | 51.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:15:24 | 20.33 | 1.253 | 18.83 | 12.187 | 6.63 | 51.6 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:20:24 | 20.33 | 1.254 | 18.83 | 12.188 | 6.63 | 51.9 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:25:24 | 20.34 | 1.254 | 18.83 | 12.189 | 6.63 | 51.7 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:30:24 | 20.33 | 1.254 | 18.83 | 12.186 | 6.63 | 51.5 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:35:24 | 20.34 | 1.254 | 18.83 | 12.187 | 6.64 | 51.3 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:40:24 | 20.33 | 1.254 | 18.83 | 12.186 | 6.64 | 51 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:45:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.64 | 51.3 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 2:50:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.64 | 51.1 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 2:55:24 | 20.34 | 1.254 | 18.83 | 12.18 | 6.64 | 51.3 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:00:24 | 20.34 | 1.254 | 18.83 | 12.181 | 6.64 | 50.9 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:05:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.63 | 51.5 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:10:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.63 | 51.5 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 3:15:24 | 20.34 | 1.254 | 18.83 | 12.179 | 6.63 | 51.7 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 3:20:24 | 20.34 | 1.254 | 18.82 | 12.177 | 6.63 | 51.9 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 3:25:24 | 20.34 | 1.253 | 18.82 | 12.174 | 6.61 | 52.6 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:30:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.62 | 52.2 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:35:24 | 20.34 | 1.253 | 18.82 | 12.174 | 6.63 | 51.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:40:24 | 20.34 | 1.254 | 18.82 | 12.171 | 6.63 | 51.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:45:24 | 20.34 | 1.254 | 18.82 | 12.172 | 6.63 | 51.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:50:24 | 20.34 | 1.254 | 18.82 | 12.171 | 6.62 | 52.2 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 3:55:24 | 20.34 | 1.254 | 18.82 | 12.173 | 6.62 | 52.5 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:00:24 | 20.34 | 1.254 | 18.82 | 12.173 | 6.63 | 51.9 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:05:24 | 20.34 | 1.254 | 18.82 | 12.172 | 6.63 | 51.7 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 4:10:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.61 | 52.6 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:15:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.62 | 52.3 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:20:24 | 20.34 | 1.253 | 18.82 | 12.175 | 6.61 | 52.7 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 4:25:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.62 | 52.2 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:30:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.62 | 52.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:35:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.6 | 53.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:40:24 | 20.34 | 1.254 | 18.82 | 12.177 | 6.6 | 53.1 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 4:45:24 | 20.34 | 1.254 | 18.82 | 12.176 | 6.61 | 52.8 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:50:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.6 | 53.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 4:55:24 | 20.34 | 1.254 | 18.82 | 12.176 | 6.61 | 53.1 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:00:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.61 | 52.9 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 5:05:24 | 20.34 | 1.254 | 18.83 | 12.181 | 6.61 | 53 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 5:10:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.6 | 53.5 | 0 | 2.4 | 0.22 |
| 4/16/2012 | 5:15:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.61 | 52.9 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:20:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.61 | 53 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:25:24 | 20.34 | 1.254 | 18.83 | 12.185 | 6.61 | 52.7 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:30:24 | 20.34 | 1.254 | 18.83 | 12.187 | 6.6 | 53.3 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:35:24 | 20.34 | 1.254 | 18.83 | 12.189 | 6.61 | 52.9 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:40:24 | 20.34 | 1.254 | 18.83 | 12.19 | 6.6 | 53.1 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:45:24 | 20.34 | 1.254 | 18.83 | 12.192 | 6.6 | 53.3 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 5:50:24 | 20.34 | 1.254 | 18.83 | 12.195 | 6.61 | 52.6 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 5:55:24 | 20.34 | 1.254 | 18.83 | 12.195 | 6.6 | 53.6 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:00:24 | 20.34 | 1.254 | 18.83 | 12.198 | 6.59 | 54.1 | -1 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 6:05:24 | 20.34 | 1.254 | 18.83 | 12.199 | 6.58 | 54.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 6:10:24 | 20.34 | 1.254 | 18.83 | 12.2 | 6.59 | 53.9 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:15:24 | 20.34 | 1.254 | 18.84 | 12.205 | 6.58 | 54.4 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 6:20:24 | 20.34 | 1.254 | 18.84 | 12.207 | 6.59 | 54 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:25:24 | 20.34 | 1.254 | 18.84 | 12.209 | 6.59 | 53.8 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:30:24 | 20.34 | 1.253 | 18.84 | 12.212 | 6.6 | 53.1 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:35:24 | 20.34 | 1.254 | 18.84 | 12.213 | 6.61 | 53 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:40:24 | 20.34 | 1.254 | 18.84 | 12.217 | 6.59 | 54 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 6:45:24 | 20.34 | 1.254 | 18.84 | 12.22 | 6.59 | 53.7 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:50:24 | 20.34 | 1.254 | 18.84 | 12.222 | 6.6 | 53.4 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 6:55:24 | 20.34 | 1.254 | 18.84 | 12.225 | 6.6 | 53.2 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:00:24 | 20.34 | 1.254 | 18.85 | 12.226 | 6.6 | 53.4 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:05:24 | 20.34 | 1.254 | 18.85 | 12.23 | 6.6 | 53.6 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:10:24 | 20.34 | 1.254 | 18.85 | 12.234 | 6.59 | 54.1 | 1 | 2.4 | 0.22 |
| 4/16/2012 | 7:15:24 | 20.34 | 1.254 | 18.85 | 12.235 | 6.6 | 53.2 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 7:20:24 | 20.34 | 1.254 | 18.85 | 12.239 | 6.6 | 53.5 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 7:25:24 | 20.34 | 1.254 | 18.85 | 12.24 | 6.6 | 53.2 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:30:24 | 20.34 | 1.254 | 18.85 | 12.243 | 6.6 | 53.4 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:35:24 | 20.34 | 1.254 | 18.85 | 12.245 | 6.61 | 53 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:40:24 | 20.34 | 1.254 | 18.86 | 12.251 | 6.6 | 53.5 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:45:24 | 20.34 | 1.254 | 18.86 | 12.254 | 6.61 | 52.9 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:50:24 | 20.34 | 1.254 | 18.85 | 12.246 | 6.6 | 53.5 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 7:55:24 | 20.34 | 1.254 | 18.85 | 12.249 | 6.61 | 53.1 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:00:24 | 20.34 | 1.254 | 18.86 | 12.251 | 6.6 | 53.2 | -1 | 2.4 | 0.22 |
| 4/16/2012 | 8:05:24 | 20.34 | 1.254 | 18.86 | 12.255 | 6.59 | 54 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 8:10:24 | 20.34 | 1.254 | 18.86 | 12.257 | 6.6 | 53.4 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:15:24 | 20.34 | 1.254 | 18.86 | 12.26 | 6.6 | 53.5 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 8:20:24 | 20.34 | 1.254 | 18.86 | 12.264 | 6.6 | 53.5 | -2 | 2.4 | 0.22 |
| 4/16/2012 | 8:25:24 | 20.34 | 1.254 | 18.86 | 12.267 | 6.59 | 54.1 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:30:24 | 20.34 | 1.254 | 18.86 | 12.269 | 6.59 | 53.8 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:35:24 | 20.34 | 1.254 | 18.86 | 12.272 | 6.59 | 54.1 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:40:24 | 20.34 | 1.254 | 18.87 | 12.272 | 6.59 | 54 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:45:24 | 20.34 | 1.254 | 18.87 | 12.274 | 6.59 | 53.8 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:50:24 | 20.34 | 1.254 | 18.87 | 12.276 | 6.59 | 54 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 8:55:24 | 20.34 | 1.254 | 18.87 | 12.279 | 6.59 | 53.7 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 9:00:24 | 20.34 | 1.254 | 18.87 | 12.277 | 6.59 | 54 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 9:05:24 | 20.34 | 1.254 | 18.87 | 12.276 | 6.6 | 53.6 | -3 | 2.4 | 0.22 |
| 4/16/2012 | 9:10:24 | 20.34 | 1.254 | 18.87 | 12.278 | 6.6 | 53.2 | -4 | 2.4 | 0.22 |
| 4/16/2012 | 9:15:24 | 20.34 | 1.254 | 18.87 | 12.275 | 6.59 | 53.8 | -4 | 2.4 | 0.22 |
| 4/16/2012 | 9:20:24 | 20.34 | 1.254 | 18.87 | 12.275 | 6.59 | 53.7 | -4 | 2.4 | 0.22 |
| 4/16/2012 | 9:25:24 | 20.34 | 1.254 | 18.87 | 12.276 | 6.6 | 53.6 | -4 | 2.4 | 0.22 |
| 4/16/2012 | 9:30:24 | 20.34 | 1.254 | 18.87 | 12.273 | 6.6 | 53.4 | -4 | 2.4 | 0.22 |
| 4/16/2012 | 9:35:24 | 20.34 | 1.254 | 18.87 | 12.274 | 6.61 | 52.9 | -5 | 2.4 | 0.22 |
| 4/16/2012 | 9:40:24 | 20.34 | 1.254 | 18.87 | 12.273 | 6.6 | 53.2 | -5 | 2.4 | 0.22 |
| 4/16/2012 | 9:45:24 | 20.34 | 1.254 | 18.86 | 12.269 | 6.6 | 53.1 | -5 | 2.4 | 0.22 |
| 4/16/2012 | 9:50:24 | 20.34 | 1.254 | 18.86 | 12.269 | 6.61 | 53 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 9:55:24 | 20.34 | 1.254 | 18.86 | 12.267 | 6.59 | 54.2 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:00:24 | 20.34 | 1.254 | 18.86 | 12.267 | 6.6 | 53.1 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:05:24 | 20.34 | 1.254 | 18.86 | 12.265 | 6.6 | 53.2 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:10:24 | 20.34 | 1.254 | 18.86 | 12.265 | 6.6 | 53.3 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:15:24 | 20.34 | 1.254 | 18.86 | 12.262 | 6.59 | 54 | -4 | 2.4 | 0.22 |
| 4/16/2012 | 10:20:24 | 20.34 | 1.254 | 18.86 | 12.259 | 6.59 | 53.9 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:25:24 | 20.34 | 1.254 | 18.86 | 12.257 | 6.58 | 54.4 | -5 | 2.4 | 0.22 |
| 4/16/2012 | 10:30:24 | 20.34 | 1.254 | 18.86 | 12.256 | 6.6 | 53.6 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:35:24 | 20.34 | 1.254 | 18.86 | 12.253 | 6.59 | 53.8 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 10:40:24 | 20.34 | 1.254 | 18.86 | 12.252 | 6.59 | 54.1 | -6 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 10:45:24 | 20.34 | 1.253 | 18.86 | 12.253 | 6.58 | 54.4 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 10:50:24 | 20.34 | 1.254 | 18.85 | 12.248 | 6.59 | 54.1 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 10:55:24 | 20.34 | 1.254 | 18.86 | 12.251 | 6.59 | 54.1 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:00:24 | 20.34 | 1.254 | 18.85 | 12.245 | 6.59 | 54.1 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:05:24 | 20.34 | 1.254 | 18.85 | 12.246 | 6.59 | 54.1 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:10:24 | 20.34 | 1.254 | 18.85 | 12.242 | 6.59 | 54.2 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:15:24 | 20.34 | 1.254 | 18.85 | 12.238 | 6.59 | 53.8 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:20:24 | 20.34 | 1.254 | 18.85 | 12.239 | 6.59 | 54.3 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:25:24 | 20.34 | 1.254 | 18.85 | 12.234 | 6.59 | 54.3 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:30:24 | 20.34 | 1.254 | 18.85 | 12.232 | 6.59 | 53.7 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:35:24 | 20.34 | 1.254 | 18.85 | 12.232 | 6.58 | 54.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 11:40:24 | 20.34 | 1.254 | 18.85 | 12.232 | 6.57 | 54.9 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 11:45:24 | 20.34 | 1.254 | 18.85 | 12.229 | 6.59 | 54 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 11:50:24 | 20.34 | 1.254 | 18.85 | 12.227 | 6.6 | 53.3 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 11:55:24 | 20.34 | 1.254 | 18.84 | 12.225 | 6.6 | 53.2 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:00:24 | 20.34 | 1.254 | 18.85 | 12.226 | 6.59 | 53.7 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 12:05:24 | 20.34 | 1.254 | 18.84 | 12.222 | 6.6 | 53.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 12:10:24 | 20.34 | 1.254 | 18.84 | 12.219 | 6.6 | 53.2 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 12:15:24 | 20.34 | 1.254 | 18.84 | 12.215 | 6.61 | 53 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:20:24 | 20.34 | 1.254 | 18.84 | 12.215 | 6.59 | 53.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:25:24 | 20.34 | 1.254 | 18.84 | 12.213 | 6.6 | 53.4 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:30:24 | 20.34 | 1.254 | 18.84 | 12.212 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:35:24 | 20.34 | 1.254 | 18.84 | 12.213 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:40:24 | 20.34 | 1.254 | 18.84 | 12.209 | 6.6 | 53.2 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:45:24 | 20.34 | 1.254 | 18.84 | 12.208 | 6.59 | 53.9 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:50:24 | 20.34 | 1.254 | 18.84 | 12.209 | 6.6 | 53.5 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 12:55:24 | 20.34 | 1.254 | 18.84 | 12.206 | 6.6 | 53.5 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:00:24 | 20.34 | 1.254 | 18.83 | 12.201 | 6.61 | 52.9 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:05:24 | 20.34 | 1.254 | 18.83 | 12.202 | 6.6 | 53.6 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 13:10:24 | 20.34 | 1.254 | 18.83 | 12.201 | 6.6 | 53.6 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 13:15:24 | 20.34 | 1.254 | 18.83 | 12.199 | 6.6 | 53.5 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:20:24 | 20.34 | 1.254 | 18.83 | 12.199 | 6.61 | 53.1 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:25:24 | 20.34 | 1.254 | 18.83 | 12.197 | 6.59 | 54 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:30:24 | 20.34 | 1.254 | 18.83 | 12.196 | 6.59 | 53.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:35:24 | 20.34 | 1.254 | 18.83 | 12.195 | 6.6 | 53.3 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:40:24 | 20.34 | 1.254 | 18.83 | 12.194 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:45:24 | 20.34 | 1.254 | 18.83 | 12.193 | 6.58 | 54.3 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 13:50:24 | 20.34 | 1.254 | 18.83 | 12.192 | 6.59 | 54 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 13:55:24 | 20.34 | 1.254 | 18.83 | 12.19 | 6.59 | 53.9 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 14:00:24 | 20.34 | 1.254 | 18.83 | 12.191 | 6.6 | 53.2 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 14:05:24 | 20.34 | 1.254 | 18.83 | 12.19 | 6.6 | 53.2 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 14:10:24 | 20.34 | 1.254 | 18.83 | 12.189 | 6.6 | 53.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 14:15:24 | 20.34 | 1.254 | 18.83 | 12.188 | 6.59 | 54 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 14:20:24 | 20.34 | 1.254 | 18.83 | 12.186 | 6.59 | 53.8 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 14:25:24 | 20.34 | 1.254 | 18.83 | 12.187 | 6.59 | 53.8 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 14:30:24 | 20.34 | 1.254 | 18.83 | 12.187 | 6.59 | 54.2 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 14:35:24 | 20.34 | 1.254 | 18.83 | 12.186 | 6.58 | 54.3 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 14:40:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.58 | 54.7 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 14:45:24 | 20.34 | 1.254 | 18.83 | 12.187 | 6.59 | 54.1 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 14:50:24 | 20.34 | 1.254 | 18.83 | 12.182 | 6.58 | 54.3 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 14:55:24 | 20.34 | 1.254 | 18.83 | 12.182 | 6.6 | 53.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:00:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.59 | 54.1 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 15:05:24 | 20.34 | 1.254 | 18.82 | 12.177 | 6.58 | 54.6 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 15:10:24 | 20.34 | 1.254 | 18.82 | 12.179 | 6.58 | 54.4 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 15:15:24 | 20.34 | 1.254 | 18.83 | 12.18 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:20:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.59 | 54.3 | -9 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 15:25:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.58 | 54.7 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:30:24 | 20.34 | 1.254 | 18.82 | 12.171 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:35:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:40:24 | 20.34 | 1.254 | 18.82 | 12.171 | 6.59 | 54.2 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:45:24 | 20.34 | 1.254 | 18.82 | 12.168 | 6.58 | 54.4 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 15:50:24 | 20.34 | 1.254 | 18.82 | 12.169 | 6.59 | 54.1 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 15:55:24 | 20.34 | 1.254 | 18.82 | 12.168 | 6.58 | 54.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:00:24 | 20.34 | 1.254 | 18.82 | 12.164 | 6.58 | 54.7 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 16:05:24 | 20.34 | 1.254 | 18.82 | 12.163 | 6.58 | 54.8 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 16:10:24 | 20.34 | 1.254 | 18.82 | 12.162 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:15:24 | 20.34 | 1.254 | 18.82 | 12.163 | 6.59 | 54 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:20:24 | 20.34 | 1.254 | 18.82 | 12.161 | 6.57 | 55.1 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:25:24 | 20.34 | 1.254 | 18.82 | 12.16 | 6.56 | 55.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:30:24 | 20.34 | 1.254 | 18.82 | 12.159 | 6.56 | 55.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:35:24 | 20.34 | 1.254 | 18.82 | 12.159 | 6.55 | 56.5 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 16:40:24 | 20.34 | 1.254 | 18.82 | 12.162 | 6.56 | 55.5 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 16:45:24 | 20.34 | 1.254 | 18.82 | 12.162 | 6.56 | 55.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:50:24 | 20.34 | 1.254 | 18.82 | 12.159 | 6.56 | 55.5 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 16:55:24 | 20.34 | 1.254 | 18.82 | 12.158 | 6.56 | 55.8 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 17:00:24 | 20.34 | 1.254 | 18.82 | 12.165 | 6.57 | 55 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 17:05:24 | 20.34 | 1.254 | 18.82 | 12.165 | 6.56 | 55.5 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 17:10:24 | 20.34 | 1.254 | 18.82 | 12.17 | 6.57 | 55.1 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 17:15:24 | 20.34 | 1.254 | 18.82 | 12.166 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 17:20:24 | 20.34 | 1.254 | 18.82 | 12.166 | 6.57 | 54.9 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 17:25:24 | 20.34 | 1.254 | 18.82 | 12.166 | 6.56 | 55.5 | -6 | 2.4 | 0.22 |
| 4/16/2012 | 17:30:24 | 20.34 | 1.254 | 18.82 | 12.165 | 6.57 | 55.2 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 17:35:24 | 20.34 | 1.254 | 18.82 | 12.167 | 6.55 | 56.5 | -7 | 2.4 | 0.22 |
| 4/16/2012 | 17:40:24 | 20.34 | 1.254 | 18.82 | 12.168 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 17:45:24 | 20.34 | 1.254 | 18.82 | 12.17 | 6.57 | 54.9 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 17:50:24 | 20.34 | 1.254 | 18.82 | 12.172 | 6.58 | 54.4 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 17:55:24 | 20.34 | 1.254 | 18.82 | 12.169 | 6.58 | 54.6 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 18:00:24 | 20.34 | 1.254 | 18.82 | 12.172 | 6.58 | 54.4 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 18:05:24 | 20.34 | 1.254 | 18.82 | 12.173 | 6.58 | 54.4 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 18:10:24 | 20.34 | 1.254 | 18.82 | 12.173 | 6.58 | 54.7 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 18:15:24 | 20.34 | 1.254 | 18.82 | 12.173 | 6.58 | 54.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 18:20:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.58 | 54.5 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 18:25:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.57 | 55.4 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 18:30:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.58 | 54.4 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 18:35:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.59 | 54.1 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 18:40:24 | 20.34 | 1.254 | 18.82 | 12.179 | 6.58 | 54.4 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 18:45:24 | 20.34 | 1.254 | 18.83 | 12.18 | 6.59 | 54.1 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 18:50:24 | 20.34 | 1.254 | 18.83 | 12.181 | 6.58 | 54.3 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 18:55:24 | 20.34 | 1.254 | 18.83 | 12.185 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:00:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:05:24 | 20.34 | 1.254 | 18.83 | 12.186 | 6.58 | 54.4 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 19:10:24 | 20.34 | 1.254 | 18.83 | 12.19 | 6.59 | 53.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:15:24 | 20.34 | 1.254 | 18.83 | 12.191 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:20:24 | 20.34 | 1.254 | 18.83 | 12.193 | 6.58 | 54.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:25:24 | 20.34 | 1.254 | 18.83 | 12.198 | 6.59 | 54.1 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 19:30:24 | 20.34 | 1.255 | 18.84 | 12.205 | 6.57 | 54.9 | -8 | 2.4 | 0.22 |
| 4/16/2012 | 19:35:24 | 20.34 | 1.254 | 18.84 | 12.206 | 6.57 | 54.9 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 19:40:24 | 20.34 | 1.254 | 18.83 | 12.201 | 6.58 | 54.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:45:24 | 20.34 | 1.254 | 18.84 | 12.204 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:50:24 | 20.34 | 1.254 | 18.84 | 12.205 | 6.59 | 54 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 19:55:24 | 20.34 | 1.254 | 18.84 | 12.206 | 6.58 | 54.4 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:00:24 | 20.34 | 1.254 | 18.84 | 12.209 | 6.59 | 54.2 | -9 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 20:05:24 | 20.34 | 1.254 | 18.84 | 12.213 | 6.58 | 54.3 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:10:24 | 20.34 | 1.254 | 18.84 | 12.214 | 6.58 | 54.3 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:15:24 | 20.34 | 1.254 | 18.84 | 12.217 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:20:24 | 20.34 | 1.254 | 18.84 | 12.221 | 6.58 | 54.3 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:25:24 | 20.34 | 1.254 | 18.84 | 12.224 | 6.59 | 54.1 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:30:24 | 20.34 | 1.254 | 18.84 | 12.225 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:35:24 | 20.34 | 1.254 | 18.85 | 12.231 | 6.58 | 54.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:40:24 | 20.34 | 1.254 | 18.85 | 12.229 | 6.59 | 54.1 | -9 | 2.4 | 0.22 |
| 4/16/2012 | 20:45:24 | 20.34 | 1.254 | 18.85 | 12.231 | 6.59 | 54.1 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:50:24 | 20.34 | 1.254 | 18.85 | 12.236 | 6.6 | 53.5 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 20:55:24 | 20.34 | 1.254 | 18.85 | 12.237 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:00:24 | 20.34 | 1.254 | 18.85 | 12.237 | 6.59 | 53.8 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:05:24 | 20.34 | 1.254 | 18.85 | 12.24 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:10:24 | 20.34 | 1.254 | 18.85 | 12.241 | 6.59 | 53.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:15:24 | 20.34 | 1.254 | 18.85 | 12.243 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:20:24 | 20.34 | 1.254 | 18.85 | 12.243 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:25:24 | 20.34 | 1.254 | 18.85 | 12.245 | 6.6 | 53.6 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:30:24 | 20.34 | 1.254 | 18.85 | 12.243 | 6.59 | 54.3 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 21:35:24 | 20.34 | 1.254 | 18.85 | 12.244 | 6.59 | 54 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 21:40:24 | 20.34 | 1.254 | 18.85 | 12.244 | 6.59 | 53.9 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 21:45:24 | 20.34 | 1.254 | 18.85 | 12.247 | 6.59 | 53.7 | -10 | 2.4 | 0.22 |
| 4/16/2012 | 21:50:24 | 20.34 | 1.254 | 18.85 | 12.244 | 6.6 | 53.4 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 21:55:24 | 20.34 | 1.254 | 18.85 | 12.243 | 6.6 | 53.3 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 22:00:24 | 20.34 | 1.254 | 18.85 | 12.242 | 6.6 | 53.6 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 22:05:24 | 20.34 | 1.254 | 18.85 | 12.239 | 6.6 | 53.3 | -11 | 2.4 | 0.22 |
| 4/16/2012 | 22:10:24 | 20.34 | 1.254 | 18.85 | 12.237 | 6.6 | 53.6 | -12 | 2.4 | 0.22 |
| 4/16/2012 | 22:15:24 | 20.34 | 1.255 | 18.85 | 12.236 | 6.6 | 53.4 | -12 | 2.4 | 0.22 |
| 4/16/2012 | 22:20:24 | 20.34 | 1.254 | 18.85 | 12.232 | 6.6 | 53.4 | -12 | 2.4 | 0.22 |
| 4/16/2012 | 22:25:24 | 20.34 | 1.254 | 18.85 | 12.231 | 6.59 | 53.8 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 22:30:24 | 20.34 | 1.254 | 18.85 | 12.228 | 6.6 | 53.3 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 22:35:24 | 20.34 | 1.254 | 18.85 | 12.226 | 6.6 | 53.3 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 22:40:24 | 20.34 | 1.254 | 18.84 | 12.223 | 6.59 | 53.8 | -14 | 2.4 | 0.22 |
| 4/16/2012 | 22:45:24 | 20.34 | 1.254 | 18.84 | 12.219 | 6.59 | 53.8 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 22:50:24 | 20.34 | 1.254 | 18.84 | 12.216 | 6.6 | 53.6 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 22:55:24 | 20.34 | 1.254 | 18.84 | 12.215 | 6.6 | 53.3 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 23:00:24 | 20.34 | 1.254 | 18.84 | 12.212 | 6.6 | 53.3 | -13 | 2.4 | 0.22 |
| 4/16/2012 | 23:05:24 | 20.34 | 1.254 | 18.84 | 12.209 | 6.6 | 53.3 | -14 | 2.4 | 0.22 |
| 4/16/2012 | 23:10:24 | 20.34 | 1.254 | 18.84 | 12.208 | 6.6 | 53.5 | -14 | 2.4 | 0.22 |
| 4/16/2012 | 23:15:24 | 20.34 | 1.254 | 18.83 | 12.203 | 6.59 | 53.7 | -14 | 2.4 | 0.22 |
| 4/16/2012 | 23:20:24 | 20.34 | 1.254 | 18.83 | 12.201 | 6.6 | 53.6 | -14 | 2.4 | 0.22 |
| 4/16/2012 | 23:25:24 | 20.34 | 1.254 | 18.83 | 12.199 | 6.59 | 53.7 | -14 | 2.4 | 0.22 |
| 4/16/2012 | 23:30:24 | 20.34 | 1.254 | 18.83 | 12.195 | 6.6 | 53.6 | -15 | 2.4 | 0.22 |
| 4/16/2012 | 23:35:24 | 20.34 | 1.254 | 18.83 | 12.193 | 6.59 | 54 | -15 | 2.4 | 0.22 |
| 4/16/2012 | 23:40:24 | 20.34 | 1.254 | 18.83 | 12.19 | 6.61 | 53.1 | -15 | 2.4 | 0.22 |
| 4/16/2012 | 23:45:24 | 20.34 | 1.254 | 18.83 | 12.189 | 6.61 | 53 | -15 | 2.4 | 0.22 |
| 4/16/2012 | 23:50:24 | 20.34 | 1.254 | 18.83 | 12.186 | 6.6 | 53.6 | -15 | 2.4 | 0.22 |
| 4/16/2012 | 23:55:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.6 | 53.5 | -15 | 2.4 | 0.22 |
| 4/17/2012 | 0:00:24 | 20.34 | 1.254 | 18.83 | 12.18 | 6.61 | 53 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:05:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.6 | 53.2 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:10:24 | 20.34 | 1.254 | 18.82 | 12.177 | 6.6 | 53.3 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:15:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.61 | 52.9 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:20:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.6 | 53.5 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:25:24 | 20.34 | 1.254 | 18.82 | 12.172 | 6.61 | 53 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:30:24 | 20.34 | 1.254 | 18.82 | 12.17 | 6.6 | 53.4 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:35:24 | 20.34 | 1.254 | 18.82 | 12.168 | 6.6 | 53.3 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:40:24 | 20.34 | 1.254 | 18.82 | 12.165 | 6.6 | 53.2 | -16 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 0:45:24 | 20.34 | 1.254 | 18.82 | 12.163 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 0:50:24 | 20.34 | 1.254 | 18.82 | 12.163 | 6.6 | 53.3 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 0:55:24 | 20.34 | 1.254 | 18.82 | 12.16 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:00:24 | 20.34 | 1.254 | 18.82 | 12.159 | 6.6 | 53.6 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:05:24 | 20.34 | 1.254 | 18.82 | 12.157 | 6.61 | 52.9 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:10:24 | 20.34 | 1.254 | 18.82 | 12.157 | 6.6 | 53.6 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:15:24 | 20.34 | 1.254 | 18.81 | 12.154 | 6.6 | 53.6 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 1:20:24 | 20.34 | 1.254 | 18.81 | 12.155 | 6.6 | 53.5 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:25:24 | 20.34 | 1.254 | 18.81 | 12.153 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:30:24 | 20.34 | 1.254 | 18.81 | 12.151 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:35:24 | 20.34 | 1.254 | 18.81 | 12.151 | 6.6 | 53.5 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 1:40:24 | 20.34 | 1.254 | 18.81 | 12.147 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:45:24 | 20.34 | 1.254 | 18.81 | 12.148 | 6.59 | 53.9 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:50:24 | 20.34 | 1.254 | 18.81 | 12.146 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 1:55:24 | 20.34 | 1.254 | 18.81 | 12.147 | 6.59 | 53.7 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:00:24 | 20.34 | 1.254 | 18.81 | 12.145 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:05:24 | 20.34 | 1.254 | 18.81 | 12.145 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:10:24 | 20.34 | 1.254 | 18.81 | 12.143 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:15:24 | 20.34 | 1.254 | 18.81 | 12.142 | 6.6 | 53.5 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:20:24 | 20.34 | 1.254 | 18.81 | 12.144 | 6.61 | 53 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:25:24 | 20.34 | 1.254 | 18.81 | 12.14 | 6.6 | 53.5 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:30:24 | 20.34 | 1.254 | 18.81 | 12.14 | 6.6 | 53.6 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 2:35:24 | 20.34 | 1.254 | 18.81 | 12.14 | 6.61 | 53.1 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:40:24 | 20.34 | 1.254 | 18.81 | 12.139 | 6.59 | 53.8 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 2:45:24 | 20.34 | 1.254 | 18.81 | 12.139 | 6.61 | 53.1 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:50:24 | 20.34 | 1.254 | 18.81 | 12.136 | 6.6 | 53.6 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 2:55:24 | 20.34 | 1.254 | 18.81 | 12.138 | 6.59 | 54.1 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:00:24 | 20.34 | 1.254 | 18.81 | 12.137 | 6.59 | 53.7 | -16 | 2.4 | 0.22 |
| 4/17/2012 | 3:05:24 | 20.34 | 1.254 | 18.81 | 12.138 | 6.59 | 53.7 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:10:24 | 20.34 | 1.254 | 18.81 | 12.136 | 6.6 | 53.3 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:15:24 | 20.34 | 1.254 | 18.81 | 12.137 | 6.59 | 53.8 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:20:24 | 20.34 | 1.254 | 18.81 | 12.134 | 6.6 | 53.2 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:25:24 | 20.34 | 1.254 | 18.81 | 12.135 | 6.6 | 53.2 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:30:24 | 20.34 | 1.254 | 18.8 | 12.132 | 6.6 | 53.3 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:35:24 | 20.34 | 1.254 | 18.81 | 12.134 | 6.6 | 53.3 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:40:24 | 20.34 | 1.254 | 18.81 | 12.134 | 6.6 | 53.2 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:45:24 | 20.34 | 1.254 | 18.8 | 12.133 | 6.6 | 53.2 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:50:24 | 20.34 | 1.254 | 18.8 | 12.132 | 6.6 | 53.6 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 3:55:24 | 20.34 | 1.254 | 18.81 | 12.135 | 6.6 | 53.2 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 4:00:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.6 | 53.4 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 4:05:24 | 20.34 | 1.254 | 18.8 | 12.13 | 6.6 | 53.5 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 4:10:24 | 20.34 | 1.254 | 18.8 | 12.129 | 6.61 | 53.1 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 4:15:24 | 20.34 | 1.254 | 18.8 | 12.129 | 6.6 | 53.4 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 4:20:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.6 | 53.6 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 4:25:24 | 20.34 | 1.254 | 18.8 | 12.132 | 6.59 | 53.9 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 4:30:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.6 | 53.6 | -17 | 2.4 | 0.22 |
| 4/17/2012 | 4:35:24 | 20.34 | 1.255 | 18.8 | 12.131 | 6.6 | 53.5 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 4:40:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.59 | 53.8 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 4:45:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.6 | 53.6 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 4:50:24 | 20.34 | 1.254 | 18.8 | 12.129 | 6.61 | 53.1 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 4:55:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.6 | 53.5 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:00:24 | 20.34 | 1.254 | 18.8 | 12.132 | 6.6 | 53.4 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:05:24 | 20.34 | 1.254 | 18.81 | 12.134 | 6.61 | 52.9 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:10:24 | 20.34 | 1.254 | 18.8 | 12.132 | 6.61 | 52.9 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:15:24 | 20.34 | 1.254 | 18.81 | 12.133 | 6.6 | 53.3 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:20:24 | 20.34 | 1.255 | 18.81 | 12.135 | 6.6 | 53.5 | -18 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 5:25:24 | 20.34 | 1.254 | 18.81 | 12.136 | 6.6 | 53.1 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:30:24 | 20.34 | 1.254 | 18.81 | 12.136 | 6.6 | 53.2 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 5:35:24 | 20.34 | 1.254 | 18.81 | 12.137 | 6.6 | 53.2 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 5:40:24 | 20.34 | 1.255 | 18.81 | 12.138 | 6.61 | 52.8 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 5:45:24 | 20.34 | 1.254 | 18.81 | 12.139 | 6.61 | 53 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 5:50:24 | 20.34 | 1.255 | 18.81 | 12.14 | 6.61 | 52.9 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 5:55:24 | 20.34 | 1.255 | 18.81 | 12.141 | 6.62 | 52.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 6:00:24 | 20.34 | 1.254 | 18.81 | 12.143 | 6.62 | 52.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 6:05:24 | 20.34 | 1.254 | 18.81 | 12.146 | 6.6 | 53.2 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 6:10:24 | 20.34 | 1.255 | 18.81 | 12.148 | 6.61 | 52.7 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 6:15:24 | 20.34 | 1.255 | 18.81 | 12.147 | 6.61 | 53 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 6:20:24 | 20.34 | 1.254 | 18.81 | 12.149 | 6.59 | 54 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:25:24 | 20.34 | 1.255 | 18.81 | 12.152 | 6.59 | 53.7 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:30:24 | 20.34 | 1.254 | 18.81 | 12.153 | 6.57 | 55.3 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:35:24 | 20.34 | 1.254 | 18.81 | 12.156 | 6.6 | 53.6 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:40:24 | 20.34 | 1.254 | 18.82 | 12.16 | 6.61 | 52.9 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:45:24 | 20.34 | 1.255 | 18.82 | 12.163 | 6.61 | 52.9 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:50:24 | 20.34 | 1.255 | 18.82 | 12.166 | 6.61 | 53 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 6:55:24 | 20.34 | 1.254 | 18.82 | 12.168 | 6.62 | 52.4 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 7:00:24 | 20.34 | 1.255 | 18.82 | 12.169 | 6.61 | 52.9 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 7:05:24 | 20.34 | 1.255 | 18.82 | 12.173 | 6.62 | 52.5 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 7:10:24 | 20.34 | 1.255 | 18.82 | 12.176 | 6.61 | 52.6 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 7:15:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.61 | 52.7 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 7:20:24 | 20.34 | 1.254 | 18.83 | 12.182 | 6.62 | 52 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 7:25:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.62 | 52.1 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 7:30:24 | 20.34 | 1.255 | 18.83 | 12.185 | 6.62 | 52.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 7:35:24 | 20.34 | 1.254 | 18.83 | 12.186 | 6.63 | 51.8 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 7:40:24 | 20.34 | 1.254 | 18.83 | 12.188 | 6.62 | 52.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 7:45:24 | 20.34 | 1.254 | 18.83 | 12.19 | 6.63 | 51.8 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 7:50:24 | 20.34 | 1.254 | 18.83 | 12.193 | 6.63 | 51.7 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 7:55:24 | 20.34 | 1.255 | 18.83 | 12.197 | 6.61 | 53 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:00:24 | 20.34 | 1.254 | 18.83 | 12.2 | 6.63 | 51.8 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:05:24 | 20.34 | 1.255 | 18.84 | 12.203 | 6.61 | 52.6 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:10:24 | 20.34 | 1.254 | 18.84 | 12.207 | 6.62 | 52.2 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 8:15:24 | 20.34 | 1.254 | 18.84 | 12.21 | 6.63 | 51.6 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 8:20:24 | 20.34 | 1.255 | 18.84 | 12.214 | 6.63 | 51.5 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 8:25:24 | 20.34 | 1.254 | 18.84 | 12.215 | 6.63 | 51.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:30:24 | 20.34 | 1.255 | 18.84 | 12.218 | 6.63 | 51.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:35:24 | 20.34 | 1.255 | 18.84 | 12.221 | 6.63 | 51.4 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:40:24 | 20.34 | 1.255 | 18.85 | 12.226 | 6.64 | 51.1 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:45:24 | 20.34 | 1.255 | 18.85 | 12.229 | 6.63 | 51.6 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:50:24 | 20.34 | 1.254 | 18.85 | 12.231 | 6.63 | 51.5 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 8:55:24 | 20.34 | 1.255 | 18.85 | 12.233 | 6.64 | 51.3 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 9:00:24 | 20.34 | 1.255 | 18.85 | 12.235 | 6.64 | 51.3 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 9:05:24 | 20.34 | 1.255 | 18.85 | 12.239 | 6.63 | 51.6 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 9:10:24 | 20.34 | 1.255 | 18.85 | 12.241 | 6.64 | 51.3 | -18 | 2.4 | 0.22 |
| 4/17/2012 | 9:15:24 | 20.34 | 1.255 | 18.85 | 12.242 | 6.63 | 51.8 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 9:20:24 | 20.34 | 1.255 | 18.85 | 12.245 | 6.63 | 51.5 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 9:25:24 | 20.34 | 1.255 | 18.85 | 12.246 | 6.64 | 51.3 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 9:30:24 | 20.34 | 1.255 | 18.85 | 12.247 | 6.63 | 51.5 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 9:35:24 | 20.34 | 1.255 | 18.85 | 12.248 | 6.63 | 51.7 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 9:40:24 | 20.34 | 1.255 | 18.85 | 12.248 | 6.62 | 52.2 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 9:45:24 | 20.34 | 1.255 | 18.85 | 12.246 | 6.63 | 51.8 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 9:50:24 | 20.34 | 1.255 | 18.85 | 12.246 | 6.63 | 51.9 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 9:55:24 | 20.34 | 1.255 | 18.86 | 12.252 | 6.64 | 51.2 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 10:00:24 | 20.34 | 1.255 | 18.86 | 12.258 | 6.64 | 51.1 | -19 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 10:05:24 | 20.34 | 1.255 | 18.85 | 12.242 | 6.63 | 51.8 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 10:10:24 | 20.34 | 1.255 | 18.85 | 12.241 | 6.63 | 51.9 | -19 | 2.4 | 0.22 |
| 4/17/2012 | 10:15:24 | 20.34 | 1.255 | 18.85 | 12.237 | 6.63 | 51.5 | -20 | 2.4 | 0.22 |
| 4/17/2012 | 10:20:24 | 20.34 | 1.255 | 18.85 | 12.236 | 6.63 | 51.8 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:25:24 | 20.34 | 1.255 | 18.85 | 12.234 | 6.64 | 50.9 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:30:24 | 20.34 | 1.255 | 18.85 | 12.231 | 6.64 | 50.9 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:35:24 | 20.34 | 1.255 | 18.85 | 12.23 | 6.64 | 51.1 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:40:24 | 20.34 | 1.255 | 18.85 | 12.228 | 6.65 | 50.8 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:45:24 | 20.34 | 1.255 | 18.84 | 12.225 | 6.64 | 51.1 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:50:24 | 20.34 | 1.254 | 18.84 | 12.224 | 6.64 | 50.8 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 10:55:24 | 20.34 | 1.254 | 18.84 | 12.219 | 6.64 | 51.1 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 11:00:24 | 20.34 | 1.255 | 18.84 | 12.217 | 6.64 | 51.1 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 11:05:24 | 20.34 | 1.255 | 18.84 | 12.214 | 6.64 | 51 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 11:10:24 | 20.34 | 1.255 | 18.84 | 12.212 | 6.64 | 50.9 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 11:15:24 | 20.34 | 1.255 | 18.84 | 12.21 | 6.65 | 50.6 | -21 | 2.4 | 0.22 |
| 4/17/2012 | 11:20:24 | 20.34 | 1.255 | 18.84 | 12.207 | 6.64 | 51 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 11:25:24 | 20.34 | 1.255 | 18.84 | 12.204 | 6.65 | 50.6 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 11:30:24 | 20.34 | 1.254 | 18.83 | 12.198 | 6.65 | 50.5 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 11:35:24 | 20.34 | 1.254 | 18.83 | 12.196 | 6.65 | 50.3 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 11:40:24 | 20.34 | 1.254 | 18.83 | 12.194 | 6.64 | 51.1 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 11:45:24 | 20.34 | 1.254 | 18.83 | 12.192 | 6.65 | 50.2 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 11:50:24 | 20.34 | 1.254 | 18.83 | 12.188 | 6.65 | 50.2 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 11:55:24 | 20.34 | 1.255 | 18.83 | 12.188 | 6.66 | 50.2 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:00:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.65 | 50.4 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:05:24 | 20.34 | 1.254 | 18.83 | 12.181 | 6.66 | 50 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:10:24 | 20.34 | 1.254 | 18.82 | 12.177 | 6.65 | 50.5 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:15:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.66 | 50.1 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:20:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.66 | 49.9 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:25:24 | 20.34 | 1.254 | 18.82 | 12.172 | 6.65 | 50.2 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:30:24 | 20.34 | 1.254 | 18.82 | 12.169 | 6.66 | 49.9 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 12:35:24 | 20.34 | 1.254 | 18.82 | 12.167 | 6.66 | 49.9 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:40:24 | 20.34 | 1.255 | 18.82 | 12.166 | 6.66 | 50 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 12:45:24 | 20.34 | 1.254 | 18.82 | 12.163 | 6.67 | 49.6 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 12:50:24 | 20.34 | 1.254 | 18.82 | 12.16 | 6.67 | 49.6 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 12:55:24 | 20.34 | 1.254 | 18.82 | 12.158 | 6.66 | 49.6 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:00:24 | 20.34 | 1.254 | 18.81 | 12.156 | 6.64 | 50.8 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:05:24 | 20.34 | 1.254 | 18.81 | 12.153 | 6.65 | 50.8 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:10:24 | 20.34 | 1.254 | 18.81 | 12.152 | 6.65 | 50.5 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:15:24 | 20.34 | 1.254 | 18.81 | 12.152 | 6.67 | 49.4 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:20:24 | 20.34 | 1.254 | 18.81 | 12.149 | 6.67 | 49.4 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:25:24 | 20.34 | 1.254 | 18.81 | 12.15 | 6.66 | 49.7 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 13:30:24 | 20.34 | 1.254 | 18.81 | 12.15 | 6.67 | 49.4 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:35:24 | 20.34 | 1.254 | 18.81 | 12.146 | 6.67 | 49.3 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:40:24 | 20.34 | 1.254 | 18.81 | 12.145 | 6.67 | 49.2 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:45:24 | 20.34 | 1.254 | 18.81 | 12.142 | 6.65 | 50.2 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:50:24 | 20.34 | 1.254 | 18.81 | 12.144 | 6.66 | 49.6 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 13:55:24 | 20.34 | 1.254 | 18.81 | 12.141 | 6.67 | 49.2 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 14:00:24 | 20.34 | 1.254 | 18.81 | 12.14 | 6.67 | 49.2 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 14:05:24 | 20.34 | 1.254 | 18.81 | 12.141 | 6.66 | 50.1 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 14:10:24 | 20.34 | 1.254 | 18.81 | 12.141 | 6.67 | 49.3 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 14:15:24 | 20.34 | 1.254 | 18.81 | 12.139 | 6.67 | 49.3 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 14:20:24 | 20.34 | 1.254 | 18.81 | 12.134 | 6.67 | 49.4 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 14:25:24 | 20.34 | 1.254 | 18.81 | 12.135 | 6.67 | 49.4 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 14:30:24 | 20.34 | 1.254 | 18.81 | 12.135 | 6.68 | 48.8 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 14:35:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.68 | 48.6 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 14:40:24 | 20.34 | 1.254 | 18.8 | 12.13 | 6.68 | 48.5 | -24 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 14:45:24 | 20.34 | 1.254 | 18.8 | 12.127 | 6.68 | 48.8 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 14:50:24 | 20.34 | 1.254 | 18.8 | 12.127 | 6.68 | 48.5 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 14:55:24 | 20.34 | 1.254 | 18.8 | 12.123 | 6.68 | 48.8 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 15:00:24 | 20.34 | 1.254 | 18.8 | 12.123 | 6.67 | 49.1 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 15:05:24 | 20.34 | 1.254 | 18.8 | 12.119 | 6.68 | 48.5 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 15:10:24 | 20.34 | 1.254 | 18.8 | 12.12 | 6.67 | 49.3 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 15:15:24 | 20.34 | 1.254 | 18.8 | 12.118 | 6.68 | 48.5 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 15:20:24 | 20.34 | 1.254 | 18.8 | 12.113 | 6.68 | 48.8 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 15:25:24 | 20.34 | 1.253 | 18.8 | 12.119 | 6.68 | 48.5 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 15:30:24 | 20.34 | 1.253 | 18.8 | 12.119 | 6.68 | 48.6 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 15:35:24 | 20.34 | 1.254 | 18.8 | 12.119 | 6.69 | 48.2 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 15:40:24 | 20.34 | 1.254 | 18.8 | 12.118 | 6.69 | 48.1 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 15:45:24 | 20.34 | 1.254 | 18.8 | 12.113 | 6.69 | 48.3 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 15:50:24 | 20.34 | 1.253 | 18.8 | 12.112 | 6.69 | 48 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 15:55:24 | 20.34 | 1.254 | 18.8 | 12.111 | 6.7 | 47.9 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:00:24 | 20.34 | 1.254 | 18.8 | 12.112 | 6.69 | 48.4 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:05:24 | 20.34 | 1.253 | 18.79 | 12.109 | 6.7 | 47.9 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:10:24 | 20.34 | 1.254 | 18.79 | 12.108 | 6.7 | 47.4 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:15:24 | 20.34 | 1.254 | 18.79 | 12.108 | 6.69 | 48.2 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:20:24 | 20.34 | 1.253 | 18.79 | 12.106 | 6.7 | 47.9 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 16:25:24 | 20.34 | 1.253 | 18.79 | 12.105 | 6.7 | 47.7 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 16:30:24 | 20.34 | 1.253 | 18.79 | 12.104 | 6.7 | 47.6 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 16:35:24 | 20.34 | 1.253 | 18.79 | 12.102 | 6.7 | 47.5 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:40:24 | 20.34 | 1.253 | 18.79 | 12.097 | 6.71 | 47.1 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:45:24 | 20.34 | 1.253 | 18.79 | 12.099 | 6.7 | 47.3 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:50:24 | 20.34 | 1.254 | 18.79 | 12.098 | 6.71 | 47.2 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 16:55:24 | 20.34 | 1.253 | 18.79 | 12.098 | 6.71 | 47.2 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:00:24 | 20.34 | 1.254 | 18.79 | 12.1 | 6.71 | 46.8 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:05:24 | 20.34 | 1.253 | 18.79 | 12.099 | 6.72 | 46.7 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:10:24 | 20.34 | 1.254 | 18.79 | 12.095 | 6.71 | 47.1 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:15:24 | 20.34 | 1.254 | 18.79 | 12.094 | 6.72 | 46.5 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 17:20:24 | 20.34 | 1.254 | 18.79 | 12.098 | 6.72 | 46.7 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:25:24 | 20.34 | 1.253 | 18.79 | 12.095 | 6.72 | 46.3 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:30:24 | 20.34 | 1.253 | 18.79 | 12.096 | 6.72 | 46.6 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:35:24 | 20.34 | 1.253 | 18.79 | 12.096 | 6.71 | 46.8 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:40:24 | 20.34 | 1.254 | 18.79 | 12.097 | 6.72 | 46.3 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 17:45:24 | 20.34 | 1.253 | 18.79 | 12.098 | 6.72 | 46.2 | -24 | 2.4 | 0.22 |
| 4/17/2012 | 17:50:24 | 20.34 | 1.254 | 18.79 | 12.097 | 6.73 | 45.7 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 17:55:24 | 20.34 | 1.253 | 18.79 | 12.099 | 6.72 | 46.4 | -22 | 2.4 | 0.22 |
| 4/17/2012 | 18:00:24 | 20.34 | 1.253 | 18.79 | 12.098 | 6.73 | 45.7 | -23 | 2.4 | 0.22 |
| 4/17/2012 | 18:05:24 | 20.34 | 1.253 | 18.79 | 12.095 | 6.74 | 45.3 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:10:24 | 20.34 | 1.254 | 18.79 | 12.097 | 6.74 | 45 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:15:24 | 20.34 | 1.254 | 18.79 | 12.1 | 6.75 | 45 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:20:24 | 20.34 | 1.254 | 18.79 | 12.101 | 6.74 | 45 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:25:24 | 20.34 | 1.253 | 18.79 | 12.101 | 6.75 | 44.9 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:30:24 | 20.34 | 1.253 | 18.79 | 12.101 | 6.75 | 45 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:35:24 | 20.34 | 1.253 | 18.79 | 12.104 | 6.75 | 44.8 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 18:40:24 | 20.34 | 1.253 | 18.79 | 12.106 | 6.75 | 44.9 | -25 | 2.4 | 0.22 |
| 4/17/2012 | 18:45:24 | 20.34 | 1.253 | 18.79 | 12.108 | 6.75 | 44.7 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 18:50:24 | 20.34 | 1.254 | 18.79 | 12.107 | 6.75 | 44.9 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 18:55:24 | 20.34 | 1.253 | 18.79 | 12.108 | 6.75 | 44.7 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 19:00:24 | 20.34 | 1.253 | 18.79 | 12.109 | 6.75 | 44.7 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 19:05:24 | 20.34 | 1.253 | 18.79 | 12.109 | 6.75 | 44.6 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 19:10:24 | 20.34 | 1.253 | 18.8 | 12.111 | 6.75 | 44.5 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 19:15:24 | 20.34 | 1.253 | 18.8 | 12.111 | 6.76 | 44.4 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 19:20:24 | 20.34 | 1.253 | 18.8 | 12.111 | 6.76 | 44.3 | -26 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 19:25:24 | 20.34 | 1.253 | 18.8 | 12.113 | 6.76 | 44.3 | -26 | 2.4 | 0.22 |
| 4/17/2012 | 19:30:24 | 20.34 | 1.253 | 18.8 | 12.114 | 6.76 | 44.1 | -27 | 2.4 | 0.22 |
| 4/17/2012 | 19:35:24 | 20.34 | 1.254 | 18.8 | 12.115 | 6.76 | 43.9 | -27 | 2.4 | 0.22 |
| 4/17/2012 | 19:40:24 | 20.34 | 1.254 | 18.8 | 12.117 | 6.76 | 44 | -27 | 2.4 | 0.22 |
| 4/17/2012 | 19:45:24 | 20.34 | 1.254 | 18.8 | 12.119 | 6.77 | 43.8 | -27 | 2.4 | 0.22 |
| 4/17/2012 | 19:50:24 | 20.34 | 1.253 | 18.8 | 12.119 | 6.76 | 43.9 | -27 | 2.4 | 0.22 |
| 4/17/2012 | 19:55:24 | 20.34 | 1.253 | 18.8 | 12.123 | 6.76 | 43.9 | -27 | 2.4 | 0.22 |
| 4/17/2012 | 20:00:24 | 20.34 | 1.253 | 18.8 | 12.126 | 6.76 | 44.1 | -28 | 2.4 | 0.22 |
| 4/17/2012 | 20:05:24 | 20.34 | 1.253 | 18.8 | 12.129 | 6.78 | 43.2 | -28 | 2.4 | 0.22 |
| 4/17/2012 | 20:10:24 | 20.34 | 1.253 | 18.8 | 12.129 | 6.76 | 44.3 | -29 | 2.4 | 0.22 |
| 4/17/2012 | 20:15:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.76 | 44 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 20:20:24 | 20.34 | 1.253 | 18.81 | 12.133 | 6.76 | 44.1 | -31 | 2.4 | 0.22 |
| 4/17/2012 | 20:25:24 | 20.34 | 1.253 | 18.81 | 12.136 | 6.74 | 45 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 20:30:24 | 20.34 | 1.254 | 18.81 | 12.139 | 6.76 | 44.3 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 20:35:24 | 20.34 | 1.253 | 18.81 | 12.14 | 6.77 | 43.7 | -31 | 2.4 | 0.22 |
| 4/17/2012 | 20:40:24 | 20.34 | 1.253 | 18.81 | 12.145 | 6.75 | 44.4 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 20:45:24 | 20.34 | 1.253 | 18.81 | 12.147 | 6.77 | 43.8 | -31 | 2.4 | 0.22 |
| 4/17/2012 | 20:50:24 | 20.34 | 1.254 | 18.81 | 12.149 | 6.76 | 44.1 | -31 | 2.4 | 0.22 |
| 4/17/2012 | 20:55:24 | 20.34 | 1.253 | 18.81 | 12.153 | 6.77 | 43.5 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 21:00:24 | 20.34 | 1.253 | 18.81 | 12.157 | 6.8 | 42.1 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 21:05:24 | 20.34 | 1.253 | 18.82 | 12.16 | 6.8 | 41.9 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 21:10:24 | 20.34 | 1.254 | 18.82 | 12.164 | 6.79 | 42.4 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 21:15:24 | 20.34 | 1.253 | 18.82 | 12.168 | 6.8 | 42 | -31 | 2.4 | 0.22 |
| 4/17/2012 | 21:20:24 | 20.34 | 1.254 | 18.82 | 12.171 | 6.8 | 41.9 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 21:25:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.8 | 41.8 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 21:30:24 | 20.34 | 1.254 | 18.82 | 12.175 | 6.8 | 41.9 | -29 | 2.4 | 0.22 |
| 4/17/2012 | 21:35:24 | 20.34 | 1.253 | 18.82 | 12.173 | 6.8 | 41.8 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 21:40:24 | 20.34 | 1.253 | 18.82 | 12.174 | 6.81 | 41.4 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 21:45:24 | 20.34 | 1.253 | 18.82 | 12.176 | 6.8 | 41.5 | -29 | 2.4 | 0.22 |
| 4/17/2012 | 21:50:24 | 20.34 | 1.253 | 18.83 | 12.181 | 6.8 | 41.5 | -29 | 2.4 | 0.22 |
| 4/17/2012 | 21:55:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.8 | 41.6 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 22:00:24 | 20.34 | 1.253 | 18.83 | 12.185 | 6.81 | 41.5 | -30 | 2.4 | 0.22 |
| 4/17/2012 | 22:05:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.8 | 41.7 | -31 | 2.4 | 0.22 |
| 4/17/2012 | 22:10:24 | 20.34 | 1.253 | 18.83 | 12.184 | 6.81 | 41.3 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:15:24 | 20.34 | 1.253 | 18.83 | 12.181 | 6.81 | 41.1 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:20:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.81 | 41.2 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:25:24 | 20.34 | 1.254 | 18.83 | 12.183 | 6.81 | 41.1 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:30:24 | 20.34 | 1.254 | 18.83 | 12.184 | 6.81 | 41.3 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:35:24 | 20.34 | 1.253 | 18.83 | 12.184 | 6.81 | 41.3 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:40:24 | 20.34 | 1.253 | 18.83 | 12.182 | 6.81 | 41.1 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:45:24 | 20.34 | 1.254 | 18.83 | 12.18 | 6.81 | 41.1 | -33 | 2.4 | 0.22 |
| 4/17/2012 | 22:50:24 | 20.34 | 1.254 | 18.82 | 12.178 | 6.81 | 41 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 22:55:24 | 20.34 | 1.253 | 18.82 | 12.179 | 6.82 | 40.8 | -33 | 2.4 | 0.22 |
| 4/17/2012 | 23:00:24 | 20.34 | 1.254 | 18.82 | 12.174 | 6.82 | 40.9 | -32 | 2.4 | 0.22 |
| 4/17/2012 | 23:05:24 | 20.34 | 1.253 | 18.82 | 12.175 | 6.82 | 40.7 | -34 | 2.4 | 0.22 |
| 4/17/2012 | 23:10:24 | 20.34 | 1.253 | 18.82 | 12.169 | 6.82 | 40.8 | -33 | 2.4 | 0.22 |
| 4/17/2012 | 23:15:24 | 20.34 | 1.253 | 18.82 | 12.169 | 6.82 | 40.8 | -33 | 2.4 | 0.22 |
| 4/17/2012 | 23:20:24 | 20.34 | 1.253 | 18.82 | 12.165 | 6.82 | 40.8 | -34 | 2.4 | 0.22 |
| 4/17/2012 | 23:25:24 | 20.34 | 1.253 | 18.82 | 12.162 | 6.82 | 40.8 | -34 | 2.4 | 0.22 |
| 4/17/2012 | 23:30:24 | 20.34 | 1.253 | 18.82 | 12.157 | 6.82 | 40.7 | -34 | 2.4 | 0.22 |
| 4/17/2012 | 23:35:24 | 20.34 | 1.253 | 18.81 | 12.156 | 6.82 | 40.7 | -34 | 2.4 | 0.22 |
| 4/17/2012 | 23:40:24 | 20.34 | 1.253 | 18.81 | 12.155 | 6.82 | 40.7 | -35 | 2.4 | 0.22 |
| 4/17/2012 | 23:45:24 | 20.34 | 1.253 | 18.81 | 12.151 | 6.82 | 40.6 | -35 | 2.4 | 0.22 |
| 4/17/2012 | 23:50:24 | 20.34 | 1.254 | 18.81 | 12.148 | 6.82 | 40.6 | -34 | 2.4 | 0.22 |
| 4/17/2012 | 23:55:24 | 20.34 | 1.254 | 18.81 | 12.148 | 6.82 | 40.4 | -35 | 2.4 | 0.22 |
| 4/18/2012 | 0:00:24 | 20.34 | 1.253 | 18.81 | 12.142 | 6.82 | 40.5 | -35 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 0:05:24 | 20.34 | 1.253 | 18.81 | 12.139 | 6.82 | 40.6 | -35 | 2.4 | 0.22 |
| 4/18/2012 | 0:10:24 | 20.34 | 1.253 | 18.81 | 12.137 | 6.82 | 40.6 | -35 | 2.4 | 0.22 |
| 4/18/2012 | 0:15:24 | 20.34 | 1.254 | 18.81 | 12.136 | 6.82 | 40.4 | -35 | 2.4 | 0.22 |
| 4/18/2012 | 0:20:24 | 20.34 | 1.253 | 18.81 | 12.134 | 6.82 | 40.8 | -33 | 2.4 | 0.22 |
| 4/18/2012 | 0:25:24 | 20.34 | 1.253 | 18.8 | 12.133 | 6.82 | 40.6 | -34 | 2.4 | 0.22 |
| 4/18/2012 | 0:30:24 | 20.34 | 1.254 | 18.8 | 12.131 | 6.82 | 40.4 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 0:35:24 | 20.34 | 1.253 | 18.8 | 12.127 | 6.82 | 40.4 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 0:40:24 | 20.34 | 1.254 | 18.8 | 12.124 | 6.82 | 40.4 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 0:45:24 | 20.34 | 1.253 | 18.8 | 12.121 | 6.82 | 40.4 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 0:50:24 | 20.34 | 1.254 | 18.8 | 12.119 | 6.83 | 40.3 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 0:55:24 | 20.34 | 1.253 | 18.8 | 12.118 | 6.83 | 40.2 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:00:24 | 20.34 | 1.254 | 18.8 | 12.113 | 6.83 | 40.3 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 1:05:24 | 20.34 | 1.254 | 18.79 | 12.109 | 6.82 | 40.6 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 1:10:24 | 20.34 | 1.253 | 18.79 | 12.105 | 6.83 | 40.3 | -36 | 2.4 | 0.22 |
| 4/18/2012 | 1:15:24 | 20.34 | 1.254 | 18.79 | 12.106 | 6.83 | 40.2 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:20:24 | 20.34 | 1.253 | 18.79 | 12.102 | 6.83 | 40.2 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:25:24 | 20.34 | 1.254 | 18.79 | 12.099 | 6.83 | 40 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:30:24 | 20.34 | 1.254 | 18.79 | 12.094 | 6.83 | 40.2 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:35:24 | 20.34 | 1.254 | 18.79 | 12.094 | 6.83 | 40.2 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:40:24 | 20.34 | 1.253 | 18.79 | 12.091 | 6.83 | 40.1 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:45:24 | 20.34 | 1.253 | 18.79 | 12.088 | 6.83 | 40 | -37 | 2.4 | 0.22 |
| 4/18/2012 | 1:50:24 | 20.34 | 1.253 | 18.78 | 12.086 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 1:55:24 | 20.34 | 1.253 | 18.78 | 12.085 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:00:24 | 20.34 | 1.253 | 18.78 | 12.083 | 6.84 | 39.7 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:05:24 | 20.34 | 1.253 | 18.78 | 12.078 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:10:24 | 20.34 | 1.253 | 18.78 | 12.076 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:15:24 | 20.34 | 1.253 | 18.78 | 12.076 | 6.84 | 39.7 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:20:24 | 20.34 | 1.253 | 18.78 | 12.076 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:25:24 | 20.34 | 1.253 | 18.78 | 12.072 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:30:24 | 20.34 | 1.253 | 18.78 | 12.074 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:35:24 | 20.34 | 1.253 | 18.78 | 12.073 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:40:24 | 20.34 | 1.253 | 18.78 | 12.07 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:45:24 | 20.34 | 1.254 | 18.78 | 12.068 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:50:24 | 20.34 | 1.253 | 18.78 | 12.066 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 2:55:24 | 20.34 | 1.253 | 18.78 | 12.065 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:00:24 | 20.34 | 1.254 | 18.77 | 12.064 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:05:24 | 20.34 | 1.253 | 18.77 | 12.061 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:10:24 | 20.34 | 1.253 | 18.77 | 12.06 | 6.83 | 40.1 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:15:24 | 20.34 | 1.253 | 18.77 | 12.059 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:20:24 | 20.34 | 1.253 | 18.77 | 12.062 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:25:24 | 20.34 | 1.253 | 18.77 | 12.059 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:30:24 | 20.34 | 1.253 | 18.77 | 12.06 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:35:24 | 20.34 | 1.253 | 18.77 | 12.059 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:40:24 | 20.34 | 1.254 | 18.77 | 12.056 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:45:24 | 20.34 | 1.253 | 18.77 | 12.057 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:50:24 | 20.34 | 1.253 | 18.77 | 12.054 | 6.83 | 40 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 3:55:24 | 20.34 | 1.253 | 18.77 | 12.053 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 4:00:24 | 20.34 | 1.253 | 18.77 | 12.053 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 4:05:24 | 20.34 | 1.253 | 18.77 | 12.053 | 6.84 | 39.7 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 4:10:24 | 20.34 | 1.253 | 18.77 | 12.05 | 6.83 | 39.8 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 4:15:24 | 20.34 | 1.254 | 18.77 | 12.05 | 6.83 | 39.9 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 4:20:24 | 20.34 | 1.253 | 18.77 | 12.048 | 6.83 | 40.2 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 4:25:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.82 | 40.5 | -38 | 2.4 | 0.22 |
| 4/18/2012 | 4:30:24 | 20.34 | 1.253 | 18.77 | 12.046 | 6.82 | 40.4 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 4:35:24 | 20.34 | 1.253 | 18.77 | 12.044 | 6.83 | 39.7 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 4:40:24 | 20.34 | 1.253 | 18.77 | 12.045 | 6.84 | 39.5 | -39 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 4:45:24 | 20.34 | 1.253 | 18.77 | 12.045 | 6.84 | 39.5 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 4:50:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.84 | 39.5 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 4:55:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.84 | 39.6 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 5:00:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.84 | 39.5 | -39 | 2.4 | 0.22 |
| 4/18/2012 | 5:05:24 | 20.34 | 1.253 | 18.77 | 12.046 | 6.84 | 39.3 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:10:24 | 20.34 | 1.253 | 18.77 | 12.046 | 6.84 | 39.3 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:15:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.84 | 39.2 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:20:24 | 20.34 | 1.253 | 18.77 | 12.049 | 6.84 | 39.5 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:25:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.85 | 39.1 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:30:24 | 20.34 | 1.253 | 18.77 | 12.048 | 6.85 | 39.2 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:35:24 | 20.34 | 1.253 | 18.77 | 12.047 | 6.85 | 39.1 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:40:24 | 20.34 | 1.253 | 18.77 | 12.049 | 6.85 | 39.1 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:45:24 | 20.34 | 1.253 | 18.77 | 12.048 | 6.85 | 39.2 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:50:24 | 20.34 | 1.253 | 18.77 | 12.045 | 6.85 | 39.1 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 5:55:24 | 20.34 | 1.253 | 18.77 | 12.048 | 6.85 | 39.2 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 6:00:24 | 20.34 | 1.253 | 18.77 | 12.05 | 6.85 | 39.1 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 6:05:24 | 20.34 | 1.253 | 18.77 | 12.052 | 6.85 | 39.1 | -40 | 2.4 | 0.22 |
| 4/18/2012 | 6:10:24 | 20.34 | 1.253 | 18.77 | 12.052 | 6.85 | 38.9 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:15:24 | 20.34 | 1.253 | 18.77 | 12.052 | 6.85 | 38.9 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:20:24 | 20.34 | 1.253 | 18.77 | 12.053 | 6.85 | 38.9 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:25:24 | 20.34 | 1.253 | 18.77 | 12.053 | 6.85 | 38.8 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:30:24 | 20.34 | 1.253 | 18.77 | 12.056 | 6.85 | 38.9 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:35:24 | 20.34 | 1.253 | 18.77 | 12.057 | 6.85 | 38.8 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:40:24 | 20.34 | 1.253 | 18.77 | 12.058 | 6.85 | 38.9 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:45:24 | 20.34 | 1.253 | 18.77 | 12.058 | 6.85 | 38.9 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:50:24 | 20.34 | 1.253 | 18.77 | 12.058 | 6.85 | 38.8 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 6:55:24 | 20.34 | 1.253 | 18.77 | 12.061 | 6.85 | 39 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 7:00:24 | 20.34 | 1.253 | 18.77 | 12.062 | 6.85 | 38.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:05:24 | 20.34 | 1.253 | 18.78 | 12.065 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:10:24 | 20.34 | 1.253 | 18.78 | 12.064 | 6.85 | 38.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:15:24 | 20.34 | 1.253 | 18.78 | 12.068 | 6.84 | 39.6 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:20:24 | 20.34 | 1.253 | 18.78 | 12.069 | 6.83 | 39.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:25:24 | 20.34 | 1.253 | 18.78 | 12.071 | 6.84 | 39.6 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 7:30:24 | 20.34 | 1.253 | 18.78 | 12.071 | 6.84 | 39.6 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:35:24 | 20.34 | 1.253 | 18.78 | 12.073 | 6.84 | 39.4 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:40:24 | 20.34 | 1.253 | 18.78 | 12.074 | 6.84 | 39.3 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:45:24 | 20.34 | 1.253 | 18.78 | 12.075 | 6.84 | 39.3 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:50:24 | 20.34 | 1.253 | 18.78 | 12.076 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 7:55:24 | 20.34 | 1.253 | 18.78 | 12.079 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:00:24 | 20.34 | 1.253 | 18.78 | 12.081 | 6.85 | 38.7 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:05:24 | 20.34 | 1.253 | 18.78 | 12.083 | 6.85 | 38.7 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:10:24 | 20.34 | 1.253 | 18.78 | 12.085 | 6.85 | 38.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:15:24 | 20.34 | 1.253 | 18.78 | 12.085 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:20:24 | 20.34 | 1.253 | 18.79 | 12.087 | 6.85 | 38.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:25:24 | 20.34 | 1.253 | 18.79 | 12.091 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:30:24 | 20.34 | 1.253 | 18.79 | 12.094 | 6.85 | 38.6 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:35:24 | 20.34 | 1.253 | 18.79 | 12.097 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:40:24 | 20.34 | 1.253 | 18.79 | 12.098 | 6.85 | 38.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:45:24 | 20.34 | 1.253 | 18.79 | 12.099 | 6.85 | 38.8 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:50:24 | 20.34 | 1.253 | 18.79 | 12.102 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 8:55:24 | 20.34 | 1.254 | 18.79 | 12.106 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:00:24 | 20.34 | 1.253 | 18.79 | 12.107 | 6.85 | 38.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:05:24 | 20.34 | 1.253 | 18.79 | 12.11 | 6.85 | 38.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 9:10:24 | 20.34 | 1.253 | 18.8 | 12.111 | 6.85 | 38.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 9:15:24 | 20.34 | 1.253 | 18.8 | 12.113 | 6.85 | 39 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 9:20:24 | 20.34 | 1.253 | 18.8 | 12.118 | 6.84 | 39.4 | -42 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 9:25:24 | 20.34 | 1.253 | 18.8 | 12.121 | 6.84 | 39.2 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:30:24 | 20.34 | 1.253 | 18.8 | 12.122 | 6.85 | 39.2 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:35:24 | 20.34 | 1.253 | 18.8 | 12.125 | 6.84 | 39.4 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:40:24 | 20.34 | 1.253 | 18.8 | 12.131 | 6.85 | 39.1 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:45:24 | 20.34 | 1.253 | 18.8 | 12.132 | 6.84 | 39.3 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:50:24 | 20.34 | 1.254 | 18.81 | 12.136 | 6.84 | 39.4 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 9:55:24 | 20.34 | 1.253 | 18.81 | 12.138 | 6.84 | 39.2 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 10:00:24 | 20.34 | 1.253 | 18.81 | 12.139 | 6.85 | 39.1 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 10:05:24 | 20.34 | 1.253 | 18.81 | 12.141 | 6.85 | 38.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:10:24 | 20.34 | 1.253 | 18.81 | 12.142 | 6.85 | 39 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:15:24 | 20.34 | 1.253 | 18.81 | 12.146 | 6.85 | 39.1 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:20:24 | 20.34 | 1.253 | 18.81 | 12.145 | 6.85 | 39.1 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:25:24 | 20.34 | 1.253 | 18.81 | 12.145 | 6.84 | 39.5 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:30:24 | 20.34 | 1.254 | 18.81 | 12.146 | 6.85 | 39.1 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:35:24 | 20.34 | 1.254 | 18.81 | 12.144 | 6.84 | 39.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:40:24 | 20.34 | 1.253 | 18.81 | 12.144 | 6.84 | 39.4 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:45:24 | 20.34 | 1.253 | 18.81 | 12.145 | 6.84 | 39.3 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:50:24 | 20.34 | 1.253 | 18.81 | 12.146 | 6.84 | 39.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 10:55:24 | 20.34 | 1.253 | 18.81 | 12.143 | 6.84 | 39.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:00:24 | 20.34 | 1.253 | 18.81 | 12.14 | 6.84 | 39.6 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:05:24 | 20.34 | 1.253 | 18.81 | 12.139 | 6.84 | 39.7 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:10:24 | 20.34 | 1.253 | 18.81 | 12.136 | 6.83 | 40 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:15:24 | 20.34 | 1.253 | 18.81 | 12.134 | 6.83 | 40 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:20:24 | 20.34 | 1.253 | 18.8 | 12.132 | 6.83 | 39.8 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:25:24 | 20.34 | 1.253 | 18.8 | 12.129 | 6.83 | 40.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:30:24 | 20.34 | 1.253 | 18.8 | 12.128 | 6.83 | 39.8 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 11:35:24 | 20.34 | 1.253 | 18.8 | 12.126 | 6.82 | 40.4 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:40:24 | 20.34 | 1.253 | 18.8 | 12.123 | 6.83 | 40.1 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 11:45:24 | 20.34 | 1.253 | 18.8 | 12.12 | 6.82 | 40.4 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 11:50:24 | 20.34 | 1.253 | 18.8 | 12.118 | 6.83 | 40.3 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 11:55:24 | 20.34 | 1.253 | 18.8 | 12.116 | 6.82 | 40.5 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:00:24 | 20.34 | 1.253 | 18.8 | 12.115 | 6.82 | 40.8 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:05:24 | 20.34 | 1.253 | 18.8 | 12.112 | 6.82 | 40.8 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:10:24 | 20.34 | 1.253 | 18.79 | 12.109 | 6.82 | 40.7 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:15:24 | 20.34 | 1.253 | 18.79 | 12.103 | 6.81 | 41 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:20:24 | 20.34 | 1.253 | 18.79 | 12.101 | 6.82 | 40.8 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:25:24 | 20.34 | 1.253 | 18.79 | 12.096 | 6.81 | 41 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 12:30:24 | 20.34 | 1.253 | 18.79 | 12.091 | 6.81 | 41.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:35:24 | 20.34 | 1.253 | 18.79 | 12.087 | 6.81 | 41.1 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 12:40:24 | 20.34 | 1.253 | 18.78 | 12.084 | 6.81 | 41 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 12:45:24 | 20.34 | 1.253 | 18.78 | 12.082 | 6.81 | 41 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:50:24 | 20.34 | 1.253 | 18.78 | 12.08 | 6.81 | 41.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 12:55:24 | 20.34 | 1.253 | 18.78 | 12.075 | 6.81 | 41.5 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 13:00:24 | 20.34 | 1.253 | 18.78 | 12.071 | 6.81 | 41.2 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:05:24 | 20.34 | 1.253 | 18.78 | 12.069 | 6.81 | 41.4 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 13:10:24 | 20.34 | 1.253 | 18.78 | 12.067 | 6.81 | 41.1 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:15:24 | 20.34 | 1.253 | 18.77 | 12.063 | 6.81 | 41.1 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:20:24 | 20.34 | 1.252 | 18.77 | 12.062 | 6.81 | 41.4 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:25:24 | 20.34 | 1.253 | 18.77 | 12.059 | 6.81 | 41.1 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:30:24 | 20.34 | 1.253 | 18.77 | 12.058 | 6.81 | 41.2 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:35:24 | 20.34 | 1.252 | 18.77 | 12.054 | 6.8 | 41.8 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:40:24 | 20.34 | 1.252 | 18.77 | 12.05 | 6.81 | 41.4 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:45:24 | 20.34 | 1.253 | 18.77 | 12.051 | 6.81 | 41.1 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:50:24 | 20.34 | 1.252 | 18.77 | 12.048 | 6.81 | 41.2 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 13:55:24 | 20.34 | 1.252 | 18.77 | 12.043 | 6.81 | 41.3 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 14:00:24 | 20.34 | 1.252 | 18.77 | 12.042 | 6.81 | 41.2 | -45 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 14:05:24 | 20.34 | 1.252 | 18.76 | 12.04 | 6.81 | 41.3 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:10:24 | 20.34 | 1.252 | 18.76 | 12.04 | 6.81 | 41.3 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 14:15:24 | 20.34 | 1.252 | 18.76 | 12.038 | 6.81 | 41.4 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:20:24 | 20.34 | 1.252 | 18.76 | 12.033 | 6.81 | 41.3 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 14:25:24 | 20.34 | 1.252 | 18.76 | 12.032 | 6.81 | 41.4 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:30:24 | 20.34 | 1.252 | 18.76 | 12.03 | 6.8 | 41.5 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:35:24 | 20.34 | 1.252 | 18.76 | 12.028 | 6.8 | 41.9 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 14:40:24 | 20.34 | 1.252 | 18.76 | 12.029 | 6.8 | 41.6 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:45:24 | 20.34 | 1.252 | 18.76 | 12.026 | 6.8 | 41.6 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:50:24 | 20.34 | 1.252 | 18.76 | 12.024 | 6.81 | 41.2 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 14:55:24 | 20.34 | 1.252 | 18.76 | 12.023 | 6.81 | 41.1 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:00:24 | 20.34 | 1.252 | 18.76 | 12.021 | 6.81 | 41.5 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:05:24 | 20.34 | 1.252 | 18.76 | 12.023 | 6.81 | 41.5 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:10:24 | 20.34 | 1.252 | 18.76 | 12.02 | 6.8 | 41.6 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:15:24 | 20.34 | 1.252 | 18.76 | 12.018 | 6.8 | 41.7 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:20:24 | 20.34 | 1.252 | 18.76 | 12.019 | 6.8 | 41.6 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:25:24 | 20.34 | 1.252 | 18.76 | 12.019 | 6.8 | 41.7 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:30:24 | 20.34 | 1.252 | 18.75 | 12.017 | 6.8 | 41.6 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:35:24 | 20.34 | 1.252 | 18.75 | 12.011 | 6.81 | 41.4 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:40:24 | 20.34 | 1.252 | 18.75 | 12.007 | 6.8 | 41.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 15:45:24 | 20.34 | 1.252 | 18.75 | 12.006 | 6.8 | 41.7 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 15:50:24 | 20.34 | 1.251 | 18.75 | 12.003 | 6.8 | 41.9 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 15:55:24 | 20.34 | 1.252 | 18.75 | 12.001 | 6.8 | 42 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:00:24 | 20.34 | 1.252 | 18.75 | 12.003 | 6.8 | 41.7 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:05:24 | 20.34 | 1.252 | 18.75 | 12 | 6.8 | 41.9 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:10:24 | 20.34 | 1.252 | 18.75 | 11.999 | 6.8 | 41.9 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:15:24 | 20.34 | 1.252 | 18.75 | 11.997 | 6.8 | 42.1 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:20:24 | 20.34 | 1.252 | 18.75 | 11.995 | 6.8 | 42 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:25:24 | 20.34 | 1.251 | 18.75 | 11.998 | 6.8 | 42 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:30:24 | 20.34 | 1.252 | 18.75 | 11.999 | 6.79 | 42.1 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 16:35:24 | 20.34 | 1.251 | 18.75 | 11.997 | 6.79 | 42.6 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:40:24 | 20.34 | 1.251 | 18.75 | 11.996 | 6.79 | 42.5 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:45:24 | 20.34 | 1.252 | 18.74 | 11.993 | 6.79 | 42.2 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:50:24 | 20.34 | 1.252 | 18.75 | 11.996 | 6.79 | 42.4 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 16:55:24 | 20.34 | 1.252 | 18.75 | 11.994 | 6.79 | 42.2 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 17:00:24 | 20.34 | 1.251 | 18.75 | 11.995 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:05:24 | 20.34 | 1.251 | 18.75 | 11.995 | 6.79 | 42.3 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:10:24 | 20.34 | 1.252 | 18.74 | 11.993 | 6.78 | 42.7 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:15:24 | 20.34 | 1.251 | 18.75 | 11.995 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:20:24 | 20.34 | 1.251 | 18.75 | 11.998 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:25:24 | 20.34 | 1.251 | 18.75 | 11.996 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:30:24 | 20.34 | 1.252 | 18.75 | 11.997 | 6.78 | 43 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:35:24 | 20.34 | 1.252 | 18.75 | 11.996 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:40:24 | 20.34 | 1.252 | 18.75 | 11.998 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:45:24 | 20.34 | 1.252 | 18.75 | 11.998 | 6.79 | 42.7 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:50:24 | 20.34 | 1.251 | 18.75 | 12 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 17:55:24 | 20.34 | 1.252 | 18.75 | 12 | 6.79 | 42.3 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:00:24 | 20.34 | 1.251 | 18.75 | 12 | 6.78 | 42.7 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:05:24 | 20.34 | 1.251 | 18.75 | 12 | 6.78 | 42.8 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:10:24 | 20.34 | 1.251 | 18.75 | 12 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:15:24 | 20.34 | 1.252 | 18.75 | 12.002 | 6.79 | 42.3 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:20:24 | 20.34 | 1.252 | 18.75 | 12.003 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:25:24 | 20.34 | 1.251 | 18.75 | 12.003 | 6.79 | 42.3 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:30:24 | 20.34 | 1.252 | 18.75 | 12.003 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:35:24 | 20.34 | 1.251 | 18.75 | 12.006 | 6.79 | 42.3 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:40:24 | 20.34 | 1.251 | 18.75 | 12.006 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 18:45:24 | 20.34 | 1.252 | 18.75 | 12.008 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:50:24 | 20.34 | 1.251 | 18.75 | 12.01 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 18:55:24 | 20.34 | 1.252 | 18.75 | 12.011 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:00:24 | 20.34 | 1.251 | 18.75 | 12.012 | 6.79 | 42.7 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:05:24 | 20.34 | 1.252 | 18.75 | 12.015 | 6.79 | 42.6 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:10:24 | 20.34 | 1.251 | 18.75 | 12.013 | 6.78 | 42.7 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 19:15:24 | 20.34 | 1.251 | 18.76 | 12.018 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:20:24 | 20.34 | 1.251 | 18.75 | 12.018 | 6.79 | 42.5 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:25:24 | 20.34 | 1.251 | 18.76 | 12.02 | 6.79 | 42.4 | -47 | 2.4 | 0.22 |
| 4/18/2012 | 19:30:24 | 20.34 | 1.251 | 18.76 | 12.022 | 6.79 | 42.4 | -47 | 2.4 | 0.22 |
| 4/18/2012 | 19:35:24 | 20.34 | 1.251 | 18.76 | 12.024 | 6.79 | 42.2 | -47 | 2.4 | 0.22 |
| 4/18/2012 | 19:40:24 | 20.34 | 1.252 | 18.76 | 12.026 | 6.79 | 42.2 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:45:24 | 20.34 | 1.251 | 18.76 | 12.028 | 6.79 | 42.4 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 19:50:24 | 20.34 | 1.252 | 18.76 | 12.034 | 6.79 | 42.2 | -47 | 2.4 | 0.22 |
| 4/18/2012 | 19:55:24 | 20.34 | 1.251 | 18.76 | 12.035 | 6.79 | 42.6 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 20:00:24 | 20.34 | 1.251 | 18.76 | 12.038 | 6.78 | 43 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 20:05:24 | 20.34 | 1.251 | 18.76 | 12.038 | 6.77 | 43.3 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 20:10:24 | 20.34 | 1.251 | 18.77 | 12.043 | 6.77 | 43.7 | -46 | 2.4 | 0.22 |
| 4/18/2012 | 20:15:24 | 20.34 | 1.251 | 18.77 | 12.044 | 6.76 | 44 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 20:20:24 | 20.34 | 1.251 | 18.77 | 12.047 | 6.76 | 44 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 20:25:24 | 20.34 | 1.252 | 18.77 | 12.048 | 6.76 | 44.1 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 20:30:24 | 20.34 | 1.251 | 18.77 | 12.05 | 6.75 | 44.6 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 20:35:24 | 20.34 | 1.251 | 18.77 | 12.053 | 6.75 | 44.4 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 20:40:24 | 20.34 | 1.251 | 18.77 | 12.056 | 6.75 | 44.7 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 20:45:24 | 20.34 | 1.251 | 18.77 | 12.061 | 6.75 | 44.8 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 20:50:24 | 20.34 | 1.251 | 18.77 | 12.063 | 6.75 | 44.9 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 20:55:24 | 20.34 | 1.251 | 18.78 | 12.066 | 6.75 | 45 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 21:00:24 | 20.34 | 1.251 | 18.78 | 12.07 | 6.73 | 45.6 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 21:05:24 | 20.34 | 1.251 | 18.78 | 12.077 | 6.73 | 45.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 21:10:24 | 20.34 | 1.251 | 18.78 | 12.081 | 6.73 | 46.1 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 21:15:24 | 20.34 | 1.251 | 18.79 | 12.088 | 6.72 | 46.7 | -41 | 2.4 | 0.22 |
| 4/18/2012 | 21:20:24 | 20.34 | 1.251 | 18.79 | 12.095 | 6.73 | 46.1 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 21:25:24 | 20.34 | 1.251 | 18.79 | 12.102 | 6.72 | 46.4 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 21:30:24 | 20.34 | 1.251 | 18.79 | 12.107 | 6.72 | 46.5 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 21:35:24 | 20.34 | 1.251 | 18.8 | 12.113 | 6.72 | 46.6 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 21:40:24 | 20.34 | 1.251 | 18.8 | 12.118 | 6.71 | 46.9 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 21:45:24 | 20.34 | 1.251 | 18.8 | 12.12 | 6.71 | 46.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 21:50:24 | 20.34 | 1.251 | 18.8 | 12.124 | 6.72 | 46.7 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 21:55:24 | 20.34 | 1.251 | 18.8 | 12.126 | 6.71 | 47 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 22:00:24 | 20.34 | 1.251 | 18.8 | 12.126 | 6.71 | 46.9 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 22:05:24 | 20.34 | 1.251 | 18.8 | 12.131 | 6.71 | 46.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:10:24 | 20.34 | 1.251 | 18.81 | 12.136 | 6.71 | 47 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:15:24 | 20.34 | 1.25 | 18.81 | 12.139 | 6.71 | 46.9 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:20:24 | 20.34 | 1.251 | 18.81 | 12.138 | 6.7 | 47.3 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:25:24 | 20.34 | 1.251 | 18.81 | 12.138 | 6.7 | 47.5 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 22:30:24 | 20.34 | 1.251 | 18.81 | 12.143 | 6.7 | 47.4 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:35:24 | 20.34 | 1.251 | 18.81 | 12.144 | 6.7 | 47.6 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 22:40:24 | 20.34 | 1.251 | 18.81 | 12.146 | 6.7 | 47.5 | -42 | 2.4 | 0.22 |
| 4/18/2012 | 22:45:24 | 20.34 | 1.25 | 18.81 | 12.144 | 6.71 | 47 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:50:24 | 20.34 | 1.251 | 18.81 | 12.145 | 6.7 | 47.6 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 22:55:24 | 20.34 | 1.25 | 18.81 | 12.145 | 6.69 | 48.2 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 23:00:24 | 20.34 | 1.25 | 18.81 | 12.146 | 6.69 | 48 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 23:05:24 | 20.34 | 1.251 | 18.81 | 12.145 | 6.7 | 47.4 | -43 | 2.4 | 0.22 |
| 4/18/2012 | 23:10:24 | 20.34 | 1.251 | 18.81 | 12.145 | 6.71 | 47.2 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 23:15:24 | 20.34 | 1.25 | 18.81 | 12.144 | 6.71 | 47.3 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 23:20:24 | 20.34 | 1.25 | 18.81 | 12.143 | 6.7 | 47.7 | -45 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 23:25:24 | 20.34 | 1.25 | 18.81 | 12.142 | 6.7 | 47.8 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 23:30:24 | 20.34 | 1.25 | 18.81 | 12.14 | 6.7 | 47.3 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 23:35:24 | 20.34 | 1.25 | 18.81 | 12.137 | 6.7 | 47.9 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 23:40:24 | 20.34 | 1.25 | 18.81 | 12.135 | 6.7 | 47.5 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 23:45:24 | 20.34 | 1.25 | 18.81 | 12.134 | 6.69 | 48 | -44 | 2.4 | 0.22 |
| 4/18/2012 | 23:50:24 | 20.34 | 1.25 | 18.8 | 12.133 | 6.7 | 47.4 | -45 | 2.4 | 0.22 |
| 4/18/2012 | 23:55:24 | 20.34 | 1.25 | 18.8 | 12.13 | 6.71 | 47.2 | -46 | 2.4 | 0.22 |
| 4/19/2012 | 0:00:24 | 20.34 | 1.251 | 18.8 | 12.129 | 6.7 | 47.4 | -46 | 2.4 | 0.22 |
| 4/19/2012 | 0:05:24 | 20.34 | 1.25 | 18.8 | 12.123 | 6.7 | 47.6 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:10:24 | 20.34 | 1.25 | 18.8 | 12.122 | 6.7 | 47.3 | -46 | 2.4 | 0.22 |
| 4/19/2012 | 0:15:24 | 20.34 | 1.25 | 18.8 | 12.119 | 6.7 | 47.4 | -46 | 2.4 | 0.22 |
| 4/19/2012 | 0:20:24 | 20.34 | 1.25 | 18.8 | 12.115 | 6.7 | 47.8 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:25:24 | 20.34 | 1.25 | 18.8 | 12.113 | 6.7 | 47.6 | -46 | 2.4 | 0.22 |
| 4/19/2012 | 0:30:24 | 20.34 | 1.25 | 18.79 | 12.109 | 6.7 | 47.4 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:35:24 | 20.34 | 1.25 | 18.79 | 12.105 | 6.7 | 47.3 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:40:24 | 20.34 | 1.25 | 18.79 | 12.102 | 6.7 | 47.4 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:45:24 | 20.34 | 1.25 | 18.79 | 12.096 | 6.71 | 47.2 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:50:24 | 20.34 | 1.25 | 18.79 | 12.093 | 6.7 | 47.7 | -47 | 2.4 | 0.22 |
| 4/19/2012 | 0:55:24 | 20.34 | 1.25 | 18.79 | 12.09 | 6.71 | 47.3 | -48 | 2.4 | 0.22 |
| 4/19/2012 | 1:00:24 | 20.34 | 1.25 | 18.78 | 12.084 | 6.71 | 47.3 | -48 | 2.4 | 0.22 |
| 4/19/2012 | 1:05:24 | 20.34 | 1.25 | 18.78 | 12.083 | 6.7 | 47.5 | -48 | 2.4 | 0.22 |
| 4/19/2012 | 1:10:24 | 20.34 | 1.25 | 18.78 | 12.076 | 6.7 | 47.4 | -48 | 2.4 | 0.22 |
| 4/19/2012 | 1:15:24 | 20.34 | 1.25 | 18.78 | 12.075 | 6.7 | 47.4 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 1:20:24 | 20.34 | 1.25 | 18.78 | 12.071 | 6.7 | 47.5 | -48 | 2.4 | 0.22 |
| 4/19/2012 | 1:25:24 | 20.34 | 1.25 | 18.78 | 12.068 | 6.7 | 47.4 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 1:30:24 | 20.34 | 1.25 | 18.77 | 12.064 | 6.71 | 47 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 1:35:24 | 20.34 | 1.25 | 18.77 | 12.061 | 6.71 | 47.2 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 1:40:24 | 20.34 | 1.25 | 18.77 | 12.059 | 6.7 | 47.4 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 1:45:24 | 20.34 | 1.25 | 18.77 | 12.055 | 6.7 | 47.7 | -46 | 2.4 | 0.22 |
| 4/19/2012 | 1:50:24 | 20.34 | 1.25 | 18.77 | 12.051 | 6.7 | 47.4 | -48 | 2.4 | 0.22 |
| 4/19/2012 | 1:55:24 | 20.34 | 1.25 | 18.77 | 12.049 | 6.7 | 47.4 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 2:00:24 | 20.34 | 1.25 | 18.77 | 12.045 | 6.71 | 47.1 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 2:05:24 | 20.34 | 1.25 | 18.77 | 12.043 | 6.7 | 47.4 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 2:10:24 | 20.34 | 1.25 | 18.76 | 12.039 | 6.7 | 47.4 | -49 | 2.4 | 0.22 |
| 4/19/2012 | 2:15:24 | 20.34 | 1.25 | 18.76 | 12.036 | 6.71 | 47.2 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:20:24 | 20.34 | 1.25 | 18.76 | 12.033 | 6.71 | 47.1 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:25:24 | 20.34 | 1.25 | 18.76 | 12.031 | 6.71 | 47.1 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:30:24 | 20.34 | 1.25 | 18.76 | 12.028 | 6.71 | 47.1 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:35:24 | 20.34 | 1.25 | 18.76 | 12.026 | 6.71 | 47.2 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:40:24 | 20.34 | 1.25 | 18.76 | 12.026 | 6.71 | 47.1 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:45:24 | 20.34 | 1.25 | 18.76 | 12.024 | 6.71 | 47.1 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 2:50:24 | 20.34 | 1.25 | 18.76 | 12.023 | 6.71 | 47.1 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 2:55:24 | 20.34 | 1.25 | 18.76 | 12.02 | 6.71 | 47.2 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 3:00:24 | 20.34 | 1.25 | 18.76 | 12.018 | 6.7 | 47.4 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 3:05:24 | 20.34 | 1.25 | 18.75 | 12.017 | 6.7 | 47.7 | -50 | 2.4 | 0.22 |
| 4/19/2012 | 3:10:24 | 20.34 | 1.25 | 18.75 | 12.015 | 6.69 | 48 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 3:15:24 | 20.34 | 1.25 | 18.75 | 12.016 | 6.7 | 47.4 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 3:20:24 | 20.34 | 1.25 | 18.75 | 12.016 | 6.71 | 47.2 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 3:25:24 | 20.34 | 1.25 | 18.75 | 12.017 | 6.71 | 47.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 3:30:24 | 20.34 | 1.25 | 18.75 | 12.012 | 6.71 | 47.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 3:35:24 | 20.34 | 1.25 | 18.75 | 12.012 | 6.7 | 47.4 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 3:40:24 | 20.34 | 1.25 | 18.75 | 12.011 | 6.71 | 47 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 3:45:24 | 20.34 | 1.25 | 18.75 | 12.008 | 6.71 | 47.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 3:50:24 | 20.34 | 1.25 | 18.75 | 12.009 | 6.71 | 47.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 3:55:24 | 20.34 | 1.25 | 18.75 | 12.008 | 6.7 | 47.4 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 4:00:24 | 20.34 | 1.25 | 18.75 | 12.008 | 6.7 | 47.4 | -51 | 2.4 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 4:05:24 | 20.34 | 1.25 | 18.75 | 12.005 | 6.7 | 47.5 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:10:24 | 20.34 | 1.25 | 18.75 | 12.002 | 6.7 | 47.7 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:15:24 | 20.34 | 1.25 | 18.75 | 12 | 6.69 | 48.2 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:20:24 | 20.34 | 1.25 | 18.75 | 11.998 | 6.7 | 47.8 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:25:24 | 20.34 | 1.25 | 18.75 | 11.998 | 6.7 | 47.9 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:30:24 | 20.34 | 1.25 | 18.75 | 11.997 | 6.69 | 48.4 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:35:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.4 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:40:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.3 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 4:45:24 | 20.34 | 1.25 | 18.74 | 11.994 | 6.69 | 48 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 4:50:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 4:55:24 | 20.34 | 1.25 | 18.74 | 11.993 | 6.69 | 47.9 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 5:00:24 | 20.34 | 1.25 | 18.74 | 11.991 | 6.69 | 48 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 5:05:24 | 20.34 | 1.25 | 18.74 | 11.994 | 6.68 | 48.5 | -51 | 2.4 | 0.22 |
| 4/19/2012 | 5:10:24 | 20.34 | 1.25 | 18.74 | 11.989 | 6.69 | 48 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 5:15:24 | 20.34 | 1.25 | 18.74 | 11.988 | 6.69 | 47.9 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 5:20:24 | 20.34 | 1.25 | 18.75 | 12.001 | 6.69 | 48.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 5:25:24 | 20.34 | 1.25 | 18.75 | 12.001 | 6.69 | 48.2 | -52 | 2.4 | 0.22 |
| 4/19/2012 | 5:30:24 | 20.35 | 1.25 | 18.75 | 11.998 | 6.69 | 48.3 | -54 | 2.4 | 0.22 |
| 4/19/2012 | 5:35:24 | 20.34 | 1.25 | 18.75 | 11.998 | 6.7 | 47.9 | -53 | 2.4 | 0.22 |
| 4/19/2012 | 5:40:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.3 | -55 | 2.4 | 0.22 |
| 4/19/2012 | 5:45:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.2 | -58 | 2.4 | 0.22 |
| 4/19/2012 | 5:50:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.3 | -59 | 2.4 | 0.22 |
| 4/19/2012 | 5:55:24 | 20.34 | 1.251 | 18.75 | 11.995 | 6.69 | 48.3 | -60 | 2.4 | 0.22 |
| 4/19/2012 | 6:00:24 | 20.34 | 1.25 | 18.75 | 11.996 | 6.69 | 48.3 | -60 | 2.4 | 0.22 |
| 4/19/2012 | 6:05:24 | 20.34 | 1.25 | 18.75 | 11.995 | 6.69 | 48.2 | -60 | 2.4 | 0.22 |
| 4/19/2012 | 6:10:24 | 20.34 | 1.25 | 18.75 | 11.997 | 6.69 | 48 | -59 | 2.4 | 0.22 |
| 4/19/2012 | 6:15:24 | 20.34 | 1.25 | 18.75 | 11.999 | 6.69 | 48.2 | -60 | 2.4 | 0.22 |
| 4/19/2012 | 6:20:24 | 20.34 | 1.25 | 18.75 | 12 | 6.68 | 48.5 | -61 | 2.4 | 0.22 |
| 4/19/2012 | 6:25:24 | 20.34 | 1.25 | 18.75 | 12 | 6.69 | 48.2 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 6:30:24 | 20.34 | 1.25 | 18.75 | 12.001 | 6.69 | 48.1 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 6:35:24 | 20.34 | 1.25 | 18.75 | 12.003 | 6.69 | 48.3 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 6:40:24 | 20.34 | 1.25 | 18.75 | 12.003 | 6.69 | 48.3 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 6:45:24 | 20.34 | 1.25 | 18.75 | 12.003 | 6.68 | 49 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 6:50:24 | 20.34 | 1.25 | 18.75 | 12.005 | 6.69 | 48.4 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 6:55:24 | 20.34 | 1.25 | 18.75 | 12.007 | 6.68 | 48.6 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:00:24 | 20.34 | 1.25 | 18.75 | 12.008 | 6.68 | 48.8 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:05:24 | 20.34 | 1.25 | 18.75 | 12.007 | 6.68 | 48.5 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:10:24 | 20.34 | 1.25 | 18.75 | 12.011 | 6.68 | 48.6 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:15:24 | 20.34 | 1.25 | 18.75 | 12.011 | 6.68 | 48.6 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 7:20:24 | 20.34 | 1.25 | 18.75 | 12.014 | 6.67 | 49.1 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:25:24 | 20.34 | 1.25 | 18.76 | 12.019 | 6.67 | 49.1 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:30:24 | 20.34 | 1.25 | 18.76 | 12.022 | 6.67 | 49.1 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 7:35:24 | 20.34 | 1.25 | 18.76 | 12.023 | 6.68 | 48.6 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 7:40:24 | 20.34 | 1.25 | 18.76 | 12.025 | 6.68 | 48.8 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 7:45:24 | 20.34 | 1.249 | 18.76 | 12.024 | 6.68 | 48.9 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 7:50:24 | 20.34 | 1.25 | 18.76 | 12.029 | 6.67 | 49.3 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 7:55:24 | 20.34 | 1.25 | 18.76 | 12.031 | 6.67 | 49.3 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:00:24 | 20.34 | 1.25 | 18.76 | 12.031 | 6.67 | 49.2 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:05:24 | 20.34 | 1.25 | 18.76 | 12.034 | 6.67 | 49.1 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:10:24 | 20.34 | 1.25 | 18.76 | 12.036 | 6.68 | 48.9 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 8:15:24 | 20.34 | 1.249 | 18.76 | 12.037 | 6.67 | 49.1 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:20:24 | 20.34 | 1.25 | 18.76 | 12.037 | 6.68 | 48.8 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:25:24 | 20.34 | 1.25 | 18.76 | 12.039 | 6.67 | 49.4 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:30:24 | 20.34 | 1.249 | 18.77 | 12.045 | 6.68 | 48.9 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:35:24 | 20.34 | 1.249 | 18.77 | 12.048 | 6.67 | 49.2 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 8:40:24 | 20.34 | 1.25 | 18.77 | 12.047 | 6.67 | 49.4 | -62 | 2.4 | 0.22 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 8:45:24 | 20.34 | 1.249 | 18.77 | 12.049 | 6.67 | 49.1 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 8:50:24 | 20.34 | 1.25 | 18.77 | 12.05 | 6.67 | 49.3 | -62 | 2.4 | 0.22 |
| 4/19/2012 | 8:55:24 | 20.34 | 1.25 | 18.77 | 12.052 | 6.68 | 49 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 9:00:24 | 20.34 | 1.249 | 18.77 | 12.054 | 6.67 | 49.3 | -63 | 2.4 | 0.22 |
| 4/19/2012 | 9:05:24 | 20.34 | 1.25 | 18.77 | 12.057 | 6.68 | 48.8 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 9:10:24 | 20.34 | 1.249 | 18.77 | 12.058 | 6.68 | 49 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 9:15:24 | 20.34 | 1.249 | 18.77 | 12.059 | 6.67 | 49.3 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 9:20:24 | 20.34 | 1.249 | 18.77 | 12.063 | 6.67 | 49.3 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 9:25:24 | 20.34 | 1.249 | 18.78 | 12.066 | 6.68 | 49 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 9:30:24 | 20.34 | 1.25 | 18.78 | 12.072 | 6.68 | 48.9 | -66 | 2.4 | 0.22 |
| 4/19/2012 | 9:35:24 | 20.34 | 1.25 | 18.78 | 12.075 | 6.68 | 48.8 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 9:40:24 | 20.34 | 1.249 | 18.78 | 12.076 | 6.67 | 49.4 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 9:45:24 | 20.34 | 1.249 | 18.78 | 12.08 | 6.67 | 49.3 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 9:50:24 | 20.34 | 1.249 | 18.78 | 12.086 | 6.67 | 49.4 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 9:55:24 | 20.34 | 1.249 | 18.79 | 12.092 | 6.67 | 49.4 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:00:24 | 20.34 | 1.249 | 18.79 | 12.095 | 6.67 | 49.3 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 10:05:24 | 20.34 | 1.249 | 18.79 | 12.1 | 6.67 | 49.1 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:10:24 | 20.34 | 1.25 | 18.79 | 12.105 | 6.68 | 49 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:15:24 | 20.34 | 1.25 | 18.79 | 12.107 | 6.67 | 49.5 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 10:20:24 | 20.34 | 1.249 | 18.8 | 12.112 | 6.67 | 49.2 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:25:24 | 20.34 | 1.25 | 18.8 | 12.113 | 6.67 | 49.1 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:30:24 | 20.34 | 1.249 | 18.8 | 12.118 | 6.67 | 49.4 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 10:35:24 | 20.34 | 1.249 | 18.8 | 12.12 | 6.67 | 49.3 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:40:24 | 20.34 | 1.249 | 18.8 | 12.124 | 6.67 | 49.1 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:45:24 | 20.34 | 1.249 | 18.8 | 12.125 | 6.67 | 49.1 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 10:50:24 | 20.34 | 1.249 | 18.8 | 12.126 | 6.67 | 49.3 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 10:55:24 | 20.34 | 1.25 | 18.8 | 12.127 | 6.67 | 49.4 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 11:00:24 | 20.34 | 1.249 | 18.8 | 12.131 | 6.68 | 48.8 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 11:05:24 | 20.34 | 1.249 | 18.8 | 12.132 | 6.67 | 49.5 | -64 | 2.4 | 0.22 |
| 4/19/2012 | 11:10:24 | 20.34 | 1.249 | 18.81 | 12.134 | 6.67 | 49.4 | -65 | 2.4 | 0.22 |
| 4/19/2012 | 11:15:24 | 20.34 | 1.249 | 18.81 | 12.135 | 6.67 | 49.3 | -66 | 2.4 | 0.22 |
| 4/19/2012 | 11:20:24 | 20.34 | 1.249 | 18.81 | 12.136 | 6.67 | 49.3 | -66 | 2.4 | 0.22 |
| 4/19/2012 | 11:25:24 | 20.34 | 1.249 | 18.81 | 12.134 | 6.67 | 49.1 | -67 | 2.4 | 0.22 |
| 4/19/2012 | 11:30:24 | 20.34 | 1.249 | 18.81 | 12.136 | 6.67 | 49.2 | -68 | 2.4 | 0.22 |
| 4/19/2012 | 11:35:24 | 20.34 | 1.249 | 18.81 | 12.136 | 6.67 | 49.1 | -67 | 2.4 | 0.22 |
| 4/19/2012 | 11:40:24 | 20.34 | 1.249 | 18.81 | 12.138 | 6.67 | 49.6 | -67 | 2.4 | 0.22 |
| 4/19/2012 | 11:45:24 | 20.34 | 1.249 | 18.81 | 12.137 | 6.67 | 49.3 | -67 | 2.4 | 0.22 |
| 4/19/2012 | 11:50:24 | 20.34 | 1.249 | 18.81 | 12.136 | 6.66 | 49.7 | -67 | 2.4 | 0.22 |
| 4/19/2012 | 11:55:24 | 20.34 | 1.249 | 18.81 | 12.138 | 6.67 | 49.6 | -67 | 2.4 | 0.22 |
| 4/19/2012 | 12:00:24 | 20.34 | 1.25 | 18.8 | 12.129 | 6.67 | 49.4 | -68 | 2.4 | 0.22 |
| 4/19/2012 | 12:05:24 | 20.34 | 1.249 | 18.8 | 12.128 | 6.68 | 49 | -70 | 2.4 | 0.22 |
| 4/19/2012 | 12:10:24 | 20.34 | 1.249 | 18.8 | 12.126 | 6.68 | 49 | -70 | 2.4 | 0.22 |
| 4/19/2012 | 12:15:24 | 20.34 | 1.249 | 18.8 | 12.123 | 6.68 | 48.6 | -71 | 2.4 | 0.22 |
| 4/19/2012 | 12:20:24 | 20.34 | 1.249 | 18.8 | 12.12 | 6.67 | 49.3 | -71 | 2.4 | 0.22 |
| 4/19/2012 | 12:25:24 | 20.34 | 1.249 | 18.8 | 12.115 | 6.68 | 49 | -71 | 2.4 | 0.22 |
| 4/19/2012 | 12:30:24 | 20.34 | 1.249 | 18.8 | 12.114 | 6.66 | 49.7 | -70 | 2.4 | 0.22 |
| 4/19/2012 | 12:35:24 | 20.34 | 1.249 | 18.79 | 12.109 | 6.67 | 49.5 | -70 | 2.4 | 0.22 |
| 4/19/2012 | 12:40:24 | 20.34 | 1.249 | 18.79 | 12.106 | 6.67 | 49.2 | -71 | 2.4 | 0.22 |
| 4/19/2012 | 12:45:24 | 20.34 | 1.25 | 18.79 | 12.103 | 6.67 | 49.3 | -72 | 2.4 | 0.22 |
| 4/19/2012 | 12:50:24 | 20.34 | 1.249 | 18.79 | 12.099 | 6.67 | 49.3 | -72 | 2.4 | 0.22 |
| 4/19/2012 | 12:55:24 | 20.34 | 1.25 | 18.79 | 12.094 | 6.67 | 49.3 | -72 | 2.4 | 0.22 |
| 4/19/2012 | 13:00:24 | 20.34 | 1.249 | 18.79 | 12.093 | 6.67 | 49.1 | -72 | 2.4 | 0.22 |

VOPAK-6-MW-33

| Date | Time | Temp | SpCond | PressureA | Depth | pH | pHmV | ORP | ODO% | ODO Conc |
|---|---|---|---|---|---|---|---|---|---|---|
| M/D/Y | hh:mm:ss | C | mS/cm | psia | ft | | mV | mV | % | mg/L |
| 4/12/2012 | 13:40:32 | 23.39 | 0.007 | 14.73 | 1.596 | 7.2 | -24.4 | 143 | 93.8 | 7.98 |
| 4/12/2012 | 13:45:31 | 23.43 | 0.007 | 14.73 | 1.597 | 7.18 | -23.6 | 145 | 93.8 | 7.98 |
| 4/12/2012 | 13:50:31 | 23.44 | 0.007 | 14.73 | 1.603 | 7.16 | -22.5 | 146 | 94 | 8 |
| 4/12/2012 | 13:55:32 | 23.44 | 0.007 | 14.73 | 1.603 | 7.16 | -22.5 | 146 | 94 | 8 |
| 4/12/2012 | 14:00:32 | 23.38 | 0.007 | 14.73 | 1.612 | 7.07 | -17.2 | 142 | 94.1 | 8.02 |
| 4/12/2012 | 14:05:32 | 23.43 | 0.006 | 14.73 | 1.613 | 7.09 | -18.5 | 145 | 94.1 | 8.01 |
| 4/12/2012 | 14:10:31 | 23.55 | 0.006 | 14.73 | 1.608 | 7.12 | -19.8 | 145 | 94.2 | 8 |
| 4/12/2012 | 14:15:31 | 23.67 | 0.005 | 14.73 | 1.609 | 7.14 | -21.2 | 146 | 94.1 | 7.97 |
| 4/12/2012 | 14:20:31 | 23.79 | 0.005 | 14.73 | 1.611 | 7.16 | -22.5 | 146 | 94.2 | 7.96 |
| 4/12/2012 | 14:25:32 | 23.89 | 0.005 | 14.74 | 1.635 | 7.18 | -23.6 | 146 | 94.3 | 7.96 |
| 4/12/2012 | 14:30:31 | 23.97 | 0.005 | 14.73 | 1.61 | 7.2 | -24.6 | 146 | 94.3 | 7.95 |
| 4/12/2012 | 14:35:32 | 24.04 | 0.005 | 14.73 | 1.609 | 7.21 | -25.5 | 146 | 94.4 | 7.94 |
| 4/12/2012 | 14:40:31 | 24.09 | 0.005 | 14.73 | 1.612 | 7.22 | -26.1 | 146 | 94.5 | 7.94 |
| 4/12/2012 | 14:45:32 | 24.14 | 0.005 | 14.73 | 1.609 | 7.23 | -26.6 | 147 | 94.5 | 7.93 |
| 4/12/2012 | 14:50:31 | 24.25 | 0.005 | 14.73 | 1.603 | 7.24 | -26.8 | 141 | 94.3 | 7.9 |
| 4/12/2012 | 14:55:32 | 23.98 | 0.005 | 14.73 | 1.602 | 7.14 | -21 | 145 | 94.6 | 7.97 |
| 4/12/2012 | 15:00:32 | 23.74 | 0.006 | 14.73 | 1.597 | 7.11 | -19.2 | 145 | 94.9 | 8.02 |
| 4/12/2012 | 15:05:32 | 21.66 | 0 | 14.73 | 1.605 | 6.51 | 15.5 | 72 | 94 | 8.27 |
| 4/12/2012 | 15:10:32 | 21.14 | 0.533 | 18.81 | 11.063 | 5.54 | 71.5 | -217 | 10.8 | 0.96 |
| 4/12/2012 | 15:15:32 | 21.2 | 0.535 | 18.74 | 10.895 | 5.54 | 71.5 | -219 | 7.9 | 0.7 |
| 4/12/2012 | 15:20:32 | 21.22 | 0.536 | 18.73 | 10.865 | 5.54 | 71.5 | -192 | 6.8 | 0.6 |
| 4/12/2012 | 15:25:32 | 21.21 | 0.536 | 18.72 | 10.851 | 5.54 | 71.5 | -201 | 6 | 0.53 |
| 4/12/2012 | 15:30:32 | 21.19 | 0.536 | 18.72 | 10.842 | 5.54 | 71.5 | -193 | 5.5 | 0.49 |
| 4/12/2012 | 15:35:32 | 21.2 | 0.535 | 18.72 | 10.832 | 5.54 | 71.4 | -182 | 5.2 | 0.46 |
| 4/12/2012 | 15:40:32 | 21.19 | 0.535 | 18.71 | 10.826 | 5.54 | 71.4 | -190 | 4.9 | 0.43 |
| 4/12/2012 | 15:45:32 | 21.18 | 0.535 | 18.71 | 10.824 | 5.54 | 71.2 | -187 | 4.8 | 0.42 |
| 4/12/2012 | 15:50:32 | 21.18 | 0.535 | 18.71 | 10.824 | 5.54 | 71.2 | -187 | 4.5 | 0.4 |
| 4/12/2012 | 15:55:32 | 21.18 | 0.534 | 18.71 | 10.824 | 5.55 | 71.2 | -182 | 4.4 | 0.39 |
| 4/12/2012 | 16:00:32 | 21.18 | 0.534 | 18.71 | 10.822 | 5.55 | 71 | -179 | 4.3 | 0.38 |
| 4/12/2012 | 16:05:32 | 21.18 | 0.534 | 18.71 | 10.819 | 5.55 | 71 | -177 | 4.2 | 0.37 |
| 4/12/2012 | 16:10:32 | 21.17 | 0.534 | 18.71 | 10.822 | 5.55 | 71 | -174 | 4.1 | 0.37 |
| 4/12/2012 | 16:15:32 | 21.18 | 0.534 | 18.71 | 10.821 | 5.55 | 70.9 | -171 | 4 | 0.36 |
| 4/12/2012 | 16:20:32 | 21.18 | 0.534 | 18.71 | 10.821 | 5.55 | 70.9 | -177 | 4 | 0.35 |
| 4/12/2012 | 16:25:32 | 21.18 | 0.534 | 18.71 | 10.82 | 5.55 | 70.9 | -197 | 3.9 | 0.34 |
| 4/12/2012 | 16:30:32 | 21.14 | 0.533 | 18.71 | 10.824 | 5.55 | 70.8 | -156 | 3.8 | 0.34 |
| 4/12/2012 | 16:35:32 | 21.15 | 0.533 | 18.71 | 10.824 | 5.55 | 70.7 | -155 | 3.8 | 0.34 |
| 4/12/2012 | 16:40:32 | 21.17 | 0.533 | 18.71 | 10.821 | 5.55 | 70.7 | -158 | 3.7 | 0.33 |
| 4/12/2012 | 16:45:32 | 21.19 | 0.533 | 18.71 | 10.82 | 5.55 | 70.7 | -160 | 3.7 | 0.33 |
| 4/12/2012 | 16:50:32 | 21.19 | 0.533 | 18.71 | 10.82 | 5.55 | 70.7 | -159 | 3.7 | 0.33 |
| 4/12/2012 | 16:55:32 | 21.19 | 0.533 | 18.71 | 10.82 | 5.55 | 70.7 | -156 | 3.6 | 0.32 |
| 4/12/2012 | 17:00:32 | 21.19 | 0.533 | 18.71 | 10.822 | 5.55 | 70.7 | -153 | 3.6 | 0.32 |
| 4/12/2012 | 17:05:32 | 21.19 | 0.533 | 18.71 | 10.818 | 5.55 | 70.7 | -147 | 3.6 | 0.32 |
| 4/12/2012 | 17:10:32 | 21.19 | 0.533 | 18.71 | 10.819 | 5.56 | 70.6 | -150 | 3.6 | 0.32 |
| 4/12/2012 | 17:15:32 | 21.19 | 0.533 | 18.71 | 10.817 | 5.56 | 70.6 | -152 | 3.5 | 0.31 |
| 4/12/2012 | 17:20:32 | 21.19 | 0.533 | 18.71 | 10.818 | 5.56 | 70.6 | -148 | 3.5 | 0.31 |
| 4/12/2012 | 17:25:32 | 21.18 | 0.533 | 18.71 | 10.817 | 5.56 | 70.6 | -148 | 3.5 | 0.31 |
| 4/12/2012 | 17:30:32 | 21.17 | 0.533 | 18.71 | 10.819 | 5.56 | 70.4 | -152 | 3.5 | 0.31 |
| 4/12/2012 | 17:35:32 | 21.16 | 0.533 | 18.71 | 10.819 | 5.56 | 70.4 | -152 | 3.5 | 0.31 |
| 4/12/2012 | 17:40:32 | 21.19 | 0.533 | 18.71 | 10.819 | 5.56 | 70.5 | -149 | 3.5 | 0.31 |
| 4/12/2012 | 17:45:32 | 21.19 | 0.533 | 18.71 | 10.819 | 5.56 | 70.5 | -150 | 3.5 | 0.31 |
| 4/12/2012 | 17:50:32 | 21.18 | 0.533 | 18.71 | 10.818 | 5.56 | 70.4 | -149 | 3.4 | 0.31 |
| 4/12/2012 | 17:55:32 | 21.19 | 0.533 | 18.71 | 10.817 | 5.56 | 70.5 | -148 | 3.4 | 0.31 |
| 4/12/2012 | 18:00:32 | 21.19 | 0.533 | 18.71 | 10.816 | 5.56 | 70.4 | -145 | 3.4 | 0.3 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 18:05:32 | 21.18 | 0.533 | 18.71 | 10.816 | 5.56 | 70.4 | -143 | 3.4 | 0.3 |
| 4/12/2012 | 18:10:32 | 21.19 | 0.533 | 18.71 | 10.819 | 5.56 | 70.4 | -147 | 3.4 | 0.3 |
| 4/12/2012 | 18:15:32 | 21.2 | 0.533 | 18.71 | 10.816 | 5.56 | 70.4 | -143 | 3.4 | 0.3 |
| 4/12/2012 | 18:20:32 | 21.19 | 0.533 | 18.71 | 10.816 | 5.56 | 70.4 | -145 | 3.4 | 0.3 |
| 4/12/2012 | 18:25:32 | 21.19 | 0.533 | 18.71 | 10.815 | 5.56 | 70.4 | -142 | 3.4 | 0.3 |
| 4/12/2012 | 18:30:32 | 21.19 | 0.533 | 18.71 | 10.816 | 5.56 | 70.4 | -141 | 3.4 | 0.3 |
| 4/12/2012 | 18:35:32 | 21.18 | 0.533 | 18.71 | 10.816 | 5.56 | 70.4 | -141 | 3.4 | 0.3 |
| 4/12/2012 | 18:40:32 | 21.18 | 0.533 | 18.71 | 10.815 | 5.56 | 70.4 | -139 | 3.4 | 0.3 |
| 4/12/2012 | 18:45:32 | 21.18 | 0.533 | 18.71 | 10.81 | 5.56 | 70.4 | -145 | 3.4 | 0.3 |
| 4/12/2012 | 18:50:32 | 21.18 | 0.533 | 18.71 | 10.809 | 5.56 | 70.4 | -139 | 3.4 | 0.3 |
| 4/12/2012 | 18:55:32 | 21.18 | 0.533 | 18.71 | 10.81 | 5.56 | 70.4 | -140 | 3.4 | 0.3 |
| 4/12/2012 | 19:00:32 | 21.18 | 0.533 | 18.7 | 10.807 | 5.56 | 70.3 | -142 | 3.4 | 0.3 |
| 4/12/2012 | 19:05:32 | 21.19 | 0.533 | 18.7 | 10.806 | 5.56 | 70.3 | -142 | 3.4 | 0.3 |
| 4/12/2012 | 19:10:32 | 21.18 | 0.533 | 18.71 | 10.809 | 5.56 | 70.2 | -140 | 3.4 | 0.3 |
| 4/12/2012 | 19:15:32 | 21.17 | 0.533 | 18.71 | 10.809 | 5.56 | 70.1 | -138 | 3.4 | 0.3 |
| 4/12/2012 | 19:20:32 | 21.17 | 0.533 | 18.71 | 10.809 | 5.56 | 70.3 | -136 | 3.4 | 0.3 |
| 4/12/2012 | 19:25:32 | 21.15 | 0.533 | 18.7 | 10.807 | 5.56 | 70.1 | -156 | 3.4 | 0.3 |
| 4/12/2012 | 19:30:32 | 21.16 | 0.533 | 18.7 | 10.806 | 5.56 | 70.1 | -153 | 3.4 | 0.3 |
| 4/12/2012 | 19:35:32 | 21.16 | 0.533 | 18.7 | 10.805 | 5.56 | 70.2 | -150 | 3.4 | 0.3 |
| 4/12/2012 | 19:40:32 | 21.16 | 0.533 | 18.7 | 10.806 | 5.56 | 70.2 | -145 | 3.4 | 0.3 |
| 4/12/2012 | 19:45:32 | 21.17 | 0.533 | 18.7 | 10.806 | 5.56 | 70.3 | -145 | 3.4 | 0.3 |
| 4/12/2012 | 19:50:32 | 21.17 | 0.534 | 18.7 | 10.805 | 5.56 | 70.3 | -136 | 3.4 | 0.3 |
| 4/12/2012 | 19:55:32 | 21.18 | 0.534 | 18.7 | 10.803 | 5.56 | 70.4 | -138 | 3.4 | 0.3 |
| 4/12/2012 | 20:00:32 | 21.18 | 0.534 | 18.7 | 10.803 | 5.56 | 70.4 | -135 | 3.4 | 0.3 |
| 4/12/2012 | 20:05:32 | 21.18 | 0.534 | 18.7 | 10.806 | 5.56 | 70.3 | -133 | 3.4 | 0.3 |
| 4/12/2012 | 20:10:32 | 21.18 | 0.534 | 18.7 | 10.804 | 5.56 | 70.3 | -134 | 3.4 | 0.3 |
| 4/12/2012 | 20:15:32 | 21.18 | 0.533 | 18.7 | 10.804 | 5.56 | 70.3 | -135 | 3.4 | 0.3 |
| 4/12/2012 | 20:20:32 | 21.18 | 0.533 | 18.7 | 10.805 | 5.56 | 70.3 | -131 | 3.4 | 0.3 |
| 4/12/2012 | 20:25:32 | 21.16 | 0.533 | 18.7 | 10.805 | 5.56 | 70.3 | -129 | 3.3 | 0.3 |
| 4/12/2012 | 20:30:32 | 21.14 | 0.533 | 18.7 | 10.805 | 5.56 | 70.3 | -130 | 3.4 | 0.3 |
| 4/12/2012 | 20:35:32 | 21.14 | 0.534 | 18.7 | 10.804 | 5.56 | 70.3 | -128 | 3.4 | 0.3 |
| 4/12/2012 | 20:40:32 | 21.14 | 0.534 | 18.7 | 10.806 | 5.56 | 70.2 | -130 | 3.3 | 0.3 |
| 4/12/2012 | 20:45:32 | 21.14 | 0.534 | 18.71 | 10.808 | 5.56 | 70.3 | -130 | 3.3 | 0.3 |
| 4/12/2012 | 20:50:32 | 21.16 | 0.533 | 18.7 | 10.805 | 5.56 | 70.3 | -131 | 3.3 | 0.3 |
| 4/12/2012 | 20:55:32 | 21.15 | 0.534 | 18.7 | 10.806 | 5.56 | 70.2 | -131 | 3.4 | 0.3 |
| 4/12/2012 | 21:00:32 | 21.15 | 0.533 | 18.7 | 10.806 | 5.56 | 70.2 | -134 | 3.3 | 0.3 |
| 4/12/2012 | 21:05:32 | 21.15 | 0.533 | 18.7 | 10.805 | 5.56 | 70.1 | -136 | 3.3 | 0.3 |
| 4/12/2012 | 21:10:32 | 21.16 | 0.533 | 18.7 | 10.805 | 5.56 | 70.2 | -124 | 3.3 | 0.3 |
| 4/12/2012 | 21:15:32 | 21.17 | 0.533 | 18.7 | 10.802 | 5.56 | 70.2 | -131 | 3.3 | 0.3 |
| 4/12/2012 | 21:20:32 | 21.17 | 0.533 | 18.7 | 10.803 | 5.57 | 70 | -138 | 3.3 | 0.3 |
| 4/12/2012 | 21:25:32 | 21.17 | 0.533 | 18.7 | 10.801 | 5.56 | 70.1 | -134 | 3.3 | 0.3 |
| 4/12/2012 | 21:30:32 | 21.15 | 0.533 | 18.7 | 10.803 | 5.56 | 70.1 | -139 | 3.3 | 0.3 |
| 4/12/2012 | 21:35:32 | 21.15 | 0.533 | 18.7 | 10.803 | 5.56 | 70.2 | -151 | 3.3 | 0.3 |
| 4/12/2012 | 21:40:32 | 21.13 | 0.534 | 18.7 | 10.804 | 5.56 | 70.2 | -150 | 3.3 | 0.3 |
| 4/12/2012 | 21:45:32 | 21.14 | 0.534 | 18.7 | 10.805 | 5.56 | 70.1 | -143 | 3.3 | 0.3 |
| 4/12/2012 | 21:50:32 | 21.15 | 0.534 | 18.7 | 10.806 | 5.56 | 70.1 | -138 | 3.3 | 0.3 |
| 4/12/2012 | 21:55:32 | 21.15 | 0.534 | 18.7 | 10.805 | 5.56 | 70.1 | -149 | 3.3 | 0.3 |
| 4/12/2012 | 22:00:32 | 21.14 | 0.534 | 18.7 | 10.788 | 5.56 | 70.2 | -138 | 3.3 | 0.3 |
| 4/12/2012 | 22:05:32 | 21.14 | 0.535 | 18.69 | 10.782 | 5.56 | 70.1 | -140 | 3.3 | 0.3 |
| 4/12/2012 | 22:10:32 | 21.12 | 0.535 | 18.69 | 10.783 | 5.56 | 70.1 | -138 | 3.3 | 0.3 |
| 4/12/2012 | 22:15:32 | 21.14 | 0.534 | 18.69 | 10.784 | 5.57 | 69.9 | -137 | 3.3 | 0.3 |
| 4/12/2012 | 22:20:32 | 21.14 | 0.535 | 18.7 | 10.786 | 5.56 | 70.1 | -136 | 3.3 | 0.3 |
| 4/12/2012 | 22:25:32 | 21.14 | 0.534 | 18.7 | 10.789 | 5.56 | 70.1 | -141 | 3.3 | 0.3 |
| 4/12/2012 | 22:30:32 | 21.15 | 0.535 | 18.7 | 10.791 | 5.56 | 70.1 | -135 | 3.3 | 0.3 |
| 4/12/2012 | 22:35:32 | 21.14 | 0.535 | 18.7 | 10.792 | 5.56 | 70.1 | -132 | 3.3 | 0.3 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 22:40:32 | 21.13 | 0.535 | 18.7 | 10.793 | 5.57 | 69.9 | -135 | 3.3 | 0.3 |
| 4/12/2012 | 22:45:32 | 21.12 | 0.535 | 18.7 | 10.796 | 5.56 | 70.1 | -144 | 3.3 | 0.3 |
| 4/12/2012 | 22:50:32 | 21.12 | 0.535 | 18.7 | 10.796 | 5.57 | 70 | -141 | 3.3 | 0.3 |
| 4/12/2012 | 22:55:32 | 21.12 | 0.535 | 18.7 | 10.799 | 5.56 | 70.1 | -139 | 3.3 | 0.3 |
| 4/12/2012 | 23:00:32 | 21.12 | 0.534 | 18.7 | 10.801 | 5.56 | 70.2 | -139 | 3.3 | 0.3 |
| 4/12/2012 | 23:05:32 | 21.12 | 0.535 | 18.7 | 10.799 | 5.56 | 70.2 | -132 | 3.3 | 0.3 |
| 4/12/2012 | 23:10:32 | 21.09 | 0.533 | 18.7 | 10.802 | 5.56 | 70.1 | -181 | 3.3 | 0.29 |
| 4/12/2012 | 23:15:32 | 21.12 | 0.533 | 18.7 | 10.803 | 5.56 | 70.2 | -170 | 3.3 | 0.3 |
| 4/12/2012 | 23:20:32 | 21.15 | 0.534 | 18.7 | 10.801 | 5.56 | 70.3 | -159 | 3.3 | 0.3 |
| 4/12/2012 | 23:25:32 | 21.16 | 0.534 | 18.7 | 10.802 | 5.56 | 70.3 | -155 | 3.3 | 0.3 |
| 4/12/2012 | 23:30:32 | 21.16 | 0.534 | 18.7 | 10.803 | 5.56 | 70.3 | -153 | 3.3 | 0.3 |
| 4/12/2012 | 23:35:32 | 21.15 | 0.534 | 18.7 | 10.804 | 5.56 | 70.3 | -146 | 3.3 | 0.3 |
| 4/12/2012 | 23:40:32 | 21.16 | 0.534 | 18.71 | 10.827 | 5.56 | 70.3 | -144 | 3.3 | 0.3 |
| 4/12/2012 | 23:45:32 | 21.15 | 0.534 | 18.72 | 10.834 | 5.56 | 70.3 | -147 | 3.3 | 0.3 |
| 4/12/2012 | 23:50:32 | 21.14 | 0.534 | 18.72 | 10.836 | 5.56 | 70.3 | -141 | 3.3 | 0.29 |
| 4/12/2012 | 23:55:32 | 21.14 | 0.534 | 18.72 | 10.837 | 5.56 | 70.3 | -135 | 3.3 | 0.3 |
| 4/13/2012 | 0:00:32 | 21.15 | 0.534 | 18.72 | 10.836 | 5.56 | 70.3 | -135 | 3.3 | 0.3 |
| 4/13/2012 | 0:05:32 | 21.15 | 0.534 | 18.72 | 10.836 | 5.56 | 70.3 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 0:10:32 | 21.14 | 0.534 | 18.72 | 10.833 | 5.56 | 70.3 | -136 | 3.3 | 0.3 |
| 4/13/2012 | 0:15:32 | 21.14 | 0.535 | 18.72 | 10.832 | 5.56 | 70.3 | -133 | 3.3 | 0.3 |
| 4/13/2012 | 0:20:32 | 21.15 | 0.535 | 18.71 | 10.83 | 5.56 | 70.2 | -133 | 3.3 | 0.29 |
| 4/13/2012 | 0:25:32 | 21.15 | 0.535 | 18.71 | 10.828 | 5.56 | 70.2 | -131 | 3.3 | 0.29 |
| 4/13/2012 | 0:30:32 | 21.16 | 0.534 | 18.72 | 10.835 | 5.56 | 70.3 | -132 | 3.3 | 0.3 |
| 4/13/2012 | 0:35:32 | 21.1 | 0.533 | 18.71 | 10.819 | 5.56 | 70.1 | -137 | 3.3 | 0.3 |
| 4/13/2012 | 0:40:32 | 21.15 | 0.533 | 18.71 | 10.818 | 5.56 | 70.3 | -136 | 3.3 | 0.3 |
| 4/13/2012 | 0:45:32 | 21.18 | 0.533 | 18.71 | 10.816 | 5.56 | 70.2 | -136 | 3.3 | 0.3 |
| 4/13/2012 | 0:50:32 | 21.17 | 0.533 | 18.71 | 10.817 | 5.56 | 70.3 | -136 | 3.3 | 0.29 |
| 4/13/2012 | 0:55:32 | 21.16 | 0.533 | 18.71 | 10.817 | 5.56 | 70.3 | -135 | 3.3 | 0.3 |
| 4/13/2012 | 1:00:32 | 21.14 | 0.533 | 18.71 | 10.818 | 5.56 | 70.3 | -135 | 3.3 | 0.3 |
| 4/13/2012 | 1:05:32 | 21.15 | 0.533 | 18.71 | 10.822 | 5.56 | 70.2 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 1:10:32 | 21.17 | 0.534 | 18.71 | 10.821 | 5.56 | 70.2 | -133 | 3.3 | 0.3 |
| 4/13/2012 | 1:15:32 | 21.17 | 0.533 | 18.71 | 10.821 | 5.56 | 70.2 | -132 | 3.3 | 0.29 |
| 4/13/2012 | 1:20:32 | 21.17 | 0.534 | 18.71 | 10.82 | 5.56 | 70.2 | -134 | 3.3 | 0.29 |
| 4/13/2012 | 1:25:32 | 21.17 | 0.534 | 18.71 | 10.823 | 5.56 | 70.2 | -133 | 3.3 | 0.3 |
| 4/13/2012 | 1:30:32 | 21.18 | 0.534 | 18.71 | 10.821 | 5.56 | 70.2 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 1:35:32 | 21.18 | 0.534 | 18.71 | 10.825 | 5.56 | 70.2 | -133 | 3.3 | 0.3 |
| 4/13/2012 | 1:40:32 | 21.19 | 0.534 | 18.71 | 10.823 | 5.56 | 70.2 | -134 | 3.3 | 0.29 |
| 4/13/2012 | 1:45:32 | 21.19 | 0.533 | 18.71 | 10.823 | 5.56 | 70.2 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 1:50:32 | 21.18 | 0.533 | 18.71 | 10.819 | 5.56 | 70.3 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 1:55:32 | 21.13 | 0.534 | 18.71 | 10.824 | 5.56 | 70.1 | -143 | 3.3 | 0.3 |
| 4/13/2012 | 2:00:32 | 21.17 | 0.533 | 18.71 | 10.824 | 5.56 | 70.2 | -139 | 3.3 | 0.29 |
| 4/13/2012 | 2:05:32 | 21.19 | 0.533 | 18.71 | 10.824 | 5.56 | 70.2 | -137 | 3.3 | 0.29 |
| 4/13/2012 | 2:10:32 | 21.19 | 0.533 | 18.71 | 10.825 | 5.56 | 70.2 | -140 | 3.3 | 0.3 |
| 4/13/2012 | 2:15:32 | 21.16 | 0.534 | 18.71 | 10.826 | 5.56 | 70.2 | -138 | 3.3 | 0.3 |
| 4/13/2012 | 2:20:32 | 21.15 | 0.534 | 18.71 | 10.824 | 5.56 | 70.2 | -138 | 3.3 | 0.3 |
| 4/13/2012 | 2:25:32 | 21.18 | 0.533 | 18.71 | 10.823 | 5.56 | 70.2 | -134 | 3.3 | 0.29 |
| 4/13/2012 | 2:30:32 | 21.19 | 0.533 | 18.71 | 10.824 | 5.56 | 70.2 | -139 | 3.3 | 0.29 |
| 4/13/2012 | 2:35:32 | 21.19 | 0.533 | 18.71 | 10.822 | 5.56 | 70.1 | -141 | 3.3 | 0.29 |
| 4/13/2012 | 2:40:32 | 21.19 | 0.533 | 18.71 | 10.823 | 5.56 | 70.1 | -141 | 3.3 | 0.29 |
| 4/13/2012 | 2:45:32 | 21.2 | 0.533 | 18.71 | 10.823 | 5.56 | 70.1 | -141 | 3.3 | 0.29 |
| 4/13/2012 | 2:50:32 | 21.2 | 0.533 | 18.71 | 10.819 | 5.56 | 70.1 | -144 | 3.3 | 0.29 |
| 4/13/2012 | 2:55:32 | 21.21 | 0.533 | 18.71 | 10.823 | 5.56 | 70.1 | -143 | 3.3 | 0.29 |
| 4/13/2012 | 3:00:32 | 21.2 | 0.533 | 18.71 | 10.828 | 5.56 | 70.1 | -140 | 3.3 | 0.29 |
| 4/13/2012 | 3:05:32 | 21.19 | 0.533 | 18.71 | 10.831 | 5.56 | 70.2 | -143 | 3.3 | 0.29 |
| 4/13/2012 | 3:10:32 | 21.18 | 0.533 | 18.72 | 10.833 | 5.56 | 70.2 | -140 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 3:15:32 | 21.18 | 0.533 | 18.72 | 10.836 | 5.56 | 70.2 | -139 | 3.3 | 0.29 |
| 4/13/2012 | 3:20:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.56 | 70.2 | -136 | 3.3 | 0.29 |
| 4/13/2012 | 3:25:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.56 | 70.2 | -132 | 3.3 | 0.3 |
| 4/13/2012 | 3:30:32 | 21.17 | 0.533 | 18.72 | 10.833 | 5.56 | 70.1 | -132 | 3.3 | 0.29 |
| 4/13/2012 | 3:35:32 | 21.17 | 0.533 | 18.72 | 10.834 | 5.56 | 70.2 | -133 | 3.3 | 0.3 |
| 4/13/2012 | 3:40:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.56 | 70.2 | -133 | 3.3 | 0.3 |
| 4/13/2012 | 3:45:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.56 | 70.2 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 3:50:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.56 | 70.1 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 3:55:32 | 21.17 | 0.533 | 18.72 | 10.835 | 5.56 | 70.2 | -134 | 3.3 | 0.3 |
| 4/13/2012 | 4:00:32 | 21.11 | 0.533 | 18.72 | 10.834 | 5.56 | 70.1 | -159 | 3.3 | 0.3 |
| 4/13/2012 | 4:05:32 | 21.15 | 0.533 | 18.72 | 10.834 | 5.56 | 70.1 | -144 | 3.3 | 0.3 |
| 4/13/2012 | 4:10:32 | 21.17 | 0.534 | 18.72 | 10.835 | 5.56 | 70.1 | -143 | 3.3 | 0.3 |
| 4/13/2012 | 4:15:32 | 21.17 | 0.533 | 18.72 | 10.837 | 5.56 | 70.1 | -143 | 3.3 | 0.3 |
| 4/13/2012 | 4:20:32 | 21.19 | 0.533 | 18.72 | 10.838 | 5.56 | 70.1 | -142 | 3.3 | 0.29 |
| 4/13/2012 | 4:25:32 | 21.19 | 0.533 | 18.72 | 10.838 | 5.56 | 70.1 | -145 | 3.3 | 0.29 |
| 4/13/2012 | 4:30:32 | 21.18 | 0.533 | 18.72 | 10.837 | 5.56 | 70.1 | -145 | 3.3 | 0.29 |
| 4/13/2012 | 4:35:32 | 21.18 | 0.533 | 18.72 | 10.837 | 5.56 | 70.1 | -142 | 3.3 | 0.29 |
| 4/13/2012 | 4:40:32 | 21.18 | 0.533 | 18.72 | 10.838 | 5.56 | 70.1 | -141 | 3.3 | 0.3 |
| 4/13/2012 | 4:45:32 | 21.17 | 0.533 | 18.72 | 10.838 | 5.56 | 70.1 | -138 | 3.3 | 0.3 |
| 4/13/2012 | 4:50:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.57 | 70 | -139 | 3.3 | 0.29 |
| 4/13/2012 | 4:55:32 | 21.17 | 0.533 | 18.72 | 10.837 | 5.57 | 70 | -136 | 3.3 | 0.29 |
| 4/13/2012 | 5:00:32 | 21.18 | 0.533 | 18.72 | 10.838 | 5.57 | 70 | -134 | 3.3 | 0.29 |
| 4/13/2012 | 5:05:32 | 21.18 | 0.533 | 18.72 | 10.838 | 5.57 | 70 | -140 | 3.3 | 0.3 |
| 4/13/2012 | 5:10:32 | 21.18 | 0.533 | 18.72 | 10.838 | 5.56 | 70.1 | -141 | 3.3 | 0.29 |
| 4/13/2012 | 5:15:32 | 21.18 | 0.533 | 18.72 | 10.842 | 5.56 | 70.1 | -142 | 3.3 | 0.29 |
| 4/13/2012 | 5:20:32 | 21.18 | 0.533 | 18.72 | 10.842 | 5.56 | 70.1 | -143 | 3.3 | 0.29 |
| 4/13/2012 | 5:25:32 | 21.18 | 0.533 | 18.72 | 10.841 | 5.56 | 70.2 | -141 | 3.3 | 0.3 |
| 4/13/2012 | 5:30:32 | 21.18 | 0.533 | 18.72 | 10.842 | 5.56 | 70.1 | -140 | 3.3 | 0.29 |
| 4/13/2012 | 5:35:32 | 21.18 | 0.533 | 18.72 | 10.841 | 5.57 | 70 | -142 | 3.3 | 0.29 |
| 4/13/2012 | 5:40:32 | 21.17 | 0.533 | 18.72 | 10.842 | 5.57 | 70 | -141 | 3.3 | 0.29 |
| 4/13/2012 | 5:45:32 | 21.17 | 0.533 | 18.72 | 10.84 | 5.57 | 70 | -140 | 3.3 | 0.3 |
| 4/13/2012 | 5:50:32 | 21.17 | 0.533 | 18.72 | 10.841 | 5.57 | 70 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 5:55:32 | 21.17 | 0.533 | 18.72 | 10.842 | 5.57 | 70.1 | -138 | 3.3 | 0.3 |
| 4/13/2012 | 6:00:32 | 21.17 | 0.533 | 18.72 | 10.843 | 5.56 | 70.1 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 6:05:32 | 21.17 | 0.533 | 18.72 | 10.843 | 5.56 | 70.1 | -136 | 3.3 | 0.3 |
| 4/13/2012 | 6:10:32 | 21.17 | 0.533 | 18.72 | 10.844 | 5.56 | 70.1 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 6:15:32 | 21.17 | 0.533 | 18.72 | 10.842 | 5.56 | 70.1 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 6:20:32 | 21.17 | 0.533 | 18.72 | 10.844 | 5.57 | 70.1 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 6:25:32 | 21.17 | 0.533 | 18.72 | 10.846 | 5.57 | 70.1 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 6:30:32 | 21.17 | 0.533 | 18.72 | 10.848 | 5.57 | 70 | -139 | 3.3 | 0.3 |
| 4/13/2012 | 6:35:32 | 21.18 | 0.533 | 18.72 | 10.848 | 5.57 | 70 | -140 | 3.3 | 0.29 |
| 4/13/2012 | 6:40:32 | 21.18 | 0.533 | 18.72 | 10.848 | 5.57 | 70.1 | -144 | 3.3 | 0.29 |
| 4/13/2012 | 6:45:32 | 21.18 | 0.533 | 18.72 | 10.845 | 5.56 | 70.1 | -143 | 3.3 | 0.29 |
| 4/13/2012 | 6:50:32 | 21.17 | 0.533 | 18.72 | 10.841 | 5.57 | 70.1 | -142 | 3.3 | 0.29 |
| 4/13/2012 | 6:55:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.57 | 70.1 | -142 | 3.3 | 0.29 |
| 4/13/2012 | 7:00:32 | 21.17 | 0.533 | 18.72 | 10.834 | 5.57 | 70 | -143 | 3.3 | 0.29 |
| 4/13/2012 | 7:05:32 | 21.13 | 0.532 | 18.72 | 10.836 | 5.57 | 70 | -170 | 3.3 | 0.3 |
| 4/13/2012 | 7:10:32 | 21.14 | 0.533 | 18.72 | 10.84 | 5.57 | 70 | -159 | 3.3 | 0.3 |
| 4/13/2012 | 7:15:32 | 21.16 | 0.532 | 18.72 | 10.84 | 5.57 | 70.1 | -161 | 3.3 | 0.29 |
| 4/13/2012 | 7:20:32 | 21.14 | 0.533 | 18.72 | 10.842 | 5.56 | 70.1 | -171 | 3.3 | 0.3 |
| 4/13/2012 | 7:25:32 | 21.17 | 0.533 | 18.72 | 10.844 | 5.57 | 70.1 | -151 | 3.3 | 0.29 |
| 4/13/2012 | 7:30:32 | 21.13 | 0.533 | 18.72 | 10.846 | 5.57 | 70 | -159 | 3.3 | 0.29 |
| 4/13/2012 | 7:35:32 | 21.16 | 0.533 | 18.72 | 10.849 | 5.56 | 70.1 | -165 | 3.3 | 0.3 |
| 4/13/2012 | 7:40:32 | 21.18 | 0.533 | 18.72 | 10.849 | 5.56 | 70.1 | -156 | 3.3 | 0.29 |
| 4/13/2012 | 7:45:32 | 21.19 | 0.533 | 18.72 | 10.85 | 5.56 | 70.1 | -163 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 7:50:32 | 21.19 | 0.533 | 18.72 | 10.849 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 7:55:32 | 21.19 | 0.533 | 18.72 | 10.851 | 5.56 | 70.1 | -167 | 3.3 | 0.29 |
| 4/13/2012 | 8:00:32 | 21.19 | 0.533 | 18.72 | 10.851 | 5.56 | 70.1 | -168 | 3.3 | 0.29 |
| 4/13/2012 | 8:05:32 | 21.19 | 0.533 | 18.72 | 10.851 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 8:10:32 | 21.2 | 0.533 | 18.72 | 10.851 | 5.56 | 70.1 | -169 | 3.3 | 0.29 |
| 4/13/2012 | 8:15:32 | 21.2 | 0.533 | 18.72 | 10.852 | 5.56 | 70.1 | -168 | 3.3 | 0.29 |
| 4/13/2012 | 8:20:32 | 21.2 | 0.533 | 18.72 | 10.851 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 8:25:32 | 21.2 | 0.533 | 18.73 | 10.855 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 8:30:32 | 21.14 | 0.533 | 18.72 | 10.852 | 5.56 | 70.1 | -193 | 3.3 | 0.29 |
| 4/13/2012 | 8:35:32 | 21.15 | 0.533 | 18.73 | 10.854 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 8:40:32 | 21.17 | 0.533 | 18.73 | 10.855 | 5.56 | 70.1 | -166 | 3.3 | 0.29 |
| 4/13/2012 | 8:45:32 | 21.19 | 0.533 | 18.73 | 10.854 | 5.56 | 70.1 | -165 | 3.3 | 0.29 |
| 4/13/2012 | 8:50:32 | 21.18 | 0.533 | 18.72 | 10.854 | 5.56 | 70.1 | -169 | 3.3 | 0.29 |
| 4/13/2012 | 8:55:32 | 21.16 | 0.533 | 18.72 | 10.853 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 9:00:32 | 21.16 | 0.534 | 18.72 | 10.851 | 5.56 | 70.1 | -169 | 3.3 | 0.29 |
| 4/13/2012 | 9:05:32 | 21.18 | 0.533 | 18.72 | 10.846 | 5.56 | 70.1 | -166 | 3.3 | 0.29 |
| 4/13/2012 | 9:10:32 | 21.12 | 0.533 | 18.72 | 10.841 | 5.56 | 70.1 | -174 | 3.3 | 0.3 |
| 4/13/2012 | 9:15:32 | 21.17 | 0.533 | 18.72 | 10.836 | 5.56 | 70.1 | -162 | 3.3 | 0.29 |
| 4/13/2012 | 9:20:32 | 21.19 | 0.533 | 18.72 | 10.837 | 5.56 | 70.1 | -164 | 3.3 | 0.29 |
| 4/13/2012 | 9:25:32 | 21.19 | 0.533 | 18.72 | 10.839 | 5.56 | 70.1 | -171 | 3.3 | 0.29 |
| 4/13/2012 | 9:30:32 | 21.2 | 0.532 | 18.72 | 10.842 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 9:35:32 | 21.2 | 0.532 | 18.72 | 10.838 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 9:40:32 | 21.2 | 0.532 | 18.72 | 10.838 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 9:45:32 | 21.2 | 0.533 | 18.72 | 10.839 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 9:50:32 | 21.2 | 0.533 | 18.72 | 10.835 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 9:55:32 | 21.2 | 0.533 | 18.71 | 10.827 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 10:00:32 | 21.19 | 0.533 | 18.71 | 10.821 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 10:05:32 | 21.19 | 0.533 | 18.71 | 10.814 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 10:10:32 | 21.19 | 0.533 | 18.71 | 10.816 | 5.57 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 10:15:32 | 21.19 | 0.533 | 18.71 | 10.816 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 10:20:32 | 21.18 | 0.533 | 18.71 | 10.821 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 10:25:32 | 21.17 | 0.533 | 18.71 | 10.82 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 10:30:32 | 21.13 | 0.533 | 18.71 | 10.82 | 5.56 | 70.1 | -189 | 3.3 | 0.3 |
| 4/13/2012 | 10:35:32 | 21.15 | 0.533 | 18.71 | 10.821 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 10:40:32 | 21.17 | 0.533 | 18.71 | 10.824 | 5.56 | 70.1 | -161 | 3.3 | 0.29 |
| 4/13/2012 | 10:45:32 | 21.19 | 0.532 | 18.71 | 10.825 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 10:50:32 | 21.19 | 0.533 | 18.71 | 10.825 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 10:55:32 | 21.17 | 0.533 | 18.71 | 10.826 | 5.56 | 70.2 | -171 | 3.3 | 0.29 |
| 4/13/2012 | 11:00:32 | 21.16 | 0.533 | 18.71 | 10.824 | 5.56 | 70.2 | -171 | 3.3 | 0.29 |
| 4/13/2012 | 11:05:32 | 21.17 | 0.533 | 18.71 | 10.824 | 5.56 | 70.2 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 11:10:32 | 21.18 | 0.533 | 18.71 | 10.822 | 5.56 | 70.1 | -167 | 3.3 | 0.29 |
| 4/13/2012 | 11:15:32 | 21.19 | 0.533 | 18.71 | 10.821 | 5.56 | 70.1 | -175 | 3.3 | 0.29 |
| 4/13/2012 | 11:20:32 | 21.18 | 0.533 | 18.71 | 10.822 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 11:25:32 | 21.18 | 0.533 | 18.71 | 10.821 | 5.56 | 70.1 | -175 | 3.3 | 0.29 |
| 4/13/2012 | 11:30:32 | 21.18 | 0.533 | 18.71 | 10.822 | 5.56 | 70.1 | -177 | 3.3 | 0.29 |
| 4/13/2012 | 11:35:32 | 21.18 | 0.533 | 18.71 | 10.822 | 5.56 | 70.1 | -175 | 3.3 | 0.29 |
| 4/13/2012 | 11:40:32 | 21.15 | 0.533 | 18.71 | 10.824 | 5.56 | 70.1 | -201 | 3.3 | 0.29 |
| 4/13/2012 | 11:45:32 | 21.16 | 0.533 | 18.71 | 10.825 | 5.56 | 70.1 | -178 | 3.3 | 0.29 |
| 4/13/2012 | 11:50:32 | 21.12 | 0.532 | 18.71 | 10.825 | 5.56 | 70.1 | -186 | 3.3 | 0.29 |
| 4/13/2012 | 11:55:32 | 21.15 | 0.533 | 18.71 | 10.816 | 5.56 | 70.1 | -168 | 3.3 | 0.29 |
| 4/13/2012 | 12:00:32 | 21.17 | 0.533 | 18.71 | 10.808 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 12:05:32 | 21.17 | 0.533 | 18.7 | 10.803 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 12:10:32 | 21.17 | 0.533 | 18.7 | 10.799 | 5.56 | 70.2 | -176 | 3.3 | 0.29 |
| 4/13/2012 | 12:15:32 | 21.18 | 0.533 | 18.7 | 10.796 | 5.56 | 70.1 | -175 | 3.3 | 0.29 |
| 4/13/2012 | 12:20:32 | 21.19 | 0.533 | 18.7 | 10.793 | 5.56 | 70.1 | -175 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 12:25:32 | 21.19 | 0.533 | 18.7 | 10.8 | 5.56 | 70.1 | -177 | 3.3 | 0.29 |
| 4/13/2012 | 12:30:32 | 21.15 | 0.532 | 18.7 | 10.8 | 5.56 | 70.1 | -190 | 3.3 | 0.29 |
| 4/13/2012 | 12:35:32 | 21.14 | 0.533 | 18.7 | 10.799 | 5.56 | 70.1 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 12:40:32 | 21.17 | 0.532 | 18.7 | 10.798 | 5.56 | 70.1 | -158 | 3.3 | 0.29 |
| 4/13/2012 | 12:45:32 | 21.18 | 0.532 | 18.7 | 10.798 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 12:50:32 | 21.12 | 0.532 | 18.7 | 10.792 | 5.56 | 70.1 | -198 | 3.3 | 0.29 |
| 4/13/2012 | 12:55:32 | 21.13 | 0.533 | 18.7 | 10.79 | 5.56 | 70.1 | -201 | 3.3 | 0.29 |
| 4/13/2012 | 13:00:32 | 21.14 | 0.532 | 18.7 | 10.786 | 5.56 | 70.1 | -186 | 3.3 | 0.29 |
| 4/13/2012 | 13:05:32 | 21.12 | 0.532 | 18.7 | 10.785 | 5.56 | 70.1 | -203 | 3.3 | 0.29 |
| 4/13/2012 | 13:10:32 | 21.13 | 0.532 | 18.69 | 10.784 | 5.56 | 70.1 | -200 | 3.3 | 0.29 |
| 4/13/2012 | 13:15:32 | 21.13 | 0.533 | 18.69 | 10.778 | 5.56 | 70.1 | -200 | 3.3 | 0.29 |
| 4/13/2012 | 13:20:32 | 21.16 | 0.533 | 18.69 | 10.781 | 5.56 | 70.1 | -205 | 3.3 | 0.29 |
| 4/13/2012 | 13:25:32 | 21.16 | 0.533 | 18.69 | 10.784 | 5.56 | 70.1 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 13:30:32 | 21.16 | 0.533 | 18.7 | 10.786 | 5.56 | 70.1 | -187 | 3.3 | 0.29 |
| 4/13/2012 | 13:35:32 | 21.13 | 0.533 | 18.7 | 10.785 | 5.56 | 70.1 | -192 | 3.3 | 0.29 |
| 4/13/2012 | 13:40:32 | 21.1 | 0.533 | 18.69 | 10.78 | 5.56 | 70.1 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 13:45:32 | 21.14 | 0.532 | 18.69 | 10.777 | 5.56 | 70.1 | -191 | 3.3 | 0.29 |
| 4/13/2012 | 13:50:32 | 21.14 | 0.532 | 18.69 | 10.775 | 5.56 | 70.1 | -185 | 3.3 | 0.29 |
| 4/13/2012 | 13:55:32 | 21.13 | 0.533 | 18.69 | 10.774 | 5.56 | 70.1 | -191 | 3.3 | 0.29 |
| 4/13/2012 | 14:00:32 | 21.13 | 0.532 | 18.69 | 10.769 | 5.56 | 70.1 | -189 | 3.3 | 0.29 |
| 4/13/2012 | 14:05:32 | 21.17 | 0.532 | 18.69 | 10.763 | 5.56 | 70.1 | -182 | 3.3 | 0.29 |
| 4/13/2012 | 14:10:32 | 21.17 | 0.532 | 18.68 | 10.761 | 5.56 | 70.1 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 14:15:32 | 21.15 | 0.532 | 18.68 | 10.759 | 5.56 | 70.2 | -181 | 3.3 | 0.29 |
| 4/13/2012 | 14:20:32 | 21.16 | 0.532 | 18.68 | 10.756 | 5.56 | 70.1 | -192 | 3.3 | 0.29 |
| 4/13/2012 | 14:25:32 | 21.13 | 0.533 | 18.68 | 10.756 | 5.57 | 70 | -189 | 3.3 | 0.29 |
| 4/13/2012 | 14:30:32 | 21.14 | 0.533 | 18.68 | 10.755 | 5.56 | 70.1 | -176 | 3.3 | 0.29 |
| 4/13/2012 | 14:35:32 | 21.15 | 0.533 | 18.68 | 10.756 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 14:40:32 | 21.17 | 0.533 | 18.68 | 10.757 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 14:45:32 | 21.17 | 0.533 | 18.68 | 10.755 | 5.56 | 70.1 | -170 | 3.3 | 0.29 |
| 4/13/2012 | 14:50:32 | 21.17 | 0.533 | 18.68 | 10.755 | 5.56 | 70.1 | -171 | 3.3 | 0.29 |
| 4/13/2012 | 14:55:32 | 21.17 | 0.533 | 18.68 | 10.756 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 15:00:32 | 21.17 | 0.533 | 18.68 | 10.745 | 5.56 | 70.1 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 15:05:32 | 21.18 | 0.534 | 18.68 | 10.743 | 5.56 | 70.2 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 15:10:32 | 21.18 | 0.534 | 18.67 | 10.738 | 5.56 | 70.2 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 15:15:32 | 21.18 | 0.534 | 18.67 | 10.733 | 5.56 | 70.2 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 15:20:32 | 21.18 | 0.534 | 18.67 | 10.722 | 5.56 | 70.2 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:25:32 | 21.18 | 0.534 | 18.67 | 10.716 | 5.56 | 70.2 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:30:32 | 21.18 | 0.534 | 18.66 | 10.711 | 5.56 | 70.1 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:35:32 | 21.18 | 0.534 | 18.67 | 10.717 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:40:32 | 21.17 | 0.534 | 18.67 | 10.725 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:45:32 | 21.17 | 0.534 | 18.67 | 10.73 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:50:32 | 21.17 | 0.534 | 18.67 | 10.732 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 15:55:32 | 21.17 | 0.534 | 18.68 | 10.743 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 16:00:32 | 21.17 | 0.534 | 18.68 | 10.749 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 16:05:32 | 21.17 | 0.534 | 18.68 | 10.751 | 5.57 | 69.9 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 16:10:32 | 21.17 | 0.534 | 18.68 | 10.757 | 5.57 | 70 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 16:15:32 | 21.17 | 0.534 | 18.68 | 10.758 | 5.57 | 70 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 16:20:32 | 21.17 | 0.534 | 18.68 | 10.76 | 5.57 | 70 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 16:25:32 | 21.17 | 0.534 | 18.69 | 10.765 | 5.57 | 70 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 16:30:32 | 21.16 | 0.533 | 18.69 | 10.769 | 5.57 | 70 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 16:35:32 | 21.15 | 0.533 | 18.69 | 10.773 | 5.57 | 70 | -178 | 3.3 | 0.29 |
| 4/13/2012 | 16:40:32 | 21.15 | 0.534 | 18.69 | 10.777 | 5.57 | 70 | -172 | 3.3 | 0.29 |
| 4/13/2012 | 16:45:32 | 21.15 | 0.533 | 18.69 | 10.778 | 5.57 | 70 | -173 | 3.3 | 0.29 |
| 4/13/2012 | 16:50:32 | 21.16 | 0.533 | 18.69 | 10.78 | 5.57 | 70 | -174 | 3.3 | 0.29 |
| 4/13/2012 | 16:55:32 | 21.17 | 0.534 | 18.69 | 10.783 | 5.56 | 70.1 | -174 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 17:00:32 | 21.17 | 0.533 | 18.69 | 10.782 | 5.57 | 70 | -176 | 3.3 | 0.29 |
| 4/13/2012 | 17:05:32 | 21.17 | 0.534 | 18.69 | 10.784 | 5.57 | 70 | -176 | 3.3 | 0.29 |
| 4/13/2012 | 17:10:32 | 21.17 | 0.534 | 18.69 | 10.783 | 5.57 | 70 | -177 | 3.3 | 0.29 |
| 4/13/2012 | 17:15:32 | 21.17 | 0.534 | 18.7 | 10.789 | 5.57 | 70 | -177 | 3.3 | 0.29 |
| 4/13/2012 | 17:20:32 | 21.17 | 0.534 | 18.7 | 10.789 | 5.57 | 70 | -177 | 3.3 | 0.29 |
| 4/13/2012 | 17:25:32 | 21.18 | 0.534 | 18.7 | 10.788 | 5.57 | 69.9 | -178 | 3.3 | 0.29 |
| 4/13/2012 | 17:30:32 | 21.18 | 0.534 | 18.7 | 10.791 | 5.57 | 69.9 | -178 | 3.3 | 0.29 |
| 4/13/2012 | 17:35:32 | 21.18 | 0.534 | 18.7 | 10.793 | 5.57 | 69.9 | -179 | 3.3 | 0.29 |
| 4/13/2012 | 17:40:32 | 21.18 | 0.534 | 18.7 | 10.792 | 5.57 | 69.8 | -179 | 3.3 | 0.29 |
| 4/13/2012 | 17:45:32 | 21.18 | 0.534 | 18.7 | 10.793 | 5.57 | 69.8 | -180 | 3.3 | 0.29 |
| 4/13/2012 | 17:50:32 | 21.17 | 0.534 | 18.7 | 10.795 | 5.57 | 69.8 | -180 | 3.3 | 0.29 |
| 4/13/2012 | 17:55:32 | 21.17 | 0.534 | 18.7 | 10.792 | 5.57 | 69.8 | -180 | 3.3 | 0.29 |
| 4/13/2012 | 18:00:31 | 21.16 | 0.534 | 18.7 | 10.793 | 5.57 | 69.8 | -197 | 3.3 | 0.29 |
| 4/13/2012 | 18:05:32 | 21.14 | 0.534 | 18.7 | 10.795 | 5.57 | 69.9 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 18:10:32 | 21.17 | 0.534 | 18.7 | 10.798 | 5.57 | 69.9 | -182 | 3.3 | 0.29 |
| 4/13/2012 | 18:15:31 | 21.13 | 0.534 | 18.7 | 10.798 | 5.57 | 69.9 | -186 | 3.3 | 0.29 |
| 4/13/2012 | 18:20:32 | 21.16 | 0.534 | 18.7 | 10.796 | 5.57 | 69.9 | -182 | 3.3 | 0.29 |
| 4/13/2012 | 18:25:32 | 21.18 | 0.534 | 18.7 | 10.797 | 5.57 | 69.8 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 18:30:32 | 21.17 | 0.534 | 18.7 | 10.796 | 5.57 | 69.9 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 18:35:31 | 21.16 | 0.534 | 18.7 | 10.796 | 5.57 | 69.9 | -184 | 3.3 | 0.29 |
| 4/13/2012 | 18:40:32 | 21.16 | 0.535 | 18.7 | 10.798 | 5.57 | 69.9 | -185 | 3.3 | 0.29 |
| 4/13/2012 | 18:45:32 | 21.16 | 0.535 | 18.7 | 10.797 | 5.57 | 69.9 | -186 | 3.3 | 0.29 |
| 4/13/2012 | 18:50:32 | 21.17 | 0.534 | 18.7 | 10.796 | 5.57 | 70 | -187 | 3.3 | 0.29 |
| 4/13/2012 | 18:55:32 | 21.17 | 0.534 | 18.7 | 10.794 | 5.57 | 70 | -188 | 3.3 | 0.29 |
| 4/13/2012 | 19:00:32 | 21.17 | 0.534 | 18.7 | 10.795 | 5.57 | 70 | -189 | 3.3 | 0.29 |
| 4/13/2012 | 19:05:32 | 21.18 | 0.534 | 18.7 | 10.796 | 5.57 | 69.9 | -189 | 3.3 | 0.29 |
| 4/13/2012 | 19:10:32 | 21.18 | 0.534 | 18.7 | 10.8 | 5.57 | 69.9 | -190 | 3.3 | 0.29 |
| 4/13/2012 | 19:15:32 | 21.18 | 0.534 | 18.7 | 10.8 | 5.57 | 69.8 | -191 | 3.3 | 0.29 |
| 4/13/2012 | 19:20:32 | 21.18 | 0.534 | 18.7 | 10.802 | 5.57 | 69.8 | -192 | 3.3 | 0.29 |
| 4/13/2012 | 19:25:31 | 21.18 | 0.534 | 18.7 | 10.801 | 5.57 | 69.8 | -193 | 3.3 | 0.29 |
| 4/13/2012 | 19:30:32 | 21.18 | 0.534 | 18.7 | 10.799 | 5.57 | 69.8 | -194 | 3.3 | 0.29 |
| 4/13/2012 | 19:35:32 | 21.18 | 0.534 | 18.7 | 10.803 | 5.57 | 69.8 | -195 | 3.3 | 0.29 |
| 4/13/2012 | 19:40:32 | 21.18 | 0.534 | 18.7 | 10.802 | 5.57 | 69.8 | -196 | 3.3 | 0.29 |
| 4/13/2012 | 19:45:32 | 21.18 | 0.534 | 18.7 | 10.803 | 5.57 | 69.8 | -197 | 3.3 | 0.29 |
| 4/13/2012 | 19:50:32 | 21.18 | 0.535 | 18.7 | 10.804 | 5.57 | 69.8 | -198 | 3.3 | 0.29 |
| 4/13/2012 | 19:55:31 | 21.18 | 0.534 | 18.7 | 10.803 | 5.57 | 69.8 | -199 | 3.3 | 0.29 |
| 4/13/2012 | 20:00:31 | 21.18 | 0.534 | 18.7 | 10.804 | 5.57 | 69.8 | -200 | 3.3 | 0.29 |
| 4/13/2012 | 20:05:32 | 21.18 | 0.535 | 18.7 | 10.804 | 5.57 | 69.8 | -201 | 3.3 | 0.29 |
| 4/13/2012 | 20:10:32 | 21.18 | 0.535 | 18.7 | 10.799 | 5.57 | 69.8 | -201 | 3.3 | 0.29 |
| 4/13/2012 | 20:15:32 | 21.18 | 0.534 | 18.7 | 10.803 | 5.57 | 69.9 | -202 | 3.3 | 0.29 |
| 4/13/2012 | 20:20:32 | 21.18 | 0.534 | 18.7 | 10.805 | 5.57 | 69.9 | -203 | 3.3 | 0.29 |
| 4/13/2012 | 20:25:32 | 21.18 | 0.535 | 18.7 | 10.807 | 5.57 | 69.8 | -205 | 3.3 | 0.29 |
| 4/13/2012 | 20:30:32 | 21.18 | 0.535 | 18.71 | 10.808 | 5.57 | 69.8 | -206 | 3.3 | 0.29 |
| 4/13/2012 | 20:35:32 | 21.18 | 0.535 | 18.7 | 10.807 | 5.57 | 69.8 | -206 | 3.3 | 0.29 |
| 4/13/2012 | 20:40:32 | 21.18 | 0.535 | 18.71 | 10.807 | 5.57 | 69.8 | -207 | 3.3 | 0.29 |
| 4/13/2012 | 20:45:31 | 21.18 | 0.535 | 18.7 | 10.807 | 5.57 | 69.8 | -208 | 3.3 | 0.29 |
| 4/13/2012 | 20:50:32 | 21.18 | 0.534 | 18.71 | 10.808 | 5.57 | 69.8 | -209 | 3.3 | 0.29 |
| 4/13/2012 | 20:55:32 | 21.18 | 0.535 | 18.71 | 10.809 | 5.57 | 69.8 | -210 | 3.3 | 0.29 |
| 4/13/2012 | 21:00:32 | 21.18 | 0.535 | 18.71 | 10.808 | 5.57 | 69.9 | -211 | 3.3 | 0.29 |
| 4/13/2012 | 21:05:31 | 21.18 | 0.535 | 18.71 | 10.811 | 5.57 | 69.8 | -212 | 3.3 | 0.29 |
| 4/13/2012 | 21:10:32 | 21.18 | 0.535 | 18.71 | 10.811 | 5.57 | 69.8 | -213 | 3.3 | 0.29 |
| 4/13/2012 | 21:15:32 | 21.18 | 0.535 | 18.71 | 10.809 | 5.57 | 69.8 | -214 | 3.3 | 0.29 |
| 4/13/2012 | 21:20:31 | 21.18 | 0.535 | 18.71 | 10.813 | 5.57 | 69.9 | -215 | 3.3 | 0.29 |
| 4/13/2012 | 21:25:32 | 21.18 | 0.535 | 18.71 | 10.815 | 5.57 | 69.9 | -215 | 3.3 | 0.29 |
| 4/13/2012 | 21:30:32 | 21.18 | 0.535 | 18.71 | 10.815 | 5.57 | 69.9 | -216 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 21:35:32 | 21.18 | 0.535 | 18.71 | 10.815 | 5.57 | 69.8 | -217 | 3.3 | 0.29 |
| 4/13/2012 | 21:40:32 | 21.18 | 0.535 | 18.71 | 10.815 | 5.57 | 69.8 | -218 | 3.3 | 0.29 |
| 4/13/2012 | 21:45:32 | 21.18 | 0.535 | 18.71 | 10.812 | 5.57 | 69.8 | -219 | 3.3 | 0.29 |
| 4/13/2012 | 21:50:32 | 21.12 | 0.534 | 18.71 | 10.81 | 5.57 | 69.9 | -229 | 3.3 | 0.29 |
| 4/13/2012 | 21:55:32 | 21.15 | 0.534 | 18.71 | 10.812 | 5.57 | 69.9 | -225 | 3.3 | 0.29 |
| 4/13/2012 | 22:00:32 | 21.17 | 0.534 | 18.71 | 10.812 | 5.57 | 69.9 | -215 | 3.3 | 0.29 |
| 4/13/2012 | 22:05:32 | 21.17 | 0.534 | 18.71 | 10.811 | 5.57 | 69.9 | -219 | 3.3 | 0.29 |
| 4/13/2012 | 22:10:32 | 21.17 | 0.534 | 18.71 | 10.813 | 5.57 | 69.9 | -221 | 3.3 | 0.29 |
| 4/13/2012 | 22:15:32 | 21.18 | 0.534 | 18.71 | 10.812 | 5.57 | 69.9 | -219 | 3.3 | 0.29 |
| 4/13/2012 | 22:20:32 | 21.13 | 0.534 | 18.7 | 10.807 | 5.57 | 69.9 | -219 | 3.3 | 0.29 |
| 4/13/2012 | 22:25:32 | 21.14 | 0.534 | 18.71 | 10.813 | 5.57 | 69.9 | -227 | 3.3 | 0.29 |
| 4/13/2012 | 22:30:31 | 21.16 | 0.534 | 18.71 | 10.817 | 5.57 | 69.9 | -226 | 3.3 | 0.29 |
| 4/13/2012 | 22:35:32 | 21.17 | 0.534 | 18.71 | 10.817 | 5.57 | 69.9 | -224 | 3.3 | 0.29 |
| 4/13/2012 | 22:40:31 | 21.17 | 0.534 | 18.71 | 10.815 | 5.57 | 69.9 | -223 | 3.3 | 0.29 |
| 4/13/2012 | 22:45:32 | 21.18 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -225 | 3.3 | 0.29 |
| 4/13/2012 | 22:50:32 | 21.18 | 0.534 | 18.71 | 10.814 | 5.57 | 69.9 | -227 | 3.3 | 0.29 |
| 4/13/2012 | 22:55:32 | 21.18 | 0.534 | 18.71 | 10.814 | 5.57 | 69.9 | -229 | 3.3 | 0.29 |
| 4/13/2012 | 23:00:32 | 21.17 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -230 | 3.3 | 0.29 |
| 4/13/2012 | 23:05:32 | 21.17 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -231 | 3.3 | 0.29 |
| 4/13/2012 | 23:10:32 | 21.18 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -232 | 3.3 | 0.29 |
| 4/13/2012 | 23:15:31 | 21.19 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -232 | 3.3 | 0.29 |
| 4/13/2012 | 23:20:32 | 21.19 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -233 | 3.3 | 0.29 |
| 4/13/2012 | 23:25:32 | 21.19 | 0.534 | 18.71 | 10.815 | 5.57 | 69.8 | -234 | 3.3 | 0.29 |
| 4/13/2012 | 23:30:31 | 21.19 | 0.534 | 18.71 | 10.817 | 5.57 | 69.8 | -235 | 3.3 | 0.29 |
| 4/13/2012 | 23:35:31 | 21.19 | 0.534 | 18.71 | 10.818 | 5.57 | 69.8 | -236 | 3.3 | 0.29 |
| 4/13/2012 | 23:40:32 | 21.19 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -237 | 3.3 | 0.29 |
| 4/13/2012 | 23:45:32 | 21.19 | 0.533 | 18.71 | 10.819 | 5.57 | 69.8 | -237 | 3.3 | 0.29 |
| 4/13/2012 | 23:50:32 | 21.18 | 0.533 | 18.71 | 10.818 | 5.57 | 69.8 | -237 | 3.3 | 0.29 |
| 4/13/2012 | 23:55:32 | 21.18 | 0.533 | 18.71 | 10.818 | 5.57 | 69.8 | -236 | 3.3 | 0.29 |
| 4/14/2012 | 0:00:32 | 21.18 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -236 | 3.3 | 0.29 |
| 4/14/2012 | 0:05:32 | 21.18 | 0.533 | 18.71 | 10.818 | 5.57 | 69.8 | -231 | 3.3 | 0.29 |
| 4/14/2012 | 0:10:32 | 21.14 | 0.533 | 18.71 | 10.818 | 5.57 | 69.9 | -238 | 3.3 | 0.29 |
| 4/14/2012 | 0:15:32 | 21.11 | 0.534 | 18.71 | 10.817 | 5.57 | 69.8 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 0:20:32 | 21.12 | 0.534 | 18.71 | 10.818 | 5.57 | 69.8 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 0:25:31 | 21.17 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 0:30:31 | 21.14 | 0.534 | 18.71 | 10.82 | 5.57 | 69.8 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 0:35:31 | 21.15 | 0.534 | 18.71 | 10.82 | 5.57 | 69.8 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 0:40:31 | 21.16 | 0.534 | 18.71 | 10.82 | 5.57 | 69.8 | -238 | 3.3 | 0.29 |
| 4/14/2012 | 0:45:31 | 21.18 | 0.534 | 18.71 | 10.818 | 5.57 | 69.8 | -238 | 3.3 | 0.29 |
| 4/14/2012 | 0:50:31 | 21.17 | 0.534 | 18.71 | 10.816 | 5.57 | 69.8 | -238 | 3.3 | 0.29 |
| 4/14/2012 | 0:55:32 | 21.18 | 0.534 | 18.71 | 10.818 | 5.57 | 69.8 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 1:00:32 | 21.18 | 0.534 | 18.71 | 10.819 | 5.57 | 69.9 | -239 | 3.3 | 0.29 |
| 4/14/2012 | 1:05:31 | 21.18 | 0.534 | 18.71 | 10.818 | 5.57 | 69.9 | -240 | 3.3 | 0.29 |
| 4/14/2012 | 1:10:31 | 21.19 | 0.534 | 18.71 | 10.813 | 5.57 | 69.9 | -240 | 3.3 | 0.29 |
| 4/14/2012 | 1:15:32 | 21.19 | 0.534 | 18.71 | 10.816 | 5.57 | 69.9 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:20:31 | 21.18 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:25:32 | 21.17 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:30:32 | 21.17 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:35:32 | 21.17 | 0.534 | 18.71 | 10.819 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:40:31 | 21.17 | 0.534 | 18.71 | 10.82 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:45:32 | 21.18 | 0.534 | 18.71 | 10.823 | 5.57 | 69.8 | -240 | 3.3 | 0.29 |
| 4/14/2012 | 1:50:32 | 21.17 | 0.534 | 18.71 | 10.82 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 1:55:31 | 21.16 | 0.534 | 18.71 | 10.817 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 2:00:31 | 21.17 | 0.534 | 18.71 | 10.816 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |
| 4/14/2012 | 2:05:32 | 21.17 | 0.534 | 18.71 | 10.814 | 5.57 | 69.8 | -241 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 2:10:32 | 21.16 | 0.535 | 18.71 | 10.81 | 5.57 | 69.8 | -242 | 3.3 | 0.29 |
| 4/14/2012 | 2:15:32 | 21.16 | 0.535 | 18.71 | 10.809 | 5.57 | 69.8 | -242 | 3.3 | 0.29 |
| 4/14/2012 | 2:20:32 | 21.17 | 0.534 | 18.7 | 10.805 | 5.57 | 69.8 | -242 | 3.3 | 0.29 |
| 4/14/2012 | 2:25:32 | 21.17 | 0.534 | 18.71 | 10.81 | 5.57 | 69.8 | -242 | 3.3 | 0.29 |
| 4/14/2012 | 2:30:32 | 21.17 | 0.534 | 18.71 | 10.813 | 5.57 | 69.8 | -243 | 3.3 | 0.29 |
| 4/14/2012 | 2:35:31 | 21.17 | 0.534 | 18.71 | 10.813 | 5.57 | 69.8 | -243 | 3.3 | 0.29 |
| 4/14/2012 | 2:40:32 | 21.17 | 0.534 | 18.71 | 10.814 | 5.57 | 69.8 | -243 | 3.3 | 0.29 |
| 4/14/2012 | 2:45:32 | 21.17 | 0.534 | 18.71 | 10.816 | 5.57 | 69.8 | -243 | 3.3 | 0.29 |
| 4/14/2012 | 2:50:31 | 21.14 | 0.534 | 18.71 | 10.813 | 5.57 | 69.8 | -243 | 3.3 | 0.29 |
| 4/14/2012 | 2:55:31 | 21.13 | 0.534 | 18.71 | 10.815 | 5.57 | 69.8 | -245 | 3.3 | 0.29 |
| 4/14/2012 | 3:00:31 | 21.18 | 0.534 | 18.71 | 10.815 | 5.57 | 69.8 | -244 | 3.3 | 0.29 |
| 4/14/2012 | 3:05:32 | 21.17 | 0.534 | 18.71 | 10.816 | 5.57 | 69.8 | -244 | 3.3 | 0.29 |
| 4/14/2012 | 3:10:32 | 21.17 | 0.534 | 18.71 | 10.817 | 5.57 | 69.8 | -244 | 3.3 | 0.29 |
| 4/14/2012 | 3:15:31 | 21.16 | 0.535 | 18.71 | 10.817 | 5.57 | 69.8 | -245 | 3.3 | 0.29 |
| 4/14/2012 | 3:20:32 | 21.18 | 0.534 | 18.71 | 10.817 | 5.57 | 69.8 | -244 | 3.3 | 0.29 |
| 4/14/2012 | 3:25:32 | 21.19 | 0.533 | 18.71 | 10.815 | 5.57 | 69.9 | -244 | 3.3 | 0.29 |
| 4/14/2012 | 3:30:32 | 21.19 | 0.533 | 18.71 | 10.816 | 5.57 | 69.9 | -245 | 3.3 | 0.29 |
| 4/14/2012 | 3:35:31 | 21.19 | 0.533 | 18.71 | 10.818 | 5.57 | 69.9 | -246 | 3.3 | 0.29 |
| 4/14/2012 | 3:40:32 | 21.16 | 0.533 | 18.71 | 10.815 | 5.57 | 69.9 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 3:45:32 | 21.16 | 0.534 | 18.71 | 10.819 | 5.57 | 69.9 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 3:50:31 | 21.18 | 0.534 | 18.71 | 10.822 | 5.57 | 69.9 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 3:55:32 | 21.18 | 0.533 | 18.71 | 10.824 | 5.57 | 69.9 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 4:00:31 | 21.18 | 0.533 | 18.71 | 10.826 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 4:05:32 | 21.18 | 0.534 | 18.71 | 10.827 | 5.57 | 69.9 | -245 | 3.3 | 0.29 |
| 4/14/2012 | 4:10:32 | 21.19 | 0.534 | 18.71 | 10.827 | 5.57 | 69.8 | -245 | 3.3 | 0.29 |
| 4/14/2012 | 4:15:32 | 21.19 | 0.533 | 18.71 | 10.827 | 5.57 | 69.9 | -246 | 3.3 | 0.29 |
| 4/14/2012 | 4:20:32 | 21.19 | 0.533 | 18.71 | 10.825 | 5.57 | 69.9 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 4:25:32 | 21.2 | 0.533 | 18.71 | 10.825 | 5.57 | 69.9 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 4:30:32 | 21.21 | 0.533 | 18.71 | 10.827 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 4:35:32 | 21.18 | 0.532 | 18.71 | 10.829 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 4:40:31 | 21.15 | 0.533 | 18.71 | 10.829 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 4:45:31 | 21.16 | 0.533 | 18.71 | 10.83 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 4:50:31 | 21.17 | 0.534 | 18.71 | 10.831 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 4:55:31 | 21.19 | 0.534 | 18.72 | 10.833 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 5:00:31 | 21.19 | 0.533 | 18.72 | 10.833 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 5:05:32 | 21.19 | 0.533 | 18.72 | 10.835 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 5:10:31 | 21.19 | 0.533 | 18.72 | 10.836 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 5:15:31 | 21.17 | 0.533 | 18.72 | 10.839 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 5:20:31 | 21.18 | 0.534 | 18.72 | 10.836 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 5:25:32 | 21.18 | 0.534 | 18.72 | 10.841 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 5:30:32 | 21.17 | 0.533 | 18.72 | 10.837 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 5:35:31 | 21.14 | 0.534 | 18.72 | 10.838 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 5:40:31 | 21.17 | 0.534 | 18.72 | 10.839 | 5.57 | 69.9 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 5:45:31 | 21.18 | 0.534 | 18.72 | 10.843 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 5:50:31 | 21.18 | 0.534 | 18.72 | 10.844 | 5.57 | 69.8 | -247 | 3.3 | 0.29 |
| 4/14/2012 | 5:55:31 | 21.2 | 0.534 | 18.72 | 10.843 | 5.57 | 69.8 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 6:00:31 | 21.19 | 0.533 | 18.72 | 10.844 | 5.57 | 69.9 | -248 | 3.3 | 0.29 |
| 4/14/2012 | 6:05:31 | 21.19 | 0.533 | 18.72 | 10.846 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 6:10:31 | 21.18 | 0.534 | 18.72 | 10.85 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 6:15:31 | 21.19 | 0.533 | 18.72 | 10.848 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 6:20:31 | 21.16 | 0.533 | 18.72 | 10.849 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 6:25:31 | 21.16 | 0.532 | 18.72 | 10.853 | 5.57 | 69.8 | -251 | 3.3 | 0.29 |
| 4/14/2012 | 6:30:31 | 21.16 | 0.533 | 18.72 | 10.853 | 5.57 | 69.8 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 6:35:31 | 21.19 | 0.532 | 18.72 | 10.851 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 6:40:31 | 21.21 | 0.532 | 18.72 | 10.854 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 6:45:31 | 21.15 | 0.533 | 18.72 | 10.846 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 6:50:32 | 21.16 | 0.533 | 18.72 | 10.852 | 5.57 | 69.9 | -251 | 3.3 | 0.29 |
| 4/14/2012 | 6:55:32 | 21.15 | 0.533 | 18.73 | 10.856 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 7:00:32 | 21.14 | 0.533 | 18.73 | 10.856 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 7:05:31 | 21.15 | 0.533 | 18.73 | 10.857 | 5.57 | 69.9 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 7:10:31 | 21.18 | 0.533 | 18.73 | 10.858 | 5.57 | 69.8 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 7:15:31 | 21.19 | 0.533 | 18.73 | 10.861 | 5.57 | 69.8 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 7:20:31 | 21.2 | 0.533 | 18.73 | 10.862 | 5.57 | 69.8 | -249 | 3.3 | 0.29 |
| 4/14/2012 | 7:25:32 | 21.2 | 0.533 | 18.73 | 10.866 | 5.57 | 69.8 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 7:30:31 | 21.19 | 0.534 | 18.73 | 10.864 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 7:35:31 | 21.19 | 0.534 | 18.73 | 10.865 | 5.57 | 69.9 | -250 | 3.3 | 0.29 |
| 4/14/2012 | 7:40:32 | 21.19 | 0.534 | 18.73 | 10.864 | 5.57 | 69.9 | -251 | 3.3 | 0.29 |
| 4/14/2012 | 7:45:32 | 21.2 | 0.533 | 18.73 | 10.866 | 5.57 | 69.9 | -251 | 3.3 | 0.29 |
| 4/14/2012 | 7:50:31 | 21.2 | 0.533 | 18.73 | 10.863 | 5.57 | 69.9 | -252 | 3.3 | 0.29 |
| 4/14/2012 | 7:55:31 | 21.21 | 0.534 | 18.73 | 10.863 | 5.57 | 69.9 | -252 | 3.3 | 0.29 |
| 4/14/2012 | 8:00:31 | 21.21 | 0.533 | 18.73 | 10.863 | 5.57 | 69.9 | -252 | 3.3 | 0.29 |
| 4/14/2012 | 8:05:31 | 21.21 | 0.533 | 18.73 | 10.862 | 5.57 | 69.9 | -252 | 3.3 | 0.29 |
| 4/14/2012 | 8:10:31 | 21.2 | 0.532 | 18.73 | 10.862 | 5.57 | 69.9 | -252 | 3.3 | 0.29 |
| 4/14/2012 | 8:15:31 | 21.19 | 0.532 | 18.73 | 10.861 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:20:31 | 21.19 | 0.532 | 18.73 | 10.861 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:25:31 | 21.19 | 0.533 | 18.73 | 10.859 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:30:31 | 21.19 | 0.533 | 18.73 | 10.858 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:35:31 | 21.19 | 0.533 | 18.73 | 10.862 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:40:31 | 21.18 | 0.533 | 18.73 | 10.862 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:45:31 | 21.18 | 0.533 | 18.73 | 10.863 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:50:31 | 21.18 | 0.533 | 18.73 | 10.864 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 8:55:32 | 21.18 | 0.533 | 18.73 | 10.865 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:00:31 | 21.19 | 0.533 | 18.73 | 10.863 | 5.57 | 69.8 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 9:05:31 | 21.16 | 0.533 | 18.73 | 10.862 | 5.57 | 69.9 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 9:10:31 | 21.17 | 0.533 | 18.73 | 10.86 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:15:32 | 21.16 | 0.533 | 18.73 | 10.858 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:20:31 | 21.18 | 0.533 | 18.73 | 10.858 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:25:31 | 21.2 | 0.533 | 18.73 | 10.859 | 5.57 | 69.9 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:30:31 | 21.21 | 0.533 | 18.73 | 10.856 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:35:31 | 21.2 | 0.533 | 18.73 | 10.856 | 5.57 | 69.8 | -253 | 3.3 | 0.29 |
| 4/14/2012 | 9:40:31 | 21.2 | 0.532 | 18.73 | 10.86 | 5.57 | 69.9 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 9:45:31 | 21.19 | 0.532 | 18.73 | 10.86 | 5.57 | 69.9 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 9:50:31 | 21.19 | 0.532 | 18.73 | 10.862 | 5.57 | 69.9 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 9:55:31 | 21.19 | 0.532 | 18.73 | 10.862 | 5.57 | 69.9 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 10:00:32 | 21.19 | 0.532 | 18.73 | 10.863 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:05:32 | 21.19 | 0.533 | 18.73 | 10.862 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:10:32 | 21.19 | 0.533 | 18.73 | 10.861 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:15:32 | 21.18 | 0.533 | 18.73 | 10.861 | 5.57 | 69.8 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:20:32 | 21.18 | 0.533 | 18.73 | 10.86 | 5.57 | 69.8 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:25:32 | 21.18 | 0.533 | 18.73 | 10.86 | 5.57 | 69.8 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 10:30:32 | 21.18 | 0.533 | 18.73 | 10.859 | 5.57 | 69.8 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 10:35:31 | 21.18 | 0.533 | 18.73 | 10.86 | 5.57 | 69.8 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 10:40:31 | 21.18 | 0.533 | 18.73 | 10.86 | 5.57 | 69.8 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:45:31 | 21.18 | 0.533 | 18.73 | 10.862 | 5.57 | 69.8 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:50:32 | 21.18 | 0.533 | 18.73 | 10.86 | 5.57 | 69.8 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 10:55:32 | 21.11 | 0.532 | 18.72 | 10.851 | 5.57 | 69.9 | -254 | 3.3 | 0.29 |
| 4/14/2012 | 11:00:32 | 21.17 | 0.532 | 18.73 | 10.86 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 11:05:31 | 21.16 | 0.533 | 18.73 | 10.862 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 11:10:31 | 21.17 | 0.533 | 18.73 | 10.862 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |
| 4/14/2012 | 11:15:31 | 21.17 | 0.533 | 18.73 | 10.865 | 5.57 | 69.9 | -255 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 11:20:32 | 21.17 | 0.532 | 18.73 | 10.862 | 5.57 | 69.9 | -256 | 3.3 | 0.29 |
| 4/14/2012 | 11:25:32 | 21.18 | 0.532 | 18.73 | 10.865 | 5.57 | 69.9 | -257 | 3.3 | 0.29 |
| 4/14/2012 | 11:30:32 | 21.18 | 0.531 | 18.73 | 10.862 | 5.57 | 69.9 | -257 | 3.3 | 0.29 |
| 4/14/2012 | 11:35:31 | 21.17 | 0.531 | 18.73 | 10.862 | 5.57 | 69.9 | -257 | 3.3 | 0.29 |
| 4/14/2012 | 11:40:32 | 21.18 | 0.531 | 18.73 | 10.864 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 11:45:31 | 21.18 | 0.531 | 18.73 | 10.863 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 11:50:31 | 21.18 | 0.532 | 18.73 | 10.862 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 11:55:31 | 21.19 | 0.532 | 18.73 | 10.861 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 12:00:31 | 21.18 | 0.532 | 18.73 | 10.861 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 12:05:32 | 21.18 | 0.532 | 18.73 | 10.859 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:10:32 | 21.18 | 0.532 | 18.73 | 10.861 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:15:31 | 21.18 | 0.532 | 18.73 | 10.859 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:20:31 | 21.18 | 0.532 | 18.73 | 10.863 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:25:31 | 21.18 | 0.532 | 18.73 | 10.861 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:30:31 | 21.18 | 0.532 | 18.73 | 10.864 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:35:32 | 21.18 | 0.532 | 18.73 | 10.862 | 5.57 | 69.9 | -258 | 3.3 | 0.29 |
| 4/14/2012 | 12:40:31 | 21.18 | 0.532 | 18.73 | 10.86 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 12:45:32 | 21.18 | 0.532 | 18.73 | 10.86 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 12:50:31 | 21.18 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 12:55:31 | 21.18 | 0.532 | 18.73 | 10.859 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 13:00:31 | 21.18 | 0.532 | 18.73 | 10.859 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 13:05:31 | 21.18 | 0.532 | 18.73 | 10.856 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 13:10:31 | 21.18 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 13:15:31 | 21.18 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 13:20:31 | 21.18 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -259 | 3.3 | 0.29 |
| 4/14/2012 | 13:25:32 | 21.18 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -260 | 3.3 | 0.29 |
| 4/14/2012 | 13:30:31 | 21.18 | 0.532 | 18.73 | 10.857 | 5.57 | 69.9 | -260 | 3.3 | 0.29 |
| 4/14/2012 | 13:35:31 | 21.17 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -260 | 3.3 | 0.29 |
| 4/14/2012 | 13:40:31 | 21.16 | 0.531 | 18.73 | 10.857 | 5.57 | 69.9 | -260 | 3.3 | 0.29 |
| 4/14/2012 | 13:45:31 | 21.13 | 0.532 | 18.73 | 10.858 | 5.57 | 69.9 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 13:50:31 | 21.13 | 0.532 | 18.73 | 10.854 | 5.57 | 70 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 13:55:32 | 21.14 | 0.532 | 18.73 | 10.856 | 5.57 | 69.9 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 14:00:31 | 21.17 | 0.532 | 18.73 | 10.857 | 5.57 | 69.9 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 14:05:31 | 21.17 | 0.532 | 18.73 | 10.854 | 5.57 | 69.9 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 14:10:31 | 21.16 | 0.532 | 18.72 | 10.85 | 5.57 | 69.9 | -260 | 3.3 | 0.29 |
| 4/14/2012 | 14:15:32 | 21.13 | 0.532 | 18.72 | 10.851 | 5.57 | 69.9 | -262 | 3.3 | 0.29 |
| 4/14/2012 | 14:20:31 | 21.18 | 0.532 | 18.72 | 10.85 | 5.57 | 69.9 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 14:25:31 | 21.18 | 0.532 | 18.72 | 10.849 | 5.57 | 69.9 | -261 | 3.2 | 0.29 |
| 4/14/2012 | 14:30:31 | 21.18 | 0.532 | 18.72 | 10.849 | 5.57 | 69.9 | -261 | 3.3 | 0.29 |
| 4/14/2012 | 14:35:31 | 21.19 | 0.532 | 18.72 | 10.85 | 5.57 | 69.9 | -261 | 3.2 | 0.29 |
| 4/14/2012 | 14:40:31 | 21.2 | 0.531 | 18.72 | 10.85 | 5.57 | 69.9 | -262 | 3.3 | 0.29 |
| 4/14/2012 | 14:45:31 | 21.2 | 0.531 | 18.72 | 10.846 | 5.57 | 70 | -263 | 3.3 | 0.29 |
| 4/14/2012 | 14:50:31 | 21.18 | 0.532 | 18.72 | 10.847 | 5.57 | 70 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 14:55:31 | 21.2 | 0.532 | 18.72 | 10.845 | 5.57 | 69.9 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:00:32 | 21.2 | 0.531 | 18.72 | 10.845 | 5.57 | 70 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:05:31 | 21.2 | 0.531 | 18.72 | 10.843 | 5.57 | 69.9 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:10:31 | 21.2 | 0.531 | 18.72 | 10.842 | 5.57 | 70 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:15:31 | 21.19 | 0.53 | 18.72 | 10.843 | 5.57 | 70 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:20:31 | 21.19 | 0.531 | 18.72 | 10.842 | 5.57 | 69.9 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 15:25:32 | 21.19 | 0.532 | 18.72 | 10.841 | 5.57 | 69.9 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:30:32 | 21.18 | 0.532 | 18.72 | 10.838 | 5.57 | 69.9 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 15:35:32 | 21.18 | 0.532 | 18.72 | 10.836 | 5.57 | 69.9 | -263 | 3.3 | 0.29 |
| 4/14/2012 | 15:40:32 | 21.18 | 0.532 | 18.72 | 10.833 | 5.57 | 69.9 | -263 | 3.3 | 0.29 |
| 4/14/2012 | 15:45:31 | 21.18 | 0.532 | 18.72 | 10.834 | 5.57 | 69.9 | -263 | 3.3 | 0.29 |
| 4/14/2012 | 15:50:31 | 21.18 | 0.532 | 18.72 | 10.835 | 5.57 | 69.9 | -264 | 3.3 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 15:55:31 | 21.18 | 0.532 | 18.72 | 10.835 | 5.57 | 70 | -264 | 3.3 | 0.29 |
| 4/14/2012 | 16:00:31 | 21.18 | 0.532 | 18.72 | 10.834 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:05:31 | 21.18 | 0.532 | 18.72 | 10.832 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:10:31 | 21.17 | 0.532 | 18.72 | 10.832 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:15:31 | 21.17 | 0.532 | 18.71 | 10.828 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:20:31 | 21.18 | 0.531 | 18.71 | 10.83 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:25:32 | 21.18 | 0.531 | 18.71 | 10.829 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:30:31 | 21.18 | 0.531 | 18.71 | 10.827 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:35:31 | 21.18 | 0.532 | 18.71 | 10.827 | 5.57 | 70 | -265 | 3.2 | 0.29 |
| 4/14/2012 | 16:40:31 | 21.18 | 0.531 | 18.71 | 10.828 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:45:31 | 21.18 | 0.531 | 18.71 | 10.827 | 5.57 | 70 | -265 | 3.2 | 0.29 |
| 4/14/2012 | 16:50:32 | 21.18 | 0.531 | 18.71 | 10.828 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 16:55:32 | 21.18 | 0.531 | 18.71 | 10.827 | 5.57 | 70 | -265 | 3.2 | 0.29 |
| 4/14/2012 | 17:00:32 | 21.18 | 0.531 | 18.71 | 10.829 | 5.57 | 70 | -265 | 3.2 | 0.29 |
| 4/14/2012 | 17:05:32 | 21.18 | 0.531 | 18.72 | 10.833 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 17:10:31 | 21.17 | 0.531 | 18.71 | 10.826 | 5.57 | 70 | -265 | 3.2 | 0.29 |
| 4/14/2012 | 17:15:31 | 21.17 | 0.531 | 18.71 | 10.824 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 17:20:31 | 21.17 | 0.531 | 18.71 | 10.829 | 5.57 | 70 | -265 | 3.3 | 0.29 |
| 4/14/2012 | 17:25:31 | 21.17 | 0.531 | 18.71 | 10.828 | 5.57 | 70 | -266 | 3.3 | 0.29 |
| 4/14/2012 | 17:30:31 | 21.17 | 0.531 | 18.71 | 10.827 | 5.57 | 70.1 | -266 | 3.3 | 0.29 |
| 4/14/2012 | 17:35:31 | 21.17 | 0.531 | 18.71 | 10.825 | 5.57 | 70.1 | -267 | 3.3 | 0.29 |
| 4/14/2012 | 17:40:31 | 21.17 | 0.531 | 18.71 | 10.824 | 5.57 | 70 | -267 | 3.3 | 0.29 |
| 4/14/2012 | 17:45:31 | 21.1 | 0.531 | 18.71 | 10.813 | 5.56 | 70.1 | -266 | 3.3 | 0.29 |
| 4/14/2012 | 17:50:32 | 21.18 | 0.531 | 18.71 | 10.817 | 5.56 | 70.1 | -267 | 3.2 | 0.29 |
| 4/14/2012 | 17:55:32 | 21.17 | 0.531 | 18.71 | 10.821 | 5.56 | 70.1 | -268 | 3.2 | 0.29 |
| 4/14/2012 | 18:00:31 | 21.17 | 0.531 | 18.71 | 10.821 | 5.57 | 70.1 | -268 | 3.3 | 0.29 |
| 4/14/2012 | 18:05:31 | 21.18 | 0.531 | 18.71 | 10.825 | 5.57 | 70.1 | -268 | 3.2 | 0.29 |
| 4/14/2012 | 18:10:31 | 21.17 | 0.531 | 18.71 | 10.826 | 5.57 | 70 | -268 | 3.2 | 0.29 |
| 4/14/2012 | 18:15:31 | 21.17 | 0.531 | 18.71 | 10.83 | 5.57 | 70.1 | -268 | 3.2 | 0.29 |
| 4/14/2012 | 18:20:31 | 21.14 | 0.531 | 18.71 | 10.829 | 5.56 | 70.1 | -268 | 3.2 | 0.29 |
| 4/14/2012 | 18:25:32 | 21.15 | 0.531 | 18.71 | 10.829 | 5.56 | 70.1 | -269 | 3.2 | 0.29 |
| 4/14/2012 | 18:30:32 | 21.18 | 0.531 | 18.71 | 10.828 | 5.57 | 70.1 | -269 | 3.3 | 0.29 |
| 4/14/2012 | 18:35:31 | 21.15 | 0.531 | 18.71 | 10.827 | 5.56 | 70.1 | -269 | 3.3 | 0.29 |
| 4/14/2012 | 18:40:32 | 21.15 | 0.531 | 18.71 | 10.826 | 5.56 | 70.1 | -270 | 3.3 | 0.29 |
| 4/14/2012 | 18:45:31 | 21.13 | 0.531 | 18.71 | 10.823 | 5.56 | 70.1 | -270 | 3.3 | 0.29 |
| 4/14/2012 | 18:50:31 | 21.16 | 0.531 | 18.71 | 10.822 | 5.56 | 70.1 | -270 | 3.3 | 0.29 |
| 4/14/2012 | 18:55:31 | 21.15 | 0.531 | 18.71 | 10.823 | 5.56 | 70.1 | -271 | 3.3 | 0.29 |
| 4/14/2012 | 19:00:31 | 21.17 | 0.531 | 18.71 | 10.821 | 5.56 | 70.1 | -270 | 3.3 | 0.29 |
| 4/14/2012 | 19:05:32 | 21.18 | 0.531 | 18.71 | 10.821 | 5.57 | 70.1 | -270 | 3.3 | 0.29 |
| 4/14/2012 | 19:10:31 | 21.19 | 0.531 | 18.71 | 10.821 | 5.56 | 70.1 | -270 | 3.2 | 0.29 |
| 4/14/2012 | 19:15:31 | 21.2 | 0.531 | 18.71 | 10.818 | 5.56 | 70.1 | -270 | 3.2 | 0.29 |
| 4/14/2012 | 19:20:31 | 21.21 | 0.531 | 18.71 | 10.818 | 5.57 | 70.1 | -271 | 3.3 | 0.29 |
| 4/14/2012 | 19:25:31 | 21.21 | 0.531 | 18.71 | 10.82 | 5.57 | 70.1 | -271 | 3.3 | 0.29 |
| 4/14/2012 | 19:30:31 | 21.16 | 0.53 | 18.71 | 10.821 | 5.56 | 70.1 | -271 | 3.3 | 0.29 |
| 4/14/2012 | 19:35:31 | 21.13 | 0.531 | 18.71 | 10.82 | 5.56 | 70.1 | -272 | 3.2 | 0.29 |
| 4/14/2012 | 19:40:31 | 21.14 | 0.531 | 18.71 | 10.815 | 5.56 | 70.1 | -272 | 3.2 | 0.29 |
| 4/14/2012 | 19:45:31 | 21.15 | 0.531 | 18.71 | 10.818 | 5.56 | 70.1 | -272 | 3.3 | 0.29 |
| 4/14/2012 | 19:50:31 | 21.18 | 0.531 | 18.71 | 10.816 | 5.56 | 70.1 | -272 | 3.2 | 0.29 |
| 4/14/2012 | 19:55:31 | 21.15 | 0.531 | 18.71 | 10.815 | 5.56 | 70.1 | -272 | 3.3 | 0.29 |
| 4/14/2012 | 20:00:31 | 21.17 | 0.531 | 18.71 | 10.815 | 5.56 | 70.1 | -272 | 3.3 | 0.29 |
| 4/14/2012 | 20:05:31 | 21.16 | 0.53 | 18.71 | 10.814 | 5.56 | 70.1 | -272 | 3.2 | 0.29 |
| 4/14/2012 | 20:10:31 | 21.14 | 0.531 | 18.71 | 10.815 | 5.56 | 70.1 | -272 | 3.2 | 0.29 |
| 4/14/2012 | 20:15:31 | 21.18 | 0.531 | 18.71 | 10.814 | 5.56 | 70.1 | -272 | 3.3 | 0.29 |
| 4/14/2012 | 20:20:31 | 21.2 | 0.531 | 18.71 | 10.812 | 5.56 | 70.1 | -272 | 3.2 | 0.29 |
| 4/14/2012 | 20:25:31 | 21.2 | 0.531 | 18.71 | 10.812 | 5.56 | 70.1 | -273 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 20:30:31 | 21.2 | 0.53 | 18.71 | 10.812 | 5.56 | 70.1 | -273 | 3.2 | 0.29 |
| 4/14/2012 | 20:35:32 | 21.2 | 0.53 | 18.71 | 10.812 | 5.56 | 70.1 | -274 | 3.3 | 0.29 |
| 4/14/2012 | 20:40:32 | 21.2 | 0.53 | 18.71 | 10.813 | 5.56 | 70.1 | -274 | 3.3 | 0.29 |
| 4/14/2012 | 20:45:31 | 21.2 | 0.53 | 18.71 | 10.814 | 5.56 | 70.1 | -275 | 3.3 | 0.29 |
| 4/14/2012 | 20:50:31 | 21.11 | 0.531 | 18.71 | 10.814 | 5.56 | 70.1 | -276 | 3.3 | 0.29 |
| 4/14/2012 | 20:55:31 | 21.16 | 0.531 | 18.71 | 10.811 | 5.57 | 70.1 | -275 | 3.3 | 0.29 |
| 4/14/2012 | 21:00:31 | 21.18 | 0.531 | 18.71 | 10.812 | 5.56 | 70.1 | -274 | 3.2 | 0.29 |
| 4/14/2012 | 21:05:31 | 21.19 | 0.531 | 18.71 | 10.81 | 5.57 | 70.1 | -275 | 3.2 | 0.29 |
| 4/14/2012 | 21:10:31 | 21.19 | 0.531 | 18.71 | 10.81 | 5.57 | 70.1 | -275 | 3.2 | 0.29 |
| 4/14/2012 | 21:15:31 | 21.2 | 0.531 | 18.71 | 10.81 | 5.57 | 70.1 | -275 | 3.2 | 0.29 |
| 4/14/2012 | 21:20:32 | 21.2 | 0.531 | 18.71 | 10.808 | 5.56 | 70.1 | -274 | 3.3 | 0.29 |
| 4/14/2012 | 21:25:32 | 21.2 | 0.531 | 18.71 | 10.808 | 5.56 | 70.1 | -275 | 3.3 | 0.29 |
| 4/14/2012 | 21:30:31 | 21.19 | 0.531 | 18.7 | 10.806 | 5.56 | 70.1 | -276 | 3.3 | 0.29 |
| 4/14/2012 | 21:35:31 | 21.18 | 0.531 | 18.7 | 10.807 | 5.56 | 70.1 | -277 | 3.2 | 0.29 |
| 4/14/2012 | 21:40:31 | 21.18 | 0.531 | 18.7 | 10.806 | 5.56 | 70.1 | -277 | 3.3 | 0.29 |
| 4/14/2012 | 21:45:31 | 21.18 | 0.531 | 18.7 | 10.806 | 5.56 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 21:50:31 | 21.18 | 0.531 | 18.7 | 10.805 | 5.56 | 70.1 | -278 | 3.3 | 0.29 |
| 4/14/2012 | 21:55:31 | 21.18 | 0.531 | 18.7 | 10.806 | 5.56 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 22:00:31 | 21.18 | 0.531 | 18.7 | 10.806 | 5.57 | 70.1 | -277 | 3.2 | 0.29 |
| 4/14/2012 | 22:05:31 | 21.18 | 0.531 | 18.7 | 10.807 | 5.57 | 70.1 | -276 | 3.2 | 0.29 |
| 4/14/2012 | 22:10:31 | 21.18 | 0.531 | 18.7 | 10.805 | 5.57 | 70.1 | -276 | 3.2 | 0.29 |
| 4/14/2012 | 22:15:31 | 21.18 | 0.531 | 18.7 | 10.804 | 5.56 | 70.1 | -276 | 3.2 | 0.29 |
| 4/14/2012 | 22:20:31 | 21.18 | 0.531 | 18.7 | 10.805 | 5.57 | 70.1 | -276 | 3.2 | 0.29 |
| 4/14/2012 | 22:25:31 | 21.18 | 0.531 | 18.7 | 10.803 | 5.57 | 70.1 | -276 | 3.3 | 0.29 |
| 4/14/2012 | 22:30:31 | 21.13 | 0.53 | 18.7 | 10.801 | 5.56 | 70.1 | -276 | 3.3 | 0.29 |
| 4/14/2012 | 22:35:31 | 21.11 | 0.531 | 18.7 | 10.801 | 5.56 | 70.1 | -276 | 3.3 | 0.29 |
| 4/14/2012 | 22:40:31 | 21.11 | 0.531 | 18.7 | 10.8 | 5.56 | 70.1 | -277 | 3.2 | 0.29 |
| 4/14/2012 | 22:45:31 | 21.12 | 0.531 | 18.7 | 10.798 | 5.56 | 70.1 | -278 | 3.3 | 0.29 |
| 4/14/2012 | 22:50:31 | 21.15 | 0.531 | 18.7 | 10.798 | 5.56 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 22:55:31 | 21.17 | 0.531 | 18.7 | 10.797 | 5.56 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 23:00:31 | 21.19 | 0.531 | 18.7 | 10.796 | 5.57 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 23:05:31 | 21.2 | 0.531 | 18.7 | 10.793 | 5.57 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 23:10:32 | 21.2 | 0.531 | 18.7 | 10.795 | 5.56 | 70.1 | -278 | 3.2 | 0.29 |
| 4/14/2012 | 23:15:31 | 21.13 | 0.531 | 18.7 | 10.789 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:20:31 | 21.16 | 0.531 | 18.7 | 10.796 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:25:31 | 21.17 | 0.531 | 18.7 | 10.796 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:30:31 | 21.18 | 0.531 | 18.7 | 10.796 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:35:32 | 21.17 | 0.531 | 18.7 | 10.795 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:40:31 | 21.16 | 0.531 | 18.7 | 10.794 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:45:31 | 21.19 | 0.531 | 18.7 | 10.794 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:50:31 | 21.21 | 0.531 | 18.7 | 10.794 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/14/2012 | 23:55:31 | 21.14 | 0.531 | 18.7 | 10.792 | 5.56 | 70.1 | -280 | 3.2 | 0.29 |
| 4/15/2012 | 0:00:31 | 21.13 | 0.531 | 18.7 | 10.792 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:05:31 | 21.14 | 0.531 | 18.7 | 10.789 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:10:31 | 21.13 | 0.531 | 18.7 | 10.791 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:15:31 | 21.16 | 0.531 | 18.7 | 10.793 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:20:31 | 21.16 | 0.531 | 18.7 | 10.792 | 5.56 | 70.1 | -278 | 3.2 | 0.29 |
| 4/15/2012 | 0:25:31 | 21.14 | 0.531 | 18.7 | 10.789 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:30:31 | 21.14 | 0.531 | 18.7 | 10.791 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:35:31 | 21.13 | 0.532 | 18.7 | 10.791 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:40:31 | 21.15 | 0.531 | 18.7 | 10.788 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:45:31 | 21.16 | 0.531 | 18.7 | 10.789 | 5.57 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:50:31 | 21.18 | 0.531 | 18.7 | 10.789 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 0:55:32 | 21.2 | 0.531 | 18.7 | 10.791 | 5.56 | 70.1 | -279 | 3.2 | 0.29 |
| 4/15/2012 | 1:00:31 | 21.12 | 0.531 | 18.7 | 10.789 | 5.56 | 70.1 | -280 | 3.3 | 0.29 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 1:05:32 | 21.15 | 0.531 | 18.7 | 10.79 | 5.56 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 1:10:31 | 21.17 | 0.531 | 18.7 | 10.791 | 5.56 | 70.1 | -280 | 3.2 | 0.29 |
| 4/15/2012 | 1:15:31 | 21.18 | 0.531 | 18.7 | 10.789 | 5.56 | 70.1 | -280 | 3.2 | 0.29 |
| 4/15/2012 | 1:20:31 | 21.19 | 0.531 | 18.7 | 10.788 | 5.56 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 1:25:31 | 21.2 | 0.531 | 18.7 | 10.785 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 1:30:31 | 21.2 | 0.531 | 18.69 | 10.776 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 1:35:31 | 21.2 | 0.531 | 18.69 | 10.774 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 1:40:31 | 21.19 | 0.531 | 18.69 | 10.774 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 1:45:31 | 21.18 | 0.531 | 18.69 | 10.774 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 1:50:31 | 21.18 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 1:55:31 | 21.18 | 0.532 | 18.69 | 10.772 | 5.57 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 2:00:31 | 21.18 | 0.531 | 18.69 | 10.772 | 5.57 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 2:05:31 | 21.18 | 0.532 | 18.69 | 10.771 | 5.57 | 70 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 2:10:31 | 21.18 | 0.531 | 18.69 | 10.772 | 5.57 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 2:15:32 | 21.18 | 0.531 | 18.69 | 10.774 | 5.57 | 70 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 2:20:31 | 21.13 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 2:25:31 | 21.15 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 2:30:31 | 21.17 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 2:35:31 | 21.18 | 0.531 | 18.69 | 10.772 | 5.56 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 2:40:31 | 21.15 | 0.532 | 18.69 | 10.77 | 5.56 | 70.1 | -281 | 3.2 | 0.29 |
| 4/15/2012 | 2:45:31 | 21.19 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 2:50:31 | 21.15 | 0.531 | 18.69 | 10.768 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 2:55:32 | 21.16 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:00:31 | 21.18 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:05:31 | 21.19 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:10:31 | 21.12 | 0.532 | 18.69 | 10.764 | 5.56 | 70.1 | -283 | 3.2 | 0.29 |
| 4/15/2012 | 3:15:31 | 21.15 | 0.532 | 18.69 | 10.769 | 5.56 | 70.1 | -283 | 3.2 | 0.29 |
| 4/15/2012 | 3:20:31 | 21.17 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:25:31 | 21.16 | 0.532 | 18.69 | 10.769 | 5.57 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:30:31 | 21.16 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:35:31 | 21.17 | 0.532 | 18.69 | 10.767 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:40:31 | 21.19 | 0.532 | 18.69 | 10.765 | 5.56 | 70.1 | -282 | 3.2 | 0.29 |
| 4/15/2012 | 3:45:31 | 21.2 | 0.532 | 18.69 | 10.767 | 5.56 | 70.1 | -283 | 3.2 | 0.29 |
| 4/15/2012 | 3:50:31 | 21.18 | 0.532 | 18.69 | 10.765 | 5.56 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 3:55:31 | 21.18 | 0.533 | 18.69 | 10.766 | 5.56 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:00:31 | 21.2 | 0.532 | 18.69 | 10.765 | 5.56 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:05:32 | 21.21 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:10:31 | 21.22 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:15:31 | 21.2 | 0.532 | 18.69 | 10.765 | 5.56 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 4:20:31 | 21.2 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 4:25:31 | 21.2 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 4:30:31 | 21.19 | 0.532 | 18.69 | 10.765 | 5.57 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 4:35:31 | 21.18 | 0.532 | 18.69 | 10.763 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:40:31 | 21.18 | 0.532 | 18.69 | 10.763 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:45:31 | 21.18 | 0.532 | 18.69 | 10.763 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:50:31 | 21.18 | 0.532 | 18.69 | 10.764 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 4:55:31 | 21.18 | 0.532 | 18.69 | 10.762 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 5:00:31 | 21.18 | 0.532 | 18.69 | 10.762 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 5:05:31 | 21.18 | 0.532 | 18.69 | 10.764 | 5.57 | 70 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 5:10:31 | 21.18 | 0.532 | 18.69 | 10.764 | 5.57 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 5:15:31 | 21.18 | 0.532 | 18.69 | 10.761 | 5.57 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 5:20:31 | 21.18 | 0.532 | 18.69 | 10.763 | 5.57 | 70.1 | -284 | 3.2 | 0.29 |
| 4/15/2012 | 5:25:31 | 21.18 | 0.532 | 18.69 | 10.763 | 5.57 | 70 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 5:30:32 | 21.18 | 0.532 | 18.69 | 10.765 | 5.57 | 70 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 5:35:31 | 21.18 | 0.532 | 18.69 | 10.764 | 5.57 | 70.1 | -285 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 5:40:31 | 21.17 | 0.533 | 18.69 | 10.765 | 5.57 | 70 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 5:45:31 | 21.17 | 0.532 | 18.68 | 10.761 | 5.57 | 70 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 5:50:31 | 21.17 | 0.532 | 18.69 | 10.766 | 5.57 | 70 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 5:55:31 | 21.17 | 0.533 | 18.69 | 10.768 | 5.57 | 70 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 6:00:31 | 21.17 | 0.533 | 18.69 | 10.77 | 5.57 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 6:05:31 | 21.16 | 0.532 | 18.69 | 10.769 | 5.57 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 6:10:31 | 21.14 | 0.533 | 18.69 | 10.772 | 5.56 | 70.1 | -286 | 3.2 | 0.29 |
| 4/15/2012 | 6:15:31 | 21.17 | 0.532 | 18.69 | 10.772 | 5.57 | 70.1 | -285 | 3.2 | 0.29 |
| 4/15/2012 | 6:20:31 | 21.19 | 0.532 | 18.69 | 10.77 | 5.56 | 70.1 | -286 | 3.2 | 0.29 |
| 4/15/2012 | 6:25:32 | 21.19 | 0.532 | 18.69 | 10.77 | 5.57 | 70.1 | -286 | 3.2 | 0.29 |
| 4/15/2012 | 6:30:31 | 21.2 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -286 | 3.2 | 0.29 |
| 4/15/2012 | 6:35:31 | 21.2 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -286 | 3.2 | 0.29 |
| 4/15/2012 | 6:40:31 | 21.2 | 0.533 | 18.69 | 10.773 | 5.56 | 70.1 | -287 | 3.2 | 0.29 |
| 4/15/2012 | 6:45:32 | 21.19 | 0.532 | 18.69 | 10.774 | 5.56 | 70.1 | -287 | 3.2 | 0.29 |
| 4/15/2012 | 6:50:31 | 21.17 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -286 | 3.2 | 0.29 |
| 4/15/2012 | 6:55:31 | 21.14 | 0.533 | 18.69 | 10.773 | 5.56 | 70.1 | -287 | 3.2 | 0.29 |
| 4/15/2012 | 7:00:31 | 21.17 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -287 | 3.2 | 0.29 |
| 4/15/2012 | 7:05:31 | 21.19 | 0.532 | 18.69 | 10.772 | 5.56 | 70.1 | -287 | 3.2 | 0.29 |
| 4/15/2012 | 7:10:31 | 21.19 | 0.532 | 18.69 | 10.771 | 5.57 | 70.1 | -288 | 3.2 | 0.29 |
| 4/15/2012 | 7:15:31 | 21.19 | 0.532 | 18.69 | 10.772 | 5.56 | 70.1 | -287 | 3.2 | 0.29 |
| 4/15/2012 | 7:20:31 | 21.15 | 0.533 | 18.69 | 10.772 | 5.56 | 70.1 | -288 | 3.2 | 0.29 |
| 4/15/2012 | 7:25:31 | 21.16 | 0.533 | 18.69 | 10.773 | 5.56 | 70.1 | -288 | 3.2 | 0.29 |
| 4/15/2012 | 7:30:31 | 21.17 | 0.532 | 18.69 | 10.775 | 5.56 | 70.1 | -288 | 3.2 | 0.29 |
| 4/15/2012 | 7:35:31 | 21.15 | 0.533 | 18.69 | 10.773 | 5.56 | 70.1 | -289 | 3.2 | 0.29 |
| 4/15/2012 | 7:40:31 | 21.16 | 0.533 | 18.69 | 10.773 | 5.56 | 70.1 | -289 | 3.2 | 0.29 |
| 4/15/2012 | 7:45:31 | 21.18 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -289 | 3.2 | 0.29 |
| 4/15/2012 | 7:50:31 | 21.2 | 0.532 | 18.69 | 10.774 | 5.56 | 70.1 | -289 | 3.2 | 0.29 |
| 4/15/2012 | 7:55:31 | 21.18 | 0.532 | 18.69 | 10.775 | 5.56 | 70.1 | -290 | 3.2 | 0.29 |
| 4/15/2012 | 8:00:31 | 21.19 | 0.532 | 18.69 | 10.775 | 5.56 | 70.1 | -290 | 3.2 | 0.29 |
| 4/15/2012 | 8:05:31 | 21.14 | 0.532 | 18.69 | 10.774 | 5.56 | 70.1 | -291 | 3.2 | 0.29 |
| 4/15/2012 | 8:10:31 | 21.16 | 0.532 | 18.69 | 10.774 | 5.56 | 70.1 | -290 | 3.2 | 0.29 |
| 4/15/2012 | 8:15:31 | 21.18 | 0.532 | 18.69 | 10.773 | 5.56 | 70.1 | -290 | 3.2 | 0.29 |
| 4/15/2012 | 8:20:31 | 21.19 | 0.532 | 18.69 | 10.774 | 5.56 | 70.1 | -290 | 3.2 | 0.29 |
| 4/15/2012 | 8:25:31 | 21.2 | 0.532 | 18.69 | 10.772 | 5.56 | 70.1 | -291 | 3.2 | 0.29 |
| 4/15/2012 | 8:30:31 | 21.2 | 0.532 | 18.69 | 10.772 | 5.56 | 70.1 | -292 | 3.2 | 0.29 |
| 4/15/2012 | 8:35:31 | 21.2 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -292 | 3.2 | 0.29 |
| 4/15/2012 | 8:40:31 | 21.2 | 0.532 | 18.69 | 10.769 | 5.56 | 70.1 | -292 | 3.2 | 0.29 |
| 4/15/2012 | 8:45:31 | 21.19 | 0.532 | 18.69 | 10.769 | 5.56 | 70.1 | -294 | 3.2 | 0.29 |
| 4/15/2012 | 8:50:31 | 21.17 | 0.532 | 18.69 | 10.771 | 5.56 | 70.1 | -295 | 3.2 | 0.29 |
| 4/15/2012 | 8:55:31 | 21.16 | 0.532 | 18.69 | 10.77 | 5.56 | 70.1 | -295 | 3.2 | 0.29 |
| 4/15/2012 | 9:00:31 | 21.16 | 0.532 | 18.69 | 10.77 | 5.56 | 70.1 | -297 | 3.2 | 0.29 |
| 4/15/2012 | 9:05:31 | 21.16 | 0.532 | 18.69 | 10.769 | 5.56 | 70.1 | -297 | 3.2 | 0.29 |
| 4/15/2012 | 9:10:31 | 21.19 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -299 | 3.2 | 0.29 |
| 4/15/2012 | 9:15:31 | 21.2 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -302 | 3.2 | 0.29 |
| 4/15/2012 | 9:20:31 | 21.21 | 0.531 | 18.69 | 10.767 | 5.56 | 70.1 | -304 | 3.2 | 0.29 |
| 4/15/2012 | 9:25:31 | 21.2 | 0.531 | 18.69 | 10.766 | 5.56 | 70.1 | -305 | 3.2 | 0.29 |
| 4/15/2012 | 9:30:31 | 21.2 | 0.531 | 18.69 | 10.764 | 5.56 | 70.1 | -307 | 3.2 | 0.29 |
| 4/15/2012 | 9:35:31 | 21.2 | 0.531 | 18.69 | 10.765 | 5.56 | 70.1 | -309 | 3.2 | 0.29 |
| 4/15/2012 | 9:40:31 | 21.2 | 0.531 | 18.69 | 10.766 | 5.56 | 70.1 | -311 | 3.2 | 0.29 |
| 4/15/2012 | 9:45:31 | 21.2 | 0.532 | 18.69 | 10.764 | 5.56 | 70.1 | -312 | 3.2 | 0.29 |
| 4/15/2012 | 9:50:31 | 21.19 | 0.532 | 18.69 | 10.767 | 5.56 | 70.1 | -313 | 3.2 | 0.29 |
| 4/15/2012 | 9:55:31 | 21.18 | 0.532 | 18.69 | 10.766 | 5.56 | 70.1 | -314 | 3.2 | 0.29 |
| 4/15/2012 | 10:00:31 | 21.18 | 0.532 | 18.69 | 10.767 | 5.56 | 70.1 | -314 | 3.2 | 0.29 |
| 4/15/2012 | 10:05:31 | 21.19 | 0.532 | 18.69 | 10.767 | 5.56 | 70.1 | -314 | 3.2 | 0.29 |
| 4/15/2012 | 10:10:31 | 21.19 | 0.532 | 18.69 | 10.769 | 5.56 | 70.1 | -314 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 10:15:31 | 21.19 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -315 | 3.2 | 0.29 |
| 4/15/2012 | 10:20:31 | 21.19 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -316 | 3.2 | 0.29 |
| 4/15/2012 | 10:25:31 | 21.18 | 0.532 | 18.69 | 10.767 | 5.56 | 70.1 | -317 | 3.2 | 0.29 |
| 4/15/2012 | 10:30:31 | 21.18 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -318 | 3.2 | 0.29 |
| 4/15/2012 | 10:35:31 | 21.18 | 0.532 | 18.69 | 10.768 | 5.56 | 70.1 | -318 | 3.2 | 0.29 |
| 4/15/2012 | 10:40:31 | 21.18 | 0.532 | 18.69 | 10.765 | 5.56 | 70.1 | -319 | 3.2 | 0.29 |
| 4/15/2012 | 10:45:31 | 21.18 | 0.532 | 18.69 | 10.764 | 5.56 | 70.1 | -319 | 3.2 | 0.29 |
| 4/15/2012 | 10:50:31 | 21.18 | 0.532 | 18.69 | 10.764 | 5.56 | 70.1 | -318 | 3.2 | 0.29 |
| 4/15/2012 | 10:55:31 | 21.18 | 0.532 | 18.68 | 10.758 | 5.56 | 70.1 | -317 | 3.2 | 0.29 |
| 4/15/2012 | 11:00:31 | 21.18 | 0.532 | 18.69 | 10.761 | 5.56 | 70.1 | -318 | 3.2 | 0.29 |
| 4/15/2012 | 11:05:31 | 21.16 | 0.531 | 18.68 | 10.76 | 5.56 | 70.2 | -319 | 3.2 | 0.29 |
| 4/15/2012 | 11:10:31 | 21.17 | 0.532 | 18.69 | 10.762 | 5.56 | 70.2 | -320 | 3.2 | 0.29 |
| 4/15/2012 | 11:15:31 | 21.17 | 0.532 | 18.69 | 10.765 | 5.56 | 70.2 | -321 | 3.2 | 0.29 |
| 4/15/2012 | 11:20:31 | 21.17 | 0.532 | 18.69 | 10.767 | 5.56 | 70.2 | -321 | 3.2 | 0.29 |
| 4/15/2012 | 11:25:32 | 21.17 | 0.531 | 18.69 | 10.767 | 5.56 | 70.2 | -322 | 3.2 | 0.29 |
| 4/15/2012 | 11:30:31 | 21.19 | 0.531 | 18.69 | 10.764 | 5.56 | 70.2 | -323 | 3.2 | 0.29 |
| 4/15/2012 | 11:35:31 | 21.2 | 0.53 | 18.69 | 10.764 | 5.56 | 70.2 | -323 | 3.2 | 0.29 |
| 4/15/2012 | 11:40:31 | 21.2 | 0.53 | 18.69 | 10.762 | 5.56 | 70.2 | -323 | 3.2 | 0.29 |
| 4/15/2012 | 11:45:31 | 21.19 | 0.531 | 18.69 | 10.761 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 11:50:31 | 21.19 | 0.531 | 18.69 | 10.763 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 11:55:31 | 21.2 | 0.531 | 18.69 | 10.763 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:00:31 | 21.2 | 0.53 | 18.68 | 10.761 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:05:31 | 21.2 | 0.53 | 18.69 | 10.762 | 5.56 | 70.2 | -325 | 3.2 | 0.29 |
| 4/15/2012 | 12:10:31 | 21.2 | 0.53 | 18.69 | 10.762 | 5.56 | 70.2 | -325 | 3.2 | 0.29 |
| 4/15/2012 | 12:15:31 | 21.19 | 0.531 | 18.69 | 10.762 | 5.56 | 70.2 | -325 | 3.2 | 0.29 |
| 4/15/2012 | 12:20:31 | 21.2 | 0.531 | 18.68 | 10.76 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:25:31 | 21.19 | 0.531 | 18.68 | 10.76 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:30:31 | 21.19 | 0.531 | 18.69 | 10.762 | 5.56 | 70.2 | -323 | 3.2 | 0.29 |
| 4/15/2012 | 12:35:31 | 21.19 | 0.531 | 18.69 | 10.763 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:40:31 | 21.19 | 0.531 | 18.69 | 10.763 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:45:31 | 21.19 | 0.531 | 18.69 | 10.765 | 5.56 | 70.2 | -324 | 3.2 | 0.29 |
| 4/15/2012 | 12:50:31 | 21.19 | 0.531 | 18.68 | 10.761 | 5.56 | 70.2 | -325 | 3.2 | 0.29 |
| 4/15/2012 | 12:55:31 | 21.18 | 0.531 | 18.68 | 10.761 | 5.56 | 70.2 | -326 | 3.2 | 0.29 |
| 4/15/2012 | 13:00:31 | 21.13 | 0.53 | 18.68 | 10.752 | 5.56 | 70.3 | -326 | 3.2 | 0.29 |
| 4/15/2012 | 13:05:31 | 21.15 | 0.531 | 18.68 | 10.757 | 5.56 | 70.3 | -327 | 3.2 | 0.29 |
| 4/15/2012 | 13:10:31 | 21.16 | 0.53 | 18.68 | 10.758 | 5.56 | 70.3 | -327 | 3.2 | 0.29 |
| 4/15/2012 | 13:15:31 | 21.17 | 0.531 | 18.68 | 10.759 | 5.56 | 70.3 | -327 | 3.2 | 0.29 |
| 4/15/2012 | 13:20:31 | 21.17 | 0.531 | 18.68 | 10.759 | 5.56 | 70.3 | -327 | 3.2 | 0.29 |
| 4/15/2012 | 13:25:31 | 21.17 | 0.531 | 18.68 | 10.758 | 5.56 | 70.3 | -327 | 3.2 | 0.29 |
| 4/15/2012 | 13:30:31 | 21.2 | 0.53 | 18.68 | 10.758 | 5.56 | 70.3 | -327 | 3.2 | 0.29 |
| 4/15/2012 | 13:35:31 | 21.21 | 0.53 | 18.68 | 10.757 | 5.56 | 70.2 | -328 | 3.2 | 0.29 |
| 4/15/2012 | 13:40:32 | 21.19 | 0.53 | 18.68 | 10.761 | 5.56 | 70.3 | -328 | 3.2 | 0.29 |
| 4/15/2012 | 13:45:31 | 21.19 | 0.531 | 18.68 | 10.76 | 5.56 | 70.3 | -328 | 3.2 | 0.29 |
| 4/15/2012 | 13:50:31 | 21.2 | 0.53 | 18.68 | 10.761 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 13:55:31 | 21.16 | 0.529 | 18.68 | 10.761 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:00:31 | 21.15 | 0.53 | 18.68 | 10.759 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:05:31 | 21.17 | 0.531 | 18.68 | 10.759 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:10:31 | 21.19 | 0.53 | 18.68 | 10.757 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:15:31 | 21.2 | 0.53 | 18.68 | 10.754 | 5.56 | 70.3 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 14:20:31 | 21.2 | 0.53 | 18.68 | 10.754 | 5.56 | 70.3 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 14:25:31 | 21.2 | 0.53 | 18.68 | 10.752 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:30:31 | 21.2 | 0.531 | 18.68 | 10.752 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:35:31 | 21.19 | 0.531 | 18.68 | 10.75 | 5.56 | 70.3 | -329 | 3.2 | 0.29 |
| 4/15/2012 | 14:40:31 | 21.19 | 0.531 | 18.68 | 10.747 | 5.56 | 70.3 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 14:45:31 | 21.19 | 0.531 | 18.68 | 10.75 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 14:50:31 | 21.18 | 0.531 | 18.68 | 10.75 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 14:55:31 | 21.19 | 0.531 | 18.68 | 10.751 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:00:32 | 21.15 | 0.53 | 18.68 | 10.746 | 5.56 | 70.3 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 15:05:32 | 21.15 | 0.53 | 18.68 | 10.748 | 5.56 | 70.3 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 15:10:31 | 21.17 | 0.53 | 18.68 | 10.749 | 5.56 | 70.3 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 15:15:31 | 21.19 | 0.53 | 18.68 | 10.75 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:20:31 | 21.17 | 0.53 | 18.68 | 10.745 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:25:31 | 21.12 | 0.53 | 18.67 | 10.737 | 5.56 | 70.4 | -330 | 3.2 | 0.29 |
| 4/15/2012 | 15:30:31 | 21.15 | 0.53 | 18.68 | 10.744 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:35:31 | 21.2 | 0.529 | 18.68 | 10.741 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:40:31 | 21.16 | 0.53 | 18.68 | 10.743 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:45:31 | 21.16 | 0.53 | 18.68 | 10.744 | 5.56 | 70.4 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:50:31 | 21.19 | 0.53 | 18.68 | 10.742 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 15:55:31 | 21.21 | 0.529 | 18.68 | 10.74 | 5.56 | 70.3 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 16:00:31 | 21.2 | 0.53 | 18.68 | 10.739 | 5.56 | 70.3 | -332 | 3.2 | 0.29 |
| 4/15/2012 | 16:05:32 | 21.15 | 0.529 | 18.67 | 10.738 | 5.56 | 70.3 | -332 | 3.2 | 0.29 |
| 4/15/2012 | 16:10:31 | 21.2 | 0.529 | 18.67 | 10.735 | 5.56 | 70.4 | -331 | 3.2 | 0.29 |
| 4/15/2012 | 16:15:31 | 21.2 | 0.53 | 18.67 | 10.737 | 5.56 | 70.3 | -332 | 3.2 | 0.29 |
| 4/15/2012 | 16:20:31 | 21.17 | 0.53 | 18.67 | 10.738 | 5.56 | 70.3 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:25:31 | 21.21 | 0.53 | 18.67 | 10.737 | 5.56 | 70.3 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:30:31 | 21.21 | 0.529 | 18.67 | 10.734 | 5.56 | 70.4 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:35:31 | 21.2 | 0.53 | 18.67 | 10.734 | 5.56 | 70.3 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:40:31 | 21.21 | 0.529 | 18.67 | 10.735 | 5.56 | 70.3 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:45:31 | 21.22 | 0.529 | 18.67 | 10.732 | 5.56 | 70.4 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:50:31 | 21.22 | 0.529 | 18.67 | 10.732 | 5.56 | 70.3 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 16:55:31 | 21.21 | 0.528 | 18.67 | 10.731 | 5.56 | 70.3 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:00:31 | 21.2 | 0.529 | 18.67 | 10.734 | 5.56 | 70.4 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:05:31 | 21.2 | 0.53 | 18.67 | 10.733 | 5.56 | 70.3 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:10:31 | 21.19 | 0.53 | 18.67 | 10.732 | 5.56 | 70.3 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:15:31 | 21.19 | 0.53 | 18.67 | 10.731 | 5.56 | 70.3 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:20:31 | 21.19 | 0.53 | 18.67 | 10.731 | 5.56 | 70.3 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:25:31 | 21.18 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 17:30:31 | 21.16 | 0.529 | 18.67 | 10.727 | 5.56 | 70.4 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 17:35:31 | 21.18 | 0.529 | 18.67 | 10.732 | 5.56 | 70.4 | -333 | 3.2 | 0.29 |
| 4/15/2012 | 17:40:31 | 21.19 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:45:31 | 21.19 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -334 | 3.2 | 0.29 |
| 4/15/2012 | 17:50:31 | 21.2 | 0.529 | 18.67 | 10.727 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 17:55:31 | 21.2 | 0.529 | 18.67 | 10.726 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:00:31 | 21.2 | 0.529 | 18.67 | 10.728 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:05:31 | 21.2 | 0.529 | 18.67 | 10.725 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:10:31 | 21.19 | 0.529 | 18.67 | 10.725 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:15:31 | 21.19 | 0.53 | 18.67 | 10.729 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 18:20:31 | 21.16 | 0.529 | 18.67 | 10.726 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:25:31 | 21.17 | 0.529 | 18.67 | 10.728 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:30:31 | 21.19 | 0.529 | 18.67 | 10.728 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:35:31 | 21.19 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:40:31 | 21.19 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 18:45:31 | 21.18 | 0.529 | 18.67 | 10.729 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 18:50:31 | 21.18 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -335 | 3.2 | 0.29 |
| 4/15/2012 | 18:55:31 | 21.21 | 0.528 | 18.67 | 10.731 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:00:31 | 21.21 | 0.528 | 18.67 | 10.729 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:05:31 | 21.19 | 0.529 | 18.67 | 10.73 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:10:31 | 21.19 | 0.529 | 18.67 | 10.729 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:15:31 | 21.18 | 0.529 | 18.67 | 10.725 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 19:20:31 | 21.2 | 0.528 | 18.67 | 10.727 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 19:25:31 | 21.18 | 0.529 | 18.67 | 10.725 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 19:30:31 | 21.17 | 0.528 | 18.67 | 10.724 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:35:31 | 21.16 | 0.528 | 18.67 | 10.722 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:40:31 | 21.18 | 0.528 | 18.67 | 10.724 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 19:45:31 | 21.2 | 0.528 | 18.67 | 10.724 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 19:50:31 | 21.2 | 0.528 | 18.67 | 10.727 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 19:55:31 | 21.21 | 0.528 | 18.67 | 10.734 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:00:31 | 21.19 | 0.528 | 18.67 | 10.727 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:05:31 | 21.18 | 0.528 | 18.67 | 10.727 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:10:31 | 21.18 | 0.529 | 18.67 | 10.727 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:15:31 | 21.17 | 0.529 | 18.67 | 10.728 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:20:31 | 21.18 | 0.528 | 18.67 | 10.726 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:25:31 | 21.16 | 0.528 | 18.66 | 10.714 | 5.56 | 70.5 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 20:30:31 | 21.17 | 0.528 | 18.67 | 10.724 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:35:31 | 21.17 | 0.528 | 18.67 | 10.724 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:40:31 | 21.18 | 0.528 | 18.67 | 10.723 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:45:31 | 21.18 | 0.528 | 18.67 | 10.722 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:50:31 | 21.16 | 0.527 | 18.67 | 10.723 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 20:55:31 | 21.14 | 0.528 | 18.67 | 10.724 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 21:00:31 | 21.18 | 0.527 | 18.67 | 10.723 | 5.56 | 70.4 | -336 | 3.2 | 0.29 |
| 4/15/2012 | 21:05:31 | 21.18 | 0.527 | 18.67 | 10.722 | 5.56 | 70.4 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 21:10:31 | 21.19 | 0.527 | 18.67 | 10.721 | 5.56 | 70.4 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 21:15:31 | 21.2 | 0.528 | 18.67 | 10.722 | 5.56 | 70.4 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 21:20:32 | 21.21 | 0.528 | 18.67 | 10.72 | 5.56 | 70.4 | -339 | 3.2 | 0.29 |
| 4/15/2012 | 21:25:31 | 21.21 | 0.528 | 18.67 | 10.723 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 21:30:31 | 21.22 | 0.527 | 18.67 | 10.721 | 5.56 | 70.4 | -339 | 3.2 | 0.29 |
| 4/15/2012 | 21:35:31 | 21.21 | 0.526 | 18.67 | 10.722 | 5.56 | 70.5 | -339 | 3.2 | 0.29 |
| 4/15/2012 | 21:40:31 | 21.2 | 0.527 | 18.67 | 10.72 | 5.56 | 70.5 | -339 | 3.2 | 0.29 |
| 4/15/2012 | 21:45:31 | 21.2 | 0.528 | 18.67 | 10.72 | 5.56 | 70.5 | -339 | 3.2 | 0.29 |
| 4/15/2012 | 21:50:31 | 21.19 | 0.528 | 18.67 | 10.719 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 21:55:31 | 21.18 | 0.528 | 18.67 | 10.719 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:00:31 | 21.19 | 0.528 | 18.67 | 10.716 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:05:32 | 21.19 | 0.528 | 18.67 | 10.717 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:10:31 | 21.19 | 0.528 | 18.67 | 10.715 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:15:31 | 21.19 | 0.528 | 18.66 | 10.714 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:20:31 | 21.19 | 0.528 | 18.67 | 10.716 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:25:31 | 21.19 | 0.528 | 18.66 | 10.713 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:30:31 | 21.18 | 0.528 | 18.66 | 10.714 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:35:31 | 21.18 | 0.528 | 18.66 | 10.714 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:40:31 | 21.19 | 0.528 | 18.66 | 10.713 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:45:31 | 21.19 | 0.528 | 18.66 | 10.714 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:50:31 | 21.19 | 0.528 | 18.66 | 10.713 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 22:55:31 | 21.19 | 0.528 | 18.66 | 10.712 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 23:00:31 | 21.19 | 0.528 | 18.66 | 10.709 | 5.56 | 70.5 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 23:05:31 | 21.19 | 0.528 | 18.66 | 10.709 | 5.56 | 70.6 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 23:10:31 | 21.18 | 0.528 | 18.66 | 10.709 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:15:31 | 21.19 | 0.528 | 18.66 | 10.702 | 5.56 | 70.5 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:20:31 | 21.19 | 0.528 | 18.66 | 10.705 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:25:31 | 21.18 | 0.528 | 18.66 | 10.705 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:30:31 | 21.18 | 0.528 | 18.66 | 10.704 | 5.56 | 70.6 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 23:35:31 | 21.18 | 0.528 | 18.66 | 10.703 | 5.56 | 70.6 | -337 | 3.2 | 0.29 |
| 4/15/2012 | 23:40:31 | 21.19 | 0.528 | 18.66 | 10.703 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:45:31 | 21.19 | 0.528 | 18.66 | 10.701 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:50:31 | 21.18 | 0.528 | 18.66 | 10.701 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/15/2012 | 23:55:31 | 21.18 | 0.528 | 18.66 | 10.701 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 0:00:31 | 21.18 | 0.528 | 18.66 | 10.703 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/16/2012 | 0:05:31 | 21.18 | 0.528 | 18.66 | 10.702 | 5.56 | 70.6 | -339 | 3.2 | 0.29 |
| 4/16/2012 | 0:10:31 | 21.17 | 0.526 | 18.66 | 10.693 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/16/2012 | 0:15:31 | 21.14 | 0.527 | 18.66 | 10.698 | 5.56 | 70.6 | -338 | 3.2 | 0.29 |
| 4/16/2012 | 0:20:31 | 21.16 | 0.527 | 18.66 | 10.699 | 5.56 | 70.6 | -340 | 3.2 | 0.29 |
| 4/16/2012 | 0:25:31 | 21.2 | 0.527 | 18.66 | 10.698 | 5.56 | 70.6 | -340 | 3.2 | 0.29 |
| 4/16/2012 | 0:30:31 | 21.19 | 0.527 | 18.66 | 10.698 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 0:35:31 | 21.2 | 0.527 | 18.66 | 10.697 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 0:40:31 | 21.16 | 0.526 | 18.66 | 10.694 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 0:45:31 | 21.15 | 0.527 | 18.66 | 10.695 | 5.56 | 70.6 | -340 | 3.2 | 0.29 |
| 4/16/2012 | 0:50:31 | 21.14 | 0.527 | 18.65 | 10.69 | 5.56 | 70.6 | -340 | 3.2 | 0.29 |
| 4/16/2012 | 0:55:31 | 21.17 | 0.527 | 18.65 | 10.692 | 5.56 | 70.6 | -340 | 3.2 | 0.29 |
| 4/16/2012 | 1:00:31 | 21.18 | 0.527 | 18.66 | 10.695 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:05:31 | 21.2 | 0.527 | 18.66 | 10.694 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:10:31 | 21.2 | 0.527 | 18.66 | 10.693 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:15:31 | 21.19 | 0.526 | 18.65 | 10.689 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:20:31 | 21.17 | 0.527 | 18.66 | 10.692 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:25:31 | 21.17 | 0.527 | 18.65 | 10.69 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:30:31 | 21.19 | 0.526 | 18.65 | 10.691 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:35:31 | 21.17 | 0.526 | 18.65 | 10.689 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 1:40:31 | 21.19 | 0.527 | 18.65 | 10.689 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 1:45:31 | 21.21 | 0.527 | 18.65 | 10.688 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 1:50:31 | 21.22 | 0.527 | 18.65 | 10.689 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 1:55:31 | 21.18 | 0.527 | 18.65 | 10.688 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 2:00:31 | 21.19 | 0.527 | 18.65 | 10.684 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 2:05:31 | 21.2 | 0.527 | 18.65 | 10.686 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 2:10:31 | 21.21 | 0.527 | 18.65 | 10.683 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 2:15:31 | 21.21 | 0.527 | 18.65 | 10.684 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 2:20:31 | 21.22 | 0.527 | 18.65 | 10.684 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 2:25:31 | 21.21 | 0.527 | 18.65 | 10.683 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 2:30:31 | 21.2 | 0.527 | 18.65 | 10.683 | 5.56 | 70.6 | -342 | 3.2 | 0.28 |
| 4/16/2012 | 2:35:31 | 21.21 | 0.528 | 18.65 | 10.682 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
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| 4/16/2012 | 2:45:31 | 21.15 | 0.526 | 18.65 | 10.681 | 5.55 | 70.7 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 2:50:31 | 21.16 | 0.526 | 18.65 | 10.677 | 5.55 | 70.7 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 2:55:31 | 21.13 | 0.527 | 18.65 | 10.679 | 5.55 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 3:00:31 | 21.18 | 0.527 | 18.65 | 10.676 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 3:05:31 | 21.19 | 0.527 | 18.65 | 10.676 | 5.55 | 70.7 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 3:10:31 | 21.17 | 0.526 | 18.65 | 10.676 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 3:15:31 | 21.17 | 0.527 | 18.65 | 10.675 | 5.55 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 3:20:31 | 21.19 | 0.526 | 18.65 | 10.67 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 3:25:31 | 21.2 | 0.526 | 18.64 | 10.667 | 5.56 | 70.6 | -341 | 3.2 | 0.29 |
| 4/16/2012 | 3:30:31 | 21.21 | 0.526 | 18.65 | 10.669 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 3:35:31 | 21.21 | 0.526 | 18.65 | 10.669 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 3:40:31 | 21.21 | 0.526 | 18.65 | 10.669 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 3:45:31 | 21.21 | 0.526 | 18.65 | 10.669 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 3:50:31 | 21.17 | 0.526 | 18.64 | 10.667 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 3:55:31 | 21.18 | 0.527 | 18.65 | 10.669 | 5.55 | 70.6 | -342 | 3.2 | 0.29 |
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| 4/16/2012 | 4:05:31 | 21.18 | 0.527 | 18.64 | 10.666 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
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| 4/16/2012 | 4:15:31 | 21.18 | 0.527 | 18.64 | 10.667 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 4:20:31 | 21.21 | 0.527 | 18.64 | 10.666 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 4:25:31 | 21.21 | 0.526 | 18.64 | 10.665 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 4:30:31 | 21.2 | 0.526 | 18.64 | 10.664 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |

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| 4/16/2012 | 4:35:31 | 21.2 | 0.527 | 18.64 | 10.667 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 4:40:31 | 21.18 | 0.525 | 18.64 | 10.665 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 4:45:31 | 21.15 | 0.526 | 18.64 | 10.665 | 5.55 | 70.7 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 4:50:31 | 21.18 | 0.527 | 18.64 | 10.665 | 5.55 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 4:55:31 | 21.19 | 0.527 | 18.64 | 10.664 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 5:00:31 | 21.2 | 0.527 | 18.64 | 10.665 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 5:05:31 | 21.2 | 0.527 | 18.64 | 10.666 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 5:10:31 | 21.2 | 0.527 | 18.64 | 10.667 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 5:15:31 | 21.2 | 0.527 | 18.64 | 10.667 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 5:20:31 | 21.19 | 0.527 | 18.64 | 10.665 | 5.56 | 70.6 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 5:25:31 | 21.19 | 0.527 | 18.64 | 10.665 | 5.55 | 70.7 | -343 | 3.2 | 0.29 |
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| 4/16/2012 | 5:35:31 | 21.18 | 0.527 | 18.64 | 10.663 | 5.55 | 70.7 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 5:40:31 | 21.19 | 0.527 | 18.64 | 10.665 | 5.55 | 70.6 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 5:45:31 | 21.19 | 0.527 | 18.64 | 10.666 | 5.56 | 70.6 | -343 | 3.2 | 0.29 |
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| 4/16/2012 | 5:55:31 | 21.19 | 0.527 | 18.64 | 10.663 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 6:00:31 | 21.19 | 0.527 | 18.64 | 10.664 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 6:05:31 | 21.19 | 0.527 | 18.64 | 10.663 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 6:10:31 | 21.19 | 0.527 | 18.64 | 10.663 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 6:15:31 | 21.19 | 0.526 | 18.64 | 10.662 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
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| 4/16/2012 | 6:50:31 | 21.19 | 0.526 | 18.65 | 10.672 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 6:55:31 | 21.18 | 0.527 | 18.65 | 10.677 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
| 4/16/2012 | 7:00:31 | 21.18 | 0.526 | 18.65 | 10.677 | 5.55 | 70.7 | -342 | 3.2 | 0.29 |
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| 4/16/2012 | 8:05:31 | 21.19 | 0.526 | 18.65 | 10.689 | 5.55 | 70.7 | -343 | 3.2 | 0.29 |
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| 4/16/2012 | 8:30:32 | 21.19 | 0.526 | 18.65 | 10.686 | 5.55 | 70.8 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 8:35:31 | 21.19 | 0.526 | 18.65 | 10.687 | 5.55 | 70.7 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 8:40:31 | 21.19 | 0.526 | 18.65 | 10.687 | 5.55 | 70.8 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 8:45:31 | 21.19 | 0.526 | 18.65 | 10.689 | 5.55 | 70.8 | -343 | 3.2 | 0.29 |
| 4/16/2012 | 8:50:31 | 21.19 | 0.526 | 18.65 | 10.687 | 5.55 | 70.8 | -344 | 3.2 | 0.29 |
| 4/16/2012 | 8:55:31 | 21.19 | 0.526 | 18.65 | 10.689 | 5.55 | 70.8 | -344 | 3.2 | 0.29 |
| 4/16/2012 | 9:00:31 | 21.19 | 0.526 | 18.65 | 10.69 | 5.55 | 70.8 | -344 | 3.2 | 0.29 |
| 4/16/2012 | 9:05:31 | 21.19 | 0.526 | 18.65 | 10.69 | 5.55 | 70.8 | -344 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 9:10:31 | 21.18 | 0.525 | 18.65 | 10.688 | 5.55 | 70.8 | -344 | 3.2 | 0.29 |
| 4/16/2012 | 9:15:31 | 21.18 | 0.525 | 18.65 | 10.687 | 5.55 | 70.8 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 9:20:31 | 21.18 | 0.526 | 18.65 | 10.687 | 5.55 | 70.8 | -345 | 3.2 | 0.28 |
| 4/16/2012 | 9:25:31 | 21.18 | 0.526 | 18.65 | 10.689 | 5.55 | 70.8 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 9:30:32 | 21.19 | 0.525 | 18.65 | 10.688 | 5.55 | 70.8 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 9:35:31 | 21.2 | 0.525 | 18.65 | 10.691 | 5.55 | 70.8 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 9:40:31 | 21.2 | 0.524 | 18.65 | 10.689 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 9:45:31 | 21.16 | 0.524 | 18.65 | 10.687 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 9:50:31 | 21.15 | 0.525 | 18.65 | 10.688 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 9:55:31 | 21.19 | 0.525 | 18.65 | 10.689 | 5.55 | 70.8 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 10:00:31 | 21.2 | 0.525 | 18.65 | 10.69 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 10:05:31 | 21.2 | 0.525 | 18.66 | 10.692 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 10:10:31 | 21.2 | 0.525 | 18.66 | 10.695 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
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| 4/16/2012 | 10:25:32 | 21.2 | 0.525 | 18.66 | 10.699 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
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| 4/16/2012 | 10:35:31 | 21.19 | 0.526 | 18.66 | 10.7 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
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| 4/16/2012 | 10:45:31 | 21.19 | 0.526 | 18.66 | 10.703 | 5.55 | 70.8 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 10:50:31 | 21.19 | 0.526 | 18.66 | 10.7 | 5.55 | 70.8 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 10:55:31 | 21.19 | 0.526 | 18.66 | 10.7 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 11:00:31 | 21.17 | 0.525 | 18.66 | 10.695 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 11:05:31 | 21.16 | 0.526 | 18.66 | 10.696 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 11:10:31 | 21.19 | 0.525 | 18.65 | 10.685 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 11:15:31 | 21.2 | 0.525 | 18.65 | 10.687 | 5.55 | 70.8 | -345 | 3.2 | 0.28 |
| 4/16/2012 | 11:20:31 | 21.2 | 0.525 | 18.65 | 10.686 | 5.55 | 70.8 | -345 | 3.2 | 0.28 |
| 4/16/2012 | 11:25:31 | 21.21 | 0.525 | 18.65 | 10.686 | 5.55 | 70.9 | -344 | 3.2 | 0.29 |
| 4/16/2012 | 11:30:31 | 21.21 | 0.525 | 18.65 | 10.688 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 11:35:32 | 21.21 | 0.525 | 18.65 | 10.688 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 11:40:31 | 21.21 | 0.525 | 18.65 | 10.687 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 11:45:31 | 21.2 | 0.525 | 18.65 | 10.687 | 5.55 | 70.8 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 11:50:31 | 21.19 | 0.526 | 18.65 | 10.685 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 11:55:31 | 21.19 | 0.526 | 18.65 | 10.684 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:00:31 | 21.19 | 0.526 | 18.65 | 10.683 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 12:05:31 | 21.19 | 0.525 | 18.65 | 10.683 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 12:10:31 | 21.19 | 0.526 | 18.65 | 10.68 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 12:15:31 | 21.15 | 0.525 | 18.65 | 10.67 | 5.55 | 70.9 | -344 | 3.2 | 0.29 |
| 4/16/2012 | 12:20:31 | 21.17 | 0.525 | 18.65 | 10.68 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:25:31 | 21.19 | 0.525 | 18.65 | 10.68 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:30:31 | 21.19 | 0.525 | 18.65 | 10.681 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:35:31 | 21.19 | 0.525 | 18.65 | 10.679 | 5.55 | 70.9 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 12:40:32 | 21.2 | 0.525 | 18.65 | 10.679 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:45:31 | 21.2 | 0.524 | 18.65 | 10.678 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:50:31 | 21.2 | 0.525 | 18.65 | 10.68 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 12:55:31 | 21.2 | 0.525 | 18.65 | 10.68 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 13:00:31 | 21.21 | 0.525 | 18.65 | 10.677 | 5.55 | 70.9 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 13:05:31 | 21.21 | 0.524 | 18.65 | 10.675 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 13:10:31 | 21.21 | 0.524 | 18.65 | 10.675 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 13:15:31 | 21.2 | 0.524 | 18.65 | 10.674 | 5.55 | 70.9 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 13:20:31 | 21.2 | 0.525 | 18.65 | 10.673 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
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| 4/16/2012 | 13:30:31 | 21.18 | 0.525 | 18.65 | 10.67 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 13:35:31 | 21.16 | 0.525 | 18.65 | 10.672 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 13:45:31 | 21.2 | 0.525 | 18.65 | 10.672 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 13:50:31 | 21.21 | 0.525 | 18.65 | 10.671 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
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| 4/16/2012 | 14:00:31 | 21.21 | 0.525 | 18.65 | 10.671 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 14:05:31 | 21.2 | 0.525 | 18.65 | 10.672 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 14:10:31 | 21.2 | 0.525 | 18.65 | 10.671 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 14:15:31 | 21.19 | 0.525 | 18.65 | 10.67 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
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| 4/16/2012 | 14:25:31 | 21.19 | 0.525 | 18.65 | 10.671 | 5.55 | 70.9 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 14:30:31 | 21.19 | 0.525 | 18.64 | 10.668 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 14:35:31 | 21.19 | 0.525 | 18.65 | 10.669 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
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| 4/16/2012 | 14:50:31 | 21.19 | 0.525 | 18.64 | 10.667 | 5.55 | 70.9 | -345 | 3.2 | 0.29 |
| 4/16/2012 | 14:55:31 | 21.19 | 0.525 | 18.64 | 10.665 | 5.55 | 70.9 | -345 | 3.2 | 0.28 |
| 4/16/2012 | 15:00:31 | 21.16 | 0.525 | 18.64 | 10.662 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 15:05:31 | 21.17 | 0.525 | 18.64 | 10.659 | 5.55 | 71 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 15:10:31 | 21.17 | 0.525 | 18.64 | 10.661 | 5.55 | 70.9 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 15:15:31 | 21.18 | 0.525 | 18.64 | 10.658 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:20:31 | 21.17 | 0.525 | 18.64 | 10.654 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:25:31 | 21.19 | 0.525 | 18.64 | 10.653 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:30:31 | 21.2 | 0.524 | 18.64 | 10.652 | 5.55 | 70.9 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 15:35:31 | 21.2 | 0.524 | 18.64 | 10.651 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:40:31 | 21.2 | 0.524 | 18.64 | 10.651 | 5.55 | 70.9 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:45:31 | 21.2 | 0.524 | 18.64 | 10.652 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:50:31 | 21.2 | 0.524 | 18.64 | 10.652 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 15:55:31 | 21.2 | 0.524 | 18.64 | 10.649 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 16:00:31 | 21.2 | 0.525 | 18.64 | 10.648 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 16:05:31 | 21.19 | 0.525 | 18.63 | 10.646 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 16:10:31 | 21.19 | 0.525 | 18.64 | 10.647 | 5.55 | 70.9 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 16:15:31 | 21.2 | 0.525 | 18.64 | 10.647 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 16:20:31 | 21.2 | 0.525 | 18.63 | 10.644 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 16:25:31 | 21.2 | 0.525 | 18.64 | 10.646 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 16:30:31 | 21.19 | 0.525 | 18.63 | 10.644 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 16:35:31 | 21.19 | 0.525 | 18.63 | 10.643 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 16:40:31 | 21.19 | 0.525 | 18.63 | 10.644 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 16:45:31 | 21.19 | 0.525 | 18.63 | 10.639 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 16:50:31 | 21.19 | 0.525 | 18.63 | 10.639 | 5.55 | 71 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 16:55:31 | 21.24 | 0.523 | 18.63 | 10.636 | 5.55 | 71 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 17:00:31 | 21.17 | 0.525 | 18.63 | 10.637 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 17:05:31 | 21.2 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 17:10:31 | 21.19 | 0.525 | 18.63 | 10.637 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 17:15:31 | 21.18 | 0.525 | 18.63 | 10.64 | 5.55 | 71 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 17:20:31 | 21.21 | 0.525 | 18.63 | 10.639 | 5.55 | 71 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 17:25:31 | 21.22 | 0.524 | 18.63 | 10.637 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 17:30:31 | 21.22 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -346 | 3.2 | 0.28 |
| 4/16/2012 | 17:35:31 | 21.19 | 0.524 | 18.63 | 10.638 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 17:40:31 | 21.17 | 0.525 | 18.63 | 10.637 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 17:45:31 | 21.19 | 0.525 | 18.63 | 10.638 | 5.55 | 71 | -346 | 3.2 | 0.29 |
| 4/16/2012 | 17:50:31 | 21.17 | 0.524 | 18.63 | 10.636 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 17:55:31 | 21.19 | 0.525 | 18.63 | 10.64 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 18:00:31 | 21.18 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 18:05:31 | 21.18 | 0.525 | 18.63 | 10.638 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 18:10:31 | 21.18 | 0.525 | 18.63 | 10.625 | 5.55 | 71.1 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 18:15:31 | 21.18 | 0.525 | 18.63 | 10.637 | 5.55 | 71.1 | -347 | 3.2 | 0.28 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 18:20:31 | 21.19 | 0.525 | 18.63 | 10.64 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 18:25:31 | 21.2 | 0.525 | 18.63 | 10.639 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 18:30:31 | 21.16 | 0.524 | 18.63 | 10.633 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 18:35:31 | 21.18 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 18:40:31 | 21.19 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 18:45:31 | 21.2 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -347 | 3.2 | 0.28 |
| 4/16/2012 | 18:50:31 | 21.2 | 0.525 | 18.63 | 10.632 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 18:55:31 | 21.19 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:00:31 | 21.2 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 19:05:31 | 21.22 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:10:31 | 21.22 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:15:31 | 21.2 | 0.525 | 18.63 | 10.635 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:20:31 | 21.2 | 0.525 | 18.63 | 10.642 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:25:31 | 21.21 | 0.525 | 18.64 | 10.649 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:30:31 | 21.21 | 0.525 | 18.63 | 10.639 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 19:35:31 | 21.2 | 0.525 | 18.63 | 10.631 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 19:40:31 | 21.24 | 0.525 | 18.63 | 10.628 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:45:31 | 21.19 | 0.524 | 18.63 | 10.637 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 19:50:31 | 21.19 | 0.525 | 18.63 | 10.638 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 19:55:31 | 21.19 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 20:00:31 | 21.17 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 20:05:31 | 21.17 | 0.524 | 18.63 | 10.632 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 20:10:31 | 21.17 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 20:15:31 | 21.18 | 0.525 | 18.63 | 10.634 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 20:20:31 | 21.2 | 0.524 | 18.63 | 10.637 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 20:25:31 | 21.21 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 20:30:31 | 21.21 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 20:35:31 | 21.21 | 0.524 | 18.63 | 10.637 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 20:40:31 | 21.22 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 20:45:31 | 21.22 | 0.524 | 18.63 | 10.636 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 20:50:31 | 21.22 | 0.524 | 18.63 | 10.632 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 20:55:31 | 21.22 | 0.525 | 18.63 | 10.632 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:00:31 | 21.22 | 0.525 | 18.63 | 10.633 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 21:05:31 | 21.22 | 0.525 | 18.63 | 10.636 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:10:31 | 21.21 | 0.525 | 18.63 | 10.635 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:15:31 | 21.22 | 0.525 | 18.63 | 10.635 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:20:31 | 21.22 | 0.524 | 18.63 | 10.632 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:25:31 | 21.23 | 0.524 | 18.63 | 10.633 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 21:30:31 | 21.22 | 0.523 | 18.63 | 10.633 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:35:31 | 21.21 | 0.524 | 18.63 | 10.632 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:40:31 | 21.21 | 0.524 | 18.63 | 10.632 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:45:31 | 21.21 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 21:50:31 | 21.2 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 21:55:31 | 21.21 | 0.524 | 18.63 | 10.634 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 22:00:31 | 21.21 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 22:05:31 | 21.2 | 0.524 | 18.63 | 10.636 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/16/2012 | 22:10:31 | 21.2 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 22:15:31 | 21.2 | 0.524 | 18.63 | 10.635 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 22:20:31 | 21.2 | 0.524 | 18.63 | 10.633 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 22:25:31 | 21.18 | 0.524 | 18.63 | 10.631 | 5.55 | 71.1 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 22:30:31 | 21.2 | 0.524 | 18.63 | 10.631 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 22:35:31 | 21.21 | 0.523 | 18.63 | 10.629 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 22:40:31 | 21.19 | 0.524 | 18.63 | 10.63 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/16/2012 | 22:45:31 | 21.2 | 0.524 | 18.63 | 10.628 | 5.55 | 71 | -348 | 3.2 | 0.28 |
| 4/16/2012 | 22:50:31 | 21.21 | 0.524 | 18.63 | 10.63 | 5.55 | 71 | -349 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 22:55:31 | 21.2 | 0.524 | 18.63 | 10.626 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 23:00:31 | 21.2 | 0.524 | 18.63 | 10.628 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:05:32 | 21.23 | 0.523 | 18.63 | 10.627 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:10:31 | 21.23 | 0.523 | 18.63 | 10.627 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:15:31 | 21.2 | 0.524 | 18.63 | 10.625 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:20:31 | 21.22 | 0.524 | 18.63 | 10.625 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:25:31 | 21.22 | 0.523 | 18.63 | 10.623 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:30:31 | 21.22 | 0.523 | 18.62 | 10.621 | 5.55 | 71 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:35:31 | 21.22 | 0.522 | 18.62 | 10.621 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 23:40:31 | 21.21 | 0.523 | 18.62 | 10.62 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/16/2012 | 23:45:32 | 21.21 | 0.523 | 18.62 | 10.618 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 23:50:31 | 21.21 | 0.524 | 18.62 | 10.614 | 5.55 | 71 | -349 | 3.2 | 0.28 |
| 4/16/2012 | 23:55:32 | 21.2 | 0.524 | 18.62 | 10.615 | 5.55 | 71 | -348 | 3.2 | 0.29 |
| 4/17/2012 | 0:00:31 | 21.2 | 0.524 | 18.62 | 10.612 | 5.55 | 71.1 | -347 | 3.2 | 0.29 |
| 4/17/2012 | 0:05:31 | 21.2 | 0.524 | 18.62 | 10.612 | 5.55 | 71 | -347 | 3.2 | 0.29 |
| 4/17/2012 | 0:10:31 | 21.2 | 0.524 | 18.62 | 10.611 | 5.55 | 71.1 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 0:15:31 | 21.2 | 0.524 | 18.62 | 10.614 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/17/2012 | 0:20:31 | 21.2 | 0.524 | 18.62 | 10.614 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/17/2012 | 0:25:31 | 21.21 | 0.524 | 18.62 | 10.613 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/17/2012 | 0:30:31 | 21.18 | 0.524 | 18.62 | 10.612 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 0:35:31 | 21.2 | 0.524 | 18.62 | 10.61 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 0:40:31 | 21.2 | 0.524 | 18.62 | 10.609 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 0:45:31 | 21.19 | 0.524 | 18.62 | 10.609 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 0:50:31 | 21.19 | 0.524 | 18.62 | 10.607 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 0:55:31 | 21.19 | 0.522 | 18.62 | 10.606 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 1:00:31 | 21.19 | 0.523 | 18.62 | 10.604 | 5.55 | 71.1 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 1:05:31 | 21.16 | 0.523 | 18.62 | 10.604 | 5.55 | 71.1 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 1:10:31 | 21.19 | 0.524 | 18.62 | 10.604 | 5.55 | 71.1 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 1:15:31 | 21.2 | 0.523 | 18.62 | 10.602 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 1:20:31 | 21.21 | 0.523 | 18.62 | 10.603 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 1:25:31 | 21.17 | 0.523 | 18.62 | 10.6 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 1:30:31 | 21.18 | 0.523 | 18.62 | 10.602 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 1:35:31 | 21.17 | 0.523 | 18.62 | 10.6 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 1:40:31 | 21.17 | 0.524 | 18.62 | 10.602 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 1:45:32 | 21.19 | 0.523 | 18.62 | 10.602 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 1:50:31 | 21.21 | 0.523 | 18.61 | 10.599 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 1:55:31 | 21.22 | 0.523 | 18.61 | 10.599 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 2:00:31 | 21.23 | 0.523 | 18.62 | 10.6 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 2:05:31 | 21.23 | 0.523 | 18.61 | 10.599 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/17/2012 | 2:10:31 | 21.22 | 0.523 | 18.61 | 10.599 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 2:15:31 | 21.22 | 0.522 | 18.61 | 10.597 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 2:20:31 | 21.18 | 0.523 | 18.61 | 10.599 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 2:25:31 | 21.19 | 0.523 | 18.61 | 10.596 | 5.55 | 71.1 | -347 | 3.2 | 0.28 |
| 4/17/2012 | 2:30:31 | 21.19 | 0.524 | 18.61 | 10.594 | 5.55 | 71.1 | -348 | 3.2 | 0.29 |
| 4/17/2012 | 2:35:31 | 21.19 | 0.524 | 18.61 | 10.595 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 2:40:31 | 21.21 | 0.523 | 18.61 | 10.596 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 2:45:31 | 21.23 | 0.523 | 18.61 | 10.597 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 2:50:31 | 21.24 | 0.523 | 18.61 | 10.594 | 5.55 | 71.1 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 2:55:31 | 21.23 | 0.523 | 18.61 | 10.596 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 3:00:31 | 21.22 | 0.523 | 18.61 | 10.596 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 3:05:31 | 21.18 | 0.523 | 18.61 | 10.592 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 3:10:31 | 21.19 | 0.523 | 18.61 | 10.594 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 3:15:31 | 21.2 | 0.523 | 18.61 | 10.594 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 3:20:31 | 21.2 | 0.523 | 18.61 | 10.594 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 3:25:31 | 21.2 | 0.524 | 18.61 | 10.592 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 3:30:31 | 21.21 | 0.523 | 18.61 | 10.592 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 3:35:31 | 21.22 | 0.523 | 18.61 | 10.593 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 3:40:31 | 21.21 | 0.523 | 18.61 | 10.591 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 3:45:31 | 21.21 | 0.523 | 18.61 | 10.589 | 5.55 | 71.1 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 3:50:31 | 21.22 | 0.522 | 18.61 | 10.591 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 3:55:31 | 21.21 | 0.522 | 18.61 | 10.592 | 5.55 | 71.2 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 4:00:31 | 21.21 | 0.523 | 18.61 | 10.59 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 4:05:31 | 21.21 | 0.523 | 18.61 | 10.592 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:10:32 | 21.2 | 0.523 | 18.61 | 10.591 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 4:15:31 | 21.18 | 0.522 | 18.61 | 10.593 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 4:20:31 | 21.16 | 0.524 | 18.61 | 10.585 | 5.55 | 71.2 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 4:25:31 | 21.19 | 0.523 | 18.61 | 10.591 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:30:31 | 21.19 | 0.524 | 18.61 | 10.591 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:35:31 | 21.2 | 0.524 | 18.61 | 10.59 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:40:31 | 21.21 | 0.524 | 18.61 | 10.592 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:45:31 | 21.22 | 0.523 | 18.61 | 10.59 | 5.55 | 71.1 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:50:31 | 21.22 | 0.523 | 18.61 | 10.588 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 4:55:31 | 21.21 | 0.523 | 18.61 | 10.59 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 5:00:31 | 21.25 | 0.523 | 18.61 | 10.589 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 5:05:31 | 21.24 | 0.523 | 18.61 | 10.589 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 5:10:31 | 21.24 | 0.524 | 18.61 | 10.589 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 5:15:31 | 21.24 | 0.524 | 18.61 | 10.59 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 5:20:31 | 21.22 | 0.524 | 18.61 | 10.59 | 5.55 | 71.1 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 5:25:31 | 21.21 | 0.524 | 18.61 | 10.591 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 5:30:31 | 21.21 | 0.524 | 18.61 | 10.591 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 5:35:31 | 21.2 | 0.524 | 18.61 | 10.593 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 5:40:31 | 21.21 | 0.524 | 18.61 | 10.593 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 5:45:31 | 21.23 | 0.524 | 18.61 | 10.594 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 5:50:31 | 21.23 | 0.523 | 18.61 | 10.591 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 5:55:31 | 21.23 | 0.523 | 18.61 | 10.589 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:00:31 | 21.22 | 0.523 | 18.61 | 10.587 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:05:31 | 21.19 | 0.523 | 18.61 | 10.588 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 6:10:31 | 21.17 | 0.523 | 18.61 | 10.587 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 6:15:31 | 21.17 | 0.523 | 18.61 | 10.589 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:20:31 | 21.16 | 0.524 | 18.61 | 10.59 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 6:25:31 | 21.18 | 0.524 | 18.61 | 10.589 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:30:31 | 21.2 | 0.524 | 18.61 | 10.591 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:35:31 | 21.22 | 0.523 | 18.61 | 10.591 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:40:31 | 21.23 | 0.523 | 18.61 | 10.594 | 5.55 | 71.1 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 6:45:31 | 21.23 | 0.523 | 18.61 | 10.597 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 6:50:31 | 21.23 | 0.522 | 18.62 | 10.6 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 6:55:31 | 21.22 | 0.523 | 18.62 | 10.602 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 7:00:31 | 21.22 | 0.523 | 18.62 | 10.602 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 7:05:31 | 21.22 | 0.523 | 18.62 | 10.601 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 7:10:31 | 21.21 | 0.524 | 18.62 | 10.605 | 5.55 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 7:15:32 | 21.21 | 0.524 | 18.62 | 10.605 | 5.55 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 7:20:31 | 21.21 | 0.524 | 18.62 | 10.607 | 5.55 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 7:25:31 | 21.2 | 0.523 | 18.62 | 10.606 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 7:30:31 | 21.21 | 0.523 | 18.62 | 10.606 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 7:35:31 | 21.21 | 0.523 | 18.62 | 10.609 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 7:40:31 | 21.2 | 0.523 | 18.62 | 10.609 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 7:45:31 | 21.2 | 0.523 | 18.62 | 10.609 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 7:50:31 | 21.2 | 0.523 | 18.62 | 10.611 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 7:55:31 | 21.22 | 0.523 | 18.62 | 10.611 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 8:00:31 | 21.23 | 0.523 | 18.62 | 10.612 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 8:05:31 | 21.25 | 0.523 | 18.62 | 10.615 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:10:31 | 21.25 | 0.523 | 18.62 | 10.616 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:15:31 | 21.24 | 0.523 | 18.62 | 10.619 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:20:31 | 21.23 | 0.522 | 18.63 | 10.623 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:25:31 | 21.24 | 0.523 | 18.62 | 10.622 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:30:31 | 21.17 | 0.523 | 18.62 | 10.618 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:35:31 | 21.17 | 0.523 | 18.62 | 10.622 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:40:31 | 21.19 | 0.523 | 18.63 | 10.622 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 8:45:31 | 21.2 | 0.523 | 18.63 | 10.624 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:50:31 | 21.2 | 0.523 | 18.63 | 10.623 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 8:55:31 | 21.2 | 0.523 | 18.62 | 10.622 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:00:32 | 21.22 | 0.523 | 18.63 | 10.624 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:05:32 | 21.22 | 0.522 | 18.62 | 10.621 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:10:32 | 21.22 | 0.523 | 18.62 | 10.616 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:15:31 | 21.23 | 0.523 | 18.62 | 10.617 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:20:31 | 21.22 | 0.522 | 18.62 | 10.618 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:25:31 | 21.19 | 0.521 | 18.62 | 10.619 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:30:31 | 21.18 | 0.523 | 18.64 | 10.646 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 9:35:31 | 21.19 | 0.523 | 18.64 | 10.651 | 5.54 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 9:40:31 | 21.19 | 0.523 | 18.63 | 10.645 | 5.55 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 9:45:31 | 21.19 | 0.523 | 18.63 | 10.643 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 9:50:31 | 21.21 | 0.523 | 18.63 | 10.642 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 9:55:31 | 21.21 | 0.523 | 18.63 | 10.641 | 5.54 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 10:00:31 | 21.19 | 0.523 | 18.63 | 10.64 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 10:05:31 | 21.2 | 0.523 | 18.63 | 10.638 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 10:10:31 | 21.22 | 0.523 | 18.63 | 10.638 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 10:15:31 | 21.22 | 0.522 | 18.63 | 10.637 | 5.55 | 71.2 | -350 | 3.2 | 0.29 |
| 4/17/2012 | 10:20:31 | 21.22 | 0.522 | 18.63 | 10.636 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 10:25:31 | 21.22 | 0.522 | 18.63 | 10.636 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 10:30:31 | 21.22 | 0.523 | 18.63 | 10.635 | 5.55 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 10:35:32 | 21.24 | 0.523 | 18.63 | 10.635 | 5.55 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 10:40:31 | 21.24 | 0.523 | 18.63 | 10.634 | 5.55 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 10:45:31 | 21.23 | 0.523 | 18.63 | 10.633 | 5.55 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 10:50:31 | 21.21 | 0.523 | 18.63 | 10.632 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 10:55:31 | 21.21 | 0.523 | 18.63 | 10.629 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 11:00:31 | 21.22 | 0.523 | 18.63 | 10.631 | 5.55 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 11:05:31 | 21.23 | 0.523 | 18.63 | 10.628 | 5.55 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 11:10:31 | 21.17 | 0.523 | 18.63 | 10.625 | 5.54 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 11:15:31 | 21.18 | 0.523 | 18.63 | 10.626 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 11:20:32 | 21.2 | 0.523 | 18.63 | 10.624 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 11:25:31 | 21.21 | 0.523 | 18.63 | 10.623 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 11:30:31 | 21.2 | 0.523 | 18.62 | 10.62 | 5.54 | 71.2 | -347 | 3.2 | 0.28 |
| 4/17/2012 | 11:35:31 | 21.21 | 0.522 | 18.62 | 10.616 | 5.55 | 71.2 | -347 | 3.2 | 0.28 |
| 4/17/2012 | 11:40:31 | 21.17 | 0.523 | 18.62 | 10.617 | 5.54 | 71.2 | -347 | 3.2 | 0.28 |
| 4/17/2012 | 11:45:31 | 21.21 | 0.522 | 18.62 | 10.617 | 5.54 | 71.2 | -344 | 3.2 | 0.28 |
| 4/17/2012 | 11:50:31 | 21.2 | 0.523 | 18.62 | 10.612 | 5.54 | 71.3 | -344 | 3.2 | 0.29 |
| 4/17/2012 | 11:55:31 | 21.19 | 0.522 | 18.62 | 10.61 | 5.54 | 71.3 | -347 | 3.2 | 0.28 |
| 4/17/2012 | 12:00:31 | 21.19 | 0.523 | 18.62 | 10.61 | 5.54 | 71.2 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 12:05:31 | 21.2 | 0.523 | 18.62 | 10.611 | 5.54 | 71.2 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 12:10:31 | 21.2 | 0.523 | 18.62 | 10.611 | 5.54 | 71.2 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 12:15:31 | 21.22 | 0.523 | 18.62 | 10.611 | 5.55 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 12:20:31 | 21.23 | 0.523 | 18.62 | 10.611 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 12:25:31 | 21.22 | 0.523 | 18.62 | 10.609 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 12:30:31 | 21.17 | 0.523 | 18.62 | 10.606 | 5.54 | 71.3 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 12:35:31 | 21.18 | 0.523 | 18.62 | 10.605 | 5.54 | 71.3 | -349 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 12:40:31 | 21.19 | 0.522 | 18.62 | 10.602 | 5.54 | 71.2 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 12:45:31 | 21.17 | 0.523 | 18.62 | 10.601 | 5.54 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 12:50:31 | 21.19 | 0.523 | 18.62 | 10.602 | 5.54 | 71.3 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 12:55:31 | 21.21 | 0.523 | 18.62 | 10.601 | 5.54 | 71.2 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 13:00:31 | 21.22 | 0.523 | 18.62 | 10.6 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:05:31 | 21.2 | 0.523 | 18.62 | 10.6 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:10:31 | 21.2 | 0.523 | 18.62 | 10.6 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:15:31 | 21.22 | 0.523 | 18.62 | 10.601 | 5.54 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 13:20:31 | 21.2 | 0.523 | 18.61 | 10.586 | 5.54 | 71.3 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:25:31 | 21.2 | 0.523 | 18.61 | 10.598 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 13:30:31 | 21.2 | 0.523 | 18.61 | 10.596 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 13:35:31 | 21.21 | 0.523 | 18.61 | 10.595 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:40:31 | 21.19 | 0.522 | 18.61 | 10.591 | 5.55 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:45:31 | 21.17 | 0.523 | 18.61 | 10.591 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:50:31 | 21.2 | 0.523 | 18.61 | 10.594 | 5.54 | 71.2 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 13:55:31 | 21.21 | 0.523 | 18.61 | 10.596 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:00:31 | 21.22 | 0.523 | 18.61 | 10.597 | 5.54 | 71.2 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 14:05:31 | 21.22 | 0.523 | 18.61 | 10.597 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:10:31 | 21.21 | 0.523 | 18.61 | 10.596 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:15:31 | 21.22 | 0.523 | 18.61 | 10.596 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:20:31 | 21.23 | 0.523 | 18.61 | 10.596 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:25:31 | 21.23 | 0.523 | 18.61 | 10.595 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:30:31 | 21.17 | 0.521 | 18.61 | 10.593 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:35:32 | 21.2 | 0.522 | 18.61 | 10.593 | 5.54 | 71.2 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:40:31 | 21.18 | 0.523 | 18.61 | 10.589 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:45:31 | 21.21 | 0.523 | 18.61 | 10.585 | 5.54 | 71.2 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 14:50:31 | 21.19 | 0.523 | 18.61 | 10.58 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 14:55:31 | 21.2 | 0.523 | 18.61 | 10.58 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 15:00:31 | 21.21 | 0.523 | 18.61 | 10.578 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 15:05:31 | 21.21 | 0.523 | 18.61 | 10.579 | 5.54 | 71.2 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 15:10:31 | 21.21 | 0.523 | 18.61 | 10.577 | 5.54 | 71.2 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 15:15:31 | 21.22 | 0.523 | 18.61 | 10.585 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 15:20:31 | 21.18 | 0.522 | 18.6 | 10.574 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 15:25:31 | 21.19 | 0.522 | 18.6 | 10.571 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 15:30:31 | 21.21 | 0.522 | 18.6 | 10.572 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 15:35:31 | 21.2 | 0.522 | 18.6 | 10.573 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 15:40:31 | 21.2 | 0.523 | 18.6 | 10.574 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 15:45:31 | 21.19 | 0.523 | 18.6 | 10.573 | 5.54 | 71.3 | -352 | 3.2 | 0.29 |
| 4/17/2012 | 15:50:31 | 21.21 | 0.522 | 18.6 | 10.574 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 15:55:31 | 21.23 | 0.522 | 18.6 | 10.573 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:00:31 | 21.22 | 0.522 | 18.6 | 10.572 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:05:31 | 21.2 | 0.523 | 18.6 | 10.571 | 5.54 | 71.2 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:10:31 | 21.19 | 0.523 | 18.6 | 10.572 | 5.54 | 71.2 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:15:31 | 21.23 | 0.523 | 18.6 | 10.571 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:20:31 | 21.23 | 0.522 | 18.6 | 10.57 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:25:31 | 21.24 | 0.521 | 18.6 | 10.568 | 5.54 | 71.2 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:30:31 | 21.23 | 0.521 | 18.6 | 10.569 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:35:31 | 21.23 | 0.521 | 18.6 | 10.565 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:40:31 | 21.22 | 0.522 | 18.6 | 10.564 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:45:31 | 21.24 | 0.521 | 18.6 | 10.565 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:50:31 | 21.15 | 0.521 | 18.6 | 10.56 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 16:55:31 | 21.13 | 0.522 | 18.6 | 10.563 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:00:31 | 21.13 | 0.522 | 18.6 | 10.559 | 5.54 | 71.4 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 17:05:31 | 21.14 | 0.522 | 18.6 | 10.56 | 5.54 | 71.4 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 17:10:31 | 21.15 | 0.522 | 18.6 | 10.559 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 17:15:31 | 21.18 | 0.522 | 18.6 | 10.559 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:20:31 | 21.2 | 0.522 | 18.6 | 10.557 | 5.54 | 71.3 | -352 | 3.2 | 0.29 |
| 4/17/2012 | 17:25:31 | 21.2 | 0.523 | 18.6 | 10.556 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:30:31 | 21.22 | 0.523 | 18.6 | 10.558 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:35:31 | 21.22 | 0.522 | 18.6 | 10.556 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:40:31 | 21.24 | 0.522 | 18.6 | 10.561 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:45:31 | 21.19 | 0.522 | 18.6 | 10.556 | 5.54 | 71.3 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 17:50:31 | 21.22 | 0.522 | 18.6 | 10.558 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 17:55:31 | 21.24 | 0.522 | 18.6 | 10.56 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 18:00:32 | 21.24 | 0.522 | 18.6 | 10.559 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 18:05:32 | 21.19 | 0.522 | 18.6 | 10.559 | 5.54 | 71.3 | -352 | 3.2 | 0.29 |
| 4/17/2012 | 18:10:31 | 21.22 | 0.522 | 18.6 | 10.558 | 5.54 | 71.3 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 18:15:31 | 21.23 | 0.522 | 18.6 | 10.558 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 18:20:31 | 21.24 | 0.522 | 18.6 | 10.559 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 18:25:31 | 21.25 | 0.522 | 18.6 | 10.561 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 18:30:31 | 21.26 | 0.521 | 18.6 | 10.559 | 5.54 | 71.3 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 18:35:31 | 21.25 | 0.521 | 18.6 | 10.559 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 18:40:31 | 21.25 | 0.521 | 18.6 | 10.559 | 5.54 | 71.3 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 18:45:31 | 21.24 | 0.52 | 18.6 | 10.561 | 5.54 | 71.3 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 18:50:31 | 21.24 | 0.521 | 18.6 | 10.558 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 18:55:31 | 21.25 | 0.522 | 18.6 | 10.558 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:00:31 | 21.26 | 0.522 | 18.6 | 10.556 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:05:31 | 21.26 | 0.522 | 18.6 | 10.555 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:10:31 | 21.27 | 0.522 | 18.6 | 10.554 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:15:31 | 21.26 | 0.522 | 18.59 | 10.549 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 19:20:31 | 21.25 | 0.522 | 18.59 | 10.55 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 19:25:31 | 21.26 | 0.522 | 18.59 | 10.551 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:30:31 | 21.26 | 0.522 | 18.59 | 10.552 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:35:31 | 21.25 | 0.522 | 18.59 | 10.551 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:40:31 | 21.21 | 0.522 | 18.59 | 10.544 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:45:32 | 21.22 | 0.522 | 18.59 | 10.551 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:50:31 | 21.22 | 0.522 | 18.59 | 10.551 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 19:55:31 | 21.22 | 0.522 | 18.59 | 10.553 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 20:00:31 | 21.23 | 0.522 | 18.6 | 10.555 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 20:05:31 | 21.24 | 0.522 | 18.6 | 10.555 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/17/2012 | 20:10:31 | 21.24 | 0.522 | 18.6 | 10.554 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/17/2012 | 20:15:31 | 21.24 | 0.522 | 18.6 | 10.556 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/17/2012 | 20:20:31 | 21.24 | 0.522 | 18.6 | 10.555 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/17/2012 | 20:25:31 | 21.19 | 0.522 | 18.6 | 10.554 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 20:30:31 | 21.2 | 0.522 | 18.59 | 10.552 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/17/2012 | 20:35:31 | 21.21 | 0.522 | 18.6 | 10.555 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 20:40:31 | 21.21 | 0.522 | 18.6 | 10.556 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/17/2012 | 20:45:31 | 21.23 | 0.522 | 18.6 | 10.553 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/17/2012 | 20:50:31 | 21.25 | 0.521 | 18.6 | 10.558 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/17/2012 | 20:55:31 | 21.21 | 0.522 | 18.6 | 10.559 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/17/2012 | 21:00:31 | 21.21 | 0.522 | 18.6 | 10.555 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/17/2012 | 21:05:31 | 21.22 | 0.522 | 18.6 | 10.557 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 21:10:31 | 21.21 | 0.522 | 18.6 | 10.557 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 21:15:31 | 21.21 | 0.522 | 18.6 | 10.559 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 21:20:31 | 21.21 | 0.522 | 18.6 | 10.557 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 21:25:31 | 21.22 | 0.521 | 18.6 | 10.555 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 21:30:31 | 21.19 | 0.521 | 18.59 | 10.553 | 5.54 | 71.4 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 21:35:31 | 21.19 | 0.522 | 18.59 | 10.553 | 5.54 | 71.4 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 21:40:31 | 21.21 | 0.521 | 18.59 | 10.551 | 5.54 | 71.4 | -344 | 3.2 | 0.29 |
| 4/17/2012 | 21:45:31 | 21.22 | 0.521 | 18.59 | 10.551 | 5.54 | 71.4 | -346 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 21:50:32 | 21.23 | 0.521 | 18.59 | 10.552 | 5.54 | 71.4 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 21:55:31 | 21.21 | 0.522 | 18.59 | 10.553 | 5.54 | 71.4 | -348 | 3.2 | 0.28 |
| 4/17/2012 | 22:00:31 | 21.22 | 0.522 | 18.6 | 10.554 | 5.54 | 71.4 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 22:05:31 | 21.23 | 0.522 | 18.59 | 10.553 | 5.54 | 71.4 | -349 | 3.2 | 0.29 |
| 4/17/2012 | 22:10:31 | 21.25 | 0.522 | 18.59 | 10.552 | 5.54 | 71.4 | -349 | 3.2 | 0.28 |
| 4/17/2012 | 22:15:31 | 21.24 | 0.521 | 18.59 | 10.55 | 5.54 | 71.5 | -350 | 3.2 | 0.28 |
| 4/17/2012 | 22:20:31 | 21.24 | 0.521 | 18.59 | 10.55 | 5.54 | 71.5 | -347 | 3.2 | 0.28 |
| 4/17/2012 | 22:25:31 | 21.19 | 0.52 | 18.59 | 10.55 | 5.54 | 71.5 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 22:30:31 | 21.22 | 0.52 | 18.59 | 10.551 | 5.54 | 71.5 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 22:35:31 | 21.19 | 0.521 | 18.6 | 10.553 | 5.54 | 71.5 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 22:40:31 | 21.21 | 0.522 | 18.59 | 10.55 | 5.54 | 71.5 | -351 | 3.2 | 0.29 |
| 4/17/2012 | 22:45:31 | 21.24 | 0.521 | 18.59 | 10.549 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 22:50:31 | 21.21 | 0.52 | 18.59 | 10.546 | 5.54 | 71.5 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 22:55:31 | 21.17 | 0.521 | 18.59 | 10.545 | 5.54 | 71.5 | -351 | 3.2 | 0.28 |
| 4/17/2012 | 23:00:31 | 21.16 | 0.52 | 18.59 | 10.544 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 23:05:31 | 21.19 | 0.52 | 18.59 | 10.549 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 23:10:31 | 21.16 | 0.52 | 18.59 | 10.545 | 5.54 | 71.5 | -352 | 3.2 | 0.29 |
| 4/17/2012 | 23:15:31 | 21.13 | 0.52 | 18.59 | 10.544 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 23:20:31 | 21.14 | 0.52 | 18.59 | 10.545 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 23:25:31 | 21.15 | 0.52 | 18.59 | 10.54 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 23:30:31 | 21.17 | 0.52 | 18.59 | 10.542 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/17/2012 | 23:35:31 | 21.19 | 0.52 | 18.59 | 10.54 | 5.54 | 71.4 | -352 | 3.2 | 0.29 |
| 4/17/2012 | 23:40:31 | 21.19 | 0.52 | 18.59 | 10.535 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/17/2012 | 23:45:31 | 21.2 | 0.52 | 18.59 | 10.537 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 23:50:31 | 21.18 | 0.521 | 18.59 | 10.539 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/17/2012 | 23:55:31 | 21.21 | 0.52 | 18.59 | 10.538 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 0:00:31 | 21.22 | 0.52 | 18.59 | 10.538 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 0:05:31 | 21.2 | 0.521 | 18.59 | 10.538 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:10:31 | 21.21 | 0.521 | 18.59 | 10.538 | 5.54 | 71.4 | -354 | 3.2 | 0.29 |
| 4/18/2012 | 0:15:31 | 21.23 | 0.521 | 18.59 | 10.54 | 5.54 | 71.4 | -354 | 3.2 | 0.29 |
| 4/18/2012 | 0:20:31 | 21.24 | 0.52 | 18.59 | 10.54 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:25:31 | 21.25 | 0.52 | 18.59 | 10.538 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:30:31 | 21.24 | 0.521 | 18.59 | 10.535 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:35:31 | 21.21 | 0.521 | 18.59 | 10.536 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:40:31 | 21.21 | 0.522 | 18.59 | 10.533 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:45:31 | 21.23 | 0.521 | 18.59 | 10.533 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:50:31 | 21.23 | 0.521 | 18.59 | 10.533 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 0:55:31 | 21.24 | 0.522 | 18.59 | 10.531 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 1:00:31 | 21.24 | 0.521 | 18.58 | 10.529 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 1:05:31 | 21.25 | 0.521 | 18.58 | 10.523 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 1:10:31 | 21.26 | 0.52 | 18.57 | 10.506 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 1:15:31 | 21.23 | 0.52 | 18.57 | 10.498 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 1:20:31 | 21.23 | 0.52 | 18.57 | 10.494 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 1:25:31 | 21.21 | 0.519 | 18.57 | 10.489 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 1:30:31 | 21.2 | 0.519 | 18.57 | 10.491 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 1:35:31 | 21.24 | 0.52 | 18.57 | 10.488 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 1:40:31 | 21.23 | 0.52 | 18.57 | 10.488 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 1:45:31 | 21.23 | 0.52 | 18.57 | 10.488 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/18/2012 | 1:50:31 | 21.19 | 0.52 | 18.56 | 10.484 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 1:55:32 | 21.2 | 0.52 | 18.57 | 10.487 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 2:00:31 | 21.21 | 0.521 | 18.57 | 10.486 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 2:05:31 | 21.22 | 0.521 | 18.57 | 10.485 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 2:10:31 | 21.22 | 0.521 | 18.56 | 10.484 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:15:31 | 21.22 | 0.52 | 18.57 | 10.485 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:20:31 | 21.23 | 0.52 | 18.57 | 10.488 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 2:25:31 | 21.24 | 0.519 | 18.57 | 10.486 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:30:31 | 21.23 | 0.52 | 18.57 | 10.484 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:35:31 | 21.21 | 0.52 | 18.57 | 10.486 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:40:31 | 21.21 | 0.521 | 18.56 | 10.482 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:45:31 | 21.2 | 0.521 | 18.57 | 10.484 | 5.54 | 71.4 | -354 | 3.2 | 0.29 |
| 4/18/2012 | 2:50:31 | 21.23 | 0.52 | 18.56 | 10.482 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 2:55:31 | 21.19 | 0.52 | 18.56 | 10.474 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 3:00:31 | 21.19 | 0.52 | 18.56 | 10.483 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 3:05:31 | 21.19 | 0.52 | 18.56 | 10.476 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 3:10:31 | 21.2 | 0.52 | 18.56 | 10.473 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 3:15:31 | 21.05 | 0.519 | 18.55 | 10.45 | 5.54 | 71.5 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 3:20:31 | 21.05 | 0.518 | 18.56 | 10.467 | 5.54 | 71.5 | -350 | 3.2 | 0.29 |
| 4/18/2012 | 3:25:31 | 21.14 | 0.519 | 18.56 | 10.475 | 5.54 | 71.4 | -351 | 3.2 | 0.29 |
| 4/18/2012 | 3:30:31 | 21.13 | 0.52 | 18.56 | 10.477 | 5.54 | 71.5 | -351 | 3.2 | 0.28 |
| 4/18/2012 | 3:35:31 | 21.17 | 0.52 | 18.56 | 10.477 | 5.54 | 71.4 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 3:40:31 | 21.19 | 0.52 | 18.56 | 10.477 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 3:45:31 | 21.19 | 0.52 | 18.56 | 10.476 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 3:50:31 | 21.21 | 0.52 | 18.56 | 10.476 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 3:55:31 | 21.22 | 0.52 | 18.56 | 10.478 | 5.54 | 71.4 | -354 | 3.2 | 0.29 |
| 4/18/2012 | 4:00:31 | 21.24 | 0.52 | 18.56 | 10.477 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:05:31 | 21.25 | 0.52 | 18.56 | 10.474 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:10:31 | 21.25 | 0.519 | 18.56 | 10.474 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:15:31 | 21.25 | 0.52 | 18.56 | 10.473 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:20:31 | 21.25 | 0.519 | 18.56 | 10.473 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:25:31 | 21.25 | 0.52 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:30:31 | 21.23 | 0.52 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:35:31 | 21.23 | 0.52 | 18.56 | 10.472 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:40:31 | 21.24 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:45:31 | 21.24 | 0.519 | 18.56 | 10.472 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:50:31 | 21.24 | 0.519 | 18.56 | 10.476 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 4:55:31 | 21.25 | 0.52 | 18.56 | 10.475 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:00:31 | 21.22 | 0.519 | 18.56 | 10.474 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:05:31 | 21.25 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:10:31 | 21.25 | 0.519 | 18.56 | 10.474 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:15:31 | 21.23 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:20:31 | 21.24 | 0.519 | 18.56 | 10.475 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:25:31 | 21.25 | 0.519 | 18.56 | 10.476 | 5.54 | 71.4 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 5:30:31 | 21.24 | 0.519 | 18.56 | 10.471 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 5:35:31 | 21.16 | 0.519 | 18.56 | 10.47 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 5:40:31 | 21.17 | 0.519 | 18.56 | 10.47 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/18/2012 | 5:45:31 | 21.21 | 0.519 | 18.56 | 10.474 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/18/2012 | 5:50:31 | 21.24 | 0.519 | 18.56 | 10.471 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 5:55:31 | 21.25 | 0.519 | 18.56 | 10.471 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:00:31 | 21.18 | 0.518 | 18.56 | 10.466 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 6:05:31 | 21.19 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -353 | 3.2 | 0.29 |
| 4/18/2012 | 6:10:31 | 21.22 | 0.519 | 18.56 | 10.474 | 5.54 | 71.4 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 6:15:31 | 21.24 | 0.519 | 18.56 | 10.472 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:20:31 | 21.23 | 0.519 | 18.56 | 10.472 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:25:31 | 21.22 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:30:31 | 21.22 | 0.52 | 18.56 | 10.476 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:35:31 | 21.23 | 0.519 | 18.56 | 10.472 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:40:32 | 21.24 | 0.519 | 18.56 | 10.471 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:45:31 | 21.24 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:50:31 | 21.24 | 0.519 | 18.56 | 10.472 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 6:55:31 | 21.24 | 0.519 | 18.56 | 10.473 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 7:00:31 | 21.24 | 0.518 | 18.56 | 10.475 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:05:31 | 21.24 | 0.519 | 18.56 | 10.476 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:10:32 | 21.23 | 0.519 | 18.56 | 10.477 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:15:31 | 21.25 | 0.518 | 18.56 | 10.476 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:20:31 | 21.25 | 0.519 | 18.57 | 10.486 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:25:31 | 21.26 | 0.519 | 18.57 | 10.491 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:30:31 | 21.26 | 0.518 | 18.57 | 10.486 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:35:31 | 21.26 | 0.519 | 18.56 | 10.482 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:40:31 | 21.26 | 0.518 | 18.56 | 10.48 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:45:32 | 21.26 | 0.518 | 18.56 | 10.481 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:50:31 | 21.26 | 0.518 | 18.56 | 10.48 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 7:55:31 | 21.2 | 0.518 | 18.56 | 10.482 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
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| 4/18/2012 | 8:05:31 | 21.23 | 0.517 | 18.56 | 10.483 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
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| 4/18/2012 | 8:15:31 | 21.19 | 0.518 | 18.56 | 10.483 | 5.54 | 71.5 | -353 | 3.2 | 0.29 |
| 4/18/2012 | 8:20:31 | 21.2 | 0.517 | 18.57 | 10.484 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:25:31 | 21.18 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:30:31 | 21.18 | 0.518 | 18.57 | 10.486 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:35:31 | 21.17 | 0.518 | 18.57 | 10.484 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:40:32 | 21.18 | 0.518 | 18.57 | 10.489 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:45:32 | 21.16 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:50:31 | 21.18 | 0.518 | 18.57 | 10.487 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 8:55:31 | 21.18 | 0.518 | 18.57 | 10.487 | 5.54 | 71.5 | -353 | 3.2 | 0.28 |
| 4/18/2012 | 9:00:31 | 21.18 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:05:31 | 21.18 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:10:31 | 21.17 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:15:31 | 21.16 | 0.518 | 18.56 | 10.481 | 5.54 | 71.5 | -354 | 3.2 | 0.29 |
| 4/18/2012 | 9:20:31 | 21.18 | 0.518 | 18.56 | 10.482 | 5.54 | 71.5 | -354 | 3.2 | 0.29 |
| 4/18/2012 | 9:25:31 | 21.19 | 0.518 | 18.56 | 10.482 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:30:31 | 21.2 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:35:31 | 21.22 | 0.519 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:40:31 | 21.2 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:45:31 | 21.22 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:50:31 | 21.22 | 0.518 | 18.57 | 10.49 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 9:55:31 | 21.19 | 0.518 | 18.57 | 10.487 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:00:31 | 21.21 | 0.518 | 18.57 | 10.489 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:05:31 | 21.22 | 0.518 | 18.57 | 10.49 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:10:31 | 21.23 | 0.518 | 18.57 | 10.491 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:15:31 | 21.24 | 0.518 | 18.57 | 10.493 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 10:20:31 | 21.17 | 0.518 | 18.57 | 10.485 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:25:31 | 21.21 | 0.517 | 18.57 | 10.487 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:30:31 | 21.22 | 0.518 | 18.57 | 10.486 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:35:31 | 21.24 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:40:31 | 21.25 | 0.518 | 18.57 | 10.489 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:45:31 | 21.25 | 0.517 | 18.57 | 10.492 | 5.54 | 71.4 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:50:31 | 21.25 | 0.517 | 18.57 | 10.492 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 10:55:31 | 21.25 | 0.517 | 18.57 | 10.489 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:00:31 | 21.25 | 0.517 | 18.57 | 10.486 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:05:31 | 21.24 | 0.517 | 18.56 | 10.484 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:10:31 | 21.24 | 0.517 | 18.56 | 10.483 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:15:31 | 21.24 | 0.518 | 18.56 | 10.483 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:20:31 | 21.23 | 0.518 | 18.56 | 10.484 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:25:31 | 21.23 | 0.518 | 18.56 | 10.481 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:30:31 | 21.23 | 0.518 | 18.56 | 10.482 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 11:35:31 | 21.22 | 0.518 | 18.56 | 10.482 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:40:31 | 21.22 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:45:31 | 21.22 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 11:50:31 | 21.23 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 11:55:31 | 21.23 | 0.518 | 18.57 | 10.487 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 12:00:31 | 21.23 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 12:05:31 | 21.23 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 12:10:31 | 21.23 | 0.518 | 18.57 | 10.488 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 12:15:31 | 21.23 | 0.518 | 18.57 | 10.487 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 12:20:31 | 21.23 | 0.518 | 18.57 | 10.485 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 12:25:31 | 21.23 | 0.518 | 18.56 | 10.484 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
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| 4/18/2012 | 12:35:31 | 21.22 | 0.518 | 18.56 | 10.474 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 12:40:31 | 21.22 | 0.518 | 18.56 | 10.471 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 12:45:31 | 21.22 | 0.518 | 18.56 | 10.471 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
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| 4/18/2012 | 12:55:31 | 21.23 | 0.518 | 18.56 | 10.462 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:00:31 | 21.23 | 0.518 | 18.55 | 10.458 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:05:31 | 21.23 | 0.518 | 18.55 | 10.459 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:10:31 | 21.23 | 0.518 | 18.55 | 10.459 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:15:31 | 21.23 | 0.518 | 18.55 | 10.458 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:20:31 | 21.22 | 0.518 | 18.55 | 10.459 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:25:31 | 21.22 | 0.518 | 18.55 | 10.458 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:30:31 | 21.22 | 0.518 | 18.55 | 10.458 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:35:31 | 21.22 | 0.518 | 18.55 | 10.457 | 5.54 | 71.5 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 13:40:31 | 21.22 | 0.518 | 18.55 | 10.454 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 13:45:31 | 21.23 | 0.518 | 18.55 | 10.456 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 13:50:31 | 21.23 | 0.518 | 18.55 | 10.454 | 5.54 | 71.5 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 13:55:31 | 21.23 | 0.518 | 18.55 | 10.45 | 5.54 | 71.6 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 14:00:31 | 21.23 | 0.518 | 18.55 | 10.451 | 5.54 | 71.6 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 14:05:31 | 21.23 | 0.518 | 18.55 | 10.45 | 5.54 | 71.6 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 14:10:31 | 21.22 | 0.517 | 18.55 | 10.448 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 14:15:31 | 21.2 | 0.516 | 18.55 | 10.447 | 5.54 | 71.6 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 14:20:31 | 21.2 | 0.517 | 18.55 | 10.446 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 14:25:31 | 21.21 | 0.517 | 18.55 | 10.448 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 14:30:31 | 21.22 | 0.517 | 18.55 | 10.448 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 14:35:31 | 21.23 | 0.517 | 18.55 | 10.448 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 14:40:31 | 21.24 | 0.516 | 18.55 | 10.449 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 14:45:31 | 21.24 | 0.516 | 18.55 | 10.448 | 5.54 | 71.6 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 14:50:31 | 21.24 | 0.516 | 18.55 | 10.448 | 5.54 | 71.6 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 14:55:31 | 21.24 | 0.516 | 18.55 | 10.442 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:00:31 | 21.24 | 0.517 | 18.55 | 10.444 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:05:31 | 21.24 | 0.517 | 18.55 | 10.446 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:10:31 | 21.23 | 0.517 | 18.55 | 10.447 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:15:31 | 21.23 | 0.517 | 18.55 | 10.444 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:20:31 | 21.23 | 0.517 | 18.55 | 10.441 | 5.54 | 71.6 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:25:31 | 21.26 | 0.516 | 18.54 | 10.437 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:30:31 | 21.25 | 0.517 | 18.54 | 10.436 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:35:31 | 21.26 | 0.517 | 18.54 | 10.433 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:40:31 | 21.27 | 0.517 | 18.54 | 10.431 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:45:31 | 21.27 | 0.517 | 18.54 | 10.432 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:50:31 | 21.27 | 0.517 | 18.54 | 10.429 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 15:55:31 | 21.27 | 0.517 | 18.54 | 10.429 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 16:00:31 | 21.27 | 0.517 | 18.54 | 10.429 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 16:05:31 | 21.24 | 0.516 | 18.54 | 10.429 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 16:10:31 | 21.25 | 0.516 | 18.54 | 10.427 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 16:15:31 | 21.22 | 0.517 | 18.54 | 10.423 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 16:20:31 | 21.11 | 0.515 | 18.53 | 10.401 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 16:25:31 | 21.05 | 0.516 | 18.53 | 10.413 | 5.53 | 71.8 | -351 | 3.2 | 0.29 |
| 4/18/2012 | 16:30:31 | 21.11 | 0.517 | 18.54 | 10.418 | 5.54 | 71.7 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 16:35:31 | 21.17 | 0.517 | 18.54 | 10.417 | 5.54 | 71.7 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 16:40:31 | 21.18 | 0.518 | 18.54 | 10.418 | 5.54 | 71.7 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 16:45:31 | 21.22 | 0.517 | 18.54 | 10.418 | 5.54 | 71.8 | -352 | 3.2 | 0.28 |
| 4/18/2012 | 16:50:31 | 21.23 | 0.517 | 18.54 | 10.419 | 5.54 | 71.8 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 16:55:31 | 21.24 | 0.517 | 18.54 | 10.42 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 17:00:31 | 21.25 | 0.517 | 18.54 | 10.422 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 17:05:31 | 21.24 | 0.517 | 18.54 | 10.42 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 17:10:31 | 21.23 | 0.517 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 17:15:31 | 21.2 | 0.516 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
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| 4/18/2012 | 17:30:31 | 21.25 | 0.516 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
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| 4/18/2012 | 17:40:31 | 21.25 | 0.516 | 18.54 | 10.423 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 17:45:31 | 21.26 | 0.516 | 18.54 | 10.422 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
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| 4/18/2012 | 17:55:31 | 21.22 | 0.515 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 18:00:31 | 21.25 | 0.517 | 18.54 | 10.42 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 18:05:31 | 21.25 | 0.517 | 18.54 | 10.419 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 18:10:31 | 21.26 | 0.517 | 18.54 | 10.418 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 18:15:31 | 21.26 | 0.517 | 18.54 | 10.419 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
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| 4/18/2012 | 18:25:31 | 21.26 | 0.517 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 18:30:31 | 21.26 | 0.516 | 18.54 | 10.418 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 18:35:31 | 21.25 | 0.517 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 18:40:31 | 21.23 | 0.517 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 18:45:31 | 21.15 | 0.516 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 18:50:31 | 21.21 | 0.515 | 18.54 | 10.422 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 18:55:31 | 21.21 | 0.516 | 18.54 | 10.422 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 19:00:31 | 21.24 | 0.516 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 19:05:31 | 21.25 | 0.516 | 18.54 | 10.422 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 19:10:31 | 21.23 | 0.516 | 18.54 | 10.421 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 19:15:31 | 21.21 | 0.516 | 18.54 | 10.42 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 19:20:31 | 21.22 | 0.516 | 18.54 | 10.421 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 19:25:31 | 21.22 | 0.517 | 18.54 | 10.423 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 19:30:31 | 21.23 | 0.517 | 18.54 | 10.42 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 19:35:31 | 21.24 | 0.517 | 18.54 | 10.424 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 19:40:31 | 21.26 | 0.517 | 18.54 | 10.424 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 19:45:31 | 21.23 | 0.517 | 18.54 | 10.424 | 5.54 | 71.7 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 19:50:31 | 21.23 | 0.517 | 18.54 | 10.426 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 19:55:31 | 21.24 | 0.517 | 18.54 | 10.425 | 5.54 | 71.7 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 20:00:31 | 21.24 | 0.517 | 18.54 | 10.426 | 5.54 | 71.8 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 20:05:31 | 21.24 | 0.517 | 18.54 | 10.423 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:10:31 | 21.24 | 0.517 | 18.54 | 10.427 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:15:31 | 21.24 | 0.517 | 18.54 | 10.428 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:20:31 | 21.24 | 0.517 | 18.54 | 10.43 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:25:31 | 21.23 | 0.517 | 18.54 | 10.429 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:30:31 | 21.23 | 0.517 | 18.54 | 10.427 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:35:31 | 21.22 | 0.517 | 18.54 | 10.429 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:40:31 | 21.23 | 0.517 | 18.54 | 10.431 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 20:45:31 | 21.22 | 0.517 | 18.54 | 10.43 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 20:50:31 | 21.27 | 0.515 | 18.54 | 10.428 | 5.54 | 71.8 | -356 | 3.2 | 0.28 |
| 4/18/2012 | 20:55:31 | 21.27 | 0.516 | 18.54 | 10.425 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:00:31 | 21.28 | 0.516 | 18.54 | 10.427 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:05:31 | 21.28 | 0.516 | 18.54 | 10.431 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:10:31 | 21.27 | 0.516 | 18.54 | 10.433 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:15:31 | 21.26 | 0.517 | 18.54 | 10.432 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:20:31 | 21.24 | 0.517 | 18.54 | 10.436 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:25:31 | 21.24 | 0.517 | 18.54 | 10.433 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:30:31 | 21.25 | 0.517 | 18.54 | 10.435 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:35:31 | 21.25 | 0.517 | 18.54 | 10.437 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:40:31 | 21.25 | 0.517 | 18.54 | 10.438 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:45:31 | 21.26 | 0.517 | 18.55 | 10.438 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 21:50:31 | 21.19 | 0.515 | 18.54 | 10.435 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 21:55:31 | 21.21 | 0.516 | 18.54 | 10.437 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/18/2012 | 22:00:31 | 21.24 | 0.516 | 18.54 | 10.435 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:05:31 | 21.25 | 0.516 | 18.54 | 10.437 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:10:31 | 21.23 | 0.517 | 18.55 | 10.441 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:15:31 | 21.24 | 0.517 | 18.55 | 10.442 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:20:31 | 21.24 | 0.516 | 18.55 | 10.44 | 5.54 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:25:32 | 21.26 | 0.516 | 18.55 | 10.439 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:30:31 | 21.26 | 0.516 | 18.55 | 10.44 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:35:31 | 21.27 | 0.517 | 18.55 | 10.439 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:40:31 | 21.27 | 0.517 | 18.55 | 10.439 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:45:31 | 21.27 | 0.515 | 18.54 | 10.437 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:50:31 | 21.27 | 0.516 | 18.54 | 10.435 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 22:55:31 | 21.24 | 0.516 | 18.54 | 10.437 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:00:31 | 21.24 | 0.517 | 18.54 | 10.438 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:05:31 | 21.25 | 0.517 | 18.54 | 10.434 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:10:31 | 21.24 | 0.517 | 18.54 | 10.433 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:15:31 | 21.26 | 0.516 | 18.54 | 10.435 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:20:31 | 21.26 | 0.515 | 18.54 | 10.435 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:25:31 | 21.26 | 0.514 | 18.54 | 10.435 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:30:31 | 21.25 | 0.514 | 18.54 | 10.436 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:35:31 | 21.24 | 0.515 | 18.54 | 10.434 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
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| 4/18/2012 | 23:45:31 | 21.25 | 0.516 | 18.54 | 10.434 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:50:31 | 21.25 | 0.516 | 18.54 | 10.434 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/18/2012 | 23:55:31 | 21.23 | 0.517 | 18.54 | 10.434 | 5.53 | 71.8 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 0:00:31 | 21.24 | 0.516 | 18.54 | 10.434 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:05:31 | 21.24 | 0.516 | 18.54 | 10.432 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:10:31 | 21.24 | 0.516 | 18.54 | 10.427 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:15:31 | 21.25 | 0.516 | 18.54 | 10.423 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:20:31 | 21.24 | 0.516 | 18.54 | 10.423 | 5.53 | 71.9 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:25:31 | 21.24 | 0.516 | 18.54 | 10.425 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 0:30:31 | 21.23 | 0.516 | 18.54 | 10.426 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:35:31 | 21.23 | 0.516 | 18.54 | 10.427 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:40:31 | 21.23 | 0.516 | 18.54 | 10.421 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:45:31 | 21.23 | 0.516 | 18.54 | 10.422 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:50:31 | 21.24 | 0.516 | 18.54 | 10.423 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 0:55:31 | 21.24 | 0.516 | 18.54 | 10.422 | 5.53 | 71.8 | -354 | 3.2 | 0.28 |
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| 4/19/2012 | 1:05:31 | 21.24 | 0.516 | 18.54 | 10.42 | 5.53 | 71.9 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 1:10:31 | 21.24 | 0.516 | 18.54 | 10.418 | 5.53 | 71.9 | -354 | 3.2 | 0.28 |
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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 1:20:31 | 21.24 | 0.516 | 18.54 | 10.418 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
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| 4/19/2012 | 1:30:31 | 21.26 | 0.516 | 18.54 | 10.417 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 1:35:31 | 21.27 | 0.515 | 18.54 | 10.418 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 1:40:31 | 21.27 | 0.515 | 18.53 | 10.414 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 1:45:31 | 21.28 | 0.515 | 18.53 | 10.412 | 5.53 | 71.9 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 1:50:31 | 21.28 | 0.516 | 18.53 | 10.412 | 5.53 | 71.9 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 1:55:31 | 21.28 | 0.515 | 18.53 | 10.412 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 2:00:31 | 21.28 | 0.515 | 18.53 | 10.41 | 5.53 | 71.9 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 2:05:31 | 21.27 | 0.515 | 18.53 | 10.41 | 5.53 | 71.9 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:10:31 | 21.26 | 0.515 | 18.53 | 10.406 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 2:15:31 | 21.27 | 0.514 | 18.53 | 10.407 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 2:20:31 | 21.25 | 0.515 | 18.53 | 10.403 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:25:31 | 21.25 | 0.516 | 18.53 | 10.403 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:30:31 | 21.26 | 0.516 | 18.53 | 10.402 | 5.53 | 71.9 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:35:31 | 21.26 | 0.516 | 18.53 | 10.402 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:40:31 | 21.22 | 0.515 | 18.53 | 10.402 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:45:31 | 21.23 | 0.515 | 18.53 | 10.404 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 2:50:31 | 21.23 | 0.515 | 18.53 | 10.404 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 2:55:31 | 21.25 | 0.515 | 18.53 | 10.401 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:00:31 | 21.25 | 0.515 | 18.53 | 10.4 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:05:31 | 21.26 | 0.515 | 18.53 | 10.399 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:10:31 | 21.27 | 0.515 | 18.53 | 10.397 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:15:31 | 21.28 | 0.515 | 18.53 | 10.398 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:20:31 | 21.29 | 0.515 | 18.53 | 10.401 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:25:31 | 21.28 | 0.516 | 18.53 | 10.402 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:30:31 | 21.28 | 0.516 | 18.53 | 10.403 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:35:31 | 21.27 | 0.516 | 18.53 | 10.402 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:40:31 | 21.23 | 0.516 | 18.53 | 10.4 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 3:45:31 | 21.2 | 0.515 | 18.53 | 10.399 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 3:50:31 | 21.19 | 0.515 | 18.53 | 10.4 | 5.53 | 72 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 3:55:31 | 21.22 | 0.515 | 18.53 | 10.401 | 5.53 | 72 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 4:00:31 | 21.25 | 0.514 | 18.53 | 10.402 | 5.53 | 72 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 4:05:31 | 21.26 | 0.514 | 18.53 | 10.399 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 4:10:31 | 21.26 | 0.514 | 18.53 | 10.396 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 4:15:31 | 21.26 | 0.514 | 18.53 | 10.395 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 4:20:31 | 21.25 | 0.515 | 18.53 | 10.395 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 4:25:31 | 21.25 | 0.515 | 18.53 | 10.396 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 4:30:31 | 21.24 | 0.514 | 18.53 | 10.395 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 4:35:31 | 21.28 | 0.514 | 18.53 | 10.393 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 4:40:31 | 21.27 | 0.515 | 18.53 | 10.392 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 4:45:31 | 21.28 | 0.515 | 18.52 | 10.391 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 4:50:31 | 21.28 | 0.515 | 18.52 | 10.39 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 4:55:31 | 21.27 | 0.515 | 18.53 | 10.392 | 5.53 | 72 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 5:00:31 | 21.26 | 0.514 | 18.53 | 10.396 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:05:31 | 21.26 | 0.514 | 18.53 | 10.396 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:10:31 | 21.26 | 0.513 | 18.53 | 10.394 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:15:31 | 21.19 | 0.513 | 18.53 | 10.392 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:20:31 | 21.22 | 0.514 | 18.53 | 10.393 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:25:31 | 21.17 | 0.514 | 18.52 | 10.391 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:30:31 | 21.22 | 0.514 | 18.52 | 10.39 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:35:31 | 21.22 | 0.515 | 18.52 | 10.389 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:40:31 | 21.25 | 0.514 | 18.52 | 10.388 | 5.53 | 72 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 5:45:32 | 21.26 | 0.514 | 18.52 | 10.383 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 5:50:31 | 21.25 | 0.515 | 18.52 | 10.38 | 5.53 | 72 | -355 | 3.2 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 5:55:31 | 21.26 | 0.515 | 18.52 | 10.382 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:00:31 | 21.26 | 0.515 | 18.52 | 10.381 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:05:31 | 21.27 | 0.514 | 18.52 | 10.379 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:10:31 | 21.27 | 0.514 | 18.52 | 10.384 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:15:31 | 21.23 | 0.514 | 18.52 | 10.388 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:20:31 | 21.21 | 0.514 | 18.52 | 10.389 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:25:32 | 21.21 | 0.515 | 18.52 | 10.39 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:30:31 | 21.22 | 0.515 | 18.53 | 10.392 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:35:31 | 21.22 | 0.514 | 18.52 | 10.391 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:40:31 | 21.22 | 0.514 | 18.52 | 10.39 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:45:31 | 21.24 | 0.514 | 18.52 | 10.391 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:50:31 | 21.23 | 0.515 | 18.53 | 10.394 | 5.53 | 72 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 6:55:31 | 21.24 | 0.514 | 18.53 | 10.393 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 7:00:31 | 21.26 | 0.514 | 18.53 | 10.394 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 7:05:31 | 21.27 | 0.514 | 18.53 | 10.395 | 5.53 | 72.1 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 7:10:31 | 21 | 0.513 | 18.52 | 10.373 | 5.53 | 72.1 | -350 | 3.2 | 0.29 |
| 4/19/2012 | 7:15:31 | 21.06 | 0.513 | 18.53 | 10.397 | 5.53 | 72.2 | -350 | 3.2 | 0.29 |
| 4/19/2012 | 7:20:31 | 21.16 | 0.514 | 18.52 | 10.389 | 5.53 | 72.1 | -352 | 3.2 | 0.28 |
| 4/19/2012 | 7:25:31 | 21.18 | 0.513 | 18.52 | 10.385 | 5.53 | 72.1 | -353 | 3.2 | 0.28 |
| 4/19/2012 | 7:30:31 | 21.21 | 0.514 | 18.52 | 10.382 | 5.53 | 72.1 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 7:35:31 | 21.22 | 0.514 | 18.52 | 10.383 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 7:40:31 | 21.24 | 0.514 | 18.52 | 10.383 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 7:45:31 | 21.25 | 0.515 | 18.52 | 10.383 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 7:50:31 | 21.24 | 0.515 | 18.52 | 10.385 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 7:55:31 | 21.24 | 0.515 | 18.52 | 10.387 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:00:31 | 21.23 | 0.515 | 18.52 | 10.387 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:05:31 | 21.23 | 0.515 | 18.52 | 10.388 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:10:31 | 21.23 | 0.515 | 18.52 | 10.388 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:15:31 | 21.24 | 0.515 | 18.52 | 10.389 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:20:31 | 21.21 | 0.515 | 18.52 | 10.391 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:25:31 | 21.27 | 0.514 | 18.53 | 10.395 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:30:32 | 21.25 | 0.513 | 18.53 | 10.393 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:35:31 | 21.27 | 0.513 | 18.53 | 10.394 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:40:31 | 21.26 | 0.513 | 18.53 | 10.395 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:45:31 | 21.27 | 0.513 | 18.53 | 10.395 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:50:31 | 21.27 | 0.514 | 18.53 | 10.396 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 8:55:31 | 21.26 | 0.513 | 18.53 | 10.394 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:00:31 | 21.22 | 0.513 | 18.53 | 10.395 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:05:31 | 21.21 | 0.514 | 18.53 | 10.399 | 5.53 | 72 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 9:10:31 | 21.22 | 0.514 | 18.53 | 10.401 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:15:31 | 21.23 | 0.514 | 18.53 | 10.404 | 5.53 | 72.1 | -354 | 3.2 | 0.28 |
| 4/19/2012 | 9:20:31 | 21.25 | 0.514 | 18.53 | 10.403 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:25:31 | 21.26 | 0.514 | 18.53 | 10.402 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:30:31 | 21.24 | 0.514 | 18.53 | 10.407 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:35:31 | 21.24 | 0.514 | 18.53 | 10.41 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
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| 4/19/2012 | 9:45:31 | 21.26 | 0.513 | 18.53 | 10.41 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:50:31 | 21.26 | 0.513 | 18.53 | 10.411 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 9:55:31 | 21.26 | 0.513 | 18.53 | 10.413 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 10:00:31 | 21.26 | 0.513 | 18.54 | 10.415 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 10:05:31 | 21.26 | 0.513 | 18.53 | 10.414 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 10:10:31 | 21.26 | 0.514 | 18.53 | 10.414 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 10:15:31 | 21.27 | 0.514 | 18.54 | 10.415 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 10:20:31 | 21.26 | 0.513 | 18.54 | 10.417 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 10:25:31 | 21.26 | 0.512 | 18.54 | 10.415 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 10:30:31 | 21.26 | 0.512 | 18.54 | 10.416 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 10:35:31 | 21.25 | 0.513 | 18.54 | 10.419 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 10:40:31 | 21.25 | 0.513 | 18.54 | 10.416 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 10:45:31 | 21.25 | 0.513 | 18.54 | 10.418 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 10:50:31 | 21.25 | 0.514 | 18.54 | 10.417 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 10:55:31 | 21.25 | 0.514 | 18.54 | 10.417 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:00:31 | 21.25 | 0.514 | 18.54 | 10.417 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:05:31 | 21.25 | 0.514 | 18.54 | 10.418 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:10:31 | 21.25 | 0.514 | 18.54 | 10.418 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:15:31 | 21.25 | 0.514 | 18.54 | 10.418 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:20:31 | 21.24 | 0.514 | 18.54 | 10.42 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:25:31 | 21.24 | 0.514 | 18.54 | 10.42 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:30:31 | 21.24 | 0.514 | 18.54 | 10.418 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:35:31 | 21.24 | 0.514 | 18.54 | 10.419 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:40:31 | 21.25 | 0.514 | 18.54 | 10.421 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 11:45:31 | 21.25 | 0.514 | 18.54 | 10.42 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 11:50:31 | 21.25 | 0.514 | 18.54 | 10.423 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 11:55:31 | 21.25 | 0.514 | 18.54 | 10.422 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 12:00:31 | 21.25 | 0.514 | 18.54 | 10.421 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 12:05:31 | 21.25 | 0.513 | 18.54 | 10.421 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 12:10:31 | 21.28 | 0.513 | 18.54 | 10.42 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 12:15:31 | 21.27 | 0.513 | 18.54 | 10.418 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 12:20:31 | 21.27 | 0.513 | 18.54 | 10.42 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 12:25:31 | 21.28 | 0.513 | 18.54 | 10.417 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 12:30:31 | 21.28 | 0.513 | 18.54 | 10.416 | 5.53 | 72.1 | -356 | 3.2 | 0.28 |
| 4/19/2012 | 12:35:31 | 21.26 | 0.513 | 18.53 | 10.414 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |
| 4/19/2012 | 12:40:31 | 21.24 | 0.513 | 18.54 | 10.414 | 5.53 | 72.1 | -355 | 3.2 | 0.28 |

VOPAK-7-PAN-MW-9

| Date | Time | Temp | SpCond | PressureA | Depth | pH | pHmV | ORP | ODO% | ODO Conc |
|---|---|---|---|---|---|---|---|---|---|---|
| M/D/Y | hh:mm:ss | C | mS/cm | psia | ft | | mV | mV | % | mg/L |
| 4/12/2012 | 13:45:16 | 23.8 | 0.001 | 15.8 | 1.596 | 7.3 | -47.1 | 156 | 85.3 | 7.21 |
| 4/12/2012 | 13:50:33 | 23.67 | 0.001 | 15.8 | 1.597 | 7.26 | -44.7 | 164 | 85.4 | 7.23 |
| 4/12/2012 | 13:55:33 | 23.6 | 0.001 | 15.8 | 1.598 | 7.24 | -43.6 | 167 | 85.6 | 7.26 |
| 4/12/2012 | 14:00:33 | 23.52 | 0.001 | 15.8 | 1.601 | 7.2 | -41.1 | 156 | 85.6 | 7.27 |
| 4/12/2012 | 14:05:33 | 23.5 | 0.001 | 15.8 | 1.603 | 7.22 | -42.3 | 159 | 85.7 | 7.28 |
| 4/12/2012 | 14:10:33 | 23.55 | 0.001 | 15.8 | 1.597 | 7.23 | -43.2 | 160 | 85.9 | 7.29 |
| 4/12/2012 | 14:15:33 | 23.62 | 0.001 | 15.8 | 1.595 | 7.25 | -43.8 | 162 | 86.1 | 7.3 |
| 4/12/2012 | 14:20:33 | 23.7 | 0.001 | 15.8 | 1.596 | 7.25 | -44.1 | 163 | 86.2 | 7.3 |
| 4/12/2012 | 14:25:33 | 23.78 | 0.001 | 15.81 | 1.619 | 7.25 | -44.2 | 164 | 86.3 | 7.3 |
| 4/12/2012 | 14:30:33 | 23.85 | 0.001 | 15.8 | 1.591 | 7.25 | -44.3 | 165 | 86.4 | 7.3 |
| 4/12/2012 | 14:35:33 | 23.92 | 0.001 | 15.8 | 1.586 | 7.25 | -44.1 | 165 | 86.6 | 7.3 |
| 4/12/2012 | 14:40:33 | 23.97 | 0.001 | 15.8 | 1.589 | 7.25 | -44.1 | 165 | 86.7 | 7.3 |
| 4/12/2012 | 14:45:33 | 24.02 | 0.001 | 15.8 | 1.584 | 7.27 | -44.9 | 165 | 86.7 | 7.3 |
| 4/12/2012 | 14:50:33 | 23.89 | 0.001 | 15.79 | 1.578 | 7.2 | -41.3 | 158 | 86.8 | 7.32 |
| 4/12/2012 | 14:55:33 | 23.64 | 0.001 | 15.8 | 1.582 | 7.21 | -41.6 | 160 | 86.7 | 7.35 |
| 4/12/2012 | 15:00:33 | 23.66 | 0.001 | 15.8 | 1.584 | 7.27 | -45.1 | 158 | 86.6 | 7.33 |
| 4/12/2012 | 15:05:33 | 23.83 | 0.001 | 15.8 | 1.583 | 7.33 | -48.3 | 154 | 86.7 | 7.32 |
| 4/12/2012 | 15:10:33 | 24.14 | 0.001 | 15.79 | 1.577 | 7.32 | -47.9 | 154 | 86.7 | 7.28 |
| 4/12/2012 | 15:15:33 | 21.79 | 0 | 15.79 | 1.572 | 5.32 | 64 | 132 | 91.9 | 8.07 |
| 4/12/2012 | 15:20:32 | 18.96 | 0 | 15.79 | 1.577 | 6 | 25.5 | 463 | 94.9 | 8.81 |
| 4/12/2012 | 15:25:32 | 19.79 | 1.219 | 18.24 | 7.241 | 4.27 | 121.9 | -97 | 9.6 | 0.87 |
| 4/12/2012 | 15:30:32 | 19.88 | 1.227 | 18.05 | 6.807 | 4.03 | 135.4 | -129 | 7 | 0.63 |
| 4/12/2012 | 15:35:32 | 19.85 | 1.233 | 18 | 6.678 | 4.02 | 136 | -138 | 5.8 | 0.52 |
| 4/12/2012 | 15:40:32 | 19.82 | 1.235 | 17.97 | 6.621 | 4.02 | 135.9 | -135 | 5.2 | 0.48 |
| 4/12/2012 | 15:45:32 | 19.8 | 1.233 | 17.96 | 6.581 | 4.02 | 136 | -136 | 4.7 | 0.43 |
| 4/12/2012 | 15:50:32 | 19.78 | 1.231 | 17.95 | 6.559 | 4.02 | 136 | -136 | 4.4 | 0.4 |
| 4/12/2012 | 15:55:32 | 19.76 | 1.23 | 17.94 | 6.538 | 4.02 | 136 | -136 | 4.1 | 0.37 |
| 4/12/2012 | 16:00:32 | 19.76 | 1.229 | 17.93 | 6.52 | 4.03 | 135.6 | -136 | 3.9 | 0.36 |
| 4/12/2012 | 16:05:32 | 19.77 | 1.229 | 17.92 | 6.503 | 4.03 | 135.3 | -133 | 3.8 | 0.34 |
| 4/12/2012 | 16:10:32 | 19.76 | 1.229 | 17.92 | 6.489 | 4.03 | 135.3 | -124 | 3.7 | 0.34 |
| 4/12/2012 | 16:15:32 | 19.75 | 1.207 | 17.91 | 6.477 | 4.04 | 134.8 | -120 | 3.7 | 0.33 |
| 4/12/2012 | 16:20:32 | 19.74 | 1.207 | 17.91 | 6.467 | 4.03 | 135.5 | -118 | 3.6 | 0.33 |
| 4/12/2012 | 16:25:32 | 19.74 | 1.205 | 17.9 | 6.455 | 4.02 | 136.1 | -116 | 3.5 | 0.32 |
| 4/12/2012 | 16:30:32 | 19.73 | 1.206 | 17.9 | 6.447 | 3.98 | 138.3 | -119 | 3.5 | 0.32 |
| 4/12/2012 | 16:35:32 | 19.73 | 1.206 | 17.9 | 6.439 | 3.98 | 138.2 | -113 | 3.5 | 0.32 |
| 4/12/2012 | 16:40:32 | 19.72 | 1.206 | 17.89 | 6.432 | 3.97 | 138.4 | -110 | 3.4 | 0.31 |
| 4/12/2012 | 16:45:32 | 19.71 | 1.206 | 17.89 | 6.421 | 3.97 | 138.8 | -113 | 3.4 | 0.31 |
| 4/12/2012 | 16:50:32 | 19.72 | 1.206 | 17.88 | 6.411 | 3.96 | 139 | -112 | 3.3 | 0.3 |
| 4/12/2012 | 16:55:33 | 19.78 | 1.208 | 17.88 | 6.406 | 3.97 | 138.8 | -111 | 3.3 | 0.3 |
| 4/12/2012 | 17:00:33 | 19.75 | 1.21 | 17.88 | 6.4 | 3.97 | 138.4 | -109 | 3.2 | 0.29 |
| 4/12/2012 | 17:05:32 | 19.74 | 1.213 | 17.87 | 6.389 | 3.97 | 138.4 | -108 | 3.2 | 0.29 |
| 4/12/2012 | 17:10:33 | 19.74 | 1.211 | 17.87 | 6.387 | 3.97 | 138.4 | -108 | 3.2 | 0.29 |
| 4/12/2012 | 17:15:32 | 19.76 | 1.211 | 17.87 | 6.382 | 3.97 | 138.5 | -109 | 3.2 | 0.29 |
| 4/12/2012 | 17:20:33 | 19.76 | 1.213 | 17.87 | 6.382 | 3.98 | 138.2 | -108 | 3.2 | 0.29 |
| 4/12/2012 | 17:25:32 | 19.77 | 1.215 | 17.87 | 6.381 | 3.98 | 138.2 | -106 | 3.2 | 0.29 |
| 4/12/2012 | 17:30:33 | 19.76 | 1.215 | 17.87 | 6.377 | 3.98 | 138.2 | -106 | 3.1 | 0.29 |
| 4/12/2012 | 17:35:32 | 19.74 | 1.215 | 17.87 | 6.373 | 3.98 | 137.9 | -106 | 3.1 | 0.28 |
| 4/12/2012 | 17:40:33 | 19.74 | 1.214 | 17.87 | 6.371 | 3.99 | 137.7 | -106 | 3.1 | 0.28 |
| 4/12/2012 | 17:45:33 | 19.73 | 1.214 | 17.86 | 6.366 | 3.99 | 137.7 | -107 | 3.1 | 0.28 |
| 4/12/2012 | 17:50:33 | 19.73 | 1.213 | 17.86 | 6.367 | 3.99 | 137.7 | -107 | 3.1 | 0.28 |
| 4/12/2012 | 17:55:32 | 19.72 | 1.213 | 17.86 | 6.362 | 3.99 | 137.6 | -106 | 3.1 | 0.28 |
| 4/12/2012 | 18:00:33 | 19.76 | 1.215 | 17.86 | 6.364 | 3.99 | 137.5 | -101 | 3.1 | 0.28 |
| 4/12/2012 | 18:05:33 | 19.79 | 1.214 | 17.86 | 6.361 | 4 | 137.1 | -103 | 3 | 0.28 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 18:10:33 | 19.77 | 1.215 | 17.86 | 6.367 | 4 | 137 | -104 | 3 | 0.28 |
| 4/12/2012 | 18:15:33 | 19.75 | 1.215 | 17.86 | 6.363 | 4 | 137.1 | -104 | 3 | 0.28 |
| 4/12/2012 | 18:20:33 | 19.74 | 1.215 | 17.86 | 6.359 | 3.99 | 137.3 | -105 | 3 | 0.28 |
| 4/12/2012 | 18:25:33 | 19.73 | 1.215 | 17.86 | 6.357 | 3.99 | 137.6 | -107 | 3 | 0.28 |
| 4/12/2012 | 18:30:33 | 19.73 | 1.214 | 17.86 | 6.354 | 4 | 137.3 | -107 | 3 | 0.28 |
| 4/12/2012 | 18:35:33 | 19.73 | 1.215 | 17.86 | 6.35 | 4 | 137 | -105 | 3 | 0.27 |
| 4/12/2012 | 18:40:33 | 19.75 | 1.216 | 17.85 | 6.345 | 4 | 136.8 | -105 | 3 | 0.27 |
| 4/12/2012 | 18:45:16 | 19.75 | 1.216 | 17.85 | 6.345 | 4.01 | 136.7 | -105 | 3 | 0.28 |
| 4/12/2012 | 18:50:33 | 19.76 | 1.216 | 17.85 | 6.34 | 4.01 | 136.5 | -104 | 3 | 0.27 |
| 4/12/2012 | 18:55:33 | 19.77 | 1.216 | 17.85 | 6.335 | 4.01 | 136.4 | -104 | 3 | 0.27 |
| 4/12/2012 | 19:00:33 | 19.75 | 1.216 | 17.85 | 6.337 | 4.01 | 136.3 | -104 | 3 | 0.27 |
| 4/12/2012 | 19:05:32 | 19.76 | 1.216 | 17.85 | 6.337 | 4.01 | 136.2 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:10:32 | 19.79 | 1.215 | 17.85 | 6.334 | 4.02 | 136.2 | -102 | 3 | 0.27 |
| 4/12/2012 | 19:15:32 | 19.78 | 1.215 | 17.85 | 6.338 | 4.02 | 136 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:20:33 | 19.78 | 1.215 | 17.85 | 6.339 | 4.02 | 136 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:25:33 | 19.79 | 1.215 | 17.85 | 6.338 | 4.02 | 135.9 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:30:33 | 19.8 | 1.215 | 17.85 | 6.334 | 4.02 | 135.9 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:35:33 | 19.77 | 1.216 | 17.85 | 6.334 | 4.02 | 135.9 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:40:32 | 19.76 | 1.215 | 17.85 | 6.329 | 4.02 | 135.9 | -103 | 3 | 0.27 |
| 4/12/2012 | 19:45:32 | 19.76 | 1.215 | 17.85 | 6.327 | 4.02 | 135.9 | -105 | 3 | 0.27 |
| 4/12/2012 | 19:50:33 | 19.75 | 1.215 | 17.85 | 6.327 | 4.02 | 136 | -105 | 3 | 0.27 |
| 4/12/2012 | 19:55:32 | 19.74 | 1.214 | 17.85 | 6.329 | 4.02 | 135.9 | -105 | 3 | 0.27 |
| 4/12/2012 | 20:00:32 | 19.73 | 1.214 | 17.85 | 6.331 | 4.02 | 135.8 | -105 | 3 | 0.27 |
| 4/12/2012 | 20:05:33 | 19.73 | 1.214 | 17.85 | 6.331 | 4.02 | 135.8 | -106 | 3 | 0.27 |
| 4/12/2012 | 20:10:32 | 19.72 | 1.214 | 17.85 | 6.333 | 4.02 | 135.8 | -106 | 3 | 0.27 |
| 4/12/2012 | 20:15:33 | 19.72 | 1.213 | 17.85 | 6.333 | 4.02 | 135.8 | -105 | 2.9 | 0.27 |
| 4/12/2012 | 20:20:33 | 19.75 | 1.17 | 17.85 | 6.337 | 4.02 | 135.8 | -94 | 2.9 | 0.27 |
| 4/12/2012 | 20:25:32 | 19.74 | 1.171 | 17.85 | 6.336 | 4.02 | 135.7 | -101 | 2.9 | 0.27 |
| 4/12/2012 | 20:30:32 | 19.75 | 1.174 | 17.85 | 6.335 | 4.02 | 135.7 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 20:35:32 | 19.87 | 1.165 | 17.85 | 6.331 | 4.03 | 135.6 | -95 | 2.9 | 0.27 |
| 4/12/2012 | 20:40:32 | 19.84 | 1.165 | 17.85 | 6.332 | 4.03 | 135.5 | -100 | 2.9 | 0.27 |
| 4/12/2012 | 20:45:32 | 19.81 | 1.166 | 17.85 | 6.332 | 4.03 | 135.4 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 20:50:32 | 19.78 | 1.167 | 17.85 | 6.333 | 4.03 | 135.5 | -103 | 2.9 | 0.27 |
| 4/12/2012 | 20:55:32 | 19.78 | 1.168 | 17.85 | 6.33 | 4.03 | 135.6 | -104 | 2.9 | 0.27 |
| 4/12/2012 | 21:00:32 | 19.75 | 1.169 | 17.85 | 6.331 | 4.03 | 135.6 | -105 | 2.9 | 0.27 |
| 4/12/2012 | 21:05:32 | 19.9 | 1.164 | 17.85 | 6.328 | 4.03 | 135.4 | -80 | 2.9 | 0.27 |
| 4/12/2012 | 21:10:33 | 19.85 | 1.163 | 17.85 | 6.328 | 4.03 | 135.3 | -93 | 2.9 | 0.27 |
| 4/12/2012 | 21:15:32 | 19.83 | 1.164 | 17.85 | 6.328 | 4.03 | 135.3 | -100 | 2.9 | 0.26 |
| 4/12/2012 | 21:20:32 | 19.86 | 1.165 | 17.85 | 6.323 | 4.03 | 135.3 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 21:25:32 | 19.82 | 1.165 | 17.85 | 6.322 | 4.03 | 135.3 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 21:30:33 | 19.82 | 1.165 | 17.84 | 6.32 | 4.03 | 135.2 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 21:35:33 | 19.84 | 1.165 | 17.84 | 6.321 | 4.03 | 135.2 | -102 | 2.9 | 0.26 |
| 4/12/2012 | 21:40:32 | 19.81 | 1.165 | 17.84 | 6.32 | 4.04 | 135.1 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 21:45:33 | 19.8 | 1.164 | 17.84 | 6.319 | 4.04 | 135.1 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 21:50:33 | 19.83 | 1.165 | 17.85 | 6.323 | 4.04 | 135 | -100 | 2.9 | 0.26 |
| 4/12/2012 | 21:55:33 | 19.81 | 1.165 | 17.85 | 6.325 | 4.04 | 134.9 | -102 | 2.9 | 0.27 |
| 4/12/2012 | 22:00:33 | 19.8 | 1.165 | 17.84 | 6.32 | 4.04 | 134.9 | -102 | 2.9 | 0.26 |
| 4/12/2012 | 22:05:33 | 19.78 | 1.166 | 17.84 | 6.321 | 4.04 | 134.9 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 22:10:32 | 19.77 | 1.167 | 17.84 | 6.319 | 4.04 | 134.9 | -104 | 2.9 | 0.26 |
| 4/12/2012 | 22:15:33 | 19.77 | 1.166 | 17.84 | 6.316 | 4.04 | 134.9 | -105 | 2.9 | 0.26 |
| 4/12/2012 | 22:20:32 | 19.79 | 1.165 | 17.84 | 6.314 | 4.04 | 134.9 | -100 | 2.9 | 0.26 |
| 4/12/2012 | 22:25:33 | 19.8 | 1.165 | 17.84 | 6.315 | 4.04 | 134.8 | -100 | 2.9 | 0.26 |
| 4/12/2012 | 22:30:33 | 19.79 | 1.164 | 17.84 | 6.313 | 4.04 | 134.8 | -102 | 2.9 | 0.26 |
| 4/12/2012 | 22:35:33 | 19.78 | 1.164 | 17.84 | 6.312 | 4.04 | 134.8 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 22:40:32 | 19.78 | 1.164 | 17.84 | 6.311 | 4.04 | 134.8 | -104 | 2.9 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 22:45:33 | 19.77 | 1.164 | 17.84 | 6.312 | 4.04 | 134.7 | -105 | 2.9 | 0.26 |
| 4/12/2012 | 22:50:33 | 19.77 | 1.164 | 17.84 | 6.312 | 4.04 | 134.7 | -104 | 2.9 | 0.26 |
| 4/12/2012 | 22:55:33 | 19.76 | 1.164 | 17.84 | 6.314 | 4.04 | 134.7 | -105 | 2.9 | 0.26 |
| 4/12/2012 | 23:00:33 | 19.77 | 1.163 | 17.84 | 6.31 | 4.04 | 134.7 | -104 | 2.9 | 0.26 |
| 4/12/2012 | 23:05:33 | 19.78 | 1.163 | 17.84 | 6.31 | 4.04 | 134.6 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 23:10:33 | 19.79 | 1.162 | 17.84 | 6.312 | 4.04 | 134.6 | -102 | 2.9 | 0.26 |
| 4/12/2012 | 23:15:33 | 19.79 | 1.162 | 17.84 | 6.311 | 4.04 | 134.5 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 23:20:33 | 19.79 | 1.162 | 17.84 | 6.308 | 4.04 | 134.5 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 23:25:33 | 19.78 | 1.162 | 17.84 | 6.311 | 4.05 | 134.5 | -104 | 2.9 | 0.26 |
| 4/12/2012 | 23:30:32 | 19.76 | 1.162 | 17.84 | 6.313 | 4.05 | 134.5 | -105 | 2.9 | 0.26 |
| 4/12/2012 | 23:35:32 | 19.75 | 1.163 | 17.84 | 6.306 | 4.04 | 134.5 | -106 | 2.9 | 0.26 |
| 4/12/2012 | 23:40:33 | 19.81 | 1.171 | 17.84 | 6.308 | 4.04 | 134.6 | -100 | 2.9 | 0.26 |
| 4/12/2012 | 23:45:33 | 19.77 | 1.171 | 17.84 | 6.31 | 4.04 | 134.5 | -99 | 2.9 | 0.26 |
| 4/12/2012 | 23:50:33 | 19.77 | 1.17 | 17.84 | 6.307 | 4.05 | 134.5 | -103 | 2.9 | 0.26 |
| 4/12/2012 | 23:55:33 | 19.77 | 1.171 | 17.84 | 6.308 | 4.05 | 134.4 | -103 | 2.9 | 0.26 |
| 4/13/2012 | 0:00:33 | 19.77 | 1.17 | 17.84 | 6.304 | 4.05 | 134.4 | -103 | 2.9 | 0.26 |
| 4/13/2012 | 0:05:33 | 19.76 | 1.17 | 17.84 | 6.303 | 4.05 | 134.4 | -105 | 2.9 | 0.26 |
| 4/13/2012 | 0:10:33 | 19.75 | 1.17 | 17.84 | 6.302 | 4.05 | 134.4 | -107 | 2.9 | 0.26 |
| 4/13/2012 | 0:15:33 | 19.74 | 1.17 | 17.83 | 6.299 | 4.05 | 134.5 | -109 | 2.9 | 0.26 |
| 4/13/2012 | 0:20:32 | 19.73 | 1.17 | 17.83 | 6.298 | 4.05 | 134.5 | -109 | 2.9 | 0.26 |
| 4/13/2012 | 0:25:32 | 19.77 | 1.17 | 17.83 | 6.296 | 4.05 | 134.5 | -105 | 2.9 | 0.26 |
| 4/13/2012 | 0:30:32 | 19.78 | 1.168 | 17.83 | 6.294 | 4.05 | 134.3 | -99 | 2.9 | 0.26 |
| 4/13/2012 | 0:35:33 | 19.77 | 1.167 | 17.83 | 6.295 | 4.05 | 134.3 | -99 | 2.9 | 0.26 |
| 4/13/2012 | 0:40:33 | 19.78 | 1.167 | 17.83 | 6.294 | 4.05 | 134.3 | -102 | 2.9 | 0.26 |
| 4/13/2012 | 0:45:33 | 19.77 | 1.167 | 17.83 | 6.296 | 4.05 | 134.3 | -103 | 2.9 | 0.26 |
| 4/13/2012 | 0:50:33 | 19.77 | 1.167 | 17.83 | 6.297 | 4.05 | 134.2 | -105 | 2.9 | 0.26 |
| 4/13/2012 | 0:55:33 | 19.76 | 1.167 | 17.83 | 6.295 | 4.05 | 134.3 | -106 | 2.8 | 0.26 |
| 4/13/2012 | 1:00:32 | 19.76 | 1.167 | 17.83 | 6.292 | 4.05 | 134.2 | -107 | 2.8 | 0.26 |
| 4/13/2012 | 1:05:33 | 19.75 | 1.166 | 17.83 | 6.294 | 4.05 | 134.3 | -106 | 2.8 | 0.26 |
| 4/13/2012 | 1:10:33 | 19.77 | 1.166 | 17.83 | 6.291 | 4.05 | 134.2 | -105 | 2.8 | 0.26 |
| 4/13/2012 | 1:15:33 | 19.82 | 1.165 | 17.83 | 6.293 | 4.05 | 134.2 | -104 | 2.8 | 0.26 |
| 4/13/2012 | 1:20:33 | 19.83 | 1.166 | 17.83 | 6.289 | 4.05 | 134.1 | -98 | 2.8 | 0.26 |
| 4/13/2012 | 1:25:33 | 19.81 | 1.167 | 17.83 | 6.29 | 4.05 | 134 | -99 | 2.8 | 0.26 |
| 4/13/2012 | 1:30:32 | 19.82 | 1.167 | 17.83 | 6.291 | 4.06 | 134 | -101 | 2.8 | 0.26 |
| 4/13/2012 | 1:35:33 | 19.82 | 1.167 | 17.83 | 6.293 | 4.06 | 134 | -99 | 2.8 | 0.26 |
| 4/13/2012 | 1:40:33 | 19.82 | 1.169 | 17.83 | 6.289 | 4.06 | 134 | -100 | 2.8 | 0.26 |
| 4/13/2012 | 1:45:33 | 19.79 | 1.169 | 17.83 | 6.288 | 4.06 | 133.9 | -101 | 2.8 | 0.26 |
| 4/13/2012 | 1:50:33 | 19.8 | 1.17 | 17.83 | 6.288 | 4.06 | 133.9 | -103 | 2.8 | 0.26 |
| 4/13/2012 | 1:55:33 | 19.82 | 1.167 | 17.83 | 6.284 | 4.06 | 133.9 | -100 | 2.8 | 0.26 |
| 4/13/2012 | 2:00:32 | 19.87 | 1.166 | 17.83 | 6.285 | 4.06 | 133.9 | -99 | 2.8 | 0.26 |
| 4/13/2012 | 2:05:33 | 19.82 | 1.167 | 17.83 | 6.279 | 4.06 | 133.8 | -100 | 2.8 | 0.25 |
| 4/13/2012 | 2:10:33 | 19.83 | 1.17 | 17.83 | 6.278 | 4.06 | 133.8 | -101 | 2.8 | 0.26 |
| 4/13/2012 | 2:15:33 | 19.79 | 1.235 | 17.83 | 6.276 | 4.06 | 133.8 | -103 | 2.8 | 0.26 |
| 4/13/2012 | 2:20:32 | 19.78 | 1.238 | 17.83 | 6.275 | 4.06 | 133.9 | -104 | 2.8 | 0.26 |
| 4/13/2012 | 2:25:33 | 19.77 | 1.238 | 17.82 | 6.272 | 4.06 | 133.9 | -105 | 2.8 | 0.26 |
| 4/13/2012 | 2:30:32 | 19.83 | 1.235 | 17.82 | 6.271 | 4.06 | 133.8 | -105 | 2.8 | 0.26 |
| 4/13/2012 | 2:35:33 | 19.8 | 1.237 | 17.82 | 6.27 | 4.06 | 133.7 | -102 | 2.8 | 0.26 |
| 4/13/2012 | 2:40:33 | 19.8 | 1.236 | 17.82 | 6.267 | 4.06 | 133.7 | -103 | 2.8 | 0.26 |
| 4/13/2012 | 2:45:33 | 19.82 | 1.235 | 17.82 | 6.266 | 4.06 | 133.7 | -102 | 2.8 | 0.25 |
| 4/13/2012 | 2:50:33 | 19.78 | 1.235 | 17.82 | 6.266 | 4.06 | 133.7 | -103 | 2.8 | 0.26 |
| 4/13/2012 | 2:55:33 | 19.77 | 1.236 | 17.82 | 6.266 | 4.06 | 133.7 | -106 | 2.8 | 0.26 |
| 4/13/2012 | 3:00:33 | 19.84 | 1.235 | 17.82 | 6.264 | 4.06 | 133.8 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 3:05:33 | 19.81 | 1.236 | 17.82 | 6.263 | 4.06 | 133.7 | -102 | 2.8 | 0.25 |
| 4/13/2012 | 3:10:32 | 19.84 | 1.237 | 17.82 | 6.263 | 4.06 | 133.7 | -103 | 2.8 | 0.26 |
| 4/13/2012 | 3:15:33 | 19.8 | 1.238 | 17.82 | 6.258 | 4.06 | 133.7 | -102 | 2.8 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 3:20:33 | 19.82 | 1.238 | 17.82 | 6.259 | 4.06 | 133.6 | -100 | 2.8 | 0.25 |
| 4/13/2012 | 3:25:33 | 19.83 | 1.237 | 17.82 | 6.262 | 4.06 | 133.6 | -101 | 2.8 | 0.26 |
| 4/13/2012 | 3:30:33 | 19.8 | 1.238 | 17.82 | 6.262 | 4.06 | 133.5 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 3:35:33 | 19.79 | 1.238 | 17.82 | 6.258 | 4.06 | 133.6 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 3:40:33 | 19.78 | 1.238 | 17.82 | 6.258 | 4.06 | 133.5 | -104 | 2.8 | 0.26 |
| 4/13/2012 | 3:45:33 | 19.83 | 1.236 | 17.82 | 6.259 | 4.06 | 133.5 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 3:50:33 | 19.79 | 1.238 | 17.82 | 6.257 | 4.06 | 133.5 | -102 | 2.8 | 0.25 |
| 4/13/2012 | 3:55:33 | 19.82 | 1.237 | 17.81 | 6.247 | 4.06 | 133.5 | -104 | 2.8 | 0.25 |
| 4/13/2012 | 4:00:33 | 19.8 | 1.237 | 17.81 | 6.245 | 4.06 | 133.5 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 4:05:33 | 19.79 | 1.238 | 17.81 | 6.244 | 4.06 | 133.5 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 4:10:33 | 19.81 | 1.237 | 17.81 | 6.245 | 4.06 | 133.5 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 4:15:33 | 19.92 | 1.235 | 17.81 | 6.247 | 4.07 | 133.5 | -101 | 2.8 | 0.25 |
| 4/13/2012 | 4:20:33 | 19.9 | 1.235 | 17.81 | 6.248 | 4.07 | 133.4 | -102 | 2.8 | 0.25 |
| 4/13/2012 | 4:25:33 | 19.85 | 1.236 | 17.81 | 6.246 | 4.07 | 133.4 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 4:30:33 | 19.84 | 1.237 | 17.81 | 6.248 | 4.07 | 133.5 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 4:35:33 | 19.79 | 1.236 | 17.81 | 6.245 | 4.06 | 133.5 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 4:40:33 | 19.84 | 1.235 | 17.81 | 6.247 | 4.06 | 133.5 | -106 | 2.8 | 0.25 |
| 4/13/2012 | 4:45:33 | 19.89 | 1.235 | 17.81 | 6.248 | 4.07 | 133.4 | -104 | 2.8 | 0.25 |
| 4/13/2012 | 4:50:33 | 19.89 | 1.236 | 17.81 | 6.247 | 4.07 | 133.4 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 4:55:32 | 19.85 | 1.236 | 17.81 | 6.248 | 4.07 | 133.4 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 5:00:32 | 19.9 | 1.235 | 17.81 | 6.247 | 4.07 | 133.4 | -104 | 2.8 | 0.25 |
| 4/13/2012 | 5:05:32 | 19.9 | 1.236 | 17.81 | 6.249 | 4.07 | 133.4 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 5:10:33 | 19.86 | 1.237 | 17.81 | 6.25 | 4.07 | 133.4 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 5:15:33 | 19.83 | 1.236 | 17.81 | 6.251 | 4.07 | 133.4 | -106 | 2.8 | 0.25 |
| 4/13/2012 | 5:20:33 | 19.88 | 1.236 | 17.82 | 6.253 | 4.07 | 133.4 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 5:25:33 | 19.84 | 1.237 | 17.82 | 6.253 | 4.07 | 133.4 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 5:30:33 | 19.85 | 1.236 | 17.81 | 6.25 | 4.07 | 133.4 | -106 | 2.8 | 0.25 |
| 4/13/2012 | 5:35:33 | 19.92 | 1.235 | 17.81 | 6.252 | 4.07 | 133.4 | -103 | 2.8 | 0.25 |
| 4/13/2012 | 5:40:33 | 19.94 | 1.234 | 17.82 | 6.254 | 4.07 | 133.5 | -102 | 2.8 | 0.25 |
| 4/13/2012 | 5:45:33 | 19.91 | 1.235 | 17.82 | 6.257 | 4.07 | 133.4 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 5:50:32 | 19.86 | 1.236 | 17.82 | 6.259 | 4.07 | 133.4 | -107 | 2.8 | 0.25 |
| 4/13/2012 | 5:55:33 | 19.85 | 1.236 | 17.82 | 6.259 | 4.07 | 133.4 | -107 | 2.8 | 0.25 |
| 4/13/2012 | 6:00:33 | 19.83 | 1.236 | 17.82 | 6.261 | 4.07 | 133.4 | -109 | 2.8 | 0.25 |
| 4/13/2012 | 6:05:33 | 19.83 | 1.236 | 17.82 | 6.263 | 4.07 | 133.4 | -111 | 2.8 | 0.25 |
| 4/13/2012 | 6:10:33 | 19.83 | 1.236 | 17.82 | 6.268 | 4.07 | 133.4 | -110 | 2.8 | 0.25 |
| 4/13/2012 | 6:15:33 | 19.81 | 1.236 | 17.82 | 6.269 | 4.07 | 133.4 | -109 | 2.8 | 0.25 |
| 4/13/2012 | 6:20:33 | 19.82 | 1.236 | 17.82 | 6.27 | 4.06 | 133.5 | -110 | 2.8 | 0.25 |
| 4/13/2012 | 6:25:33 | 19.8 | 1.236 | 17.82 | 6.273 | 4.06 | 133.4 | -111 | 2.8 | 0.25 |
| 4/13/2012 | 6:30:32 | 19.85 | 1.236 | 17.82 | 6.273 | 4.07 | 133.4 | -110 | 2.8 | 0.25 |
| 4/13/2012 | 6:35:32 | 19.83 | 1.237 | 17.83 | 6.277 | 4.07 | 133.4 | -107 | 2.8 | 0.25 |
| 4/13/2012 | 6:40:32 | 19.81 | 1.237 | 17.83 | 6.279 | 4.07 | 133.4 | -109 | 2.8 | 0.25 |
| 4/13/2012 | 6:45:33 | 19.8 | 1.236 | 17.83 | 6.282 | 4.07 | 133.4 | -110 | 2.8 | 0.25 |
| 4/13/2012 | 6:50:33 | 19.79 | 1.237 | 17.83 | 6.283 | 4.06 | 133.4 | -112 | 2.8 | 0.25 |
| 4/13/2012 | 6:55:33 | 19.9 | 1.236 | 17.83 | 6.287 | 4.07 | 133.4 | -107 | 2.8 | 0.25 |
| 4/13/2012 | 7:00:33 | 19.87 | 1.236 | 17.83 | 6.289 | 4.07 | 133.4 | -105 | 2.8 | 0.25 |
| 4/13/2012 | 7:05:33 | 19.84 | 1.236 | 17.83 | 6.29 | 4.07 | 133.4 | -107 | 2.8 | 0.25 |
| 4/13/2012 | 7:10:32 | 19.86 | 1.236 | 17.83 | 6.293 | 4.07 | 133.4 | -109 | 2.7 | 0.25 |
| 4/13/2012 | 7:15:33 | 19.86 | 1.237 | 17.83 | 6.293 | 4.07 | 133.4 | -107 | 2.7 | 0.25 |
| 4/13/2012 | 7:20:33 | 19.87 | 1.236 | 17.83 | 6.296 | 4.07 | 133.3 | -108 | 2.7 | 0.25 |
| 4/13/2012 | 7:25:33 | 19.89 | 1.236 | 17.83 | 6.295 | 4.07 | 133.4 | -106 | 2.8 | 0.25 |
| 4/13/2012 | 7:30:33 | 19.88 | 1.236 | 17.83 | 6.298 | 4.07 | 133.3 | -107 | 2.7 | 0.25 |
| 4/13/2012 | 7:35:33 | 19.84 | 1.236 | 17.84 | 6.3 | 4.07 | 133.4 | -107 | 2.8 | 0.25 |
| 4/13/2012 | 7:40:33 | 19.83 | 1.237 | 17.84 | 6.304 | 4.07 | 133.4 | -109 | 2.7 | 0.25 |
| 4/13/2012 | 7:45:33 | 19.81 | 1.237 | 17.84 | 6.305 | 4.07 | 133.3 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 7:50:32 | 19.85 | 1.236 | 17.84 | 6.306 | 4.07 | 133.4 | -111 | 2.7 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 7:55:33 | 19.83 | 1.237 | 17.84 | 6.307 | 4.07 | 133.3 | -109 | 2.8 | 0.25 |
| 4/13/2012 | 8:00:33 | 19.88 | 1.235 | 17.84 | 6.306 | 4.07 | 133.3 | -108 | 2.7 | 0.25 |
| 4/13/2012 | 8:05:33 | 19.85 | 1.236 | 17.84 | 6.309 | 4.07 | 133.2 | -108 | 2.8 | 0.25 |
| 4/13/2012 | 8:10:33 | 19.83 | 1.236 | 17.84 | 6.309 | 4.07 | 133.2 | -109 | 2.7 | 0.25 |
| 4/13/2012 | 8:15:33 | 19.81 | 1.236 | 17.84 | 6.31 | 4.07 | 133.3 | -110 | 2.7 | 0.25 |
| 4/13/2012 | 8:20:33 | 19.8 | 1.236 | 17.84 | 6.314 | 4.07 | 133.2 | -112 | 2.7 | 0.25 |
| 4/13/2012 | 8:25:32 | 19.79 | 1.236 | 17.84 | 6.315 | 4.07 | 133.3 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 8:30:33 | 19.8 | 1.236 | 17.84 | 6.315 | 4.07 | 133.3 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 8:35:33 | 19.81 | 1.237 | 17.84 | 6.317 | 4.07 | 133.2 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 8:40:33 | 19.8 | 1.236 | 17.84 | 6.32 | 4.07 | 133.2 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 8:45:33 | 19.8 | 1.236 | 17.84 | 6.32 | 4.07 | 133.2 | -112 | 2.7 | 0.25 |
| 4/13/2012 | 8:50:33 | 19.83 | 1.236 | 17.84 | 6.32 | 4.07 | 133.2 | -110 | 2.7 | 0.25 |
| 4/13/2012 | 8:55:33 | 19.81 | 1.236 | 17.84 | 6.321 | 4.07 | 133.1 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 9:00:32 | 19.8 | 1.236 | 17.85 | 6.322 | 4.07 | 133.1 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 9:05:33 | 19.81 | 1.236 | 17.85 | 6.321 | 4.07 | 133.1 | -112 | 2.7 | 0.25 |
| 4/13/2012 | 9:10:33 | 19.8 | 1.236 | 17.84 | 6.32 | 4.07 | 133.1 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 9:15:33 | 19.81 | 1.236 | 17.84 | 6.319 | 4.07 | 133.1 | -112 | 2.7 | 0.25 |
| 4/13/2012 | 9:20:33 | 19.79 | 1.236 | 17.84 | 6.321 | 4.07 | 133.1 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 9:25:33 | 19.79 | 1.235 | 17.84 | 6.321 | 4.07 | 133.1 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 9:30:33 | 19.77 | 1.236 | 17.85 | 6.322 | 4.07 | 133.1 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 9:35:33 | 19.8 | 1.235 | 17.84 | 6.321 | 4.07 | 133.2 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 9:40:32 | 19.84 | 1.235 | 17.85 | 6.324 | 4.07 | 133.1 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 9:45:33 | 19.83 | 1.235 | 17.85 | 6.323 | 4.07 | 133 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 9:50:33 | 19.83 | 1.236 | 17.85 | 6.325 | 4.07 | 132.9 | -110 | 2.7 | 0.25 |
| 4/13/2012 | 9:55:32 | 19.83 | 1.235 | 17.85 | 6.327 | 4.07 | 132.9 | -110 | 2.7 | 0.25 |
| 4/13/2012 | 10:00:33 | 19.82 | 1.235 | 17.85 | 6.325 | 4.07 | 132.9 | -110 | 2.7 | 0.25 |
| 4/13/2012 | 10:05:33 | 19.82 | 1.234 | 17.85 | 6.326 | 4.07 | 132.9 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 10:10:32 | 19.83 | 1.235 | 17.85 | 6.325 | 4.08 | 132.9 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 10:15:33 | 19.8 | 1.234 | 17.84 | 6.318 | 4.07 | 132.9 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 10:20:33 | 19.81 | 1.234 | 17.84 | 6.317 | 4.07 | 132.9 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 10:25:33 | 19.79 | 1.234 | 17.84 | 6.317 | 4.07 | 132.9 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 10:30:33 | 19.79 | 1.234 | 17.84 | 6.32 | 4.07 | 132.9 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 10:35:32 | 19.79 | 1.234 | 17.84 | 6.321 | 4.07 | 132.9 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 10:40:33 | 19.77 | 1.234 | 17.85 | 6.322 | 4.07 | 132.9 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 10:45:33 | 19.79 | 1.234 | 17.85 | 6.322 | 4.07 | 132.9 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 10:50:33 | 19.82 | 1.234 | 17.84 | 6.32 | 4.08 | 132.9 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 10:55:33 | 19.9 | 1.233 | 17.85 | 6.323 | 4.08 | 132.8 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 11:00:33 | 19.86 | 1.233 | 17.85 | 6.324 | 4.08 | 132.8 | -111 | 2.7 | 0.25 |
| 4/13/2012 | 11:05:33 | 19.87 | 1.233 | 17.84 | 6.32 | 4.08 | 132.8 | -110 | 2.7 | 0.25 |
| 4/13/2012 | 11:10:33 | 19.83 | 1.232 | 17.84 | 6.319 | 4.08 | 132.8 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 11:15:33 | 19.82 | 1.233 | 17.84 | 6.317 | 4.08 | 132.8 | -114 | 2.7 | 0.25 |
| 4/13/2012 | 11:20:33 | 19.8 | 1.233 | 17.84 | 6.319 | 4.08 | 132.8 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 11:25:33 | 19.84 | 1.232 | 17.84 | 6.318 | 4.08 | 132.8 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 11:30:32 | 19.85 | 1.232 | 17.84 | 6.317 | 4.08 | 132.7 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 11:35:33 | 19.83 | 1.232 | 17.84 | 6.318 | 4.08 | 132.7 | -114 | 2.7 | 0.25 |
| 4/13/2012 | 11:40:33 | 19.85 | 1.232 | 17.84 | 6.317 | 4.08 | 132.7 | -113 | 2.7 | 0.25 |
| 4/13/2012 | 11:45:33 | 19.84 | 1.232 | 17.84 | 6.318 | 4.08 | 132.6 | -114 | 2.7 | 0.25 |
| 4/13/2012 | 11:50:33 | 19.82 | 1.232 | 17.84 | 6.314 | 4.08 | 132.6 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 11:55:33 | 19.85 | 1.231 | 17.84 | 6.313 | 4.08 | 132.7 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 12:00:33 | 19.85 | 1.232 | 17.84 | 6.31 | 4.08 | 132.6 | -114 | 2.7 | 0.25 |
| 4/13/2012 | 12:05:33 | 19.82 | 1.232 | 17.84 | 6.307 | 4.08 | 132.6 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 12:10:33 | 19.82 | 1.231 | 17.84 | 6.307 | 4.08 | 132.6 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 12:15:33 | 19.85 | 1.232 | 17.84 | 6.299 | 4.08 | 132.6 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 12:20:33 | 19.82 | 1.232 | 17.83 | 6.299 | 4.08 | 132.6 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 12:25:33 | 19.81 | 1.231 | 17.83 | 6.297 | 4.08 | 132.6 | -117 | 2.7 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 12:30:33 | 19.81 | 1.231 | 17.83 | 6.295 | 4.08 | 132.6 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 12:35:32 | 19.81 | 1.231 | 17.83 | 6.296 | 4.08 | 132.5 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 12:40:33 | 19.84 | 1.231 | 17.83 | 6.295 | 4.08 | 132.5 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 12:45:32 | 19.9 | 1.23 | 17.83 | 6.292 | 4.08 | 132.5 | -115 | 2.7 | 0.25 |
| 4/13/2012 | 12:50:33 | 19.84 | 1.231 | 17.83 | 6.292 | 4.08 | 132.5 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 12:55:33 | 19.87 | 1.23 | 17.83 | 6.287 | 4.08 | 132.5 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 13:00:33 | 19.87 | 1.231 | 17.83 | 6.285 | 4.08 | 132.4 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 13:05:33 | 19.83 | 1.231 | 17.83 | 6.286 | 4.08 | 132.4 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 13:10:33 | 19.83 | 1.231 | 17.83 | 6.282 | 4.08 | 132.4 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 13:15:33 | 19.88 | 1.231 | 17.83 | 6.28 | 4.08 | 132.4 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 13:20:33 | 19.89 | 1.231 | 17.83 | 6.28 | 4.08 | 132.4 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 13:25:33 | 19.93 | 1.229 | 17.83 | 6.277 | 4.09 | 132.4 | -115 | 2.7 | 0.24 |
| 4/13/2012 | 13:30:33 | 19.89 | 1.23 | 17.83 | 6.276 | 4.08 | 132.4 | -116 | 2.7 | 0.25 |
| 4/13/2012 | 13:35:33 | 19.86 | 1.23 | 17.83 | 6.277 | 4.08 | 132.4 | -118 | 2.7 | 0.24 |
| 4/13/2012 | 13:40:33 | 19.85 | 1.23 | 17.82 | 6.274 | 4.08 | 132.4 | -119 | 2.7 | 0.25 |
| 4/13/2012 | 13:45:33 | 19.82 | 1.23 | 17.82 | 6.273 | 4.08 | 132.3 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 13:50:33 | 19.82 | 1.23 | 17.82 | 6.268 | 4.08 | 132.4 | -121 | 2.7 | 0.25 |
| 4/13/2012 | 13:55:33 | 19.83 | 1.23 | 17.82 | 6.27 | 4.08 | 132.4 | -121 | 2.7 | 0.25 |
| 4/13/2012 | 14:00:32 | 19.81 | 1.23 | 17.82 | 6.268 | 4.08 | 132.4 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 14:05:33 | 19.88 | 1.229 | 17.82 | 6.269 | 4.09 | 132.3 | -118 | 2.7 | 0.25 |
| 4/13/2012 | 14:10:33 | 19.85 | 1.23 | 17.82 | 6.268 | 4.09 | 132.3 | -119 | 2.7 | 0.25 |
| 4/13/2012 | 14:15:33 | 19.84 | 1.23 | 17.82 | 6.268 | 4.08 | 132.3 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 14:20:32 | 19.86 | 1.23 | 17.82 | 6.267 | 4.09 | 132.3 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 14:25:33 | 19.88 | 1.23 | 17.82 | 6.268 | 4.09 | 132.3 | -118 | 2.7 | 0.25 |
| 4/13/2012 | 14:30:32 | 19.84 | 1.23 | 17.82 | 6.265 | 4.09 | 132.3 | -118 | 2.7 | 0.24 |
| 4/13/2012 | 14:35:33 | 19.88 | 1.229 | 17.82 | 6.264 | 4.09 | 132.3 | -119 | 2.7 | 0.24 |
| 4/13/2012 | 14:40:33 | 19.83 | 1.23 | 17.82 | 6.264 | 4.08 | 132.3 | -119 | 2.7 | 0.25 |
| 4/13/2012 | 14:45:33 | 19.84 | 1.23 | 17.82 | 6.266 | 4.08 | 132.4 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 14:50:33 | 19.83 | 1.23 | 17.82 | 6.266 | 4.08 | 132.4 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 14:55:32 | 19.82 | 1.23 | 17.82 | 6.265 | 4.08 | 132.3 | -119 | 2.7 | 0.25 |
| 4/13/2012 | 15:00:32 | 19.82 | 1.23 | 17.82 | 6.267 | 4.08 | 132.4 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 15:05:33 | 19.82 | 1.23 | 17.82 | 6.269 | 4.09 | 132.3 | -121 | 2.7 | 0.25 |
| 4/13/2012 | 15:10:33 | 19.86 | 1.23 | 17.82 | 6.268 | 4.08 | 132.4 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 15:15:33 | 19.85 | 1.231 | 17.82 | 6.263 | 4.09 | 132.3 | -119 | 2.7 | 0.25 |
| 4/13/2012 | 15:20:33 | 19.85 | 1.23 | 17.82 | 6.261 | 4.09 | 132.3 | -119 | 2.7 | 0.25 |
| 4/13/2012 | 15:25:32 | 19.89 | 1.23 | 17.82 | 6.258 | 4.09 | 132.4 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 15:30:33 | 19.86 | 1.23 | 17.81 | 6.246 | 4.09 | 132.3 | -119 | 2.7 | 0.24 |
| 4/13/2012 | 15:35:33 | 19.85 | 1.23 | 17.81 | 6.246 | 4.09 | 132.3 | -120 | 2.7 | 0.24 |
| 4/13/2012 | 15:40:33 | 19.92 | 1.228 | 17.81 | 6.249 | 4.09 | 132.3 | -119 | 2.7 | 0.24 |
| 4/13/2012 | 15:45:33 | 19.93 | 1.229 | 17.81 | 6.25 | 4.09 | 132.3 | -117 | 2.7 | 0.25 |
| 4/13/2012 | 15:50:33 | 19.9 | 1.229 | 17.81 | 6.252 | 4.09 | 132.3 | -118 | 2.7 | 0.24 |
| 4/13/2012 | 15:55:33 | 19.93 | 1.229 | 17.82 | 6.258 | 4.09 | 132.3 | -120 | 2.7 | 0.24 |
| 4/13/2012 | 16:00:33 | 19.9 | 1.23 | 17.82 | 6.258 | 4.09 | 132.3 | -120 | 2.7 | 0.24 |
| 4/13/2012 | 16:05:33 | 19.88 | 1.229 | 17.82 | 6.258 | 4.09 | 132.3 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 16:10:33 | 19.87 | 1.229 | 17.82 | 6.26 | 4.09 | 132.3 | -121 | 2.7 | 0.24 |
| 4/13/2012 | 16:15:33 | 19.86 | 1.229 | 17.82 | 6.26 | 4.09 | 132.3 | -121 | 2.7 | 0.25 |
| 4/13/2012 | 16:20:33 | 19.92 | 1.228 | 17.82 | 6.265 | 4.09 | 132.3 | -121 | 2.7 | 0.25 |
| 4/13/2012 | 16:25:33 | 19.93 | 1.229 | 17.82 | 6.264 | 4.09 | 132.3 | -119 | 2.7 | 0.24 |
| 4/13/2012 | 16:30:33 | 19.87 | 1.23 | 17.82 | 6.267 | 4.09 | 132.3 | -120 | 2.7 | 0.25 |
| 4/13/2012 | 16:35:33 | 19.85 | 1.229 | 17.82 | 6.262 | 4.09 | 132.3 | -121 | 2.7 | 0.24 |
| 4/13/2012 | 16:40:33 | 19.84 | 1.23 | 17.82 | 6.258 | 4.09 | 132.3 | -123 | 2.7 | 0.25 |
| 4/13/2012 | 16:45:33 | 19.82 | 1.23 | 17.82 | 6.262 | 4.09 | 132.3 | -123 | 2.7 | 0.25 |
| 4/13/2012 | 16:50:33 | 19.85 | 1.23 | 17.82 | 6.263 | 4.09 | 132.3 | -122 | 2.7 | 0.25 |
| 4/13/2012 | 16:55:33 | 19.85 | 1.23 | 17.82 | 6.262 | 4.09 | 132.2 | -122 | 2.7 | 0.25 |
| 4/13/2012 | 17:00:33 | 19.84 | 1.23 | 17.82 | 6.261 | 4.09 | 132.3 | -122 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 17:05:33 | 19.83 | 1.229 | 17.82 | 6.261 | 4.09 | 132.3 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 17:10:33 | 19.81 | 1.229 | 17.82 | 6.264 | 4.09 | 132.3 | -123 | 2.7 | 0.25 |
| 4/13/2012 | 17:15:33 | 19.8 | 1.23 | 17.82 | 6.265 | 4.09 | 132.3 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 17:20:33 | 19.81 | 1.23 | 17.82 | 6.267 | 4.09 | 132.3 | -125 | 2.7 | 0.25 |
| 4/13/2012 | 17:25:33 | 19.8 | 1.23 | 17.82 | 6.267 | 4.09 | 132.3 | -125 | 2.7 | 0.25 |
| 4/13/2012 | 17:30:33 | 19.81 | 1.231 | 17.82 | 6.27 | 4.09 | 132.3 | -125 | 2.7 | 0.25 |
| 4/13/2012 | 17:35:33 | 19.86 | 1.23 | 17.82 | 6.274 | 4.09 | 132.3 | -123 | 2.7 | 0.25 |
| 4/13/2012 | 17:40:33 | 19.83 | 1.23 | 17.82 | 6.273 | 4.09 | 132.3 | -123 | 2.7 | 0.25 |
| 4/13/2012 | 17:45:33 | 19.82 | 1.229 | 17.82 | 6.274 | 4.09 | 132.2 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 17:50:33 | 19.8 | 1.23 | 17.83 | 6.276 | 4.09 | 132.2 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 17:55:33 | 19.81 | 1.23 | 17.83 | 6.276 | 4.09 | 132.2 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 18:00:33 | 19.85 | 1.229 | 17.83 | 6.28 | 4.09 | 132.2 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 18:05:33 | 19.81 | 1.23 | 17.83 | 6.281 | 4.09 | 132.2 | -125 | 2.7 | 0.25 |
| 4/13/2012 | 18:10:33 | 19.81 | 1.23 | 17.83 | 6.281 | 4.09 | 132.2 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 18:15:33 | 19.83 | 1.229 | 17.83 | 6.283 | 4.09 | 132.2 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 18:20:33 | 19.82 | 1.23 | 17.83 | 6.283 | 4.09 | 132.2 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 18:25:33 | 19.9 | 1.229 | 17.83 | 6.282 | 4.09 | 132.2 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 18:30:33 | 19.86 | 1.23 | 17.83 | 6.279 | 4.09 | 132.1 | -122 | 2.7 | 0.24 |
| 4/13/2012 | 18:35:33 | 19.9 | 1.229 | 17.83 | 6.281 | 4.09 | 132.1 | -121 | 2.7 | 0.24 |
| 4/13/2012 | 18:40:33 | 19.89 | 1.229 | 17.83 | 6.284 | 4.09 | 132.1 | -122 | 2.7 | 0.24 |
| 4/13/2012 | 18:45:32 | 19.85 | 1.229 | 17.83 | 6.283 | 4.09 | 132.1 | -122 | 2.7 | 0.24 |
| 4/13/2012 | 18:50:33 | 19.85 | 1.229 | 17.83 | 6.281 | 4.09 | 132.1 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 18:55:33 | 19.84 | 1.229 | 17.83 | 6.28 | 4.09 | 132.1 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 19:00:32 | 19.84 | 1.229 | 17.83 | 6.28 | 4.09 | 132.2 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 19:05:33 | 19.91 | 1.228 | 17.83 | 6.281 | 4.09 | 132.3 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 19:10:33 | 19.87 | 1.229 | 17.83 | 6.282 | 4.09 | 132.1 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 19:15:33 | 19.9 | 1.228 | 17.83 | 6.281 | 4.09 | 132.1 | -123 | 2.7 | 0.25 |
| 4/13/2012 | 19:20:33 | 19.89 | 1.229 | 17.83 | 6.285 | 4.09 | 132.1 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 19:25:33 | 19.86 | 1.228 | 17.83 | 6.282 | 4.09 | 132.1 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 19:30:33 | 19.9 | 1.227 | 17.83 | 6.283 | 4.09 | 132.1 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 19:35:33 | 19.87 | 1.228 | 17.83 | 6.286 | 4.09 | 132.1 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 19:40:33 | 19.91 | 1.225 | 17.83 | 6.288 | 4.09 | 132.1 | -122 | 2.7 | 0.25 |
| 4/13/2012 | 19:45:33 | 19.92 | 1.227 | 17.83 | 6.291 | 4.09 | 132.1 | -122 | 2.7 | 0.24 |
| 4/13/2012 | 19:50:32 | 19.88 | 1.227 | 17.83 | 6.289 | 4.09 | 132.1 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 19:55:33 | 19.9 | 1.227 | 17.83 | 6.291 | 4.09 | 132.1 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 20:00:32 | 19.9 | 1.227 | 17.83 | 6.294 | 4.09 | 132.1 | -124 | 2.7 | 0.25 |
| 4/13/2012 | 20:05:33 | 19.9 | 1.227 | 17.83 | 6.294 | 4.09 | 132.1 | -123 | 2.7 | 0.24 |
| 4/13/2012 | 20:10:33 | 19.86 | 1.227 | 17.83 | 6.296 | 4.09 | 132.1 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 20:15:33 | 19.86 | 1.227 | 17.83 | 6.295 | 4.09 | 132.1 | -126 | 2.7 | 0.24 |
| 4/13/2012 | 20:20:33 | 19.85 | 1.227 | 17.83 | 6.298 | 4.09 | 132.1 | -126 | 2.7 | 0.25 |
| 4/13/2012 | 20:25:33 | 19.83 | 1.227 | 17.83 | 6.299 | 4.09 | 132.1 | -125 | 2.7 | 0.25 |
| 4/13/2012 | 20:30:33 | 19.82 | 1.227 | 17.84 | 6.301 | 4.09 | 132.1 | -126 | 2.7 | 0.25 |
| 4/13/2012 | 20:35:33 | 19.82 | 1.227 | 17.84 | 6.302 | 4.09 | 132.1 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 20:40:33 | 19.85 | 1.227 | 17.84 | 6.302 | 4.09 | 132 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 20:45:33 | 19.89 | 1.227 | 17.84 | 6.302 | 4.09 | 132 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 20:50:33 | 19.9 | 1.226 | 17.84 | 6.306 | 4.09 | 132 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 20:55:32 | 19.87 | 1.227 | 17.84 | 6.306 | 4.09 | 132 | -124 | 2.7 | 0.24 |
| 4/13/2012 | 21:00:33 | 19.85 | 1.226 | 17.84 | 6.307 | 4.09 | 132 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 21:05:33 | 19.86 | 1.226 | 17.84 | 6.31 | 4.09 | 132 | -126 | 2.7 | 0.24 |
| 4/13/2012 | 21:10:33 | 19.86 | 1.226 | 17.84 | 6.311 | 4.09 | 132 | -126 | 2.7 | 0.24 |
| 4/13/2012 | 21:15:32 | 19.84 | 1.226 | 17.84 | 6.31 | 4.09 | 132 | -127 | 2.7 | 0.25 |
| 4/13/2012 | 21:20:33 | 19.82 | 1.226 | 17.84 | 6.309 | 4.09 | 132 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 21:25:33 | 19.86 | 1.226 | 17.84 | 6.309 | 4.09 | 132 | -127 | 2.7 | 0.25 |
| 4/13/2012 | 21:30:33 | 19.91 | 1.225 | 17.84 | 6.309 | 4.09 | 131.9 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 21:35:33 | 19.87 | 1.225 | 17.84 | 6.312 | 4.09 | 131.9 | -125 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 21:40:33 | 19.89 | 1.224 | 17.84 | 6.308 | 4.09 | 131.9 | -126 | 2.7 | 0.25 |
| 4/13/2012 | 21:45:33 | 19.86 | 1.225 | 17.83 | 6.294 | 4.09 | 131.9 | -126 | 2.7 | 0.24 |
| 4/13/2012 | 21:50:33 | 19.84 | 1.224 | 17.83 | 6.298 | 4.09 | 131.9 | -126 | 2.7 | 0.25 |
| 4/13/2012 | 21:55:33 | 19.84 | 1.224 | 17.84 | 6.301 | 4.09 | 131.9 | -127 | 2.7 | 0.25 |
| 4/13/2012 | 22:00:33 | 19.82 | 1.224 | 17.84 | 6.301 | 4.09 | 131.9 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 22:05:33 | 19.81 | 1.224 | 17.83 | 6.298 | 4.09 | 131.9 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 22:10:32 | 19.82 | 1.224 | 17.84 | 6.3 | 4.09 | 131.8 | -128 | 2.7 | 0.24 |
| 4/13/2012 | 22:15:33 | 19.84 | 1.223 | 17.83 | 6.298 | 4.09 | 131.8 | -129 | 2.7 | 0.25 |
| 4/13/2012 | 22:20:33 | 19.82 | 1.224 | 17.84 | 6.302 | 4.09 | 131.8 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 22:25:33 | 19.82 | 1.224 | 17.84 | 6.301 | 4.09 | 131.8 | -129 | 2.7 | 0.25 |
| 4/13/2012 | 22:30:33 | 19.93 | 1.222 | 17.84 | 6.301 | 4.1 | 131.8 | -125 | 2.7 | 0.24 |
| 4/13/2012 | 22:35:32 | 19.91 | 1.222 | 17.84 | 6.299 | 4.1 | 131.8 | -127 | 2.7 | 0.24 |
| 4/13/2012 | 22:40:33 | 19.89 | 1.222 | 17.84 | 6.303 | 4.1 | 131.7 | -126 | 2.7 | 0.24 |
| 4/13/2012 | 22:45:33 | 19.87 | 1.223 | 17.84 | 6.303 | 4.1 | 131.7 | -126 | 2.7 | 0.24 |
| 4/13/2012 | 22:50:33 | 19.84 | 1.222 | 17.84 | 6.299 | 4.1 | 131.7 | -127 | 2.7 | 0.25 |
| 4/13/2012 | 22:55:33 | 19.82 | 1.222 | 17.83 | 6.298 | 4.1 | 131.8 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 23:00:33 | 19.81 | 1.222 | 17.83 | 6.296 | 4.09 | 131.8 | -129 | 2.7 | 0.25 |
| 4/13/2012 | 23:05:33 | 19.8 | 1.222 | 17.83 | 6.298 | 4.09 | 131.8 | -130 | 2.7 | 0.24 |
| 4/13/2012 | 23:10:33 | 19.79 | 1.222 | 17.83 | 6.298 | 4.1 | 131.7 | -132 | 2.7 | 0.24 |
| 4/13/2012 | 23:15:33 | 19.81 | 1.222 | 17.83 | 6.298 | 4.1 | 131.8 | -132 | 2.7 | 0.25 |
| 4/13/2012 | 23:20:33 | 19.89 | 1.221 | 17.83 | 6.296 | 4.1 | 131.7 | -128 | 2.7 | 0.24 |
| 4/13/2012 | 23:25:33 | 19.85 | 1.222 | 17.83 | 6.295 | 4.1 | 131.7 | -127 | 2.7 | 0.24 |
| 4/13/2012 | 23:30:33 | 19.83 | 1.221 | 17.83 | 6.296 | 4.1 | 131.6 | -128 | 2.7 | 0.25 |
| 4/13/2012 | 23:35:33 | 19.83 | 1.221 | 17.83 | 6.295 | 4.1 | 131.7 | -129 | 2.7 | 0.25 |
| 4/13/2012 | 23:40:32 | 19.82 | 1.221 | 17.83 | 6.295 | 4.1 | 131.7 | -130 | 2.7 | 0.25 |
| 4/13/2012 | 23:45:33 | 19.82 | 1.221 | 17.83 | 6.295 | 4.1 | 131.7 | -130 | 2.7 | 0.24 |
| 4/13/2012 | 23:50:33 | 19.85 | 1.221 | 17.83 | 6.296 | 4.1 | 131.7 | -128 | 2.7 | 0.24 |
| 4/13/2012 | 23:55:33 | 19.83 | 1.221 | 17.83 | 6.295 | 4.1 | 131.5 | -128 | 2.7 | 0.25 |
| 4/14/2012 | 0:00:32 | 19.9 | 1.22 | 17.83 | 6.295 | 4.1 | 131.7 | -128 | 2.7 | 0.24 |
| 4/14/2012 | 0:05:33 | 19.92 | 1.22 | 17.83 | 6.296 | 4.1 | 131.6 | -125 | 2.7 | 0.24 |
| 4/14/2012 | 0:10:33 | 19.86 | 1.22 | 17.83 | 6.296 | 4.1 | 131.6 | -126 | 2.7 | 0.24 |
| 4/14/2012 | 0:15:33 | 19.85 | 1.219 | 17.83 | 6.294 | 4.1 | 131.6 | -128 | 2.7 | 0.24 |
| 4/14/2012 | 0:20:33 | 19.84 | 1.22 | 17.83 | 6.294 | 4.1 | 131.6 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 0:25:33 | 19.87 | 1.22 | 17.83 | 6.294 | 4.1 | 131.5 | -127 | 2.7 | 0.24 |
| 4/14/2012 | 0:30:33 | 19.85 | 1.22 | 17.83 | 6.292 | 4.1 | 131.5 | -128 | 2.7 | 0.24 |
| 4/14/2012 | 0:35:33 | 19.86 | 1.219 | 17.83 | 6.293 | 4.1 | 131.5 | -128 | 2.7 | 0.24 |
| 4/14/2012 | 0:40:33 | 19.83 | 1.219 | 17.83 | 6.291 | 4.1 | 131.5 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 0:45:33 | 19.83 | 1.219 | 17.83 | 6.29 | 4.1 | 131.5 | -129 | 2.7 | 0.25 |
| 4/14/2012 | 0:50:33 | 19.83 | 1.219 | 17.83 | 6.283 | 4.1 | 131.6 | -130 | 2.7 | 0.25 |
| 4/14/2012 | 0:55:33 | 19.84 | 1.219 | 17.83 | 6.285 | 4.1 | 131.6 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 1:00:33 | 19.87 | 1.218 | 17.83 | 6.286 | 4.1 | 131.5 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 1:05:33 | 19.84 | 1.219 | 17.83 | 6.286 | 4.1 | 131.5 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 1:10:33 | 19.83 | 1.218 | 17.83 | 6.285 | 4.1 | 131.5 | -130 | 2.7 | 0.25 |
| 4/14/2012 | 1:15:33 | 19.81 | 1.218 | 17.83 | 6.285 | 4.1 | 131.5 | -130 | 2.7 | 0.25 |
| 4/14/2012 | 1:20:33 | 19.83 | 1.218 | 17.83 | 6.287 | 4.1 | 131.5 | -131 | 2.7 | 0.25 |
| 4/14/2012 | 1:25:32 | 19.81 | 1.218 | 17.83 | 6.285 | 4.1 | 131.5 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 1:30:33 | 19.82 | 1.219 | 17.83 | 6.287 | 4.1 | 131.5 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 1:35:33 | 19.81 | 1.218 | 17.83 | 6.283 | 4.1 | 131.5 | -133 | 2.7 | 0.25 |
| 4/14/2012 | 1:40:33 | 19.84 | 1.218 | 17.83 | 6.284 | 4.1 | 131.5 | -132 | 2.7 | 0.25 |
| 4/14/2012 | 1:45:32 | 19.85 | 1.218 | 17.83 | 6.282 | 4.1 | 131.5 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 1:50:33 | 19.83 | 1.218 | 17.83 | 6.277 | 4.1 | 131.5 | -131 | 2.7 | 0.25 |
| 4/14/2012 | 1:55:33 | 19.81 | 1.218 | 17.83 | 6.275 | 4.1 | 131.5 | -132 | 2.7 | 0.25 |
| 4/14/2012 | 2:00:32 | 19.85 | 1.217 | 17.82 | 6.27 | 4.1 | 131.5 | -132 | 2.7 | 0.25 |
| 4/14/2012 | 2:05:32 | 19.86 | 1.218 | 17.82 | 6.269 | 4.1 | 131.5 | -131 | 2.7 | 0.25 |
| 4/14/2012 | 2:10:33 | 19.88 | 1.217 | 17.82 | 6.263 | 4.1 | 131.5 | -130 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 2:15:33 | 19.89 | 1.217 | 17.82 | 6.262 | 4.1 | 131.5 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 2:20:33 | 19.86 | 1.217 | 17.82 | 6.258 | 4.1 | 131.4 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 2:25:33 | 19.84 | 1.217 | 17.82 | 6.259 | 4.1 | 131.4 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 2:30:33 | 19.82 | 1.217 | 17.82 | 6.254 | 4.1 | 131.5 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 2:35:33 | 19.87 | 1.217 | 17.82 | 6.258 | 4.1 | 131.5 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 2:40:32 | 19.94 | 1.216 | 17.82 | 6.256 | 4.1 | 131.4 | -128 | 2.7 | 0.24 |
| 4/14/2012 | 2:45:33 | 19.9 | 1.216 | 17.82 | 6.256 | 4.1 | 131.4 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 2:50:32 | 19.87 | 1.216 | 17.82 | 6.258 | 4.1 | 131.4 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 2:55:32 | 19.85 | 1.217 | 17.82 | 6.255 | 4.1 | 131.4 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 3:00:33 | 19.89 | 1.217 | 17.82 | 6.254 | 4.1 | 131.5 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 3:05:33 | 19.85 | 1.217 | 17.82 | 6.257 | 4.1 | 131.5 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 3:10:33 | 19.86 | 1.217 | 17.82 | 6.259 | 4.1 | 131.5 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 3:15:33 | 19.84 | 1.217 | 17.82 | 6.258 | 4.1 | 131.4 | -131 | 2.7 | 0.25 |
| 4/14/2012 | 3:20:33 | 19.84 | 1.217 | 17.82 | 6.259 | 4.1 | 131.5 | -132 | 2.7 | 0.25 |
| 4/14/2012 | 3:25:33 | 19.82 | 1.217 | 17.82 | 6.259 | 4.1 | 131.5 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 3:30:33 | 19.85 | 1.217 | 17.82 | 6.26 | 4.1 | 131.5 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 3:35:33 | 19.83 | 1.217 | 17.82 | 6.259 | 4.1 | 131.5 | -132 | 2.7 | 0.25 |
| 4/14/2012 | 3:40:33 | 19.85 | 1.217 | 17.82 | 6.259 | 4.1 | 131.5 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 3:45:33 | 19.85 | 1.218 | 17.82 | 6.262 | 4.1 | 131.5 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 3:50:33 | 19.82 | 1.218 | 17.82 | 6.268 | 4.1 | 131.5 | -133 | 2.7 | 0.25 |
| 4/14/2012 | 3:55:33 | 19.82 | 1.217 | 17.82 | 6.266 | 4.1 | 131.5 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 4:00:33 | 19.82 | 1.217 | 17.82 | 6.268 | 4.1 | 131.5 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 4:05:32 | 19.81 | 1.217 | 17.82 | 6.268 | 4.1 | 131.4 | -135 | 2.7 | 0.25 |
| 4/14/2012 | 4:10:33 | 19.82 | 1.217 | 17.82 | 6.272 | 4.1 | 131.5 | -135 | 2.7 | 0.25 |
| 4/14/2012 | 4:15:33 | 19.82 | 1.216 | 17.82 | 6.267 | 4.1 | 131.5 | -135 | 2.7 | 0.25 |
| 4/14/2012 | 4:20:33 | 19.85 | 1.216 | 17.82 | 6.266 | 4.1 | 131.4 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 4:25:32 | 19.88 | 1.216 | 17.82 | 6.268 | 4.1 | 131.4 | -133 | 2.7 | 0.25 |
| 4/14/2012 | 4:30:33 | 19.98 | 1.214 | 17.82 | 6.271 | 4.1 | 131.4 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 4:35:33 | 19.97 | 1.215 | 17.82 | 6.273 | 4.1 | 131.4 | -127 | 2.7 | 0.24 |
| 4/14/2012 | 4:40:33 | 19.97 | 1.215 | 17.82 | 6.274 | 4.1 | 131.4 | -127 | 2.7 | 0.24 |
| 4/14/2012 | 4:45:33 | 19.93 | 1.216 | 17.82 | 6.274 | 4.1 | 131.3 | -129 | 2.7 | 0.24 |
| 4/14/2012 | 4:50:33 | 19.91 | 1.216 | 17.82 | 6.269 | 4.1 | 131.4 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 4:55:33 | 19.88 | 1.216 | 17.82 | 6.273 | 4.1 | 131.4 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 5:00:33 | 19.93 | 1.215 | 17.83 | 6.275 | 4.1 | 131.4 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 5:05:33 | 19.86 | 1.216 | 17.83 | 6.275 | 4.1 | 131.4 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 5:10:33 | 19.86 | 1.216 | 17.83 | 6.278 | 4.1 | 131.4 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 5:15:33 | 19.96 | 1.214 | 17.83 | 6.28 | 4.1 | 131.4 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 5:20:33 | 19.9 | 1.216 | 17.83 | 6.282 | 4.1 | 131.3 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 5:25:33 | 19.88 | 1.215 | 17.83 | 6.285 | 4.1 | 131.3 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 5:30:33 | 19.86 | 1.215 | 17.83 | 6.283 | 4.1 | 131.4 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 5:35:33 | 19.89 | 1.216 | 17.83 | 6.28 | 4.1 | 131.4 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 5:40:33 | 19.89 | 1.216 | 17.83 | 6.283 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 5:45:32 | 19.87 | 1.216 | 17.83 | 6.285 | 4.1 | 131.3 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 5:50:32 | 19.84 | 1.216 | 17.83 | 6.286 | 4.1 | 131.3 | -132 | 2.7 | 0.25 |
| 4/14/2012 | 5:55:32 | 19.83 | 1.216 | 17.83 | 6.291 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 6:00:33 | 19.81 | 1.216 | 17.83 | 6.293 | 4.1 | 131.3 | -135 | 2.7 | 0.25 |
| 4/14/2012 | 6:05:33 | 19.8 | 1.216 | 17.83 | 6.295 | 4.1 | 131.3 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 6:10:33 | 19.79 | 1.216 | 17.83 | 6.298 | 4.1 | 131.3 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 6:15:33 | 19.8 | 1.216 | 17.83 | 6.299 | 4.1 | 131.3 | -138 | 2.7 | 0.25 |
| 4/14/2012 | 6:20:33 | 19.81 | 1.217 | 17.83 | 6.297 | 4.1 | 131.3 | -139 | 2.7 | 0.25 |
| 4/14/2012 | 6:25:33 | 19.85 | 1.216 | 17.84 | 6.3 | 4.1 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 6:30:33 | 19.85 | 1.216 | 17.84 | 6.303 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 6:35:33 | 19.84 | 1.216 | 17.84 | 6.301 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 6:40:33 | 19.83 | 1.216 | 17.84 | 6.302 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 6:45:33 | 19.9 | 1.216 | 17.84 | 6.303 | 4.11 | 131.2 | -132 | 2.7 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 6:50:33 | 19.91 | 1.214 | 17.84 | 6.302 | 4.11 | 131.2 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 6:55:33 | 19.86 | 1.215 | 17.84 | 6.308 | 4.1 | 131.2 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 7:00:33 | 19.83 | 1.215 | 17.84 | 6.311 | 4.1 | 131.3 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 7:05:33 | 19.87 | 1.215 | 17.84 | 6.31 | 4.1 | 131.3 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 7:10:32 | 19.84 | 1.215 | 17.84 | 6.308 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 7:15:33 | 19.85 | 1.216 | 17.84 | 6.31 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 7:20:33 | 19.86 | 1.216 | 17.84 | 6.313 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 7:25:33 | 19.89 | 1.215 | 17.84 | 6.316 | 4.1 | 131.3 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 7:30:33 | 19.86 | 1.216 | 17.84 | 6.317 | 4.1 | 131.3 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 7:35:32 | 19.86 | 1.215 | 17.84 | 6.318 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 7:40:32 | 19.85 | 1.215 | 17.84 | 6.317 | 4.1 | 131.3 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 7:45:33 | 19.83 | 1.215 | 17.84 | 6.32 | 4.1 | 131.3 | -135 | 2.7 | 0.25 |
| 4/14/2012 | 7:50:33 | 19.92 | 1.214 | 17.85 | 6.323 | 4.1 | 131.3 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 7:55:33 | 19.93 | 1.215 | 17.84 | 6.316 | 4.1 | 131.3 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 8:00:33 | 19.94 | 1.214 | 17.84 | 6.317 | 4.11 | 131.2 | -131 | 2.7 | 0.24 |
| 4/14/2012 | 8:05:33 | 19.9 | 1.215 | 17.84 | 6.318 | 4.11 | 131.2 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 8:10:33 | 19.89 | 1.214 | 17.84 | 6.318 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 8:15:33 | 19.92 | 1.214 | 17.84 | 6.312 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 8:20:32 | 19.9 | 1.214 | 17.84 | 6.315 | 4.11 | 131.2 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 8:25:33 | 19.88 | 1.214 | 17.84 | 6.309 | 4.11 | 131.2 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 8:30:33 | 19.85 | 1.214 | 17.84 | 6.308 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 8:35:33 | 19.86 | 1.214 | 17.84 | 6.312 | 4.1 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 8:40:33 | 19.86 | 1.214 | 17.84 | 6.311 | 4.1 | 131.3 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 8:45:33 | 19.84 | 1.214 | 17.84 | 6.318 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 8:50:33 | 19.91 | 1.213 | 17.85 | 6.322 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 8:55:33 | 19.86 | 1.214 | 17.85 | 6.323 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 9:00:33 | 19.86 | 1.214 | 17.85 | 6.325 | 4.11 | 131.2 | -134 | 2.7 | 0.25 |
| 4/14/2012 | 9:05:33 | 19.89 | 1.214 | 17.84 | 6.319 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 9:10:33 | 19.89 | 1.214 | 17.84 | 6.32 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 9:15:33 | 19.85 | 1.214 | 17.84 | 6.318 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 9:20:32 | 19.85 | 1.213 | 17.84 | 6.316 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 9:25:32 | 19.88 | 1.214 | 17.84 | 6.317 | 4.1 | 131.3 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 9:30:33 | 19.86 | 1.214 | 17.84 | 6.316 | 4.1 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 9:35:33 | 19.9 | 1.213 | 17.84 | 6.319 | 4.1 | 131.3 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 9:40:33 | 19.9 | 1.213 | 17.84 | 6.319 | 4.11 | 131.2 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 9:45:33 | 19.9 | 1.212 | 17.84 | 6.32 | 4.11 | 131.3 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 9:50:33 | 19.87 | 1.213 | 17.85 | 6.322 | 4.1 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 9:55:33 | 19.88 | 1.212 | 17.84 | 6.308 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 10:00:33 | 19.89 | 1.212 | 17.84 | 6.307 | 4.1 | 131.3 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 10:05:32 | 19.86 | 1.212 | 17.84 | 6.313 | 4.11 | 131.2 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 10:10:33 | 19.9 | 1.212 | 17.84 | 6.311 | 4.1 | 131.3 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 10:15:33 | 19.93 | 1.213 | 17.84 | 6.315 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 10:20:33 | 19.92 | 1.213 | 17.84 | 6.315 | 4.11 | 131.2 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 10:25:33 | 19.88 | 1.212 | 17.84 | 6.318 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 10:30:33 | 19.88 | 1.212 | 17.84 | 6.315 | 4.1 | 131.3 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 10:35:33 | 19.89 | 1.212 | 17.84 | 6.318 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 10:40:33 | 19.97 | 1.21 | 17.84 | 6.316 | 4.11 | 131.3 | -130 | 2.7 | 0.24 |
| 4/14/2012 | 10:45:33 | 19.95 | 1.211 | 17.84 | 6.318 | 4.11 | 131.2 | -132 | 2.7 | 0.24 |
| 4/14/2012 | 10:50:32 | 19.94 | 1.211 | 17.84 | 6.321 | 4.11 | 131.2 | -133 | 2.7 | 0.24 |
| 4/14/2012 | 10:55:33 | 19.9 | 1.212 | 17.84 | 6.319 | 4.11 | 131.2 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 11:00:33 | 19.87 | 1.212 | 17.84 | 6.32 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 11:05:33 | 19.86 | 1.212 | 17.84 | 6.32 | 4.1 | 131.3 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 11:10:33 | 19.85 | 1.212 | 17.85 | 6.322 | 4.11 | 131.2 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 11:15:32 | 19.83 | 1.212 | 17.84 | 6.321 | 4.1 | 131.3 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 11:20:33 | 19.9 | 1.212 | 17.84 | 6.319 | 4.11 | 131.2 | -136 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 11:25:33 | 19.88 | 1.212 | 17.84 | 6.319 | 4.11 | 131.2 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 11:30:33 | 19.86 | 1.212 | 17.84 | 6.319 | 4.11 | 131.2 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 11:35:33 | 19.85 | 1.212 | 17.84 | 6.316 | 4.11 | 131.2 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 11:40:32 | 19.85 | 1.212 | 17.84 | 6.315 | 4.11 | 131.2 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 11:45:33 | 19.84 | 1.212 | 17.84 | 6.313 | 4.11 | 131.2 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 11:50:33 | 19.87 | 1.211 | 17.84 | 6.312 | 4.11 | 131.2 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 11:55:33 | 19.92 | 1.211 | 17.84 | 6.311 | 4.11 | 131.2 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 12:00:33 | 19.88 | 1.212 | 17.84 | 6.31 | 4.11 | 131.1 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 12:05:33 | 19.85 | 1.212 | 17.84 | 6.309 | 4.11 | 131.1 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 12:10:33 | 19.85 | 1.212 | 17.84 | 6.308 | 4.11 | 131.2 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 12:15:32 | 19.88 | 1.212 | 17.84 | 6.306 | 4.11 | 131.2 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 12:20:32 | 19.89 | 1.212 | 17.84 | 6.31 | 4.11 | 131.2 | -135 | 2.7 | 0.24 |
| 4/14/2012 | 12:25:33 | 19.9 | 1.211 | 17.84 | 6.306 | 4.11 | 131.2 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 12:30:32 | 19.88 | 1.211 | 17.84 | 6.306 | 4.11 | 131.1 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 12:35:32 | 19.88 | 1.211 | 17.84 | 6.305 | 4.11 | 131.2 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 12:40:33 | 19.87 | 1.211 | 17.84 | 6.303 | 4.11 | 131.2 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 12:45:33 | 19.86 | 1.211 | 17.84 | 6.304 | 4.11 | 131.1 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 12:50:33 | 19.86 | 1.211 | 17.83 | 6.296 | 4.11 | 131.1 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 12:55:33 | 19.91 | 1.21 | 17.84 | 6.301 | 4.11 | 131.1 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 13:00:33 | 19.88 | 1.21 | 17.83 | 6.297 | 4.11 | 131.1 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 13:05:33 | 19.86 | 1.21 | 17.83 | 6.295 | 4.11 | 131.1 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 13:10:33 | 19.85 | 1.211 | 17.83 | 6.293 | 4.11 | 131.1 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 13:15:33 | 19.89 | 1.21 | 17.83 | 6.294 | 4.11 | 131.1 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 13:20:33 | 19.86 | 1.21 | 17.83 | 6.295 | 4.11 | 131.1 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 13:25:33 | 19.86 | 1.21 | 17.83 | 6.293 | 4.11 | 131.1 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 13:30:33 | 19.84 | 1.21 | 17.83 | 6.294 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 13:35:33 | 19.84 | 1.21 | 17.83 | 6.292 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 13:40:33 | 19.86 | 1.211 | 17.83 | 6.291 | 4.11 | 131.1 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 13:45:33 | 19.88 | 1.21 | 17.83 | 6.291 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 13:50:32 | 19.88 | 1.21 | 17.83 | 6.287 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 13:55:33 | 19.98 | 1.208 | 17.83 | 6.29 | 4.11 | 131 | -134 | 2.7 | 0.24 |
| 4/14/2012 | 14:00:32 | 19.93 | 1.209 | 17.83 | 6.288 | 4.11 | 131 | -136 | 2.7 | 0.24 |
| 4/14/2012 | 14:05:33 | 19.9 | 1.209 | 17.83 | 6.288 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 14:10:33 | 19.9 | 1.21 | 17.83 | 6.287 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 14:15:33 | 19.89 | 1.21 | 17.82 | 6.275 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 14:20:33 | 19.88 | 1.21 | 17.82 | 6.274 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 14:25:33 | 19.88 | 1.21 | 17.82 | 6.271 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 14:30:33 | 19.86 | 1.21 | 17.82 | 6.271 | 4.11 | 131.2 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 14:35:33 | 19.84 | 1.21 | 17.82 | 6.267 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 14:40:33 | 19.84 | 1.211 | 17.82 | 6.267 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 14:45:33 | 19.85 | 1.21 | 17.82 | 6.264 | 4.11 | 131.1 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 14:50:33 | 19.88 | 1.21 | 17.82 | 6.266 | 4.11 | 131 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 14:55:32 | 19.87 | 1.21 | 17.82 | 6.267 | 4.11 | 131.1 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 15:00:33 | 19.89 | 1.211 | 17.82 | 6.264 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 15:05:33 | 19.87 | 1.211 | 17.82 | 6.263 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 15:10:33 | 19.93 | 1.21 | 17.82 | 6.261 | 4.11 | 131 | -137 | 2.7 | 0.24 |
| 4/14/2012 | 15:15:33 | 19.94 | 1.21 | 17.82 | 6.258 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 15:20:33 | 19.88 | 1.21 | 17.82 | 6.26 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 15:25:33 | 19.93 | 1.209 | 17.82 | 6.258 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 15:30:33 | 19.93 | 1.21 | 17.82 | 6.256 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 15:35:33 | 19.9 | 1.21 | 17.82 | 6.253 | 4.11 | 131 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 15:40:32 | 19.88 | 1.21 | 17.81 | 6.249 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 15:45:33 | 19.87 | 1.21 | 17.81 | 6.248 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 15:50:33 | 19.91 | 1.21 | 17.81 | 6.243 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 15:55:33 | 19.88 | 1.211 | 17.81 | 6.247 | 4.11 | 131 | -139 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 16:00:33 | 19.87 | 1.211 | 17.81 | 6.246 | 4.11 | 131 | -139 | 2.7 | 0.24 |
| 4/14/2012 | 16:05:33 | 19.86 | 1.211 | 17.81 | 6.245 | 4.11 | 131 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 16:10:33 | 19.86 | 1.211 | 17.81 | 6.244 | 4.11 | 131.1 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 16:15:33 | 19.92 | 1.21 | 17.81 | 6.24 | 4.11 | 131 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 16:20:32 | 19.9 | 1.21 | 17.81 | 6.242 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 16:25:32 | 19.87 | 1.211 | 17.81 | 6.242 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 16:30:33 | 19.9 | 1.21 | 17.81 | 6.238 | 4.11 | 131.1 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 16:35:33 | 19.88 | 1.21 | 17.81 | 6.237 | 4.11 | 131.1 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 16:40:32 | 19.86 | 1.211 | 17.81 | 6.238 | 4.11 | 131.2 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 16:45:33 | 19.97 | 1.21 | 17.81 | 6.237 | 4.11 | 131.1 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 16:50:33 | 19.96 | 1.21 | 17.81 | 6.24 | 4.11 | 131.1 | -138 | 2.7 | 0.24 |
| 4/14/2012 | 16:55:32 | 19.91 | 1.21 | 17.81 | 6.238 | 4.11 | 131.2 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 17:00:33 | 19.88 | 1.21 | 17.81 | 6.239 | 4.11 | 131.1 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 17:05:32 | 19.87 | 1.211 | 17.81 | 6.24 | 4.11 | 131.1 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 17:10:33 | 19.86 | 1.211 | 17.81 | 6.238 | 4.11 | 131.1 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 17:15:33 | 19.85 | 1.211 | 17.81 | 6.237 | 4.11 | 131.1 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 17:20:33 | 19.83 | 1.211 | 17.81 | 6.239 | 4.11 | 131.1 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 17:25:33 | 19.85 | 1.211 | 17.81 | 6.239 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 17:30:33 | 19.85 | 1.212 | 17.81 | 6.242 | 4.11 | 131.1 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 17:35:33 | 19.83 | 1.211 | 17.81 | 6.242 | 4.11 | 131.1 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 17:40:32 | 19.83 | 1.211 | 17.81 | 6.243 | 4.11 | 131.1 | -143 | 2.7 | 0.25 |
| 4/14/2012 | 17:45:32 | 19.82 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 17:50:32 | 19.82 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 17:55:32 | 19.84 | 1.212 | 17.81 | 6.245 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/14/2012 | 18:00:32 | 19.82 | 1.212 | 17.81 | 6.245 | 4.11 | 131.1 | -146 | 2.7 | 0.24 |
| 4/14/2012 | 18:05:32 | 19.82 | 1.212 | 17.81 | 6.245 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/14/2012 | 18:10:33 | 19.92 | 1.211 | 17.81 | 6.247 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 18:15:33 | 19.9 | 1.212 | 17.81 | 6.248 | 4.11 | 131.1 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 18:20:33 | 19.88 | 1.211 | 17.81 | 6.248 | 4.11 | 131.1 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 18:25:32 | 19.93 | 1.211 | 17.81 | 6.25 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 18:30:33 | 19.9 | 1.212 | 17.81 | 6.249 | 4.11 | 131.1 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 18:35:33 | 19.91 | 1.212 | 17.81 | 6.248 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 18:40:33 | 19.89 | 1.211 | 17.81 | 6.251 | 4.11 | 131.1 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 18:45:33 | 19.91 | 1.211 | 17.81 | 6.245 | 4.11 | 131.1 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 18:50:33 | 19.98 | 1.209 | 17.81 | 6.244 | 4.11 | 131.2 | -140 | 2.7 | 0.24 |
| 4/14/2012 | 18:55:33 | 19.94 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -141 | 2.7 | 0.24 |
| 4/14/2012 | 19:00:33 | 19.93 | 1.211 | 17.81 | 6.246 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 19:05:33 | 19.92 | 1.21 | 17.81 | 6.245 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:10:33 | 19.9 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:15:33 | 19.91 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:20:33 | 19.89 | 1.212 | 17.81 | 6.247 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:25:33 | 19.86 | 1.211 | 17.81 | 6.248 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 19:30:33 | 19.87 | 1.211 | 17.81 | 6.246 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 19:35:33 | 19.95 | 1.21 | 17.81 | 6.244 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:40:33 | 19.91 | 1.211 | 17.81 | 6.246 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:45:33 | 19.9 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:50:33 | 19.92 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 19:55:33 | 19.92 | 1.212 | 17.81 | 6.243 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 20:00:33 | 19.91 | 1.212 | 17.81 | 6.244 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 20:05:33 | 19.89 | 1.211 | 17.81 | 6.241 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 20:10:33 | 19.9 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 20:15:33 | 19.89 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 20:20:33 | 19.9 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 20:25:33 | 19.88 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 20:30:33 | 19.88 | 1.212 | 17.81 | 6.246 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 20:35:33 | 19.91 | 1.211 | 17.81 | 6.246 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 20:40:33 | 19.93 | 1.211 | 17.81 | 6.241 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 20:45:33 | 19.93 | 1.211 | 17.81 | 6.241 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 20:50:33 | 19.94 | 1.211 | 17.81 | 6.241 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 20:55:32 | 19.88 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 21:00:32 | 19.87 | 1.211 | 17.81 | 6.242 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 21:05:33 | 19.86 | 1.211 | 17.81 | 6.246 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 21:10:33 | 19.9 | 1.212 | 17.81 | 6.245 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 21:15:33 | 19.87 | 1.212 | 17.81 | 6.244 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 21:20:33 | 19.87 | 1.211 | 17.81 | 6.244 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 21:25:33 | 19.87 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 21:30:33 | 19.89 | 1.212 | 17.81 | 6.245 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
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| 4/14/2012 | 21:40:33 | 19.86 | 1.211 | 17.81 | 6.246 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 21:45:33 | 19.86 | 1.211 | 17.81 | 6.249 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
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| 4/14/2012 | 21:55:33 | 19.89 | 1.211 | 17.81 | 6.247 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 22:00:32 | 19.87 | 1.212 | 17.81 | 6.248 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 22:05:33 | 19.89 | 1.212 | 17.81 | 6.247 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 22:10:33 | 19.87 | 1.212 | 17.81 | 6.247 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 22:15:33 | 19.86 | 1.211 | 17.81 | 6.25 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 22:20:33 | 19.84 | 1.211 | 17.81 | 6.249 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 22:25:33 | 19.86 | 1.211 | 17.81 | 6.25 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/14/2012 | 22:30:33 | 19.97 | 1.21 | 17.81 | 6.25 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/14/2012 | 22:35:33 | 19.93 | 1.21 | 17.81 | 6.248 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 22:40:33 | 19.91 | 1.21 | 17.81 | 6.248 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 22:45:33 | 19.89 | 1.211 | 17.81 | 6.245 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 22:50:33 | 19.95 | 1.21 | 17.81 | 6.243 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 22:55:33 | 19.94 | 1.21 | 17.81 | 6.24 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 23:00:32 | 19.89 | 1.21 | 17.81 | 6.238 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 23:05:33 | 19.9 | 1.211 | 17.81 | 6.239 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 23:10:33 | 19.88 | 1.211 | 17.81 | 6.238 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 23:15:33 | 19.91 | 1.21 | 17.81 | 6.238 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 23:20:33 | 19.95 | 1.21 | 17.81 | 6.24 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 23:25:33 | 19.92 | 1.21 | 17.81 | 6.237 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 23:30:33 | 19.9 | 1.21 | 17.81 | 6.235 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/14/2012 | 23:35:33 | 19.88 | 1.209 | 17.81 | 6.236 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/14/2012 | 23:40:33 | 19.88 | 1.21 | 17.81 | 6.236 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/14/2012 | 23:45:33 | 19.89 | 1.21 | 17.81 | 6.239 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/14/2012 | 23:50:33 | 19.88 | 1.21 | 17.81 | 6.237 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/14/2012 | 23:55:33 | 19.88 | 1.21 | 17.81 | 6.235 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 0:00:33 | 19.86 | 1.21 | 17.81 | 6.233 | 4.11 | 131.1 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:05:33 | 19.87 | 1.21 | 17.81 | 6.234 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:10:33 | 19.86 | 1.21 | 17.81 | 6.233 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:15:33 | 19.86 | 1.21 | 17.81 | 6.231 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:20:33 | 19.85 | 1.21 | 17.81 | 6.232 | 4.11 | 131.2 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 0:25:33 | 19.88 | 1.21 | 17.81 | 6.233 | 4.11 | 131.2 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 0:30:33 | 19.87 | 1.21 | 17.81 | 6.232 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:35:33 | 19.92 | 1.209 | 17.8 | 6.21 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:40:33 | 19.89 | 1.21 | 17.8 | 6.215 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 0:45:33 | 19.92 | 1.209 | 17.8 | 6.216 | 4.11 | 131.1 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 0:50:33 | 19.89 | 1.209 | 17.8 | 6.216 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 0:55:33 | 19.89 | 1.209 | 17.8 | 6.216 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 1:00:33 | 19.96 | 1.208 | 17.8 | 6.221 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |
| 4/15/2012 | 1:05:33 | 19.92 | 1.209 | 17.8 | 6.223 | 4.11 | 131.2 | -142 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 1:10:33 | 19.89 | 1.209 | 17.8 | 6.222 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/15/2012 | 1:15:33 | 19.88 | 1.209 | 17.8 | 6.22 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 1:20:33 | 19.89 | 1.21 | 17.8 | 6.22 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 1:25:33 | 19.94 | 1.21 | 17.8 | 6.219 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 1:30:33 | 19.89 | 1.21 | 17.8 | 6.217 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 1:35:33 | 19.9 | 1.21 | 17.8 | 6.214 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 1:40:33 | 19.92 | 1.21 | 17.8 | 6.212 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 1:45:33 | 19.89 | 1.21 | 17.8 | 6.213 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 1:50:33 | 19.96 | 1.209 | 17.8 | 6.211 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/15/2012 | 1:55:33 | 19.93 | 1.21 | 17.8 | 6.209 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 2:00:33 | 19.9 | 1.21 | 17.8 | 6.207 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 2:05:33 | 19.87 | 1.209 | 17.79 | 6.206 | 4.1 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 2:10:33 | 19.86 | 1.209 | 17.79 | 6.205 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 2:15:33 | 19.86 | 1.21 | 17.79 | 6.204 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 2:20:33 | 19.87 | 1.21 | 17.79 | 6.202 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 2:25:33 | 19.87 | 1.21 | 17.79 | 6.197 | 4.1 | 131.2 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 2:30:33 | 19.86 | 1.21 | 17.79 | 6.201 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 2:35:33 | 19.87 | 1.21 | 17.79 | 6.197 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 2:40:33 | 19.86 | 1.21 | 17.79 | 6.199 | 4.11 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 2:45:33 | 19.87 | 1.21 | 17.79 | 6.196 | 4.1 | 131.2 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 2:50:33 | 19.86 | 1.21 | 17.79 | 6.195 | 4.1 | 131.2 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 2:55:33 | 19.86 | 1.211 | 17.79 | 6.193 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 3:00:33 | 19.87 | 1.21 | 17.79 | 6.197 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 3:05:33 | 19.87 | 1.21 | 17.79 | 6.195 | 4.1 | 131.2 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 3:10:33 | 19.95 | 1.209 | 17.79 | 6.195 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 3:15:33 | 19.93 | 1.21 | 17.79 | 6.194 | 4.11 | 131.2 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 3:20:32 | 19.95 | 1.209 | 17.79 | 6.192 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 3:25:33 | 19.99 | 1.208 | 17.79 | 6.195 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/15/2012 | 3:30:33 | 19.97 | 1.208 | 17.79 | 6.193 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/15/2012 | 3:35:33 | 19.97 | 1.209 | 17.79 | 6.192 | 4.11 | 131.2 | -143 | 2.7 | 0.24 |
| 4/15/2012 | 3:40:33 | 19.94 | 1.209 | 17.79 | 6.191 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 3:45:33 | 19.94 | 1.21 | 17.79 | 6.189 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 3:50:33 | 19.95 | 1.21 | 17.79 | 6.189 | 4.11 | 131.3 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 3:55:33 | 19.93 | 1.21 | 17.79 | 6.19 | 4.11 | 131.2 | -145 | 2.7 | 0.24 |
| 4/15/2012 | 4:00:33 | 19.89 | 1.21 | 17.79 | 6.192 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 4:05:33 | 19.87 | 1.21 | 17.79 | 6.194 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 4:10:33 | 19.87 | 1.21 | 17.79 | 6.19 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 4:15:33 | 19.93 | 1.21 | 17.79 | 6.193 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 4:20:33 | 19.89 | 1.21 | 17.79 | 6.192 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 4:25:33 | 19.95 | 1.21 | 17.79 | 6.19 | 4.11 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 4:30:33 | 19.89 | 1.211 | 17.79 | 6.192 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 4:35:33 | 19.91 | 1.21 | 17.79 | 6.193 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 4:40:33 | 19.89 | 1.211 | 17.79 | 6.192 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 4:45:33 | 19.87 | 1.211 | 17.79 | 6.19 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 4:50:33 | 19.85 | 1.21 | 17.79 | 6.191 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 4:55:33 | 19.86 | 1.21 | 17.79 | 6.191 | 4.1 | 131.3 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 5:00:33 | 19.89 | 1.21 | 17.79 | 6.189 | 4.1 | 131.3 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 5:05:32 | 19.9 | 1.211 | 17.79 | 6.191 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 5:10:33 | 19.92 | 1.21 | 17.79 | 6.193 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 5:15:33 | 19.89 | 1.211 | 17.79 | 6.193 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 5:20:33 | 19.87 | 1.21 | 17.79 | 6.194 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 5:25:33 | 19.86 | 1.21 | 17.79 | 6.197 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 5:30:33 | 19.89 | 1.21 | 17.79 | 6.195 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 5:35:33 | 20 | 1.208 | 17.79 | 6.195 | 4.1 | 131.3 | -144 | 2.7 | 0.24 |
| 4/15/2012 | 5:40:33 | 19.96 | 1.209 | 17.79 | 6.195 | 4.1 | 131.3 | -145 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 5:45:33 | 19.93 | 1.21 | 17.79 | 6.199 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 5:50:33 | 19.9 | 1.209 | 17.79 | 6.199 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 5:55:33 | 19.89 | 1.209 | 17.79 | 6.2 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 6:00:33 | 19.88 | 1.21 | 17.79 | 6.201 | 4.1 | 131.3 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 6:05:33 | 19.94 | 1.21 | 17.79 | 6.201 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 6:10:33 | 19.9 | 1.21 | 17.79 | 6.206 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 6:15:33 | 19.92 | 1.21 | 17.79 | 6.203 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 6:20:33 | 19.9 | 1.21 | 17.79 | 6.205 | 4.1 | 131.3 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 6:25:33 | 19.89 | 1.21 | 17.8 | 6.206 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 6:30:33 | 19.88 | 1.21 | 17.8 | 6.208 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 6:35:33 | 19.95 | 1.209 | 17.8 | 6.212 | 4.1 | 131.4 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 6:40:33 | 19.92 | 1.21 | 17.8 | 6.212 | 4.1 | 131.3 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 6:45:33 | 19.91 | 1.21 | 17.8 | 6.213 | 4.1 | 131.4 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 6:50:33 | 19.92 | 1.21 | 17.8 | 6.214 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 6:55:33 | 19.91 | 1.209 | 17.8 | 6.216 | 4.1 | 131.4 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 7:00:32 | 19.9 | 1.21 | 17.8 | 6.218 | 4.1 | 131.3 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 7:05:33 | 19.89 | 1.209 | 17.8 | 6.215 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 7:10:32 | 19.87 | 1.21 | 17.8 | 6.217 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 7:15:32 | 19.88 | 1.21 | 17.8 | 6.218 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 7:20:32 | 19.86 | 1.21 | 17.8 | 6.219 | 4.1 | 131.4 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 7:25:33 | 19.87 | 1.21 | 17.8 | 6.22 | 4.1 | 131.4 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 7:30:33 | 19.87 | 1.21 | 17.8 | 6.222 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 7:35:32 | 19.89 | 1.21 | 17.8 | 6.223 | 4.1 | 131.4 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 7:40:32 | 19.87 | 1.21 | 17.8 | 6.221 | 4.1 | 131.4 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 7:45:33 | 19.85 | 1.21 | 17.8 | 6.223 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 7:50:33 | 19.84 | 1.21 | 17.8 | 6.225 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 7:55:33 | 19.83 | 1.209 | 17.8 | 6.224 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 8:00:33 | 19.83 | 1.209 | 17.8 | 6.225 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 8:05:33 | 19.84 | 1.209 | 17.8 | 6.224 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 8:10:33 | 19.84 | 1.21 | 17.8 | 6.222 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 8:15:33 | 19.85 | 1.21 | 17.8 | 6.221 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 8:20:33 | 19.84 | 1.209 | 17.8 | 6.224 | 4.1 | 131.5 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 8:25:33 | 19.85 | 1.209 | 17.8 | 6.224 | 4.1 | 131.5 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 8:30:33 | 19.86 | 1.21 | 17.8 | 6.223 | 4.1 | 131.5 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 8:35:32 | 19.99 | 1.206 | 17.8 | 6.223 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 8:40:33 | 19.99 | 1.208 | 17.8 | 6.224 | 4.1 | 131.4 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 8:45:33 | 19.95 | 1.209 | 17.8 | 6.221 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 8:50:32 | 19.92 | 1.208 | 17.8 | 6.219 | 4.1 | 131.4 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 8:55:33 | 19.91 | 1.209 | 17.8 | 6.224 | 4.1 | 131.4 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 9:00:33 | 19.94 | 1.208 | 17.8 | 6.221 | 4.1 | 131.4 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 9:05:33 | 19.93 | 1.209 | 17.8 | 6.223 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 9:10:33 | 19.9 | 1.208 | 17.8 | 6.222 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 9:15:33 | 19.9 | 1.208 | 17.8 | 6.216 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 9:20:33 | 19.9 | 1.208 | 17.8 | 6.215 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 9:25:33 | 19.89 | 1.208 | 17.8 | 6.214 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 9:30:33 | 19.9 | 1.208 | 17.8 | 6.213 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 9:35:33 | 19.89 | 1.209 | 17.8 | 6.219 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 9:40:33 | 19.88 | 1.208 | 17.8 | 6.219 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 9:45:33 | 19.99 | 1.207 | 17.8 | 6.207 | 4.1 | 131.5 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 9:50:33 | 19.95 | 1.207 | 17.8 | 6.211 | 4.1 | 131.5 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 9:55:33 | 19.96 | 1.208 | 17.8 | 6.21 | 4.1 | 131.5 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 10:00:33 | 19.94 | 1.208 | 17.8 | 6.216 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 10:05:33 | 19.9 | 1.208 | 17.8 | 6.218 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 10:10:33 | 19.88 | 1.208 | 17.8 | 6.218 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 10:15:33 | 19.87 | 1.208 | 17.8 | 6.219 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 10:20:32 | 19.88 | 1.208 | 17.8 | 6.224 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 10:25:33 | 19.89 | 1.208 | 17.8 | 6.225 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 10:30:33 | 19.89 | 1.208 | 17.8 | 6.226 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 10:35:33 | 19.88 | 1.208 | 17.8 | 6.224 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 10:40:33 | 19.88 | 1.208 | 17.8 | 6.222 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 10:45:33 | 20 | 1.205 | 17.8 | 6.222 | 4.1 | 131.5 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 10:50:32 | 19.98 | 1.206 | 17.8 | 6.222 | 4.1 | 131.5 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 10:55:33 | 19.98 | 1.205 | 17.8 | 6.222 | 4.1 | 131.5 | -146 | 2.7 | 0.24 |
| 4/15/2012 | 11:00:33 | 19.97 | 1.206 | 17.8 | 6.222 | 4.1 | 131.5 | -147 | 2.7 | 0.24 |
| 4/15/2012 | 11:05:33 | 19.96 | 1.207 | 17.8 | 6.222 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 11:10:33 | 19.93 | 1.207 | 17.8 | 6.223 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 11:15:33 | 19.92 | 1.207 | 17.8 | 6.227 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 11:20:33 | 19.91 | 1.207 | 17.81 | 6.23 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 11:25:33 | 19.9 | 1.206 | 17.8 | 6.229 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 11:30:32 | 19.94 | 1.206 | 17.8 | 6.226 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 11:35:32 | 19.99 | 1.206 | 17.8 | 6.228 | 4.1 | 131.5 | -148 | 2.7 | 0.24 |
| 4/15/2012 | 11:40:33 | 19.95 | 1.207 | 17.8 | 6.225 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 11:45:33 | 19.91 | 1.207 | 17.8 | 6.222 | 4.1 | 131.5 | -149 | 2.7 | 0.24 |
| 4/15/2012 | 11:50:32 | 19.89 | 1.206 | 17.8 | 6.224 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 11:55:32 | 19.89 | 1.206 | 17.8 | 6.226 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 12:00:33 | 19.89 | 1.206 | 17.8 | 6.224 | 4.1 | 131.5 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 12:05:33 | 19.92 | 1.206 | 17.8 | 6.222 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 12:10:33 | 19.9 | 1.206 | 17.8 | 6.224 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 12:15:33 | 19.89 | 1.206 | 17.8 | 6.221 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 12:20:32 | 19.95 | 1.205 | 17.8 | 6.218 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 12:25:33 | 19.95 | 1.206 | 17.8 | 6.22 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 12:30:33 | 19.95 | 1.205 | 17.8 | 6.218 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 12:35:33 | 19.95 | 1.205 | 17.8 | 6.22 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 12:40:33 | 19.95 | 1.205 | 17.8 | 6.219 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 12:45:33 | 19.93 | 1.206 | 17.8 | 6.22 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 12:50:32 | 19.97 | 1.204 | 17.8 | 6.215 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 12:55:33 | 19.96 | 1.205 | 17.8 | 6.212 | 4.1 | 131.5 | -149 | 2.6 | 0.24 |
| 4/15/2012 | 13:00:33 | 19.94 | 1.205 | 17.8 | 6.214 | 4.1 | 131.5 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 13:05:33 | 19.91 | 1.205 | 17.8 | 6.214 | 4.1 | 131.5 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 13:10:33 | 19.9 | 1.205 | 17.8 | 6.211 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 13:15:33 | 19.89 | 1.205 | 17.8 | 6.211 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 13:20:33 | 19.92 | 1.205 | 17.8 | 6.211 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 13:25:33 | 19.92 | 1.204 | 17.8 | 6.208 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 13:30:33 | 19.89 | 1.205 | 17.8 | 6.208 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 13:35:33 | 19.89 | 1.205 | 17.8 | 6.209 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 13:40:33 | 19.88 | 1.205 | 17.8 | 6.21 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 13:45:33 | 19.89 | 1.205 | 17.8 | 6.208 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 13:50:33 | 19.89 | 1.205 | 17.8 | 6.208 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 13:55:33 | 19.97 | 1.203 | 17.79 | 6.205 | 4.1 | 131.6 | -150 | 2.7 | 0.24 |
| 4/15/2012 | 14:00:32 | 19.95 | 1.204 | 17.79 | 6.203 | 4.1 | 131.6 | -151 | 2.7 | 0.24 |
| 4/15/2012 | 14:05:33 | 19.92 | 1.204 | 17.79 | 6.2 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 14:10:33 | 19.9 | 1.204 | 17.79 | 6.199 | 4.1 | 131.6 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 14:15:32 | 19.88 | 1.204 | 17.79 | 6.199 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 14:20:33 | 19.87 | 1.204 | 17.79 | 6.196 | 4.1 | 131.7 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 14:25:33 | 19.89 | 1.204 | 17.79 | 6.199 | 4.1 | 131.7 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 14:30:33 | 19.87 | 1.204 | 17.79 | 6.197 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 14:35:33 | 19.87 | 1.204 | 17.79 | 6.193 | 4.1 | 131.7 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 14:40:32 | 19.87 | 1.204 | 17.79 | 6.187 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 14:45:33 | 19.9 | 1.204 | 17.79 | 6.188 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 14:50:33 | 19.88 | 1.204 | 17.79 | 6.189 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 14:55:32 | 19.9 | 1.204 | 17.79 | 6.19 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 15:00:32 | 19.92 | 1.203 | 17.78 | 6.182 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 15:05:33 | 19.91 | 1.204 | 17.78 | 6.182 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 15:10:32 | 19.92 | 1.203 | 17.78 | 6.179 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 15:15:33 | 19.94 | 1.204 | 17.78 | 6.177 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 15:20:32 | 19.91 | 1.204 | 17.78 | 6.175 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 15:25:33 | 19.9 | 1.204 | 17.78 | 6.176 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 15:30:33 | 19.96 | 1.203 | 17.78 | 6.175 | 4.1 | 131.6 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 15:35:32 | 19.91 | 1.204 | 17.78 | 6.171 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 15:40:33 | 19.9 | 1.204 | 17.77 | 6.16 | 4.1 | 131.6 | -153 | 2.6 | 0.24 |
| 4/15/2012 | 15:45:33 | 19.88 | 1.204 | 17.78 | 6.165 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 15:50:33 | 19.93 | 1.204 | 17.78 | 6.162 | 4.1 | 131.6 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 15:55:33 | 19.9 | 1.205 | 17.78 | 6.161 | 4.1 | 131.6 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:00:33 | 19.91 | 1.204 | 17.78 | 6.161 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:05:33 | 19.88 | 1.204 | 17.77 | 6.152 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:10:32 | 19.89 | 1.204 | 17.77 | 6.148 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:15:33 | 19.96 | 1.204 | 17.77 | 6.151 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 16:20:33 | 19.92 | 1.204 | 17.77 | 6.152 | 4.1 | 131.5 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 16:25:32 | 19.89 | 1.204 | 17.77 | 6.153 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:30:32 | 19.88 | 1.204 | 17.77 | 6.153 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 16:35:33 | 19.89 | 1.204 | 17.77 | 6.153 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 16:40:33 | 19.88 | 1.204 | 17.77 | 6.151 | 4.1 | 131.5 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 16:45:33 | 19.94 | 1.203 | 17.77 | 6.15 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:50:32 | 19.91 | 1.204 | 17.77 | 6.151 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 16:55:32 | 19.92 | 1.204 | 17.77 | 6.151 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:00:33 | 19.91 | 1.204 | 17.77 | 6.154 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:05:33 | 19.91 | 1.205 | 17.77 | 6.154 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:10:33 | 19.89 | 1.205 | 17.77 | 6.155 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:15:33 | 19.91 | 1.205 | 17.77 | 6.155 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:20:32 | 19.94 | 1.204 | 17.77 | 6.156 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 17:25:32 | 19.88 | 1.205 | 17.77 | 6.157 | 4.1 | 131.4 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 17:30:33 | 19.87 | 1.205 | 17.77 | 6.156 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:35:33 | 19.9 | 1.204 | 17.77 | 6.153 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:40:33 | 19.9 | 1.206 | 17.77 | 6.153 | 4.1 | 131.5 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 17:45:32 | 19.89 | 1.205 | 17.77 | 6.157 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 17:50:33 | 19.89 | 1.205 | 17.77 | 6.157 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 17:55:33 | 19.87 | 1.205 | 17.77 | 6.155 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 18:00:32 | 19.87 | 1.204 | 17.77 | 6.158 | 4.1 | 131.5 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 18:05:32 | 19.88 | 1.205 | 17.77 | 6.158 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 18:10:32 | 19.92 | 1.204 | 17.77 | 6.155 | 4.1 | 131.5 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 18:15:32 | 19.92 | 1.205 | 17.77 | 6.159 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 18:20:33 | 19.89 | 1.205 | 17.77 | 6.159 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 18:25:32 | 19.87 | 1.205 | 17.78 | 6.161 | 4.1 | 131.5 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 18:30:33 | 19.88 | 1.205 | 17.77 | 6.158 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 18:35:33 | 19.91 | 1.204 | 17.78 | 6.162 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 18:40:32 | 19.91 | 1.205 | 17.78 | 6.165 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 18:45:33 | 19.91 | 1.205 | 17.78 | 6.164 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 18:50:33 | 19.89 | 1.205 | 17.78 | 6.166 | 4.1 | 131.5 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 18:55:33 | 19.89 | 1.205 | 17.78 | 6.167 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 19:00:33 | 19.87 | 1.205 | 17.78 | 6.163 | 4.1 | 131.5 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 19:05:33 | 19.88 | 1.205 | 17.78 | 6.165 | 4.1 | 131.5 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 19:10:32 | 19.9 | 1.205 | 17.78 | 6.166 | 4.1 | 131.5 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 19:15:32 | 19.89 | 1.205 | 17.78 | 6.167 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 19:20:33 | 19.86 | 1.205 | 17.78 | 6.166 | 4.1 | 131.5 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 19:25:33 | 19.87 | 1.205 | 17.78 | 6.166 | 4.1 | 131.5 | -157 | 2.7 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 19:30:32 | 20 | 1.203 | 17.78 | 6.166 | 4.1 | 131.5 | -153 | 2.6 | 0.24 |
| 4/15/2012 | 19:35:33 | 19.97 | 1.204 | 17.78 | 6.168 | 4.1 | 131.4 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 19:40:33 | 19.94 | 1.204 | 17.78 | 6.167 | 4.1 | 131.4 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 19:45:33 | 19.92 | 1.204 | 17.78 | 6.168 | 4.1 | 131.5 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 19:50:33 | 19.93 | 1.204 | 17.78 | 6.17 | 4.1 | 131.4 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 19:55:33 | 19.98 | 1.202 | 17.78 | 6.169 | 4.1 | 131.4 | -154 | 2.6 | 0.24 |
| 4/15/2012 | 20:00:32 | 19.95 | 1.204 | 17.78 | 6.167 | 4.1 | 131.4 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 20:05:32 | 19.96 | 1.204 | 17.78 | 6.167 | 4.1 | 131.4 | -154 | 2.6 | 0.24 |
| 4/15/2012 | 20:10:33 | 19.94 | 1.204 | 17.78 | 6.167 | 4.1 | 131.4 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 20:15:33 | 19.91 | 1.204 | 17.78 | 6.168 | 4.1 | 131.4 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 20:20:33 | 19.89 | 1.204 | 17.78 | 6.167 | 4.1 | 131.4 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 20:25:33 | 19.91 | 1.204 | 17.78 | 6.167 | 4.1 | 131.4 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 20:30:33 | 19.89 | 1.204 | 17.78 | 6.171 | 4.1 | 131.4 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 20:35:33 | 19.93 | 1.204 | 17.78 | 6.17 | 4.1 | 131.4 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 20:40:33 | 19.91 | 1.204 | 17.78 | 6.165 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 20:45:33 | 20 | 1.203 | 17.78 | 6.169 | 4.1 | 131.3 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 20:50:33 | 19.98 | 1.203 | 17.78 | 6.173 | 4.1 | 131.3 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 20:55:33 | 19.95 | 1.204 | 17.78 | 6.172 | 4.1 | 131.3 | -154 | 2.6 | 0.24 |
| 4/15/2012 | 21:00:32 | 19.95 | 1.204 | 17.78 | 6.172 | 4.1 | 131.3 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 21:05:33 | 19.94 | 1.204 | 17.78 | 6.173 | 4.1 | 131.3 | -154 | 2.6 | 0.24 |
| 4/15/2012 | 21:10:33 | 19.95 | 1.203 | 17.78 | 6.171 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 21:15:32 | 19.95 | 1.204 | 17.78 | 6.172 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 21:20:32 | 19.92 | 1.204 | 17.78 | 6.171 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 21:25:32 | 19.92 | 1.204 | 17.78 | 6.172 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 21:30:33 | 19.91 | 1.204 | 17.78 | 6.172 | 4.1 | 131.3 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 21:35:32 | 19.92 | 1.204 | 17.78 | 6.173 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 21:40:32 | 19.89 | 1.204 | 17.78 | 6.173 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 21:45:33 | 19.88 | 1.204 | 17.78 | 6.171 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 21:50:33 | 19.87 | 1.204 | 17.78 | 6.168 | 4.1 | 131.3 | -157 | 2.7 | 0.24 |
| 4/15/2012 | 21:55:33 | 19.9 | 1.204 | 17.78 | 6.172 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 22:00:32 | 19.91 | 1.204 | 17.78 | 6.173 | 4.1 | 131.3 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 22:05:33 | 19.94 | 1.203 | 17.77 | 6.158 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 22:10:33 | 19.99 | 1.203 | 17.77 | 6.16 | 4.11 | 131.3 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 22:15:33 | 19.96 | 1.203 | 17.78 | 6.161 | 4.11 | 131.3 | -154 | 2.7 | 0.24 |
| 4/15/2012 | 22:20:33 | 19.93 | 1.203 | 17.78 | 6.164 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 22:25:32 | 19.92 | 1.204 | 17.78 | 6.161 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 22:30:32 | 19.92 | 1.204 | 17.78 | 6.166 | 4.1 | 131.3 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 22:35:32 | 19.89 | 1.204 | 17.78 | 6.165 | 4.1 | 131.3 | -155 | 2.6 | 0.24 |
| 4/15/2012 | 22:40:33 | 19.9 | 1.203 | 17.78 | 6.164 | 4.11 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 22:45:33 | 19.89 | 1.204 | 17.78 | 6.165 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 22:50:32 | 19.88 | 1.204 | 17.78 | 6.161 | 4.1 | 131.3 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 22:55:32 | 19.87 | 1.204 | 17.78 | 6.161 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 23:00:32 | 19.87 | 1.204 | 17.78 | 6.161 | 4.1 | 131.3 | -157 | 2.7 | 0.24 |
| 4/15/2012 | 23:05:33 | 19.88 | 1.204 | 17.78 | 6.162 | 4.1 | 131.3 | -157 | 2.7 | 0.24 |
| 4/15/2012 | 23:10:33 | 19.89 | 1.204 | 17.77 | 6.16 | 4.1 | 131.3 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 23:15:33 | 19.89 | 1.204 | 17.77 | 6.157 | 4.11 | 131.2 | -156 | 2.6 | 0.24 |
| 4/15/2012 | 23:20:32 | 19.89 | 1.204 | 17.77 | 6.156 | 4.11 | 131.2 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 23:25:33 | 19.88 | 1.204 | 17.77 | 6.157 | 4.1 | 131.2 | -156 | 2.7 | 0.24 |
| 4/15/2012 | 23:30:33 | 20.02 | 1.202 | 17.77 | 6.155 | 4.11 | 131.2 | -152 | 2.7 | 0.24 |
| 4/15/2012 | 23:35:32 | 19.99 | 1.203 | 17.77 | 6.152 | 4.11 | 131.2 | -153 | 2.7 | 0.24 |
| 4/15/2012 | 23:40:33 | 19.95 | 1.203 | 17.77 | 6.155 | 4.11 | 131.2 | -154 | 2.6 | 0.24 |
| 4/15/2012 | 23:45:33 | 19.93 | 1.203 | 17.77 | 6.151 | 4.11 | 131.2 | -155 | 2.7 | 0.24 |
| 4/15/2012 | 23:50:33 | 19.92 | 1.203 | 17.77 | 6.152 | 4.11 | 131.2 | -156 | 2.6 | 0.24 |
| 4/15/2012 | 23:55:33 | 19.91 | 1.203 | 17.77 | 6.152 | 4.11 | 131.2 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 0:00:33 | 19.93 | 1.203 | 17.77 | 6.151 | 4.11 | 131.2 | -157 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 0:05:33 | 19.91 | 1.203 | 17.77 | 6.148 | 4.11 | 131.2 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 0:10:32 | 19.89 | 1.204 | 17.77 | 6.149 | 4.11 | 131.2 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 0:15:32 | 19.88 | 1.203 | 17.77 | 6.149 | 4.11 | 131.2 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 0:20:32 | 19.88 | 1.203 | 17.77 | 6.146 | 4.11 | 131.2 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 0:25:32 | 19.9 | 1.204 | 17.77 | 6.15 | 4.11 | 131.2 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 0:30:33 | 19.89 | 1.203 | 17.77 | 6.147 | 4.11 | 131.2 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 0:35:33 | 19.97 | 1.203 | 17.77 | 6.147 | 4.11 | 131.2 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 0:40:32 | 19.98 | 1.203 | 17.77 | 6.148 | 4.11 | 131.1 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 0:45:32 | 19.94 | 1.203 | 17.77 | 6.146 | 4.11 | 131.2 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 0:50:32 | 19.9 | 1.203 | 17.77 | 6.143 | 4.11 | 131.1 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 0:55:32 | 19.96 | 1.203 | 17.77 | 6.144 | 4.11 | 131.2 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 1:00:33 | 19.93 | 1.203 | 17.77 | 6.136 | 4.11 | 131.2 | -154 | 2.7 | 0.24 |
| 4/16/2012 | 1:05:32 | 19.91 | 1.203 | 17.76 | 6.135 | 4.11 | 131.1 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 1:10:32 | 19.92 | 1.203 | 17.76 | 6.136 | 4.11 | 131.1 | -154 | 2.6 | 0.24 |
| 4/16/2012 | 1:15:32 | 19.92 | 1.203 | 17.76 | 6.132 | 4.11 | 131.1 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 1:20:33 | 19.9 | 1.203 | 17.76 | 6.134 | 4.11 | 131.1 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 1:25:33 | 19.96 | 1.202 | 17.76 | 6.128 | 4.11 | 131.1 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 1:30:32 | 19.93 | 1.203 | 17.76 | 6.128 | 4.11 | 131.1 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 1:35:32 | 19.92 | 1.203 | 17.76 | 6.13 | 4.11 | 131.1 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 1:40:32 | 19.9 | 1.203 | 17.76 | 6.132 | 4.11 | 131.1 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 1:45:32 | 19.89 | 1.203 | 17.76 | 6.127 | 4.11 | 131.1 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 1:50:33 | 19.89 | 1.203 | 17.76 | 6.128 | 4.11 | 131.1 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 1:55:32 | 19.87 | 1.203 | 17.76 | 6.126 | 4.11 | 131.1 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 2:00:33 | 19.87 | 1.202 | 17.76 | 6.125 | 4.11 | 131.1 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 2:05:32 | 19.86 | 1.203 | 17.76 | 6.124 | 4.11 | 131.1 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 2:10:33 | 19.88 | 1.203 | 17.76 | 6.12 | 4.11 | 131.1 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 2:15:32 | 19.87 | 1.203 | 17.76 | 6.12 | 4.11 | 131.1 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 2:20:32 | 19.87 | 1.204 | 17.76 | 6.118 | 4.11 | 131.1 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 2:25:33 | 19.86 | 1.203 | 17.76 | 6.12 | 4.11 | 131.1 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 2:30:33 | 19.87 | 1.203 | 17.76 | 6.117 | 4.11 | 131.1 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 2:35:32 | 19.94 | 1.203 | 17.76 | 6.117 | 4.11 | 131 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 2:40:32 | 19.92 | 1.203 | 17.76 | 6.115 | 4.11 | 131 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 2:45:33 | 19.9 | 1.203 | 17.76 | 6.114 | 4.11 | 131 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 2:50:33 | 19.89 | 1.203 | 17.75 | 6.111 | 4.11 | 131 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 2:55:33 | 19.96 | 1.202 | 17.75 | 6.108 | 4.11 | 131 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 3:00:32 | 19.97 | 1.203 | 17.75 | 6.108 | 4.11 | 131 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 3:05:33 | 19.97 | 1.203 | 17.75 | 6.106 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 3:10:32 | 19.94 | 1.203 | 17.75 | 6.107 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 3:15:32 | 19.95 | 1.202 | 17.75 | 6.104 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 3:20:33 | 19.96 | 1.202 | 17.75 | 6.103 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 3:25:33 | 19.99 | 1.202 | 17.75 | 6.101 | 4.11 | 131 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 3:30:33 | 19.93 | 1.203 | 17.75 | 6.1 | 4.11 | 131 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 3:35:33 | 19.95 | 1.203 | 17.75 | 6.099 | 4.11 | 131 | -155 | 2.7 | 0.24 |
| 4/16/2012 | 3:40:33 | 19.93 | 1.203 | 17.75 | 6.097 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 3:45:33 | 19.92 | 1.203 | 17.75 | 6.095 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 3:50:33 | 19.94 | 1.203 | 17.75 | 6.094 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 3:55:32 | 19.94 | 1.202 | 17.75 | 6.093 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 4:00:33 | 19.92 | 1.203 | 17.75 | 6.091 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 4:05:33 | 19.93 | 1.203 | 17.75 | 6.093 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 4:10:32 | 19.91 | 1.203 | 17.75 | 6.096 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 4:15:32 | 19.9 | 1.204 | 17.75 | 6.098 | 4.11 | 130.9 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 4:20:32 | 19.88 | 1.203 | 17.75 | 6.097 | 4.11 | 130.9 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 4:25:33 | 19.95 | 1.202 | 17.75 | 6.097 | 4.11 | 131 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 4:30:33 | 19.94 | 1.203 | 17.75 | 6.095 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 4:35:33 | 19.91 | 1.204 | 17.75 | 6.095 | 4.11 | 131 | -156 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 4:40:33 | 19.91 | 1.204 | 17.75 | 6.096 | 4.11 | 131 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 4:45:33 | 19.91 | 1.203 | 17.75 | 6.095 | 4.11 | 131 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 4:50:32 | 19.89 | 1.203 | 17.75 | 6.097 | 4.11 | 131 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 4:55:33 | 19.88 | 1.203 | 17.75 | 6.095 | 4.11 | 131 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 5:00:33 | 19.89 | 1.203 | 17.75 | 6.097 | 4.11 | 131 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 5:05:32 | 19.92 | 1.204 | 17.75 | 6.097 | 4.11 | 131 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 5:10:32 | 19.94 | 1.204 | 17.75 | 6.099 | 4.11 | 130.9 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 5:15:33 | 19.92 | 1.204 | 17.75 | 6.102 | 4.11 | 131 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 5:20:33 | 19.91 | 1.204 | 17.75 | 6.101 | 4.11 | 131 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 5:25:33 | 19.94 | 1.203 | 17.75 | 6.098 | 4.11 | 131 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 5:30:33 | 19.93 | 1.204 | 17.75 | 6.1 | 4.11 | 130.9 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 5:35:33 | 19.95 | 1.204 | 17.75 | 6.104 | 4.11 | 130.9 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 5:40:32 | 19.94 | 1.204 | 17.75 | 6.106 | 4.11 | 130.9 | -155 | 2.6 | 0.24 |
| 4/16/2012 | 5:45:32 | 19.91 | 1.204 | 17.75 | 6.107 | 4.11 | 130.9 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 5:50:33 | 19.9 | 1.203 | 17.75 | 6.109 | 4.11 | 130.9 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 5:55:32 | 19.9 | 1.204 | 17.75 | 6.109 | 4.11 | 130.9 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 6:00:32 | 19.9 | 1.204 | 17.75 | 6.11 | 4.11 | 130.9 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 6:05:33 | 19.9 | 1.203 | 17.75 | 6.112 | 4.11 | 131 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 6:10:32 | 19.96 | 1.203 | 17.75 | 6.113 | 4.11 | 130.9 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 6:15:33 | 19.96 | 1.203 | 17.76 | 6.114 | 4.11 | 130.9 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 6:20:33 | 19.96 | 1.204 | 17.76 | 6.118 | 4.11 | 130.9 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 6:25:32 | 19.94 | 1.203 | 17.76 | 6.119 | 4.11 | 130.9 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 6:30:33 | 19.98 | 1.203 | 17.76 | 6.121 | 4.11 | 130.9 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 6:35:33 | 19.95 | 1.203 | 17.76 | 6.123 | 4.11 | 130.9 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 6:40:33 | 19.95 | 1.203 | 17.76 | 6.121 | 4.11 | 130.9 | -156 | 2.6 | 0.24 |
| 4/16/2012 | 6:45:33 | 19.94 | 1.203 | 17.76 | 6.126 | 4.11 | 130.9 | -157 | 2.7 | 0.24 |
| 4/16/2012 | 6:50:33 | 19.94 | 1.203 | 17.76 | 6.126 | 4.11 | 130.9 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 6:55:33 | 19.91 | 1.203 | 17.76 | 6.129 | 4.11 | 130.9 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 7:00:33 | 19.91 | 1.203 | 17.76 | 6.126 | 4.11 | 130.9 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 7:05:33 | 19.91 | 1.203 | 17.76 | 6.131 | 4.11 | 130.9 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 7:10:33 | 19.92 | 1.203 | 17.76 | 6.131 | 4.11 | 130.9 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 7:15:32 | 19.9 | 1.203 | 17.76 | 6.135 | 4.11 | 130.9 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 7:20:33 | 19.9 | 1.203 | 17.77 | 6.139 | 4.11 | 130.9 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 7:25:33 | 19.89 | 1.203 | 17.77 | 6.137 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 7:30:33 | 19.88 | 1.203 | 17.77 | 6.139 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 7:35:33 | 19.9 | 1.203 | 17.77 | 6.14 | 4.11 | 130.9 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 7:40:32 | 19.9 | 1.203 | 17.77 | 6.138 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 7:45:32 | 19.97 | 1.203 | 17.77 | 6.141 | 4.11 | 130.9 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 7:50:32 | 20.02 | 1.202 | 17.77 | 6.142 | 4.11 | 130.8 | -156 | 2.7 | 0.24 |
| 4/16/2012 | 7:55:32 | 19.97 | 1.203 | 17.77 | 6.141 | 4.11 | 130.8 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 8:00:33 | 19.95 | 1.202 | 17.77 | 6.144 | 4.11 | 130.9 | -157 | 2.6 | 0.24 |
| 4/16/2012 | 8:05:33 | 19.92 | 1.203 | 17.77 | 6.146 | 4.11 | 130.9 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 8:10:33 | 19.92 | 1.203 | 17.77 | 6.146 | 4.11 | 130.9 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 8:15:33 | 19.93 | 1.203 | 17.77 | 6.146 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 8:20:33 | 19.91 | 1.203 | 17.77 | 6.147 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 8:25:33 | 19.91 | 1.203 | 17.77 | 6.149 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 8:30:33 | 19.9 | 1.202 | 17.76 | 6.133 | 4.11 | 130.9 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 8:35:32 | 19.94 | 1.202 | 17.76 | 6.134 | 4.11 | 130.9 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 8:40:33 | 19.91 | 1.202 | 17.76 | 6.133 | 4.11 | 130.9 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 8:45:33 | 19.91 | 1.202 | 17.77 | 6.138 | 4.11 | 130.8 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 8:50:32 | 19.93 | 1.202 | 17.77 | 6.137 | 4.11 | 130.8 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 8:55:32 | 19.91 | 1.202 | 17.77 | 6.141 | 4.11 | 130.8 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 9:00:33 | 19.92 | 1.202 | 17.77 | 6.142 | 4.11 | 130.8 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 9:05:33 | 19.9 | 1.202 | 17.77 | 6.14 | 4.11 | 130.9 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 9:10:32 | 19.96 | 1.202 | 17.77 | 6.14 | 4.11 | 130.8 | -159 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 9:15:32 | 19.93 | 1.203 | 17.77 | 6.141 | 4.11 | 130.8 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 9:20:32 | 19.92 | 1.202 | 17.77 | 6.143 | 4.11 | 130.8 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 9:25:32 | 19.9 | 1.202 | 17.77 | 6.146 | 4.11 | 130.8 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 9:30:32 | 19.89 | 1.203 | 17.77 | 6.146 | 4.11 | 130.8 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 9:35:32 | 19.92 | 1.202 | 17.77 | 6.148 | 4.11 | 130.8 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 9:40:33 | 19.95 | 1.202 | 17.77 | 6.148 | 4.11 | 130.8 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 9:45:33 | 19.96 | 1.202 | 17.77 | 6.148 | 4.11 | 130.7 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 9:50:33 | 19.94 | 1.202 | 17.77 | 6.148 | 4.11 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 9:55:33 | 19.92 | 1.203 | 17.77 | 6.148 | 4.11 | 130.7 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 10:00:33 | 19.93 | 1.202 | 17.77 | 6.151 | 4.11 | 130.8 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 10:05:33 | 19.91 | 1.202 | 17.77 | 6.153 | 4.11 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 10:10:33 | 19.91 | 1.202 | 17.77 | 6.154 | 4.11 | 130.8 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 10:15:32 | 19.89 | 1.202 | 17.77 | 6.157 | 4.11 | 130.7 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 10:20:32 | 19.96 | 1.201 | 17.77 | 6.152 | 4.11 | 130.8 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 10:25:32 | 19.96 | 1.202 | 17.77 | 6.156 | 4.12 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 10:30:33 | 19.94 | 1.202 | 17.77 | 6.155 | 4.11 | 130.7 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 10:35:33 | 19.92 | 1.202 | 17.77 | 6.157 | 4.12 | 130.7 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 10:40:33 | 19.9 | 1.202 | 17.77 | 6.16 | 4.11 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 10:45:33 | 19.95 | 1.201 | 17.78 | 6.16 | 4.11 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 10:50:33 | 19.92 | 1.202 | 17.77 | 6.16 | 4.12 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 10:55:32 | 19.92 | 1.202 | 17.77 | 6.158 | 4.12 | 130.7 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 11:00:32 | 19.94 | 1.201 | 17.77 | 6.157 | 4.12 | 130.7 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 11:05:33 | 19.93 | 1.201 | 17.77 | 6.156 | 4.12 | 130.7 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 11:10:32 | 19.92 | 1.201 | 17.77 | 6.155 | 4.12 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 11:15:33 | 19.92 | 1.201 | 17.77 | 6.157 | 4.12 | 130.7 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 11:20:32 | 19.92 | 1.201 | 17.77 | 6.157 | 4.12 | 130.7 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 11:25:32 | 19.91 | 1.201 | 17.77 | 6.153 | 4.12 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 11:30:32 | 19.9 | 1.201 | 17.77 | 6.152 | 4.12 | 130.7 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 11:35:32 | 19.93 | 1.201 | 17.77 | 6.15 | 4.12 | 130.7 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 11:40:33 | 19.98 | 1.2 | 17.77 | 6.149 | 4.12 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 11:45:33 | 19.95 | 1.201 | 17.77 | 6.148 | 4.12 | 130.6 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 11:50:33 | 19.93 | 1.2 | 17.77 | 6.146 | 4.12 | 130.7 | -159 | 2.7 | 0.24 |
| 4/16/2012 | 11:55:33 | 19.92 | 1.2 | 17.77 | 6.145 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 12:00:33 | 19.91 | 1.2 | 17.77 | 6.144 | 4.12 | 130.7 | -161 | 2.7 | 0.24 |
| 4/16/2012 | 12:05:33 | 19.9 | 1.201 | 17.77 | 6.142 | 4.12 | 130.7 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 12:10:32 | 19.9 | 1.201 | 17.77 | 6.139 | 4.12 | 130.7 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 12:15:32 | 20.02 | 1.198 | 17.77 | 6.14 | 4.12 | 130.7 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 12:20:32 | 20.01 | 1.199 | 17.77 | 6.14 | 4.12 | 130.6 | -158 | 2.7 | 0.24 |
| 4/16/2012 | 12:25:33 | 19.97 | 1.2 | 17.77 | 6.137 | 4.12 | 130.6 | -158 | 2.6 | 0.24 |
| 4/16/2012 | 12:30:32 | 19.95 | 1.199 | 17.77 | 6.139 | 4.12 | 130.6 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 12:35:33 | 19.96 | 1.2 | 17.76 | 6.135 | 4.12 | 130.6 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 12:40:32 | 19.94 | 1.2 | 17.76 | 6.135 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 12:45:33 | 20 | 1.199 | 17.76 | 6.13 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 12:50:33 | 19.96 | 1.2 | 17.76 | 6.129 | 4.12 | 130.6 | -159 | 2.6 | 0.24 |
| 4/16/2012 | 12:55:33 | 19.93 | 1.2 | 17.76 | 6.129 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:00:32 | 19.92 | 1.2 | 17.76 | 6.124 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:05:33 | 19.96 | 1.2 | 17.76 | 6.124 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:10:32 | 19.94 | 1.2 | 17.76 | 6.124 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:15:32 | 19.95 | 1.199 | 17.76 | 6.125 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:20:32 | 19.93 | 1.2 | 17.76 | 6.124 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:25:32 | 19.91 | 1.2 | 17.76 | 6.121 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 13:30:32 | 19.91 | 1.2 | 17.76 | 6.121 | 4.12 | 130.6 | -161 | 2.7 | 0.24 |
| 4/16/2012 | 13:35:33 | 19.9 | 1.2 | 17.76 | 6.12 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 13:40:33 | 19.9 | 1.2 | 17.76 | 6.118 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 13:45:33 | 19.89 | 1.2 | 17.76 | 6.114 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 13:50:33 | 19.92 | 1.2 | 17.76 | 6.115 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 13:55:33 | 19.95 | 1.199 | 17.75 | 6.1 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 14:00:33 | 19.93 | 1.199 | 17.75 | 6.1 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 14:05:32 | 19.92 | 1.2 | 17.75 | 6.099 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 14:10:33 | 19.92 | 1.2 | 17.75 | 6.1 | 4.12 | 130.6 | -161 | 2.7 | 0.24 |
| 4/16/2012 | 14:15:33 | 19.96 | 1.199 | 17.75 | 6.099 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 14:20:33 | 19.95 | 1.2 | 17.75 | 6.097 | 4.12 | 130.6 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 14:25:33 | 19.93 | 1.2 | 17.75 | 6.1 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 14:30:32 | 20.01 | 1.199 | 17.75 | 6.093 | 4.12 | 130.6 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 14:35:33 | 19.97 | 1.2 | 17.75 | 6.093 | 4.12 | 130.6 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 14:40:33 | 19.93 | 1.2 | 17.74 | 6.09 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 14:45:33 | 19.91 | 1.2 | 17.75 | 6.093 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 14:50:33 | 19.92 | 1.2 | 17.75 | 6.095 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 14:55:33 | 19.97 | 1.199 | 17.75 | 6.092 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 15:00:33 | 19.93 | 1.201 | 17.75 | 6.09 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 15:05:33 | 19.93 | 1.201 | 17.74 | 6.089 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 15:10:32 | 19.9 | 1.201 | 17.75 | 6.095 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 15:15:32 | 19.92 | 1.2 | 17.75 | 6.091 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 15:20:33 | 19.91 | 1.201 | 17.75 | 6.091 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 15:25:32 | 19.9 | 1.201 | 17.75 | 6.09 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 15:30:33 | 19.91 | 1.201 | 17.74 | 6.087 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 15:35:33 | 19.91 | 1.201 | 17.74 | 6.089 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 15:40:32 | 19.91 | 1.201 | 17.74 | 6.085 | 4.12 | 130.6 | -163 | 2.7 | 0.24 |
| 4/16/2012 | 15:45:32 | 19.89 | 1.201 | 17.74 | 6.084 | 4.12 | 130.6 | -163 | 2.7 | 0.24 |
| 4/16/2012 | 15:50:33 | 19.88 | 1.201 | 17.74 | 6.086 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 15:55:32 | 19.96 | 1.201 | 17.74 | 6.084 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 16:00:33 | 19.94 | 1.201 | 17.74 | 6.082 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 16:05:32 | 20.01 | 1.2 | 17.74 | 6.081 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 16:10:32 | 19.99 | 1.201 | 17.74 | 6.081 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 16:15:32 | 19.95 | 1.201 | 17.74 | 6.078 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 16:20:32 | 19.95 | 1.202 | 17.74 | 6.074 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 16:25:32 | 19.96 | 1.201 | 17.74 | 6.076 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 16:30:32 | 20.01 | 1.201 | 17.74 | 6.076 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 16:35:33 | 19.97 | 1.202 | 17.74 | 6.072 | 4.12 | 130.6 | -162 | 2.7 | 0.24 |
| 4/16/2012 | 16:40:33 | 19.97 | 1.202 | 17.74 | 6.074 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 16:45:33 | 20.01 | 1.201 | 17.74 | 6.073 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 16:50:33 | 19.98 | 1.202 | 17.74 | 6.073 | 4.12 | 130.6 | -160 | 2.7 | 0.24 |
| 4/16/2012 | 16:55:33 | 19.96 | 1.202 | 17.74 | 6.073 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 17:00:33 | 19.95 | 1.202 | 17.74 | 6.073 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 17:05:33 | 20 | 1.201 | 17.74 | 6.076 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 17:10:33 | 20.04 | 1.201 | 17.74 | 6.075 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 17:15:33 | 19.99 | 1.202 | 17.74 | 6.076 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 17:20:33 | 19.96 | 1.202 | 17.74 | 6.078 | 4.12 | 130.7 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 17:25:33 | 19.95 | 1.203 | 17.74 | 6.078 | 4.12 | 130.7 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 17:30:33 | 20.01 | 1.202 | 17.74 | 6.081 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 17:35:33 | 20.01 | 1.202 | 17.74 | 6.085 | 4.12 | 130.7 | -161 | 2.7 | 0.24 |
| 4/16/2012 | 17:40:33 | 19.96 | 1.203 | 17.74 | 6.083 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 17:45:33 | 19.94 | 1.203 | 17.74 | 6.084 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 17:50:33 | 19.94 | 1.203 | 17.74 | 6.083 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 17:55:33 | 19.92 | 1.203 | 17.74 | 6.084 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 18:00:32 | 19.92 | 1.203 | 17.74 | 6.083 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 18:05:33 | 19.92 | 1.203 | 17.74 | 6.082 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 18:10:33 | 20 | 1.202 | 17.74 | 6.082 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 18:15:33 | 19.99 | 1.203 | 17.74 | 6.082 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 18:20:33 | 19.97 | 1.203 | 17.74 | 6.085 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 18:25:32 | 19.95 | 1.202 | 17.74 | 6.085 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 18:30:33 | 19.93 | 1.203 | 17.74 | 6.084 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 18:35:33 | 19.95 | 1.203 | 17.74 | 6.079 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 18:40:33 | 19.93 | 1.203 | 17.74 | 6.077 | 4.12 | 130.7 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 18:45:33 | 19.95 | 1.203 | 17.74 | 6.078 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 18:50:33 | 19.94 | 1.203 | 17.74 | 6.078 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 18:55:32 | 19.97 | 1.203 | 17.73 | 6.065 | 4.12 | 130.6 | -163 | 2.7 | 0.24 |
| 4/16/2012 | 19:00:32 | 19.94 | 1.203 | 17.73 | 6.066 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:05:32 | 19.92 | 1.203 | 17.74 | 6.07 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:10:32 | 19.95 | 1.203 | 17.74 | 6.069 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:15:32 | 19.95 | 1.204 | 17.74 | 6.072 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:20:33 | 19.94 | 1.203 | 17.74 | 6.071 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:25:32 | 19.92 | 1.203 | 17.74 | 6.071 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:30:32 | 19.97 | 1.203 | 17.74 | 6.075 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 19:35:33 | 20.03 | 1.202 | 17.74 | 6.077 | 4.12 | 130.7 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 19:40:33 | 20.01 | 1.203 | 17.74 | 6.076 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 19:45:33 | 19.98 | 1.204 | 17.74 | 6.077 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 19:50:33 | 20.02 | 1.203 | 17.74 | 6.079 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 19:55:33 | 19.99 | 1.203 | 17.74 | 6.083 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 20:00:33 | 19.97 | 1.204 | 17.74 | 6.083 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 20:05:32 | 19.94 | 1.204 | 17.74 | 6.085 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:10:32 | 20.01 | 1.203 | 17.74 | 6.084 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:15:32 | 19.99 | 1.204 | 17.74 | 6.085 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:20:32 | 19.95 | 1.204 | 17.74 | 6.087 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:25:32 | 19.99 | 1.203 | 17.74 | 6.088 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:30:32 | 19.94 | 1.204 | 17.74 | 6.087 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:35:32 | 19.95 | 1.204 | 17.74 | 6.085 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 20:40:32 | 19.93 | 1.204 | 17.74 | 6.085 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 20:45:33 | 19.95 | 1.204 | 17.74 | 6.087 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 20:50:32 | 19.94 | 1.204 | 17.74 | 6.087 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 20:55:32 | 19.94 | 1.205 | 17.75 | 6.091 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 21:00:33 | 19.97 | 1.204 | 17.74 | 6.088 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 21:05:33 | 19.95 | 1.205 | 17.74 | 6.089 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 21:10:32 | 19.93 | 1.205 | 17.74 | 6.089 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 21:15:32 | 19.93 | 1.204 | 17.74 | 6.089 | 4.12 | 130.7 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 21:20:32 | 20.03 | 1.203 | 17.75 | 6.092 | 4.12 | 130.7 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 21:25:33 | 20.02 | 1.204 | 17.75 | 6.092 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 21:30:33 | 20.02 | 1.204 | 17.75 | 6.093 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 21:35:32 | 20.05 | 1.203 | 17.75 | 6.093 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 21:40:33 | 20.05 | 1.202 | 17.75 | 6.091 | 4.12 | 130.6 | -160 | 2.6 | 0.24 |
| 4/16/2012 | 21:45:33 | 20.02 | 1.203 | 17.75 | 6.093 | 4.12 | 130.6 | -161 | 2.6 | 0.24 |
| 4/16/2012 | 21:50:33 | 20 | 1.203 | 17.75 | 6.094 | 4.12 | 130.6 | -162 | 2.6 | 0.24 |
| 4/16/2012 | 21:55:33 | 19.98 | 1.204 | 17.75 | 6.091 | 4.12 | 130.6 | -163 | 2.6 | 0.24 |
| 4/16/2012 | 22:00:33 | 19.99 | 1.204 | 17.75 | 6.093 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:05:32 | 19.94 | 1.204 | 17.75 | 6.096 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:10:32 | 19.93 | 1.204 | 17.75 | 6.097 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:15:33 | 19.94 | 1.204 | 17.75 | 6.096 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |
| 4/16/2012 | 22:20:33 | 20.01 | 1.202 | 17.75 | 6.095 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:25:32 | 19.98 | 1.203 | 17.75 | 6.097 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:30:32 | 19.99 | 1.203 | 17.75 | 6.099 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:35:33 | 19.97 | 1.204 | 17.75 | 6.095 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:40:33 | 19.96 | 1.204 | 17.75 | 6.094 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:45:33 | 19.96 | 1.204 | 17.75 | 6.091 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:50:33 | 19.95 | 1.203 | 17.75 | 6.092 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 22:55:32 | 19.95 | 1.203 | 17.74 | 6.089 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 23:00:33 | 19.92 | 1.204 | 17.75 | 6.09 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |
| 4/16/2012 | 23:05:33 | 19.95 | 1.203 | 17.75 | 6.091 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |
| 4/16/2012 | 23:10:32 | 19.94 | 1.204 | 17.74 | 6.089 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 23:15:33 | 19.94 | 1.204 | 17.74 | 6.085 | 4.12 | 130.6 | -164 | 2.7 | 0.24 |
| 4/16/2012 | 23:20:32 | 19.91 | 1.204 | 17.74 | 6.085 | 4.12 | 130.6 | -164 | 2.7 | 0.24 |
| 4/16/2012 | 23:25:33 | 19.91 | 1.203 | 17.74 | 6.087 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/16/2012 | 23:30:33 | 19.91 | 1.204 | 17.74 | 6.081 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |
| 4/16/2012 | 23:35:33 | 19.92 | 1.204 | 17.74 | 6.083 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |
| 4/16/2012 | 23:40:32 | 19.93 | 1.203 | 17.74 | 6.079 | 4.12 | 130.6 | -166 | 2.6 | 0.24 |
| 4/16/2012 | 23:45:32 | 19.93 | 1.203 | 17.74 | 6.077 | 4.12 | 130.6 | -166 | 2.6 | 0.24 |
| 4/16/2012 | 23:50:33 | 19.93 | 1.204 | 17.74 | 6.077 | 4.12 | 130.6 | -166 | 2.6 | 0.24 |
| 4/16/2012 | 23:55:33 | 19.93 | 1.204 | 17.74 | 6.077 | 4.12 | 130.6 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 0:00:32 | 19.93 | 1.204 | 17.74 | 6.074 | 4.12 | 130.6 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 0:05:32 | 19.93 | 1.204 | 17.74 | 6.075 | 4.12 | 130.6 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 0:10:32 | 19.95 | 1.203 | 17.74 | 6.075 | 4.12 | 130.5 | -165 | 2.7 | 0.24 |
| 4/17/2012 | 0:15:33 | 19.94 | 1.203 | 17.74 | 6.072 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 0:20:33 | 19.94 | 1.203 | 17.74 | 6.072 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 0:25:32 | 19.95 | 1.203 | 17.74 | 6.076 | 4.12 | 130.6 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 0:30:33 | 19.95 | 1.203 | 17.74 | 6.074 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 0:35:33 | 19.93 | 1.204 | 17.74 | 6.075 | 4.12 | 130.5 | -164 | 2.7 | 0.24 |
| 4/17/2012 | 0:40:33 | 19.96 | 1.203 | 17.74 | 6.069 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 0:45:33 | 20.01 | 1.202 | 17.74 | 6.068 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 0:50:33 | 19.98 | 1.203 | 17.73 | 6.067 | 4.12 | 130.5 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 0:55:32 | 19.96 | 1.202 | 17.73 | 6.063 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:00:32 | 19.98 | 1.203 | 17.73 | 6.057 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:05:32 | 19.97 | 1.203 | 17.73 | 6.056 | 4.12 | 130.5 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 1:10:32 | 19.97 | 1.202 | 17.73 | 6.055 | 4.12 | 130.4 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 1:15:33 | 19.96 | 1.203 | 17.73 | 6.054 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:20:33 | 20.01 | 1.202 | 17.73 | 6.055 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:25:32 | 20.03 | 1.202 | 17.73 | 6.052 | 4.12 | 130.5 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 1:30:33 | 19.99 | 1.203 | 17.73 | 6.053 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:35:32 | 19.99 | 1.203 | 17.73 | 6.05 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:40:33 | 19.95 | 1.203 | 17.73 | 6.049 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 1:45:33 | 19.94 | 1.204 | 17.73 | 6.046 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 1:50:33 | 20 | 1.202 | 17.73 | 6.046 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 1:55:32 | 20 | 1.203 | 17.73 | 6.047 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 2:00:33 | 20.05 | 1.201 | 17.73 | 6.049 | 4.12 | 130.5 | -161 | 2.6 | 0.24 |
| 4/17/2012 | 2:05:33 | 20.03 | 1.202 | 17.73 | 6.046 | 4.12 | 130.5 | -161 | 2.6 | 0.24 |
| 4/17/2012 | 2:10:32 | 20.01 | 1.203 | 17.73 | 6.045 | 4.12 | 130.5 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 2:15:33 | 19.99 | 1.203 | 17.73 | 6.044 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 2:20:33 | 19.98 | 1.203 | 17.73 | 6.047 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 2:25:33 | 20.01 | 1.203 | 17.73 | 6.046 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 2:30:32 | 19.96 | 1.203 | 17.73 | 6.044 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 2:35:32 | 19.95 | 1.203 | 17.73 | 6.045 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 2:40:33 | 19.96 | 1.204 | 17.73 | 6.045 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 2:45:33 | 19.99 | 1.203 | 17.72 | 6.041 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 2:50:32 | 19.96 | 1.204 | 17.72 | 6.042 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 2:55:32 | 19.95 | 1.204 | 17.72 | 6.041 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:00:33 | 19.95 | 1.203 | 17.72 | 6.042 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 3:05:32 | 19.96 | 1.203 | 17.72 | 6.043 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 3:10:33 | 19.95 | 1.204 | 17.72 | 6.041 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 3:15:33 | 19.99 | 1.202 | 17.72 | 6.041 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:20:33 | 20 | 1.203 | 17.72 | 6.041 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:25:32 | 19.98 | 1.203 | 17.72 | 6.043 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:30:33 | 20 | 1.203 | 17.73 | 6.044 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 3:35:33 | 20.04 | 1.202 | 17.72 | 6.043 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:40:33 | 20.01 | 1.203 | 17.72 | 6.043 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:45:33 | 20.01 | 1.203 | 17.72 | 6.042 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:50:33 | 20.02 | 1.203 | 17.73 | 6.044 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 3:55:33 | 20.01 | 1.203 | 17.72 | 6.042 | 4.12 | 130.5 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 4:00:33 | 19.99 | 1.203 | 17.72 | 6.043 | 4.12 | 130.4 | -162 | 2.7 | 0.24 |
| 4/17/2012 | 4:05:33 | 19.99 | 1.203 | 17.72 | 6.041 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 4:10:32 | 20.04 | 1.202 | 17.72 | 6.036 | 4.12 | 130.4 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 4:15:33 | 20.04 | 1.203 | 17.72 | 6.037 | 4.12 | 130.4 | -161 | 2.6 | 0.24 |
| 4/17/2012 | 4:20:32 | 20.01 | 1.203 | 17.72 | 6.037 | 4.12 | 130.4 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 4:25:33 | 19.97 | 1.203 | 17.72 | 6.039 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 4:30:33 | 19.95 | 1.203 | 17.72 | 6.038 | 4.12 | 130.5 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 4:35:33 | 19.94 | 1.204 | 17.72 | 6.039 | 4.12 | 130.5 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 4:40:33 | 19.93 | 1.204 | 17.72 | 6.04 | 4.12 | 130.5 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 4:45:33 | 19.93 | 1.204 | 17.72 | 6.041 | 4.12 | 130.5 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 4:50:33 | 19.91 | 1.204 | 17.72 | 6.039 | 4.12 | 130.5 | -166 | 2.7 | 0.24 |
| 4/17/2012 | 4:55:33 | 19.96 | 1.203 | 17.72 | 6.039 | 4.12 | 130.5 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 5:00:32 | 19.96 | 1.204 | 17.72 | 6.042 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 5:05:33 | 19.95 | 1.204 | 17.72 | 6.036 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 5:10:32 | 19.96 | 1.204 | 17.72 | 6.036 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 5:15:32 | 19.95 | 1.204 | 17.72 | 6.039 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 5:20:33 | 20.03 | 1.203 | 17.72 | 6.04 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 5:25:32 | 19.98 | 1.204 | 17.72 | 6.043 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 5:30:32 | 20.04 | 1.203 | 17.72 | 6.039 | 4.12 | 130.4 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 5:35:33 | 20 | 1.204 | 17.72 | 6.037 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 5:40:32 | 19.97 | 1.204 | 17.72 | 6.038 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 5:45:33 | 20.01 | 1.204 | 17.72 | 6.042 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 5:50:33 | 19.97 | 1.204 | 17.73 | 6.045 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 5:55:32 | 20.05 | 1.202 | 17.73 | 6.047 | 4.12 | 130.4 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 6:00:33 | 20.02 | 1.203 | 17.73 | 6.045 | 4.12 | 130.4 | -161 | 2.7 | 0.24 |
| 4/17/2012 | 6:05:33 | 20 | 1.203 | 17.73 | 6.048 | 4.12 | 130.4 | -162 | 2.6 | 0.24 |
| 4/17/2012 | 6:10:32 | 19.99 | 1.204 | 17.73 | 6.047 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 6:15:33 | 20.01 | 1.204 | 17.73 | 6.048 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 6:20:33 | 20.03 | 1.203 | 17.73 | 6.051 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 6:25:32 | 20.04 | 1.203 | 17.73 | 6.051 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 6:30:33 | 20.03 | 1.204 | 17.73 | 6.055 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 6:35:32 | 19.99 | 1.204 | 17.73 | 6.056 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 6:40:33 | 19.98 | 1.203 | 17.73 | 6.059 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 6:45:32 | 19.96 | 1.204 | 17.73 | 6.063 | 4.12 | 130.5 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 6:50:32 | 19.95 | 1.204 | 17.73 | 6.061 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 6:55:33 | 20 | 1.203 | 17.73 | 6.064 | 4.12 | 130.4 | -164 | 2.7 | 0.24 |
| 4/17/2012 | 7:00:33 | 20.02 | 1.203 | 17.73 | 6.065 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 7:05:33 | 20 | 1.204 | 17.74 | 6.069 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 7:10:32 | 19.99 | 1.204 | 17.74 | 6.071 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 7:15:33 | 20 | 1.204 | 17.74 | 6.074 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 7:20:33 | 20.03 | 1.203 | 17.74 | 6.075 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 7:25:33 | 19.97 | 1.204 | 17.73 | 6.066 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 7:30:33 | 19.95 | 1.204 | 17.74 | 6.068 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 7:35:33 | 19.93 | 1.203 | 17.74 | 6.07 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 7:40:32 | 19.92 | 1.204 | 17.74 | 6.07 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 7:45:32 | 19.92 | 1.204 | 17.74 | 6.069 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 7:50:33 | 19.94 | 1.205 | 17.74 | 6.068 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 7:55:33 | 20.04 | 1.202 | 17.74 | 6.07 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:00:33 | 20.01 | 1.203 | 17.74 | 6.071 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:05:33 | 19.99 | 1.204 | 17.74 | 6.072 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 8:10:33 | 19.98 | 1.204 | 17.74 | 6.074 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 8:15:32 | 20 | 1.204 | 17.74 | 6.076 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:20:33 | 19.97 | 1.204 | 17.74 | 6.077 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:25:33 | 19.97 | 1.204 | 17.74 | 6.079 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:30:32 | 19.96 | 1.203 | 17.74 | 6.076 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:35:33 | 20.03 | 1.203 | 17.74 | 6.079 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:40:33 | 20.01 | 1.203 | 17.74 | 6.08 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 8:45:33 | 19.98 | 1.204 | 17.74 | 6.08 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 8:50:32 | 20.02 | 1.203 | 17.74 | 6.08 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 8:55:33 | 19.97 | 1.204 | 17.74 | 6.078 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 9:00:33 | 19.98 | 1.203 | 17.74 | 6.079 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 9:05:32 | 20 | 1.203 | 17.74 | 6.08 | 4.12 | 130.4 | -163 | 2.6 | 0.24 |
| 4/17/2012 | 9:10:33 | 19.97 | 1.203 | 17.74 | 6.082 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 9:15:33 | 19.96 | 1.203 | 17.74 | 6.08 | 4.12 | 130.4 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 9:20:33 | 19.96 | 1.204 | 17.74 | 6.078 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
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| 4/17/2012 | 9:40:32 | 19.99 | 1.202 | 17.74 | 6.079 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 9:45:32 | 20 | 1.203 | 17.74 | 6.076 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 9:50:33 | 19.97 | 1.203 | 17.74 | 6.075 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 9:55:33 | 19.94 | 1.203 | 17.74 | 6.076 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:00:33 | 19.93 | 1.203 | 17.74 | 6.075 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:05:33 | 19.93 | 1.203 | 17.74 | 6.073 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 10:10:32 | 19.98 | 1.203 | 17.74 | 6.072 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 10:15:33 | 19.98 | 1.203 | 17.74 | 6.073 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:20:32 | 19.94 | 1.203 | 17.74 | 6.073 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:25:33 | 19.98 | 1.203 | 17.74 | 6.072 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:30:32 | 19.97 | 1.203 | 17.74 | 6.074 | 4.12 | 130.4 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:35:33 | 19.96 | 1.203 | 17.74 | 6.073 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:40:33 | 19.94 | 1.203 | 17.74 | 6.072 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 10:45:33 | 19.95 | 1.203 | 17.74 | 6.071 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 10:50:32 | 19.93 | 1.203 | 17.74 | 6.074 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 10:55:33 | 19.94 | 1.203 | 17.74 | 6.069 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 11:00:32 | 19.96 | 1.202 | 17.74 | 6.07 | 4.12 | 130.3 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 11:05:33 | 19.97 | 1.203 | 17.73 | 6.067 | 4.12 | 130.3 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 11:10:32 | 19.96 | 1.202 | 17.73 | 6.065 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 11:15:33 | 19.93 | 1.203 | 17.74 | 6.068 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 11:20:33 | 19.92 | 1.202 | 17.73 | 6.066 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 11:25:33 | 19.91 | 1.202 | 17.73 | 6.065 | 4.12 | 130.3 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 11:30:33 | 19.93 | 1.202 | 17.73 | 6.065 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 11:35:33 | 19.92 | 1.203 | 17.73 | 6.06 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 11:40:33 | 19.98 | 1.203 | 17.73 | 6.058 | 4.12 | 130.3 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 11:45:33 | 19.99 | 1.203 | 17.73 | 6.058 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 11:50:32 | 19.98 | 1.202 | 17.73 | 6.056 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 11:55:33 | 19.98 | 1.202 | 17.73 | 6.056 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:00:32 | 19.99 | 1.202 | 17.73 | 6.055 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:05:32 | 20.06 | 1.2 | 17.73 | 6.052 | 4.12 | 130.3 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 12:10:33 | 20.04 | 1.201 | 17.73 | 6.051 | 4.12 | 130.2 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 12:15:32 | 20.01 | 1.202 | 17.73 | 6.051 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 12:20:32 | 19.98 | 1.202 | 17.73 | 6.051 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 12:25:33 | 19.99 | 1.202 | 17.73 | 6.048 | 4.12 | 130.2 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:30:33 | 19.96 | 1.202 | 17.73 | 6.046 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:35:33 | 19.98 | 1.202 | 17.72 | 6.043 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:40:33 | 19.95 | 1.202 | 17.72 | 6.042 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 12:45:32 | 19.99 | 1.202 | 17.72 | 6.038 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:50:32 | 19.97 | 1.202 | 17.72 | 6.038 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 12:55:33 | 20.01 | 1.202 | 17.72 | 6.035 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 13:00:33 | 19.97 | 1.202 | 17.72 | 6.034 | 4.12 | 130.2 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 13:05:33 | 20.02 | 1.201 | 17.72 | 6.034 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 13:10:32 | 19.98 | 1.202 | 17.71 | 6.021 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 13:15:33 | 19.97 | 1.202 | 17.72 | 6.023 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 13:20:33 | 19.99 | 1.202 | 17.72 | 6.021 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 13:25:33 | 19.95 | 1.202 | 17.71 | 6.021 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 13:30:32 | 19.93 | 1.203 | 17.71 | 6.021 | 4.12 | 130.3 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 13:35:32 | 19.94 | 1.203 | 17.71 | 6.016 | 4.12 | 130.3 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 13:40:33 | 20.04 | 1.202 | 17.71 | 6.018 | 4.12 | 130.3 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 13:45:33 | 20.03 | 1.202 | 17.71 | 6.013 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 13:50:32 | 20.07 | 1.201 | 17.71 | 6.017 | 4.12 | 130.3 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 13:55:32 | 20.06 | 1.202 | 17.71 | 6.013 | 4.12 | 130.3 | -164 | 2.6 | 0.24 |
| 4/17/2012 | 14:00:33 | 20.01 | 1.203 | 17.71 | 6.012 | 4.12 | 130.3 | -165 | 2.6 | 0.24 |
| 4/17/2012 | 14:05:33 | 20.01 | 1.202 | 17.71 | 6.013 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 14:10:32 | 19.99 | 1.203 | 17.71 | 6.011 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 14:15:32 | 19.97 | 1.203 | 17.71 | 6.013 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:20:32 | 20 | 1.203 | 17.71 | 6.01 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:25:32 | 20.03 | 1.203 | 17.71 | 6.008 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:30:33 | 20.03 | 1.203 | 17.71 | 6.01 | 4.12 | 130.4 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 14:35:33 | 20.02 | 1.203 | 17.71 | 6.009 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:40:32 | 20.02 | 1.203 | 17.71 | 6.008 | 4.12 | 130.3 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:45:33 | 20.02 | 1.203 | 17.71 | 6.008 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:50:33 | 20 | 1.203 | 17.71 | 6.005 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 14:55:33 | 19.99 | 1.204 | 17.71 | 6.001 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:00:33 | 20 | 1.204 | 17.71 | 5.998 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 15:05:32 | 19.99 | 1.204 | 17.7 | 5.995 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:10:32 | 19.98 | 1.204 | 17.7 | 5.993 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:15:32 | 19.96 | 1.204 | 17.7 | 5.994 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:20:33 | 20 | 1.203 | 17.7 | 5.99 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 15:25:33 | 20.01 | 1.203 | 17.7 | 5.988 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 15:30:33 | 19.99 | 1.204 | 17.7 | 5.99 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:35:33 | 20.03 | 1.204 | 17.7 | 5.994 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:40:32 | 19.99 | 1.204 | 17.7 | 5.994 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 15:45:33 | 20.06 | 1.203 | 17.7 | 5.996 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:50:32 | 20.02 | 1.204 | 17.7 | 5.994 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 15:55:32 | 19.99 | 1.204 | 17.7 | 5.993 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:00:32 | 20 | 1.204 | 17.7 | 5.991 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:05:33 | 19.96 | 1.205 | 17.7 | 5.991 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 16:10:33 | 20 | 1.204 | 17.7 | 5.991 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 16:15:33 | 20 | 1.204 | 17.7 | 5.986 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 16:20:32 | 19.98 | 1.205 | 17.7 | 5.988 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 16:25:32 | 19.99 | 1.204 | 17.7 | 5.986 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:30:33 | 20.02 | 1.204 | 17.7 | 5.986 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:35:33 | 19.98 | 1.205 | 17.7 | 5.982 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:40:33 | 19.96 | 1.205 | 17.69 | 5.972 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 16:45:33 | 19.99 | 1.204 | 17.69 | 5.974 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:50:33 | 19.97 | 1.204 | 17.7 | 5.975 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 16:55:33 | 19.97 | 1.205 | 17.69 | 5.972 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 17:00:33 | 20.05 | 1.204 | 17.69 | 5.975 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 17:05:32 | 20.01 | 1.205 | 17.7 | 5.977 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 17:10:32 | 19.96 | 1.206 | 17.7 | 5.976 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 17:15:33 | 19.95 | 1.205 | 17.69 | 5.973 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 17:20:32 | 19.96 | 1.206 | 17.69 | 5.972 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 17:25:32 | 19.96 | 1.206 | 17.69 | 5.973 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 17:30:32 | 19.93 | 1.207 | 17.69 | 5.972 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 17:35:32 | 20 | 1.206 | 17.69 | 5.971 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 17:40:32 | 20.03 | 1.205 | 17.69 | 5.973 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 17:45:32 | 20.06 | 1.205 | 17.69 | 5.972 | 4.12 | 130.5 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 17:50:33 | 20.04 | 1.206 | 17.69 | 5.974 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 17:55:33 | 20.01 | 1.206 | 17.69 | 5.975 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 18:00:32 | 20.01 | 1.206 | 17.7 | 5.976 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 18:05:32 | 20.01 | 1.206 | 17.7 | 5.976 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:10:32 | 20 | 1.207 | 17.7 | 5.976 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:15:32 | 19.97 | 1.207 | 17.7 | 5.977 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:20:33 | 19.96 | 1.207 | 17.7 | 5.979 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:25:33 | 20 | 1.206 | 17.7 | 5.98 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 18:30:32 | 19.98 | 1.207 | 17.7 | 5.981 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 18:35:33 | 20.02 | 1.206 | 17.7 | 5.985 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:40:33 | 20.02 | 1.207 | 17.7 | 5.987 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:45:32 | 19.98 | 1.207 | 17.7 | 5.986 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:50:33 | 19.96 | 1.207 | 17.7 | 5.986 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 18:55:33 | 19.95 | 1.207 | 17.7 | 5.983 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 19:00:32 | 19.95 | 1.207 | 17.7 | 5.983 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 19:05:33 | 19.95 | 1.208 | 17.7 | 5.981 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 19:10:33 | 19.96 | 1.208 | 17.7 | 5.983 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 19:15:33 | 20.02 | 1.208 | 17.7 | 5.981 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 19:20:33 | 20.05 | 1.207 | 17.7 | 5.983 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 19:25:32 | 20.01 | 1.207 | 17.7 | 5.982 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 19:30:32 | 19.98 | 1.208 | 17.7 | 5.981 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 19:35:33 | 20 | 1.208 | 17.7 | 5.984 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 19:40:33 | 19.97 | 1.208 | 17.7 | 5.984 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 19:45:32 | 19.98 | 1.208 | 17.7 | 5.983 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 19:50:32 | 20.07 | 1.207 | 17.7 | 5.982 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 19:55:33 | 20.05 | 1.208 | 17.7 | 5.985 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:00:33 | 20.02 | 1.208 | 17.7 | 5.986 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:05:32 | 20.05 | 1.208 | 17.7 | 5.986 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:10:32 | 20.04 | 1.208 | 17.7 | 5.984 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:15:32 | 20 | 1.208 | 17.7 | 5.988 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 20:20:32 | 19.99 | 1.208 | 17.7 | 5.991 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:25:33 | 20.05 | 1.207 | 17.7 | 5.989 | 4.12 | 130.6 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 20:30:32 | 20.05 | 1.208 | 17.7 | 5.993 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:35:32 | 20 | 1.208 | 17.7 | 5.993 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:40:32 | 20.04 | 1.208 | 17.7 | 5.989 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:45:32 | 20.05 | 1.208 | 17.7 | 5.987 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:50:32 | 20.04 | 1.208 | 17.7 | 5.991 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 20:55:32 | 20.04 | 1.208 | 17.7 | 5.995 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:00:32 | 20.03 | 1.208 | 17.71 | 5.998 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:05:32 | 20.01 | 1.208 | 17.71 | 5.999 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:10:32 | 20.01 | 1.208 | 17.71 | 6 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:15:32 | 19.97 | 1.209 | 17.71 | 5.999 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:20:32 | 19.97 | 1.209 | 17.71 | 6.001 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 21:25:32 | 19.96 | 1.209 | 17.71 | 6.004 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 21:30:32 | 19.96 | 1.209 | 17.71 | 6.002 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 21:35:32 | 20.02 | 1.209 | 17.71 | 6 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 21:40:32 | 19.98 | 1.209 | 17.7 | 5.993 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:45:32 | 20.05 | 1.208 | 17.7 | 5.993 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 21:50:32 | 20.01 | 1.209 | 17.7 | 5.997 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 21:55:32 | 20.02 | 1.209 | 17.71 | 6.001 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 22:00:32 | 20.02 | 1.208 | 17.71 | 6.001 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 22:05:32 | 20.04 | 1.209 | 17.71 | 6.001 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 22:10:33 | 19.98 | 1.209 | 17.71 | 5.998 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 22:15:32 | 19.97 | 1.209 | 17.7 | 5.996 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 22:20:32 | 19.97 | 1.209 | 17.7 | 5.994 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 22:25:32 | 20.05 | 1.208 | 17.7 | 5.994 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 22:30:32 | 20.06 | 1.208 | 17.71 | 5.999 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 22:35:32 | 20.05 | 1.208 | 17.71 | 5.999 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 22:40:32 | 20.05 | 1.209 | 17.71 | 5.998 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 22:45:32 | 20.09 | 1.208 | 17.71 | 5.998 | 4.12 | 130.5 | -166 | 2.6 | 0.24 |
| 4/17/2012 | 22:50:32 | 20.05 | 1.208 | 17.71 | 6.001 | 4.12 | 130.6 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 22:55:32 | 20.02 | 1.208 | 17.71 | 6 | 4.12 | 130.6 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 23:00:32 | 19.99 | 1.209 | 17.71 | 6 | 4.12 | 130.6 | -167 | 2.6 | 0.24 |
| 4/17/2012 | 23:05:32 | 19.98 | 1.209 | 17.71 | 5.999 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 23:10:32 | 19.96 | 1.209 | 17.71 | 5.999 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 23:15:32 | 19.96 | 1.209 | 17.71 | 5.998 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 23:20:32 | 19.99 | 1.208 | 17.7 | 5.996 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 23:25:32 | 19.98 | 1.209 | 17.7 | 5.997 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 23:30:32 | 19.98 | 1.209 | 17.7 | 5.996 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/17/2012 | 23:35:33 | 20.07 | 1.208 | 17.7 | 5.995 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 23:40:32 | 20.01 | 1.208 | 17.7 | 5.996 | 4.12 | 130.6 | -168 | 2.6 | 0.24 |
| 4/17/2012 | 23:45:32 | 19.98 | 1.208 | 17.7 | 5.993 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 23:50:32 | 19.96 | 1.209 | 17.7 | 5.994 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/17/2012 | 23:55:32 | 20.02 | 1.208 | 17.7 | 5.995 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:00:32 | 20.05 | 1.208 | 17.7 | 5.991 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:05:32 | 20.09 | 1.207 | 17.7 | 5.993 | 4.12 | 130.6 | -167 | 2.6 | 0.24 |
| 4/18/2012 | 0:10:32 | 20.05 | 1.208 | 17.7 | 5.993 | 4.12 | 130.6 | -167 | 2.6 | 0.24 |
| 4/18/2012 | 0:15:32 | 20.02 | 1.208 | 17.7 | 5.996 | 4.12 | 130.5 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 0:20:32 | 20 | 1.208 | 17.71 | 5.998 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:25:32 | 19.97 | 1.209 | 17.7 | 5.997 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:30:33 | 19.97 | 1.208 | 17.7 | 5.996 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:35:32 | 19.98 | 1.208 | 17.7 | 5.994 | 4.12 | 130.6 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 0:40:32 | 20.03 | 1.208 | 17.7 | 5.992 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:45:32 | 19.98 | 1.209 | 17.7 | 5.989 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:50:32 | 19.98 | 1.209 | 17.7 | 5.987 | 4.12 | 130.6 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 0:55:32 | 19.96 | 1.208 | 17.7 | 5.989 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:00:32 | 19.99 | 1.208 | 17.7 | 5.982 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:05:32 | 20 | 1.208 | 17.69 | 5.974 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:10:32 | 19.98 | 1.209 | 17.69 | 5.971 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:15:32 | 19.98 | 1.209 | 17.69 | 5.969 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 1:20:32 | 19.96 | 1.208 | 17.69 | 5.969 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 1:25:32 | 19.96 | 1.208 | 17.69 | 5.965 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 1:30:32 | 19.99 | 1.208 | 17.68 | 5.95 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 1:35:32 | 20.05 | 1.208 | 17.68 | 5.949 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:40:32 | 20.02 | 1.208 | 17.68 | 5.948 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:45:32 | 20 | 1.208 | 17.68 | 5.944 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:50:32 | 20.04 | 1.208 | 17.68 | 5.94 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 1:55:32 | 19.98 | 1.209 | 17.68 | 5.938 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 2:00:32 | 19.97 | 1.208 | 17.68 | 5.933 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 2:05:32 | 20.06 | 1.207 | 17.68 | 5.931 | 4.12 | 130.5 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 2:10:32 | 20.08 | 1.206 | 17.67 | 5.928 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 2:15:32 | 20.09 | 1.207 | 17.68 | 5.931 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/18/2012 | 2:20:32 | 20.08 | 1.207 | 17.68 | 5.932 | 4.12 | 130.4 | -167 | 2.6 | 0.24 |
| 4/18/2012 | 2:25:32 | 20.05 | 1.208 | 17.67 | 5.927 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 2:30:32 | 20.04 | 1.208 | 17.67 | 5.928 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 2:35:32 | 20.02 | 1.209 | 17.68 | 5.931 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 2:40:32 | 20 | 1.208 | 17.67 | 5.927 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 2:45:32 | 20.02 | 1.209 | 17.67 | 5.925 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 2:50:32 | 20 | 1.209 | 17.67 | 5.927 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 2:55:32 | 19.99 | 1.208 | 17.67 | 5.923 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 3:00:32 | 20.04 | 1.209 | 17.67 | 5.923 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:05:32 | 20.06 | 1.208 | 17.67 | 5.919 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 3:10:32 | 20 | 1.209 | 17.67 | 5.918 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 3:15:32 | 19.99 | 1.209 | 17.67 | 5.915 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:20:32 | 20.03 | 1.209 | 17.67 | 5.922 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:25:32 | 20.01 | 1.209 | 17.67 | 5.922 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:30:32 | 20.03 | 1.208 | 17.67 | 5.92 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:35:32 | 20.01 | 1.209 | 17.67 | 5.919 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:40:32 | 19.98 | 1.209 | 17.67 | 5.915 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 3:45:32 | 19.96 | 1.21 | 17.67 | 5.914 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 3:50:32 | 19.96 | 1.209 | 17.67 | 5.915 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 3:55:32 | 19.95 | 1.21 | 17.67 | 5.915 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 4:00:32 | 20.03 | 1.209 | 17.67 | 5.916 | 4.12 | 130.4 | -171 | 2.7 | 0.24 |
| 4/18/2012 | 4:05:32 | 20.02 | 1.209 | 17.67 | 5.915 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:10:32 | 20 | 1.209 | 17.67 | 5.917 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 4:15:32 | 19.97 | 1.209 | 17.67 | 5.916 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 4:20:32 | 19.98 | 1.21 | 17.67 | 5.915 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:25:32 | 19.98 | 1.21 | 17.67 | 5.914 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:30:32 | 19.98 | 1.21 | 17.67 | 5.911 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:35:32 | 19.98 | 1.21 | 17.67 | 5.911 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:40:32 | 19.96 | 1.21 | 17.67 | 5.913 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:45:32 | 19.98 | 1.21 | 17.67 | 5.911 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 4:50:32 | 20.1 | 1.209 | 17.67 | 5.916 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 4:55:32 | 20.05 | 1.21 | 17.67 | 5.918 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 5:00:32 | 20.01 | 1.21 | 17.67 | 5.919 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 5:05:32 | 20.02 | 1.209 | 17.67 | 5.918 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 5:10:32 | 20.02 | 1.21 | 17.67 | 5.92 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 5:15:32 | 20 | 1.211 | 17.67 | 5.92 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 5:20:32 | 19.97 | 1.21 | 17.67 | 5.925 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 5:25:32 | 19.95 | 1.21 | 17.67 | 5.926 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 5:30:32 | 19.96 | 1.209 | 17.67 | 5.928 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 5:35:32 | 19.98 | 1.21 | 17.67 | 5.923 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 5:40:32 | 19.96 | 1.211 | 17.67 | 5.928 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 5:45:32 | 19.96 | 1.211 | 17.67 | 5.926 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 5:50:32 | 19.98 | 1.211 | 17.67 | 5.921 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 5:55:32 | 19.98 | 1.211 | 17.67 | 5.921 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:00:32 | 19.96 | 1.211 | 17.67 | 5.925 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:05:32 | 19.98 | 1.21 | 17.67 | 5.922 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:10:32 | 19.97 | 1.211 | 17.67 | 5.927 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:15:32 | 19.97 | 1.211 | 17.67 | 5.928 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:20:32 | 19.96 | 1.211 | 17.68 | 5.929 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:25:32 | 19.99 | 1.211 | 17.67 | 5.928 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 6:30:32 | 19.98 | 1.21 | 17.68 | 5.931 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 6:35:32 | 19.99 | 1.211 | 17.68 | 5.929 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 6:40:32 | 19.96 | 1.21 | 17.68 | 5.932 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 6:45:32 | 19.95 | 1.21 | 17.68 | 5.929 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 6:50:32 | 19.93 | 1.21 | 17.68 | 5.93 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 6:55:32 | 19.96 | 1.21 | 17.68 | 5.932 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:00:32 | 19.95 | 1.21 | 17.68 | 5.931 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 7:05:32 | 19.96 | 1.21 | 17.68 | 5.934 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 7:10:32 | 19.97 | 1.211 | 17.68 | 5.932 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 7:15:32 | 19.96 | 1.211 | 17.68 | 5.938 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 7:20:32 | 19.96 | 1.21 | 17.68 | 5.936 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 7:25:32 | 19.97 | 1.211 | 17.68 | 5.938 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:30:32 | 19.96 | 1.211 | 17.68 | 5.939 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:35:32 | 19.95 | 1.21 | 17.68 | 5.938 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:40:32 | 19.98 | 1.21 | 17.68 | 5.936 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:45:32 | 20.02 | 1.21 | 17.68 | 5.935 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:50:32 | 20.01 | 1.21 | 17.68 | 5.933 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 7:55:32 | 20.05 | 1.209 | 17.68 | 5.935 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 8:00:32 | 20.02 | 1.21 | 17.68 | 5.939 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 8:05:32 | 20.07 | 1.21 | 17.68 | 5.938 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 8:10:32 | 20.1 | 1.208 | 17.68 | 5.939 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 8:15:32 | 20.09 | 1.208 | 17.68 | 5.941 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 8:20:32 | 20.06 | 1.209 | 17.68 | 5.942 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 8:25:32 | 20.09 | 1.208 | 17.68 | 5.94 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 8:30:32 | 20.08 | 1.209 | 17.68 | 5.942 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 8:35:32 | 20.04 | 1.209 | 17.68 | 5.946 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 8:40:32 | 20.03 | 1.21 | 17.68 | 5.944 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 8:45:32 | 20.01 | 1.209 | 17.68 | 5.941 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 8:50:32 | 19.99 | 1.21 | 17.68 | 5.942 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 8:55:32 | 20.01 | 1.21 | 17.68 | 5.947 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:00:32 | 19.99 | 1.209 | 17.67 | 5.926 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:05:32 | 19.98 | 1.209 | 17.68 | 5.931 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:10:32 | 20.03 | 1.209 | 17.68 | 5.932 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:15:32 | 20 | 1.21 | 17.68 | 5.932 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:20:32 | 19.99 | 1.21 | 17.68 | 5.933 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:25:32 | 20.05 | 1.209 | 17.68 | 5.935 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 9:30:32 | 20.03 | 1.21 | 17.68 | 5.933 | 4.12 | 130.3 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 9:35:32 | 19.99 | 1.21 | 17.68 | 5.937 | 4.12 | 130.3 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:40:32 | 20 | 1.21 | 17.68 | 5.938 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 9:45:32 | 19.98 | 1.21 | 17.68 | 5.937 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 9:50:32 | 20.1 | 1.208 | 17.68 | 5.939 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 9:55:32 | 20.06 | 1.209 | 17.68 | 5.938 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 10:00:32 | 20.06 | 1.21 | 17.68 | 5.94 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 10:05:32 | 20.01 | 1.21 | 17.68 | 5.943 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 10:10:32 | 19.99 | 1.21 | 17.68 | 5.942 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:15:32 | 20.05 | 1.21 | 17.68 | 5.944 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:20:32 | 20.04 | 1.21 | 17.68 | 5.943 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:25:32 | 20.01 | 1.21 | 17.68 | 5.942 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:30:32 | 19.99 | 1.21 | 17.68 | 5.94 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:35:32 | 19.99 | 1.211 | 17.68 | 5.94 | 4.12 | 130.7 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:40:32 | 19.99 | 1.21 | 17.68 | 5.941 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 10:45:32 | 19.99 | 1.211 | 17.68 | 5.939 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 10:50:32 | 19.99 | 1.211 | 17.68 | 5.939 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 10:55:32 | 20.08 | 1.209 | 17.68 | 5.939 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 11:00:32 | 20.02 | 1.211 | 17.68 | 5.939 | 4.12 | 130.3 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 11:05:32 | 20 | 1.211 | 17.68 | 5.94 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 11:10:32 | 19.99 | 1.21 | 17.68 | 5.938 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 11:15:32 | 20.01 | 1.21 | 17.68 | 5.937 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 11:20:32 | 20.03 | 1.21 | 17.68 | 5.936 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 11:25:32 | 20.1 | 1.208 | 17.68 | 5.935 | 4.12 | 130.3 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 11:30:32 | 20.1 | 1.208 | 17.68 | 5.937 | 4.12 | 130.5 | -167 | 2.6 | 0.24 |
| 4/18/2012 | 11:35:32 | 20.08 | 1.209 | 17.68 | 5.936 | 4.12 | 130.4 | -168 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 11:40:32 | 20.04 | 1.209 | 17.68 | 5.936 | 4.12 | 130.2 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 11:45:32 | 20.1 | 1.209 | 17.68 | 5.938 | 4.12 | 130.3 | -168 | 2.6 | 0.24 |
| 4/18/2012 | 11:50:32 | 20.06 | 1.21 | 17.68 | 5.94 | 4.12 | 130.3 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 11:55:32 | 20.03 | 1.21 | 17.68 | 5.938 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 12:00:32 | 20.04 | 1.209 | 17.68 | 5.937 | 4.12 | 130.4 | -169 | 2.6 | 0.24 |
| 4/18/2012 | 12:05:32 | 20.04 | 1.21 | 17.68 | 5.936 | 4.12 | 130.3 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 12:10:32 | 20.04 | 1.21 | 17.68 | 5.938 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:15:32 | 20.05 | 1.21 | 17.68 | 5.935 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:20:32 | 20.03 | 1.21 | 17.68 | 5.933 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:25:32 | 20.01 | 1.211 | 17.68 | 5.929 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:30:32 | 20.02 | 1.21 | 17.67 | 5.925 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:35:32 | 20.06 | 1.21 | 17.67 | 5.924 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:40:32 | 20.05 | 1.21 | 17.67 | 5.922 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 12:45:32 | 20 | 1.21 | 17.67 | 5.92 | 4.12 | 130.4 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 12:50:32 | 19.99 | 1.21 | 17.67 | 5.921 | 4.12 | 130.5 | -170 | 2.6 | 0.24 |
| 4/18/2012 | 12:55:32 | 19.97 | 1.21 | 17.67 | 5.916 | 4.12 | 130.6 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 13:00:32 | 20 | 1.21 | 17.67 | 5.913 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:05:32 | 19.99 | 1.21 | 17.67 | 5.91 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:10:32 | 19.97 | 1.21 | 17.67 | 5.909 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:15:32 | 19.98 | 1.21 | 17.67 | 5.905 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:20:32 | 19.99 | 1.21 | 17.66 | 5.896 | 4.12 | 130.4 | -171 | 2.6 | 0.24 |
| 4/18/2012 | 13:25:32 | 19.98 | 1.21 | 17.66 | 5.894 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:30:32 | 19.97 | 1.21 | 17.66 | 5.894 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:35:32 | 19.98 | 1.21 | 17.66 | 5.894 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:40:32 | 20.02 | 1.21 | 17.66 | 5.893 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:45:32 | 19.98 | 1.21 | 17.66 | 5.893 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:50:32 | 19.97 | 1.21 | 17.66 | 5.894 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 13:55:32 | 19.97 | 1.21 | 17.66 | 5.885 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 14:00:32 | 19.98 | 1.211 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 14:05:32 | 19.98 | 1.21 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 14:10:32 | 19.98 | 1.211 | 17.66 | 5.886 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:15:32 | 19.98 | 1.211 | 17.66 | 5.886 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:20:32 | 20.03 | 1.21 | 17.66 | 5.886 | 4.12 | 130.2 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 14:25:32 | 20.03 | 1.21 | 17.66 | 5.886 | 4.12 | 130.3 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 14:30:32 | 20.03 | 1.211 | 17.66 | 5.884 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:35:32 | 20 | 1.211 | 17.66 | 5.883 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:40:32 | 20 | 1.21 | 17.65 | 5.88 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:45:32 | 19.97 | 1.211 | 17.66 | 5.886 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:50:32 | 19.97 | 1.21 | 17.65 | 5.881 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 14:55:32 | 19.96 | 1.208 | 17.65 | 5.878 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 15:00:32 | 19.97 | 1.21 | 17.65 | 5.875 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 15:05:32 | 19.97 | 1.211 | 17.65 | 5.875 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 15:10:32 | 20.01 | 1.21 | 17.65 | 5.869 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 15:15:32 | 19.97 | 1.211 | 17.65 | 5.87 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 15:20:32 | 19.97 | 1.211 | 17.65 | 5.867 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 15:25:32 | 19.96 | 1.211 | 17.65 | 5.868 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 15:30:32 | 19.97 | 1.211 | 17.65 | 5.869 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 15:35:32 | 19.95 | 1.211 | 17.65 | 5.866 | 4.12 | 130.4 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 15:40:32 | 19.96 | 1.211 | 17.65 | 5.865 | 4.12 | 130.4 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 15:45:32 | 20.08 | 1.21 | 17.65 | 5.86 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 15:50:32 | 20.1 | 1.21 | 17.65 | 5.859 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 15:55:32 | 20.05 | 1.21 | 17.64 | 5.857 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 16:00:32 | 20.05 | 1.211 | 17.64 | 5.857 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 16:05:32 | 20.05 | 1.212 | 17.64 | 5.854 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:10:32 | 20.02 | 1.211 | 17.64 | 5.858 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 16:15:32 | 20 | 1.211 | 17.64 | 5.85 | 4.12 | 130.4 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 16:20:32 | 20.01 | 1.211 | 17.64 | 5.849 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:25:32 | 20.04 | 1.212 | 17.64 | 5.853 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:30:32 | 20 | 1.211 | 17.64 | 5.852 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:35:32 | 20.04 | 1.211 | 17.64 | 5.852 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:40:32 | 19.99 | 1.212 | 17.64 | 5.853 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:45:32 | 19.99 | 1.212 | 17.64 | 5.853 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 16:50:32 | 19.97 | 1.212 | 17.64 | 5.853 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 16:55:32 | 19.99 | 1.211 | 17.64 | 5.853 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 17:00:32 | 19.97 | 1.212 | 17.64 | 5.855 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 17:05:32 | 20 | 1.212 | 17.64 | 5.856 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 17:10:32 | 20 | 1.212 | 17.64 | 5.855 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 17:15:32 | 19.99 | 1.212 | 17.64 | 5.858 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 17:20:32 | 20.06 | 1.211 | 17.65 | 5.861 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 17:25:32 | 20.02 | 1.212 | 17.65 | 5.864 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 17:30:32 | 20.02 | 1.212 | 17.65 | 5.864 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 17:35:32 | 20.02 | 1.212 | 17.65 | 5.864 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 17:40:32 | 19.99 | 1.213 | 17.65 | 5.867 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 17:45:32 | 20.03 | 1.212 | 17.65 | 5.864 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 17:50:32 | 20.06 | 1.211 | 17.65 | 5.866 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 17:55:32 | 20.03 | 1.212 | 17.65 | 5.87 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 18:00:32 | 20.02 | 1.212 | 17.65 | 5.864 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:05:32 | 20.05 | 1.212 | 17.65 | 5.864 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:10:32 | 20.01 | 1.213 | 17.65 | 5.868 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:15:32 | 20.03 | 1.212 | 17.65 | 5.867 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 18:20:32 | 20 | 1.213 | 17.65 | 5.871 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 18:25:32 | 20 | 1.213 | 17.65 | 5.869 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:30:32 | 19.99 | 1.212 | 17.65 | 5.869 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:35:32 | 19.98 | 1.213 | 17.65 | 5.874 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:40:32 | 19.96 | 1.212 | 17.65 | 5.873 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:45:32 | 19.97 | 1.213 | 17.65 | 5.873 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:50:32 | 20 | 1.213 | 17.65 | 5.874 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 18:55:32 | 20.07 | 1.212 | 17.65 | 5.873 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:00:32 | 20.03 | 1.213 | 17.65 | 5.877 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:05:32 | 20 | 1.212 | 17.65 | 5.877 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 19:10:32 | 20.02 | 1.212 | 17.65 | 5.867 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:15:32 | 20.01 | 1.213 | 17.65 | 5.869 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:20:32 | 20.05 | 1.212 | 17.65 | 5.871 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 19:25:32 | 20.04 | 1.212 | 17.65 | 5.873 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:30:32 | 20.04 | 1.212 | 17.65 | 5.872 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:35:32 | 20.01 | 1.213 | 17.65 | 5.875 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:40:32 | 19.98 | 1.213 | 17.65 | 5.879 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 19:45:32 | 20.11 | 1.211 | 17.65 | 5.877 | 4.12 | 130.6 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 19:50:32 | 20.08 | 1.212 | 17.65 | 5.879 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 19:55:32 | 20.04 | 1.212 | 17.65 | 5.88 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 20:00:32 | 20.03 | 1.212 | 17.66 | 5.883 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 20:05:32 | 20.08 | 1.212 | 17.65 | 5.881 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 20:10:32 | 20.06 | 1.212 | 17.66 | 5.885 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 20:15:32 | 20.12 | 1.211 | 17.65 | 5.881 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 20:20:32 | 20.11 | 1.211 | 17.66 | 5.886 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 20:25:32 | 20.07 | 1.212 | 17.65 | 5.882 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 20:30:32 | 20.04 | 1.213 | 17.65 | 5.881 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 20:35:32 | 20.02 | 1.213 | 17.66 | 5.884 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 20:40:32 | 20.02 | 1.213 | 17.66 | 5.884 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 20:45:32 | 20 | 1.213 | 17.66 | 5.886 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 20:50:32 | 19.99 | 1.213 | 17.66 | 5.888 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 20:55:32 | 20 | 1.213 | 17.66 | 5.888 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:00:32 | 20.01 | 1.213 | 17.66 | 5.887 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:05:32 | 19.98 | 1.213 | 17.66 | 5.889 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:10:32 | 20.03 | 1.212 | 17.66 | 5.884 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:15:32 | 19.99 | 1.213 | 17.66 | 5.888 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:20:32 | 20 | 1.213 | 17.66 | 5.891 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:25:32 | 20.08 | 1.212 | 17.66 | 5.891 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/18/2012 | 21:30:32 | 20.03 | 1.214 | 17.66 | 5.893 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 21:35:32 | 20.05 | 1.213 | 17.66 | 5.894 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 21:40:32 | 20.07 | 1.212 | 17.66 | 5.893 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 21:45:32 | 20.07 | 1.213 | 17.66 | 5.892 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 21:50:32 | 20.13 | 1.212 | 17.66 | 5.892 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 21:55:32 | 20.08 | 1.212 | 17.66 | 5.89 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:00:32 | 20.04 | 1.212 | 17.66 | 5.893 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:05:32 | 20.03 | 1.213 | 17.66 | 5.892 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 22:10:32 | 20.11 | 1.212 | 17.66 | 5.898 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 22:15:32 | 20.08 | 1.213 | 17.66 | 5.894 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:20:32 | 20.1 | 1.212 | 17.66 | 5.891 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:25:32 | 20.07 | 1.213 | 17.66 | 5.891 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:30:32 | 20.09 | 1.213 | 17.66 | 5.893 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:35:32 | 20.04 | 1.213 | 17.66 | 5.895 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |
| 4/18/2012 | 22:40:32 | 20.01 | 1.213 | 17.66 | 5.895 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 22:45:32 | 20.01 | 1.213 | 17.66 | 5.891 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 22:50:32 | 20.02 | 1.213 | 17.66 | 5.893 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 22:55:32 | 20.08 | 1.212 | 17.66 | 5.894 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 23:00:32 | 20.07 | 1.213 | 17.66 | 5.894 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 23:05:32 | 20.04 | 1.213 | 17.66 | 5.893 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 23:10:32 | 20.1 | 1.213 | 17.66 | 5.893 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 23:15:32 | 20.08 | 1.213 | 17.66 | 5.893 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 23:20:32 | 20.05 | 1.213 | 17.66 | 5.893 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 23:25:32 | 20.03 | 1.213 | 17.66 | 5.892 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/18/2012 | 23:30:32 | 20 | 1.214 | 17.66 | 5.893 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 23:35:32 | 20 | 1.214 | 17.66 | 5.892 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 23:40:32 | 20 | 1.213 | 17.66 | 5.893 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 23:45:32 | 20.06 | 1.213 | 17.66 | 5.894 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 23:50:32 | 20.02 | 1.214 | 17.66 | 5.897 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/18/2012 | 23:55:32 | 20.01 | 1.213 | 17.66 | 5.894 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:00:32 | 20.09 | 1.213 | 17.66 | 5.894 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:05:32 | 20.05 | 1.214 | 17.66 | 5.896 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 0:10:32 | 20.08 | 1.213 | 17.66 | 5.896 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 0:15:32 | 20.05 | 1.213 | 17.66 | 5.892 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 0:20:32 | 20.01 | 1.213 | 17.66 | 5.891 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 0:25:32 | 20.01 | 1.213 | 17.66 | 5.894 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:30:32 | 20.03 | 1.213 | 17.66 | 5.892 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:35:32 | 20 | 1.214 | 17.66 | 5.888 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:40:32 | 19.99 | 1.213 | 17.66 | 5.889 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:45:32 | 20.05 | 1.212 | 17.66 | 5.89 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:50:32 | 20.09 | 1.213 | 17.66 | 5.887 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 0:55:32 | 20.05 | 1.213 | 17.66 | 5.885 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:00:32 | 20.03 | 1.213 | 17.66 | 5.885 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:05:32 | 20 | 1.213 | 17.66 | 5.882 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:10:32 | 19.99 | 1.213 | 17.65 | 5.879 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:15:32 | 19.99 | 1.213 | 17.65 | 5.877 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:20:32 | 20.06 | 1.213 | 17.65 | 5.877 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 1:25:32 | 20.03 | 1.213 | 17.65 | 5.875 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:30:32 | 20.01 | 1.213 | 17.65 | 5.875 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:35:32 | 20.06 | 1.213 | 17.65 | 5.873 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:40:32 | 20.03 | 1.213 | 17.65 | 5.872 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:45:32 | 20 | 1.213 | 17.65 | 5.872 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:50:32 | 20 | 1.213 | 17.65 | 5.869 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 1:55:32 | 19.99 | 1.213 | 17.65 | 5.868 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:00:32 | 20.01 | 1.213 | 17.65 | 5.864 | 4.12 | 130.4 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 2:05:32 | 20.01 | 1.213 | 17.65 | 5.859 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:10:32 | 20.01 | 1.214 | 17.64 | 5.857 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:15:32 | 20.01 | 1.214 | 17.64 | 5.853 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:20:32 | 20 | 1.213 | 17.64 | 5.855 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:25:32 | 19.99 | 1.214 | 17.64 | 5.854 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:30:32 | 20.03 | 1.214 | 17.64 | 5.853 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:35:32 | 20 | 1.214 | 17.64 | 5.851 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 2:40:32 | 20.08 | 1.212 | 17.64 | 5.852 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 2:45:32 | 20.03 | 1.213 | 17.64 | 5.846 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 2:50:32 | 20.02 | 1.214 | 17.64 | 5.849 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 2:55:32 | 20.03 | 1.214 | 17.64 | 5.846 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:00:32 | 20.02 | 1.214 | 17.64 | 5.846 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:05:32 | 20 | 1.214 | 17.64 | 5.845 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:10:32 | 19.99 | 1.213 | 17.64 | 5.846 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:15:32 | 20.04 | 1.213 | 17.64 | 5.847 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 3:20:32 | 20.15 | 1.211 | 17.64 | 5.849 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 3:25:32 | 20.1 | 1.213 | 17.64 | 5.854 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 3:30:32 | 20.07 | 1.213 | 17.64 | 5.851 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 3:35:32 | 20.08 | 1.213 | 17.64 | 5.85 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:40:32 | 20.07 | 1.212 | 17.64 | 5.85 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:45:32 | 20.06 | 1.214 | 17.64 | 5.848 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:50:32 | 20.11 | 1.213 | 17.64 | 5.849 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 3:55:32 | 20.05 | 1.214 | 17.64 | 5.85 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:00:32 | 20.04 | 1.214 | 17.64 | 5.848 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 4:05:32 | 20.02 | 1.214 | 17.64 | 5.844 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 4:10:32 | 20.01 | 1.214 | 17.64 | 5.84 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:15:32 | 20.02 | 1.214 | 17.64 | 5.838 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:20:32 | 20.03 | 1.214 | 17.63 | 5.835 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:25:32 | 20.05 | 1.214 | 17.64 | 5.839 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 4:30:32 | 20.03 | 1.214 | 17.64 | 5.84 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:35:32 | 20.05 | 1.214 | 17.63 | 5.835 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:40:32 | 20.01 | 1.214 | 17.63 | 5.835 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:45:32 | 20.01 | 1.214 | 17.64 | 5.838 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 4:50:32 | 20.06 | 1.214 | 17.64 | 5.836 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 4:55:32 | 20.03 | 1.215 | 17.64 | 5.836 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 5:00:32 | 20.03 | 1.215 | 17.64 | 5.839 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 5:05:32 | 20.07 | 1.214 | 17.63 | 5.835 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 5:10:32 | 20.04 | 1.214 | 17.64 | 5.838 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 5:15:32 | 20.04 | 1.214 | 17.64 | 5.837 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 5:20:32 | 20.06 | 1.214 | 17.63 | 5.834 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 5:25:32 | 20.11 | 1.214 | 17.64 | 5.837 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 5:30:32 | 20.06 | 1.214 | 17.64 | 5.837 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 5:35:32 | 20.09 | 1.214 | 17.64 | 5.838 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 5:40:32 | 20.08 | 1.214 | 17.63 | 5.836 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 5:45:32 | 20.07 | 1.214 | 17.63 | 5.831 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 5:50:32 | 20.04 | 1.215 | 17.63 | 5.833 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 5:55:32 | 20.03 | 1.215 | 17.63 | 5.833 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 6:00:32 | 20.09 | 1.214 | 17.64 | 5.837 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 6:05:32 | 20.1 | 1.214 | 17.64 | 5.838 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 6:10:32 | 20.13 | 1.214 | 17.64 | 5.839 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 6:15:32 | 20.07 | 1.214 | 17.64 | 5.841 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 6:20:32 | 20.08 | 1.214 | 17.64 | 5.841 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 6:25:32 | 20.03 | 1.215 | 17.64 | 5.844 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 6:30:32 | 20.02 | 1.215 | 17.64 | 5.848 | 4.12 | 130.6 | -172 | 2.6 | 0.24 |
| 4/19/2012 | 6:35:32 | 20.02 | 1.215 | 17.64 | 5.849 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 6:40:32 | 20.04 | 1.214 | 17.64 | 5.851 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 6:45:32 | 20.02 | 1.214 | 17.64 | 5.85 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 6:50:32 | 20.07 | 1.215 | 17.64 | 5.849 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 6:55:32 | 20.06 | 1.214 | 17.64 | 5.851 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:00:32 | 20.08 | 1.215 | 17.64 | 5.845 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 7:05:32 | 20.06 | 1.215 | 17.64 | 5.849 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 7:10:32 | 20.04 | 1.215 | 17.64 | 5.852 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:15:32 | 20.04 | 1.215 | 17.64 | 5.853 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:20:32 | 20.03 | 1.216 | 17.64 | 5.858 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:25:32 | 20.02 | 1.215 | 17.65 | 5.86 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:30:32 | 20 | 1.215 | 17.65 | 5.863 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:35:32 | 20.01 | 1.215 | 17.65 | 5.871 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 7:40:32 | 20.05 | 1.216 | 17.65 | 5.868 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:45:32 | 20.07 | 1.216 | 17.65 | 5.87 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:50:32 | 20.04 | 1.216 | 17.65 | 5.871 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 7:55:32 | 20.01 | 1.216 | 17.65 | 5.875 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:00:32 | 20.01 | 1.215 | 17.65 | 5.873 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:05:32 | 20.02 | 1.216 | 17.65 | 5.875 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:10:32 | 20.06 | 1.214 | 17.65 | 5.873 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 8:15:32 | 20.03 | 1.216 | 17.65 | 5.872 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:20:32 | 20.05 | 1.216 | 17.65 | 5.873 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:25:32 | 20.02 | 1.215 | 17.65 | 5.873 | 4.12 | 130.6 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 8:30:32 | 20 | 1.215 | 17.65 | 5.871 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:35:32 | 20.01 | 1.215 | 17.65 | 5.873 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:40:32 | 20.02 | 1.215 | 17.65 | 5.873 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:45:32 | 20.02 | 1.215 | 17.65 | 5.874 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:50:32 | 20 | 1.215 | 17.65 | 5.873 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 8:55:32 | 20.05 | 1.214 | 17.65 | 5.875 | 4.12 | 130.6 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:00:32 | 20.05 | 1.215 | 17.65 | 5.877 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:05:32 | 20.02 | 1.215 | 17.65 | 5.879 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:10:32 | 20.03 | 1.214 | 17.65 | 5.877 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 9:15:32 | 20.08 | 1.214 | 17.65 | 5.879 | 4.12 | 130.6 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 9:20:32 | 20.09 | 1.214 | 17.65 | 5.879 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:25:32 | 20.03 | 1.215 | 17.65 | 5.874 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:30:32 | 20.09 | 1.214 | 17.65 | 5.875 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:35:32 | 20.05 | 1.215 | 17.65 | 5.872 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:40:32 | 20.02 | 1.215 | 17.65 | 5.875 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:45:32 | 20.01 | 1.215 | 17.65 | 5.88 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:50:32 | 20.09 | 1.214 | 17.65 | 5.878 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 9:55:32 | 20.08 | 1.214 | 17.65 | 5.88 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 10:00:32 | 20.08 | 1.215 | 17.66 | 5.882 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 10:05:32 | 20.06 | 1.214 | 17.65 | 5.882 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 10:10:32 | 20.03 | 1.215 | 17.66 | 5.882 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 10:15:32 | 20.14 | 1.212 | 17.66 | 5.883 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 10:20:32 | 20.14 | 1.212 | 17.66 | 5.884 | 4.12 | 130.6 | -171 | 2.6 | 0.23 |
| 4/19/2012 | 10:25:32 | 20.13 | 1.213 | 17.66 | 5.886 | 4.12 | 130.5 | -171 | 2.6 | 0.24 |
| 4/19/2012 | 10:30:32 | 20.1 | 1.213 | 17.66 | 5.883 | 4.12 | 130.5 | -172 | 2.6 | 0.24 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 10:35:32 | 20.08 | 1.214 | 17.66 | 5.885 | 4.12 | 130.5 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 10:40:32 | 20.04 | 1.214 | 17.66 | 5.884 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 10:45:32 | 20.12 | 1.213 | 17.66 | 5.884 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 10:50:32 | 20.1 | 1.213 | 17.65 | 5.882 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 10:55:32 | 20.12 | 1.213 | 17.66 | 5.884 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 11:00:32 | 20.07 | 1.214 | 17.66 | 5.885 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 11:05:32 | 20.09 | 1.213 | 17.66 | 5.884 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 11:10:32 | 20.12 | 1.213 | 17.66 | 5.887 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 11:15:32 | 20.07 | 1.214 | 17.66 | 5.886 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 11:20:32 | 20.09 | 1.214 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:25:32 | 20.07 | 1.214 | 17.66 | 5.888 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:30:32 | 20.09 | 1.214 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:35:32 | 20.11 | 1.213 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:40:32 | 20.12 | 1.213 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:45:32 | 20.08 | 1.214 | 17.66 | 5.887 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:50:32 | 20.11 | 1.213 | 17.66 | 5.886 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 11:55:32 | 20.06 | 1.214 | 17.66 | 5.889 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 12:00:32 | 20.04 | 1.213 | 17.66 | 5.888 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 12:05:32 | 20.03 | 1.214 | 17.66 | 5.887 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:10:32 | 20.01 | 1.214 | 17.66 | 5.885 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:15:32 | 20.02 | 1.214 | 17.66 | 5.884 | 4.12 | 130.5 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 12:20:32 | 20.05 | 1.213 | 17.65 | 5.878 | 4.12 | 130.4 | -175 | 2.6 | 0.24 |
| 4/19/2012 | 12:25:32 | 20.04 | 1.214 | 17.65 | 5.877 | 4.12 | 130.5 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:30:32 | 20.03 | 1.214 | 17.65 | 5.868 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |
| 4/19/2012 | 12:35:32 | 20.06 | 1.212 | 17.65 | 5.865 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:40:32 | 20.1 | 1.212 | 17.65 | 5.864 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:45:32 | 20.08 | 1.213 | 17.65 | 5.865 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:50:32 | 20.11 | 1.212 | 17.65 | 5.862 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 12:55:32 | 20.09 | 1.213 | 17.65 | 5.86 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 13:00:32 | 20.06 | 1.214 | 17.65 | 5.863 | 4.12 | 130.4 | -174 | 2.6 | 0.24 |
| 4/19/2012 | 13:05:32 | 20.13 | 1.213 | 17.65 | 5.86 | 4.12 | 130.4 | -173 | 2.6 | 0.23 |
| 4/19/2012 | 13:10:32 | 20.11 | 1.213 | 17.65 | 5.859 | 4.12 | 130.4 | -173 | 2.6 | 0.24 |

VOPAK-8-MW-32

| Date | Time | Temp | SpCond | PressureA | Depth | pH | pHmV | ORP | ODO% | ODO Conc |
|---|---|---|---|---|---|---|---|---|---|---|
| M/D/Y | hh:mm:ss | C | mS/cm | psia | ft | | mV | mV | % | mg/L |
| 4/12/2012 | 13:55:33 | 23.46 | 0.006 | 14.83 | 1.571 | 6.8 | -20.5 | 112 | 90.4 | 7.69 |
| 4/12/2012 | 14:00:33 | 23.32 | 0.006 | 14.84 | 1.582 | 6.78 | -19.6 | 104 | 90.5 | 7.72 |
| 4/12/2012 | 14:05:33 | 23.36 | 0.006 | 14.84 | 1.581 | 6.77 | -19.2 | 113 | 90.7 | 7.73 |
| 4/12/2012 | 14:10:33 | 23.45 | 0.006 | 14.84 | 1.575 | 6.79 | -20.3 | 117 | 90.9 | 7.73 |
| 4/12/2012 | 14:15:33 | 23.55 | 0.006 | 14.83 | 1.575 | 6.82 | -21.7 | 118 | 91.1 | 7.74 |
| 4/12/2012 | 14:20:33 | 23.66 | 0.006 | 14.83 | 1.575 | 6.84 | -22.9 | 119 | 91.3 | 7.73 |
| 4/12/2012 | 14:25:33 | 23.77 | 0.006 | 14.84 | 1.598 | 6.86 | -23.8 | 119 | 91.4 | 7.73 |
| 4/12/2012 | 14:30:33 | 23.87 | 0.006 | 14.83 | 1.571 | 6.87 | -24.4 | 120 | 91.5 | 7.72 |
| 4/12/2012 | 14:35:33 | 23.96 | 0.006 | 14.83 | 1.567 | 6.87 | -24.7 | 121 | 91.6 | 7.72 |
| 4/12/2012 | 14:40:33 | 24.03 | 0.006 | 14.83 | 1.57 | 6.87 | -24.7 | 122 | 91.7 | 7.71 |
| 4/12/2012 | 14:45:33 | 24.09 | 0.006 | 14.83 | 1.565 | 6.87 | -24.6 | 122 | 91.7 | 7.71 |
| 4/12/2012 | 14:50:33 | 24.05 | 0.005 | 14.83 | 1.554 | 6.85 | -23.6 | 119 | 91.7 | 7.72 |
| 4/12/2012 | 14:55:33 | 23.89 | 0.005 | 14.83 | 1.557 | 6.8 | -20.9 | 121 | 91.7 | 7.74 |
| 4/12/2012 | 15:00:33 | 23.89 | 0.005 | 14.83 | 1.556 | 6.78 | -19.3 | 122 | 91.7 | 7.73 |
| 4/12/2012 | 15:05:33 | 24.02 | 0.005 | 14.83 | 1.555 | 6.77 | -19.1 | 121 | 91.7 | 7.71 |
| 4/12/2012 | 15:10:33 | 24.23 | 0.005 | 14.83 | 1.552 | 6.79 | -20.1 | 120 | 91.7 | 7.69 |
| 4/12/2012 | 15:15:33 | 24.49 | 0.005 | 14.82 | 1.548 | 6.83 | -22.3 | 118 | 91.9 | 7.67 |
| 4/12/2012 | 15:20:33 | 24.81 | 0.005 | 14.82 | 1.546 | 6.87 | -24.6 | 116 | 92.2 | 7.65 |
| 4/12/2012 | 15:25:33 | 25.15 | 0.005 | 14.82 | 1.544 | 6.91 | -27 | 114 | 92.6 | 7.63 |
| 4/12/2012 | 15:30:33 | 25.55 | 0.005 | 14.82 | 1.531 | 6.96 | -29.5 | 113 | 92.9 | 7.6 |
| 4/12/2012 | 15:35:33 | 25.95 | 0.005 | 14.82 | 1.548 | 7 | -31.9 | 112 | 93.2 | 7.57 |
| 4/12/2012 | 15:40:33 | 26.11 | 0.005 | 14.81 | 1.521 | 7.03 | -33.4 | 113 | 93.3 | 7.56 |
| 4/12/2012 | 15:45:33 | 26.01 | 0.005 | 14.81 | 1.529 | 7.03 | -33.8 | 116 | 93.6 | 7.59 |
| 4/12/2012 | 15:50:33 | 21.99 | 0.003 | 14.82 | 1.539 | 5.89 | 30.4 | 152 | 102.8 | 8.99 |
| 4/12/2012 | 15:55:33 | 21.46 | 1.223 | 17.94 | 8.763 | 5.15 | 72.3 | -21 | 20.6 | 1.82 |
| 4/12/2012 | 16:00:32 | 21.68 | 1.258 | 17.79 | 8.413 | 4.54 | 106.5 | -23 | 10.8 | 0.95 |
| 4/12/2012 | 16:05:32 | 21.62 | 1.267 | 17.76 | 8.333 | 4.54 | 106.6 | -52 | 8.7 | 0.76 |
| 4/12/2012 | 16:10:32 | 21.57 | 1.266 | 17.74 | 8.3 | 4.55 | 106.3 | -77 | 7.7 | 0.68 |
| 4/12/2012 | 16:15:33 | 21.53 | 1.266 | 17.74 | 8.287 | 4.55 | 106 | -93 | 7 | 0.61 |
| 4/12/2012 | 16:20:32 | 21.48 | 1.265 | 17.73 | 8.277 | 4.55 | 105.7 | -110 | 6.3 | 0.55 |
| 4/12/2012 | 16:25:33 | 21.45 | 1.264 | 17.73 | 8.273 | 4.56 | 105.6 | -115 | 5.4 | 0.47 |
| 4/12/2012 | 16:30:33 | 21.42 | 1.261 | 17.73 | 8.274 | 4.56 | 105.3 | -122 | 4.9 | 0.43 |
| 4/12/2012 | 16:35:33 | 21.4 | 1.258 | 17.73 | 8.274 | 4.57 | 104.9 | -123 | 4.7 | 0.41 |
| 4/12/2012 | 16:40:33 | 21.37 | 1.256 | 17.73 | 8.273 | 4.57 | 104.6 | -124 | 4.4 | 0.39 |
| 4/12/2012 | 16:45:33 | 21.35 | 1.254 | 17.73 | 8.274 | 4.57 | 104.6 | -122 | 4.2 | 0.37 |
| 4/12/2012 | 16:50:33 | 21.34 | 1.252 | 17.73 | 8.275 | 4.58 | 104.3 | -121 | 4.3 | 0.38 |
| 4/12/2012 | 16:55:33 | 21.32 | 1.25 | 17.73 | 8.276 | 4.58 | 104.4 | -123 | 4.2 | 0.37 |
| 4/12/2012 | 17:00:33 | 21.31 | 1.249 | 17.73 | 8.276 | 4.58 | 104.3 | -126 | 4.1 | 0.36 |
| 4/12/2012 | 17:05:33 | 21.3 | 1.248 | 17.73 | 8.275 | 4.58 | 104.3 | -123 | 3.8 | 0.33 |
| 4/12/2012 | 17:10:33 | 21.29 | 1.246 | 17.73 | 8.276 | 4.58 | 104.4 | -125 | 3.7 | 0.33 |
| 4/12/2012 | 17:15:33 | 21.28 | 1.245 | 17.73 | 8.274 | 4.58 | 104.3 | -128 | 3.7 | 0.32 |
| 4/12/2012 | 17:20:33 | 21.28 | 1.244 | 17.73 | 8.275 | 4.58 | 104.2 | -128 | 3.6 | 0.32 |
| 4/12/2012 | 17:25:33 | 21.27 | 1.243 | 17.73 | 8.275 | 4.58 | 104.3 | -129 | 3.6 | 0.31 |
| 4/12/2012 | 17:30:32 | 21.27 | 1.242 | 17.73 | 8.272 | 4.58 | 104.3 | -130 | 3.6 | 0.31 |
| 4/12/2012 | 17:35:33 | 21.26 | 1.242 | 17.73 | 8.269 | 4.58 | 104.3 | -131 | 3.5 | 0.31 |
| 4/12/2012 | 17:40:33 | 21.26 | 1.241 | 17.73 | 8.268 | 4.58 | 104.2 | -132 | 3.5 | 0.31 |
| 4/12/2012 | 17:45:33 | 21.25 | 1.24 | 17.73 | 8.268 | 4.58 | 104.1 | -133 | 3.5 | 0.31 |
| 4/12/2012 | 17:50:33 | 21.25 | 1.239 | 17.73 | 8.264 | 4.58 | 104 | -132 | 3.5 | 0.31 |
| 4/12/2012 | 17:55:33 | 21.25 | 1.239 | 17.73 | 8.263 | 4.59 | 103.8 | -131 | 3.5 | 0.31 |
| 4/12/2012 | 18:00:33 | 21.24 | 1.238 | 17.72 | 8.259 | 4.59 | 103.7 | -130 | 3.4 | 0.3 |
| 4/12/2012 | 18:05:33 | 21.24 | 1.237 | 17.72 | 8.257 | 4.59 | 103.6 | -129 | 3.4 | 0.3 |
| 4/12/2012 | 18:10:33 | 21.24 | 1.236 | 17.72 | 8.255 | 4.59 | 103.3 | -126 | 3.4 | 0.3 |
| 4/12/2012 | 18:15:33 | 21.24 | 1.236 | 17.72 | 8.251 | 4.6 | 103.1 | -128 | 3.4 | 0.3 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 18:20:33 | 21.24 | 1.236 | 17.72 | 8.247 | 4.6 | 103 | -129 | 3.4 | 0.3 |
| 4/12/2012 | 18:25:33 | 21.24 | 1.235 | 17.72 | 8.246 | 4.6 | 102.8 | -128 | 3.4 | 0.3 |
| 4/12/2012 | 18:30:33 | 21.23 | 1.235 | 17.71 | 8.237 | 4.61 | 102.7 | -124 | 3.4 | 0.3 |
| 4/12/2012 | 18:35:33 | 21.23 | 1.234 | 17.71 | 8.233 | 4.61 | 102.6 | -127 | 3.4 | 0.3 |
| 4/12/2012 | 18:40:33 | 21.23 | 1.234 | 17.71 | 8.226 | 4.61 | 102.5 | -127 | 3.4 | 0.3 |
| 4/12/2012 | 18:45:33 | 21.23 | 1.233 | 17.71 | 8.219 | 4.61 | 102.4 | -130 | 3.4 | 0.3 |
| 4/12/2012 | 18:50:33 | 21.23 | 1.232 | 17.71 | 8.217 | 4.61 | 102.4 | -134 | 3.4 | 0.3 |
| 4/12/2012 | 18:55:33 | 21.23 | 1.232 | 17.7 | 8.213 | 4.61 | 102.4 | -136 | 3.4 | 0.3 |
| 4/12/2012 | 19:00:33 | 21.23 | 1.231 | 17.7 | 8.208 | 4.61 | 102.4 | -138 | 3.4 | 0.3 |
| 4/12/2012 | 19:05:33 | 21.22 | 1.23 | 17.7 | 8.207 | 4.61 | 102.4 | -138 | 3.4 | 0.3 |
| 4/12/2012 | 19:10:33 | 21.22 | 1.228 | 17.7 | 8.203 | 4.61 | 102.2 | -110 | 3.4 | 0.3 |
| 4/12/2012 | 19:15:33 | 21.22 | 1.227 | 17.7 | 8.199 | 4.61 | 102.2 | -122 | 3.4 | 0.3 |
| 4/12/2012 | 19:20:33 | 21.22 | 1.226 | 17.7 | 8.198 | 4.62 | 102.1 | -125 | 3.4 | 0.3 |
| 4/12/2012 | 19:25:33 | 21.22 | 1.224 | 17.7 | 8.193 | 4.62 | 102.1 | -116 | 3.4 | 0.3 |
| 4/12/2012 | 19:30:32 | 21.22 | 1.221 | 17.69 | 8.19 | 4.62 | 102 | -110 | 3.4 | 0.3 |
| 4/12/2012 | 19:35:32 | 21.22 | 1.22 | 17.69 | 8.187 | 4.62 | 101.7 | -106 | 3.4 | 0.3 |
| 4/12/2012 | 19:40:33 | 21.22 | 1.218 | 17.69 | 8.177 | 4.63 | 101.6 | -107 | 3.4 | 0.3 |
| 4/12/2012 | 19:45:33 | 21.22 | 1.217 | 17.69 | 8.173 | 4.63 | 101.5 | -104 | 3.4 | 0.3 |
| 4/12/2012 | 19:50:33 | 21.22 | 1.215 | 17.69 | 8.171 | 4.63 | 101.4 | -99 | 3.3 | 0.29 |
| 4/12/2012 | 19:55:33 | 21.22 | 1.214 | 17.68 | 8.166 | 4.63 | 101.1 | -96 | 3.3 | 0.29 |
| 4/12/2012 | 20:00:33 | 21.22 | 1.212 | 17.68 | 8.163 | 4.64 | 101 | -93 | 3.3 | 0.29 |
| 4/12/2012 | 20:05:33 | 21.22 | 1.209 | 17.68 | 8.161 | 4.64 | 100.9 | -91 | 3.3 | 0.29 |
| 4/12/2012 | 20:10:33 | 21.22 | 1.207 | 17.68 | 8.158 | 4.64 | 100.7 | -87 | 3.3 | 0.29 |
| 4/12/2012 | 20:15:33 | 21.22 | 1.203 | 17.68 | 8.155 | 4.64 | 100.6 | -90 | 3.3 | 0.29 |
| 4/12/2012 | 20:20:33 | 21.22 | 1.2 | 17.68 | 8.151 | 4.65 | 100.4 | -89 | 3.3 | 0.3 |
| 4/12/2012 | 20:25:33 | 21.22 | 1.198 | 17.68 | 8.148 | 4.65 | 100.2 | -83 | 3.3 | 0.29 |
| 4/12/2012 | 20:30:33 | 21.22 | 1.197 | 17.67 | 8.145 | 4.65 | 100.2 | -95 | 3.3 | 0.29 |
| 4/12/2012 | 20:35:33 | 21.22 | 1.19 | 17.67 | 8.14 | 4.65 | 100.2 | -106 | 3.3 | 0.29 |
| 4/12/2012 | 20:40:33 | 21.22 | 1.185 | 17.67 | 8.137 | 4.65 | 100.2 | -106 | 3.3 | 0.29 |
| 4/12/2012 | 20:45:33 | 21.21 | 1.182 | 17.67 | 8.135 | 4.65 | 100 | -110 | 3.3 | 0.3 |
| 4/12/2012 | 20:50:33 | 21.21 | 1.181 | 17.67 | 8.131 | 4.66 | 99.7 | -86 | 3.3 | 0.3 |
| 4/12/2012 | 20:55:33 | 21.21 | 1.179 | 17.67 | 8.128 | 4.66 | 99.7 | -89 | 3.3 | 0.3 |
| 4/12/2012 | 21:00:33 | 21.22 | 1.178 | 17.67 | 8.125 | 4.66 | 99.7 | -95 | 3.3 | 0.29 |
| 4/12/2012 | 21:05:33 | 21.21 | 1.176 | 17.67 | 8.123 | 4.66 | 99.5 | -100 | 3.3 | 0.29 |
| 4/12/2012 | 21:10:33 | 21.21 | 1.175 | 17.66 | 8.12 | 4.66 | 99.5 | -102 | 3.3 | 0.29 |
| 4/12/2012 | 21:15:33 | 21.21 | 1.174 | 17.66 | 8.117 | 4.66 | 99.4 | -89 | 3.3 | 0.29 |
| 4/12/2012 | 21:20:33 | 21.21 | 1.173 | 17.66 | 8.113 | 4.66 | 99.4 | -103 | 3.3 | 0.29 |
| 4/12/2012 | 21:25:33 | 21.21 | 1.173 | 17.66 | 8.111 | 4.66 | 99.4 | -108 | 3.3 | 0.29 |
| 4/12/2012 | 21:30:33 | 21.21 | 1.172 | 17.66 | 8.109 | 4.66 | 99.4 | -106 | 3.3 | 0.29 |
| 4/12/2012 | 21:35:33 | 21.21 | 1.171 | 17.66 | 8.107 | 4.66 | 99.4 | -111 | 3.3 | 0.29 |
| 4/12/2012 | 21:40:33 | 21.21 | 1.171 | 17.66 | 8.104 | 4.67 | 99.2 | -116 | 3.3 | 0.29 |
| 4/12/2012 | 21:45:33 | 21.21 | 1.172 | 17.66 | 8.103 | 4.67 | 99.1 | -120 | 3.3 | 0.29 |
| 4/12/2012 | 21:50:33 | 21.21 | 1.171 | 17.66 | 8.103 | 4.67 | 98.9 | -124 | 3.3 | 0.29 |
| 4/12/2012 | 21:55:33 | 21.21 | 1.171 | 17.66 | 8.102 | 4.67 | 98.8 | -126 | 3.3 | 0.29 |
| 4/12/2012 | 22:00:33 | 21.21 | 1.17 | 17.66 | 8.1 | 4.68 | 98.6 | -124 | 3.3 | 0.29 |
| 4/12/2012 | 22:05:33 | 21.21 | 1.17 | 17.65 | 8.099 | 4.68 | 98.4 | -124 | 3.3 | 0.29 |
| 4/12/2012 | 22:10:33 | 21.21 | 1.17 | 17.65 | 8.097 | 4.68 | 98.3 | -126 | 3.3 | 0.29 |
| 4/12/2012 | 22:15:33 | 21.21 | 1.17 | 17.65 | 8.095 | 4.68 | 98.2 | -127 | 3.3 | 0.29 |
| 4/12/2012 | 22:20:33 | 21.21 | 1.17 | 17.65 | 8.093 | 4.69 | 98.1 | -129 | 3.3 | 0.29 |
| 4/12/2012 | 22:25:33 | 21.21 | 1.169 | 17.65 | 8.092 | 4.69 | 98 | -133 | 3.3 | 0.29 |
| 4/12/2012 | 22:30:33 | 21.21 | 1.169 | 17.65 | 8.09 | 4.69 | 97.9 | -138 | 3.3 | 0.29 |
| 4/12/2012 | 22:35:33 | 21.21 | 1.168 | 17.65 | 8.088 | 4.69 | 97.7 | -139 | 3.2 | 0.29 |
| 4/12/2012 | 22:40:33 | 21.21 | 1.168 | 17.65 | 8.088 | 4.7 | 97.5 | -140 | 3.2 | 0.29 |
| 4/12/2012 | 22:45:33 | 21.21 | 1.168 | 17.65 | 8.087 | 4.7 | 97.4 | -144 | 3.2 | 0.29 |
| 4/12/2012 | 22:50:33 | 21.21 | 1.169 | 17.65 | 8.086 | 4.7 | 97.3 | -145 | 3.2 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/12/2012 | 22:55:33 | 21.21 | 1.169 | 17.65 | 8.084 | 4.7 | 97.2 | -144 | 3.2 | 0.29 |
| 4/12/2012 | 23:00:33 | 21.21 | 1.169 | 17.65 | 8.084 | 4.7 | 97.2 | -141 | 3.2 | 0.28 |
| 4/12/2012 | 23:05:33 | 21.21 | 1.168 | 17.65 | 8.083 | 4.7 | 97.2 | -144 | 3.2 | 0.28 |
| 4/12/2012 | 23:10:33 | 21.21 | 1.165 | 17.65 | 8.083 | 4.7 | 97.6 | -145 | 3.2 | 0.28 |
| 4/12/2012 | 23:15:33 | 21.21 | 1.164 | 17.65 | 8.082 | 4.69 | 97.8 | -148 | 3.2 | 0.28 |
| 4/12/2012 | 23:20:33 | 21.21 | 1.164 | 17.65 | 8.08 | 4.69 | 97.8 | -146 | 3.2 | 0.28 |
| 4/12/2012 | 23:25:33 | 21.21 | 1.163 | 17.65 | 8.083 | 4.69 | 97.7 | -144 | 3.2 | 0.28 |
| 4/12/2012 | 23:30:33 | 21.21 | 1.163 | 17.65 | 8.082 | 4.69 | 97.8 | -144 | 3.2 | 0.28 |
| 4/12/2012 | 23:35:33 | 21.21 | 1.163 | 17.65 | 8.082 | 4.69 | 98 | -146 | 3.2 | 0.28 |
| 4/12/2012 | 23:40:33 | 21.21 | 1.162 | 17.65 | 8.083 | 4.69 | 97.9 | -147 | 3.2 | 0.28 |
| 4/12/2012 | 23:45:33 | 21.21 | 1.162 | 17.65 | 8.082 | 4.69 | 97.9 | -147 | 3.2 | 0.28 |
| 4/12/2012 | 23:50:33 | 21.21 | 1.161 | 17.65 | 8.082 | 4.69 | 97.8 | -149 | 3.1 | 0.28 |
| 4/12/2012 | 23:55:33 | 21.21 | 1.161 | 17.65 | 8.084 | 4.69 | 97.7 | -143 | 3.1 | 0.28 |
| 4/13/2012 | 0:00:33 | 21.21 | 1.161 | 17.65 | 8.082 | 4.7 | 97.6 | -143 | 3.1 | 0.28 |
| 4/13/2012 | 0:05:33 | 21.21 | 1.161 | 17.65 | 8.083 | 4.7 | 97.5 | -143 | 3.1 | 0.28 |
| 4/13/2012 | 0:10:33 | 21.21 | 1.16 | 17.65 | 8.084 | 4.7 | 97.4 | -142 | 3.1 | 0.28 |
| 4/13/2012 | 0:15:33 | 21.21 | 1.16 | 17.65 | 8.083 | 4.7 | 97.4 | -146 | 3.1 | 0.28 |
| 4/13/2012 | 0:20:33 | 21.21 | 1.161 | 17.65 | 8.083 | 4.7 | 97.1 | -144 | 3.1 | 0.28 |
| 4/13/2012 | 0:25:33 | 21.21 | 1.16 | 17.65 | 8.085 | 4.71 | 97 | -145 | 3.1 | 0.28 |
| 4/13/2012 | 0:30:33 | 21.21 | 1.16 | 17.65 | 8.085 | 4.71 | 96.7 | -147 | 3.1 | 0.28 |
| 4/13/2012 | 0:35:33 | 21.22 | 1.16 | 17.65 | 8.088 | 4.71 | 96.6 | -147 | 3.1 | 0.28 |
| 4/13/2012 | 0:40:33 | 21.21 | 1.159 | 17.65 | 8.088 | 4.71 | 96.6 | -138 | 3.1 | 0.27 |
| 4/13/2012 | 0:45:33 | 21.22 | 1.16 | 17.65 | 8.091 | 4.71 | 96.6 | -141 | 3.1 | 0.27 |
| 4/13/2012 | 0:50:33 | 21.22 | 1.159 | 17.65 | 8.092 | 4.71 | 96.7 | -120 | 3.1 | 0.27 |
| 4/13/2012 | 0:55:33 | 21.22 | 1.159 | 17.65 | 8.093 | 4.71 | 96.6 | -120 | 3.1 | 0.27 |
| 4/13/2012 | 1:00:33 | 21.22 | 1.159 | 17.65 | 8.094 | 4.72 | 96.5 | -126 | 3.1 | 0.27 |
| 4/13/2012 | 1:05:33 | 21.21 | 1.159 | 17.65 | 8.096 | 4.71 | 96.5 | -131 | 3.1 | 0.27 |
| 4/13/2012 | 1:10:33 | 21.22 | 1.159 | 17.65 | 8.099 | 4.72 | 96.4 | -129 | 3.1 | 0.27 |
| 4/13/2012 | 1:15:33 | 21.22 | 1.159 | 17.66 | 8.101 | 4.72 | 96.5 | -129 | 3.1 | 0.27 |
| 4/13/2012 | 1:20:33 | 21.22 | 1.159 | 17.66 | 8.103 | 4.72 | 96.4 | -139 | 3.1 | 0.27 |
| 4/13/2012 | 1:25:33 | 21.22 | 1.159 | 17.66 | 8.106 | 4.72 | 96.4 | -143 | 3.1 | 0.27 |
| 4/13/2012 | 1:30:33 | 21.22 | 1.159 | 17.66 | 8.107 | 4.72 | 96.4 | -140 | 3.1 | 0.27 |
| 4/13/2012 | 1:35:33 | 21.22 | 1.159 | 17.66 | 8.112 | 4.71 | 96.6 | -131 | 3.1 | 0.27 |
| 4/13/2012 | 1:40:33 | 21.22 | 1.159 | 17.66 | 8.113 | 4.71 | 96.6 | -138 | 3.1 | 0.27 |
| 4/13/2012 | 1:45:33 | 21.22 | 1.159 | 17.66 | 8.117 | 4.71 | 96.6 | -139 | 3.1 | 0.27 |
| 4/13/2012 | 1:50:33 | 21.22 | 1.16 | 17.66 | 8.121 | 4.71 | 96.6 | -140 | 3.1 | 0.27 |
| 4/13/2012 | 1:55:33 | 21.22 | 1.16 | 17.67 | 8.123 | 4.71 | 96.6 | -141 | 3.1 | 0.27 |
| 4/13/2012 | 2:00:33 | 21.22 | 1.16 | 17.67 | 8.127 | 4.72 | 96.5 | -141 | 3.1 | 0.27 |
| 4/13/2012 | 2:05:33 | 21.22 | 1.16 | 17.67 | 8.127 | 4.71 | 96.6 | -144 | 3.1 | 0.27 |
| 4/13/2012 | 2:10:33 | 21.22 | 1.16 | 17.67 | 8.132 | 4.71 | 96.6 | -148 | 3.1 | 0.27 |
| 4/13/2012 | 2:15:33 | 21.22 | 1.161 | 17.67 | 8.136 | 4.71 | 96.6 | -154 | 3.1 | 0.27 |
| 4/13/2012 | 2:20:33 | 21.22 | 1.162 | 17.67 | 8.139 | 4.71 | 96.7 | -161 | 3 | 0.27 |
| 4/13/2012 | 2:25:33 | 21.22 | 1.161 | 17.67 | 8.142 | 4.71 | 96.7 | -154 | 3.1 | 0.27 |
| 4/13/2012 | 2:30:33 | 21.22 | 1.162 | 17.67 | 8.145 | 4.71 | 96.8 | -157 | 3.1 | 0.27 |
| 4/13/2012 | 2:35:33 | 21.22 | 1.162 | 17.68 | 8.149 | 4.71 | 96.7 | -159 | 3.1 | 0.27 |
| 4/13/2012 | 2:40:33 | 21.22 | 1.163 | 17.68 | 8.153 | 4.71 | 96.9 | -152 | 3.1 | 0.27 |
| 4/13/2012 | 2:45:33 | 21.22 | 1.164 | 17.68 | 8.156 | 4.71 | 96.9 | -151 | 3.1 | 0.27 |
| 4/13/2012 | 2:50:33 | 21.22 | 1.164 | 17.68 | 8.16 | 4.71 | 96.9 | -155 | 3 | 0.27 |
| 4/13/2012 | 2:55:33 | 21.22 | 1.164 | 17.68 | 8.165 | 4.71 | 96.9 | -152 | 3.1 | 0.27 |
| 4/13/2012 | 3:00:33 | 21.22 | 1.165 | 17.69 | 8.17 | 4.71 | 96.8 | -150 | 3 | 0.27 |
| 4/13/2012 | 3:05:33 | 21.22 | 1.166 | 17.69 | 8.171 | 4.71 | 96.9 | -149 | 3 | 0.27 |
| 4/13/2012 | 3:10:33 | 21.22 | 1.167 | 17.69 | 8.176 | 4.7 | 97.3 | -156 | 3 | 0.27 |
| 4/13/2012 | 3:15:33 | 21.22 | 1.167 | 17.69 | 8.182 | 4.69 | 97.7 | -159 | 3 | 0.27 |
| 4/13/2012 | 3:20:33 | 21.22 | 1.167 | 17.69 | 8.187 | 4.69 | 97.9 | -157 | 3 | 0.27 |
| 4/13/2012 | 3:25:33 | 21.22 | 1.168 | 17.69 | 8.191 | 4.69 | 98.1 | -156 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 3:30:33 | 21.22 | 1.168 | 17.7 | 8.194 | 4.68 | 98.3 | -160 | 3 | 0.27 |
| 4/13/2012 | 3:35:33 | 21.22 | 1.169 | 17.7 | 8.196 | 4.68 | 98.6 | -162 | 3 | 0.27 |
| 4/13/2012 | 3:40:33 | 21.22 | 1.17 | 17.7 | 8.204 | 4.68 | 98.7 | -164 | 3 | 0.27 |
| 4/13/2012 | 3:45:33 | 21.22 | 1.17 | 17.7 | 8.212 | 4.68 | 98.6 | -158 | 3 | 0.27 |
| 4/13/2012 | 3:50:33 | 21.22 | 1.171 | 17.71 | 8.215 | 4.68 | 98.6 | -160 | 3 | 0.27 |
| 4/13/2012 | 3:55:33 | 21.22 | 1.171 | 17.71 | 8.22 | 4.68 | 98.7 | -161 | 3 | 0.27 |
| 4/13/2012 | 4:00:33 | 21.22 | 1.172 | 17.71 | 8.225 | 4.67 | 99 | -160 | 3 | 0.27 |
| 4/13/2012 | 4:05:33 | 21.22 | 1.171 | 17.71 | 8.23 | 4.67 | 99.1 | -156 | 3 | 0.27 |
| 4/13/2012 | 4:10:33 | 21.22 | 1.172 | 17.71 | 8.237 | 4.67 | 99.2 | -157 | 3 | 0.27 |
| 4/13/2012 | 4:15:33 | 21.22 | 1.173 | 17.72 | 8.244 | 4.67 | 99.1 | -157 | 3 | 0.27 |
| 4/13/2012 | 4:20:33 | 21.22 | 1.175 | 17.72 | 8.25 | 4.68 | 98.7 | -166 | 3 | 0.27 |
| 4/13/2012 | 4:25:33 | 21.22 | 1.177 | 17.72 | 8.257 | 4.68 | 98.3 | -168 | 3 | 0.27 |
| 4/13/2012 | 4:30:33 | 21.22 | 1.177 | 17.73 | 8.263 | 4.68 | 98.3 | -167 | 3 | 0.27 |
| 4/13/2012 | 4:35:33 | 21.22 | 1.177 | 17.73 | 8.268 | 4.68 | 98.8 | -163 | 3 | 0.27 |
| 4/13/2012 | 4:40:33 | 21.22 | 1.179 | 17.73 | 8.274 | 4.67 | 99.2 | -166 | 3 | 0.27 |
| 4/13/2012 | 4:45:33 | 21.22 | 1.18 | 17.73 | 8.279 | 4.66 | 99.4 | -165 | 3 | 0.27 |
| 4/13/2012 | 4:50:33 | 21.22 | 1.18 | 17.73 | 8.284 | 4.66 | 99.5 | -150 | 3 | 0.27 |
| 4/13/2012 | 4:55:33 | 21.22 | 1.181 | 17.74 | 8.288 | 4.66 | 99.7 | -160 | 3 | 0.27 |
| 4/13/2012 | 5:00:33 | 21.22 | 1.182 | 17.74 | 8.293 | 4.66 | 99.5 | -166 | 3 | 0.27 |
| 4/13/2012 | 5:05:33 | 21.22 | 1.183 | 17.74 | 8.299 | 4.67 | 99.1 | -169 | 3 | 0.27 |
| 4/13/2012 | 5:10:33 | 21.22 | 1.183 | 17.74 | 8.303 | 4.67 | 98.9 | -169 | 3 | 0.27 |
| 4/13/2012 | 5:15:33 | 21.22 | 1.184 | 17.75 | 8.308 | 4.67 | 99 | -160 | 3.1 | 0.27 |
| 4/13/2012 | 5:20:33 | 21.22 | 1.184 | 17.75 | 8.312 | 4.66 | 99.6 | -172 | 3 | 0.27 |
| 4/13/2012 | 5:25:33 | 21.22 | 1.185 | 17.75 | 8.312 | 4.65 | 99.9 | -172 | 3 | 0.27 |
| 4/13/2012 | 5:30:33 | 21.22 | 1.186 | 17.75 | 8.316 | 4.66 | 99.8 | -176 | 3 | 0.27 |
| 4/13/2012 | 5:35:33 | 21.22 | 1.187 | 17.75 | 8.32 | 4.66 | 99.6 | -174 | 3.1 | 0.27 |
| 4/13/2012 | 5:40:33 | 21.22 | 1.188 | 17.75 | 8.323 | 4.66 | 99.5 | -175 | 3.1 | 0.27 |
| 4/13/2012 | 5:45:33 | 21.22 | 1.188 | 17.75 | 8.322 | 4.66 | 99.7 | -173 | 3 | 0.27 |
| 4/13/2012 | 5:50:33 | 21.22 | 1.189 | 17.75 | 8.324 | 4.65 | 100.1 | -174 | 3 | 0.27 |
| 4/13/2012 | 5:55:33 | 21.22 | 1.19 | 17.75 | 8.325 | 4.65 | 100.3 | -173 | 3 | 0.27 |
| 4/13/2012 | 6:00:33 | 21.22 | 1.191 | 17.75 | 8.327 | 4.65 | 100.3 | -173 | 3 | 0.27 |
| 4/13/2012 | 6:05:33 | 21.22 | 1.191 | 17.75 | 8.327 | 4.65 | 100.3 | -174 | 3.1 | 0.27 |
| 4/13/2012 | 6:10:33 | 21.22 | 1.192 | 17.75 | 8.327 | 4.65 | 100.3 | -175 | 3 | 0.27 |
| 4/13/2012 | 6:15:33 | 21.22 | 1.192 | 17.75 | 8.326 | 4.65 | 100.3 | -173 | 3.1 | 0.27 |
| 4/13/2012 | 6:20:33 | 21.22 | 1.193 | 17.75 | 8.324 | 4.64 | 100.5 | -177 | 3 | 0.27 |
| 4/13/2012 | 6:25:33 | 21.22 | 1.194 | 17.75 | 8.324 | 4.64 | 100.6 | -177 | 3 | 0.27 |
| 4/13/2012 | 6:30:33 | 21.22 | 1.195 | 17.75 | 8.322 | 4.64 | 100.8 | -175 | 3 | 0.27 |
| 4/13/2012 | 6:35:33 | 21.22 | 1.195 | 17.75 | 8.32 | 4.64 | 100.9 | -173 | 3 | 0.27 |
| 4/13/2012 | 6:40:33 | 21.22 | 1.196 | 17.75 | 8.319 | 4.64 | 101 | -173 | 3 | 0.27 |
| 4/13/2012 | 6:45:33 | 21.22 | 1.197 | 17.75 | 8.317 | 4.64 | 101 | -169 | 3 | 0.27 |
| 4/13/2012 | 6:50:33 | 21.22 | 1.198 | 17.75 | 8.314 | 4.64 | 101 | -171 | 3 | 0.27 |
| 4/13/2012 | 6:55:33 | 21.22 | 1.199 | 17.75 | 8.312 | 4.64 | 101 | -170 | 3 | 0.27 |
| 4/13/2012 | 7:00:33 | 21.22 | 1.199 | 17.74 | 8.306 | 4.64 | 101 | -169 | 3 | 0.27 |
| 4/13/2012 | 7:05:33 | 21.22 | 1.199 | 17.74 | 8.304 | 4.64 | 101 | -160 | 3 | 0.27 |
| 4/13/2012 | 7:10:33 | 21.22 | 1.2 | 17.74 | 8.302 | 4.64 | 100.9 | -172 | 3 | 0.27 |
| 4/13/2012 | 7:15:33 | 21.22 | 1.201 | 17.74 | 8.298 | 4.64 | 101 | -172 | 3 | 0.27 |
| 4/13/2012 | 7:20:33 | 21.22 | 1.202 | 17.74 | 8.292 | 4.64 | 101 | -177 | 3.1 | 0.27 |
| 4/13/2012 | 7:25:33 | 21.22 | 1.203 | 17.74 | 8.289 | 4.64 | 101 | -177 | 3 | 0.27 |
| 4/13/2012 | 7:30:33 | 21.22 | 1.203 | 17.74 | 8.285 | 4.64 | 101 | -173 | 3.1 | 0.27 |
| 4/13/2012 | 7:35:33 | 21.22 | 1.205 | 17.73 | 8.282 | 4.64 | 100.8 | -170 | 3 | 0.27 |
| 4/13/2012 | 7:40:33 | 21.22 | 1.205 | 17.73 | 8.278 | 4.64 | 100.8 | -169 | 3 | 0.27 |
| 4/13/2012 | 7:45:33 | 21.22 | 1.206 | 17.73 | 8.273 | 4.64 | 100.6 | -173 | 3 | 0.27 |
| 4/13/2012 | 7:50:33 | 21.22 | 1.207 | 17.73 | 8.27 | 4.64 | 100.6 | -176 | 3 | 0.27 |
| 4/13/2012 | 7:55:33 | 21.22 | 1.208 | 17.73 | 8.267 | 4.64 | 100.6 | -178 | 3 | 0.27 |
| 4/13/2012 | 8:00:33 | 21.22 | 1.208 | 17.73 | 8.261 | 4.64 | 100.6 | -183 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 8:05:33 | 21.22 | 1.209 | 17.72 | 8.257 | 4.64 | 100.5 | -182 | 3 | 0.27 |
| 4/13/2012 | 8:10:33 | 21.22 | 1.21 | 17.72 | 8.253 | 4.64 | 100.5 | -177 | 3 | 0.27 |
| 4/13/2012 | 8:15:33 | 21.22 | 1.211 | 17.72 | 8.249 | 4.64 | 100.5 | -170 | 3 | 0.27 |
| 4/13/2012 | 8:20:33 | 21.22 | 1.212 | 17.72 | 8.244 | 4.64 | 100.6 | -173 | 3 | 0.27 |
| 4/13/2012 | 8:25:33 | 21.22 | 1.213 | 17.72 | 8.242 | 4.64 | 100.5 | -175 | 3 | 0.27 |
| 4/13/2012 | 8:30:33 | 21.22 | 1.213 | 17.71 | 8.238 | 4.65 | 100.3 | -178 | 3 | 0.27 |
| 4/13/2012 | 8:35:33 | 21.22 | 1.214 | 17.71 | 8.234 | 4.65 | 100.3 | -175 | 3 | 0.27 |
| 4/13/2012 | 8:40:33 | 21.22 | 1.214 | 17.71 | 8.232 | 4.65 | 100.4 | -181 | 3 | 0.27 |
| 4/13/2012 | 8:45:33 | 21.22 | 1.215 | 17.71 | 8.227 | 4.65 | 100.4 | -179 | 3 | 0.27 |
| 4/13/2012 | 8:50:33 | 21.22 | 1.216 | 17.71 | 8.224 | 4.65 | 100.5 | -184 | 3 | 0.27 |
| 4/13/2012 | 8:55:33 | 21.22 | 1.216 | 17.71 | 8.22 | 4.65 | 100.4 | -177 | 3 | 0.27 |
| 4/13/2012 | 9:00:33 | 21.22 | 1.217 | 17.71 | 8.217 | 4.65 | 100.3 | -178 | 3 | 0.27 |
| 4/13/2012 | 9:05:33 | 21.22 | 1.217 | 17.7 | 8.212 | 4.65 | 100.3 | -188 | 3 | 0.27 |
| 4/13/2012 | 9:10:33 | 21.22 | 1.217 | 17.7 | 8.208 | 4.65 | 100.2 | -189 | 3 | 0.27 |
| 4/13/2012 | 9:15:33 | 21.22 | 1.218 | 17.7 | 8.206 | 4.65 | 100.2 | -188 | 3 | 0.27 |
| 4/13/2012 | 9:20:33 | 21.23 | 1.219 | 17.7 | 8.203 | 4.65 | 100 | -188 | 3 | 0.27 |
| 4/13/2012 | 9:25:33 | 21.23 | 1.22 | 17.7 | 8.199 | 4.65 | 99.9 | -187 | 3 | 0.27 |
| 4/13/2012 | 9:30:33 | 21.23 | 1.221 | 17.7 | 8.199 | 4.65 | 99.9 | -177 | 3 | 0.27 |
| 4/13/2012 | 9:35:33 | 21.23 | 1.222 | 17.7 | 8.194 | 4.65 | 99.9 | -180 | 3 | 0.27 |
| 4/13/2012 | 9:40:33 | 21.23 | 1.222 | 17.7 | 8.193 | 4.66 | 99.9 | -180 | 3 | 0.27 |
| 4/13/2012 | 9:45:33 | 21.23 | 1.223 | 17.69 | 8.19 | 4.66 | 99.9 | -164 | 3 | 0.27 |
| 4/13/2012 | 9:50:33 | 21.23 | 1.223 | 17.69 | 8.188 | 4.66 | 99.7 | -173 | 3 | 0.27 |
| 4/13/2012 | 9:55:33 | 21.23 | 1.224 | 17.69 | 8.182 | 4.66 | 99.6 | -169 | 3 | 0.27 |
| 4/13/2012 | 10:00:33 | 21.23 | 1.224 | 17.69 | 8.181 | 4.66 | 99.4 | -161 | 3 | 0.27 |
| 4/13/2012 | 10:05:33 | 21.23 | 1.225 | 17.69 | 8.18 | 4.66 | 99.4 | -164 | 3 | 0.27 |
| 4/13/2012 | 10:10:33 | 21.23 | 1.226 | 17.69 | 8.176 | 4.67 | 99.2 | -164 | 3 | 0.27 |
| 4/13/2012 | 10:15:33 | 21.23 | 1.226 | 17.69 | 8.176 | 4.67 | 99.1 | -162 | 3 | 0.27 |
| 4/13/2012 | 10:20:33 | 21.23 | 1.227 | 17.69 | 8.174 | 4.67 | 99.2 | -167 | 3 | 0.27 |
| 4/13/2012 | 10:25:33 | 21.23 | 1.227 | 17.69 | 8.171 | 4.67 | 99.1 | -167 | 3 | 0.27 |
| 4/13/2012 | 10:30:33 | 21.23 | 1.227 | 17.69 | 8.17 | 4.67 | 99.1 | -168 | 3 | 0.27 |
| 4/13/2012 | 10:35:33 | 21.23 | 1.227 | 17.68 | 8.168 | 4.67 | 98.9 | -167 | 3 | 0.27 |
| 4/13/2012 | 10:40:33 | 21.23 | 1.227 | 17.68 | 8.167 | 4.68 | 98.6 | -158 | 3 | 0.27 |
| 4/13/2012 | 10:45:33 | 21.23 | 1.227 | 17.68 | 8.166 | 4.68 | 98.6 | -153 | 3 | 0.27 |
| 4/13/2012 | 10:50:33 | 21.23 | 1.226 | 17.68 | 8.165 | 4.68 | 98.4 | -156 | 3 | 0.27 |
| 4/13/2012 | 10:55:33 | 21.23 | 1.226 | 17.68 | 8.165 | 4.69 | 98.2 | -153 | 3 | 0.27 |
| 4/13/2012 | 11:00:33 | 21.23 | 1.227 | 17.68 | 8.161 | 4.69 | 97.8 | -145 | 3 | 0.27 |
| 4/13/2012 | 11:05:33 | 21.23 | 1.226 | 17.68 | 8.159 | 4.7 | 97.6 | -145 | 3 | 0.27 |
| 4/13/2012 | 11:10:33 | 21.23 | 1.226 | 17.68 | 8.157 | 4.7 | 97.4 | -151 | 3 | 0.27 |
| 4/13/2012 | 11:15:33 | 21.23 | 1.225 | 17.68 | 8.154 | 4.7 | 97.4 | -155 | 3 | 0.27 |
| 4/13/2012 | 11:20:33 | 21.23 | 1.226 | 17.68 | 8.153 | 4.7 | 97.5 | -155 | 3 | 0.27 |
| 4/13/2012 | 11:25:33 | 21.23 | 1.225 | 17.68 | 8.153 | 4.7 | 97.6 | -157 | 3 | 0.27 |
| 4/13/2012 | 11:30:33 | 21.23 | 1.224 | 17.68 | 8.15 | 4.7 | 97.1 | -145 | 3 | 0.27 |
| 4/13/2012 | 11:35:33 | 21.23 | 1.224 | 17.68 | 8.149 | 4.7 | 97.1 | -146 | 3 | 0.27 |
| 4/13/2012 | 11:40:33 | 21.23 | 1.224 | 17.68 | 8.149 | 4.71 | 97 | -152 | 3 | 0.27 |
| 4/13/2012 | 11:45:33 | 21.23 | 1.224 | 17.68 | 8.148 | 4.71 | 97 | -153 | 3 | 0.27 |
| 4/13/2012 | 11:50:33 | 21.23 | 1.224 | 17.67 | 8.146 | 4.71 | 96.9 | -151 | 3 | 0.27 |
| 4/13/2012 | 11:55:33 | 21.23 | 1.224 | 17.67 | 8.143 | 4.7 | 97.2 | -155 | 3 | 0.27 |
| 4/13/2012 | 12:00:33 | 21.23 | 1.224 | 17.67 | 8.141 | 4.7 | 97.3 | -160 | 3 | 0.27 |
| 4/13/2012 | 12:05:33 | 21.23 | 1.223 | 17.67 | 8.139 | 4.7 | 97.4 | -164 | 3 | 0.27 |
| 4/13/2012 | 12:10:33 | 21.23 | 1.223 | 17.67 | 8.14 | 4.7 | 97.5 | -169 | 3 | 0.27 |
| 4/13/2012 | 12:15:33 | 21.23 | 1.223 | 17.67 | 8.136 | 4.7 | 97.5 | -168 | 3 | 0.27 |
| 4/13/2012 | 12:20:33 | 21.23 | 1.223 | 17.67 | 8.136 | 4.7 | 97.5 | -169 | 3 | 0.27 |
| 4/13/2012 | 12:25:33 | 21.23 | 1.223 | 17.67 | 8.134 | 4.7 | 97.5 | -165 | 3 | 0.27 |
| 4/13/2012 | 12:30:33 | 21.23 | 1.224 | 17.68 | 8.158 | 4.7 | 97.6 | -168 | 3 | 0.27 |
| 4/13/2012 | 12:35:33 | 21.23 | 1.224 | 17.69 | 8.181 | 4.69 | 97.7 | -176 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 12:40:33 | 21.23 | 1.224 | 17.7 | 8.197 | 4.69 | 97.8 | -185 | 3 | 0.27 |
| 4/13/2012 | 12:45:33 | 21.23 | 1.223 | 17.72 | 8.239 | 4.69 | 97.9 | -189 | 3 | 0.27 |
| 4/13/2012 | 12:50:33 | 21.23 | 1.223 | 17.71 | 8.233 | 4.69 | 98 | -194 | 3 | 0.27 |
| 4/13/2012 | 12:55:33 | 21.23 | 1.223 | 17.71 | 8.22 | 4.69 | 97.8 | -187 | 3 | 0.27 |
| 4/13/2012 | 13:00:33 | 21.23 | 1.223 | 17.7 | 8.21 | 4.7 | 97.5 | -174 | 3 | 0.27 |
| 4/13/2012 | 13:05:33 | 21.23 | 1.224 | 17.7 | 8.2 | 4.7 | 97.3 | -166 | 3 | 0.27 |
| 4/13/2012 | 13:10:33 | 21.23 | 1.224 | 17.7 | 8.194 | 4.7 | 97.3 | -169 | 3 | 0.27 |
| 4/13/2012 | 13:15:33 | 21.23 | 1.225 | 17.69 | 8.188 | 4.7 | 97.4 | -168 | 3 | 0.27 |
| 4/13/2012 | 13:20:33 | 21.23 | 1.225 | 17.69 | 8.18 | 4.7 | 97.5 | -171 | 3 | 0.27 |
| 4/13/2012 | 13:25:33 | 21.23 | 1.226 | 17.67 | 8.145 | 4.7 | 97.4 | -174 | 3 | 0.27 |
| 4/13/2012 | 13:30:33 | 21.23 | 1.225 | 17.67 | 8.131 | 4.7 | 97.5 | -172 | 3 | 0.27 |
| 4/13/2012 | 13:35:33 | 21.23 | 1.225 | 17.67 | 8.125 | 4.7 | 97.5 | -174 | 3 | 0.27 |
| 4/13/2012 | 13:40:33 | 21.23 | 1.225 | 17.67 | 8.125 | 4.7 | 97.7 | -180 | 3 | 0.27 |
| 4/13/2012 | 13:45:33 | 21.23 | 1.225 | 17.67 | 8.126 | 4.69 | 97.7 | -185 | 3 | 0.27 |
| 4/13/2012 | 13:50:33 | 21.23 | 1.225 | 17.67 | 8.127 | 4.69 | 97.8 | -188 | 3 | 0.27 |
| 4/13/2012 | 13:55:33 | 21.23 | 1.225 | 17.7 | 8.203 | 4.69 | 98.1 | -189 | 3 | 0.27 |
| 4/13/2012 | 14:00:33 | 21.23 | 1.225 | 17.71 | 8.217 | 4.68 | 98.6 | -201 | 3 | 0.27 |
| 4/13/2012 | 14:05:33 | 21.23 | 1.225 | 17.7 | 8.213 | 4.68 | 98.8 | -206 | 3 | 0.27 |
| 4/13/2012 | 14:10:33 | 21.23 | 1.225 | 17.71 | 8.224 | 4.68 | 98.6 | -206 | 3 | 0.27 |
| 4/13/2012 | 14:15:33 | 21.23 | 1.225 | 17.71 | 8.225 | 4.68 | 98.4 | -194 | 3 | 0.27 |
| 4/13/2012 | 14:20:33 | 21.23 | 1.223 | 17.67 | 8.13 | 4.69 | 97.8 | -179 | 3 | 0.27 |
| 4/13/2012 | 14:25:33 | 21.23 | 1.224 | 17.67 | 8.128 | 4.7 | 97.4 | -179 | 3 | 0.27 |
| 4/13/2012 | 14:30:33 | 21.23 | 1.224 | 17.67 | 8.137 | 4.7 | 97.4 | -178 | 3 | 0.27 |
| 4/13/2012 | 14:35:33 | 21.23 | 1.225 | 17.67 | 8.144 | 4.7 | 97.4 | -182 | 3 | 0.27 |
| 4/13/2012 | 14:40:33 | 21.23 | 1.224 | 17.68 | 8.149 | 4.7 | 97.5 | -192 | 3 | 0.27 |
| 4/13/2012 | 14:45:33 | 21.23 | 1.224 | 17.68 | 8.155 | 4.69 | 97.8 | -203 | 3 | 0.27 |
| 4/13/2012 | 14:50:33 | 21.23 | 1.225 | 17.68 | 8.158 | 4.69 | 97.8 | -207 | 3 | 0.27 |
| 4/13/2012 | 14:55:33 | 21.23 | 1.225 | 17.68 | 8.16 | 4.69 | 97.7 | -207 | 3 | 0.27 |
| 4/13/2012 | 15:00:33 | 21.23 | 1.225 | 17.68 | 8.167 | 4.69 | 97.7 | -207 | 3 | 0.27 |
| 4/13/2012 | 15:05:33 | 21.23 | 1.225 | 17.69 | 8.174 | 4.69 | 98 | -210 | 3 | 0.27 |
| 4/13/2012 | 15:10:33 | 21.23 | 1.225 | 17.69 | 8.172 | 4.69 | 98.1 | -208 | 3 | 0.27 |
| 4/13/2012 | 15:15:33 | 21.23 | 1.225 | 17.69 | 8.175 | 4.69 | 98 | -203 | 3 | 0.27 |
| 4/13/2012 | 15:20:33 | 21.23 | 1.225 | 17.69 | 8.178 | 4.69 | 97.9 | -209 | 3 | 0.27 |
| 4/13/2012 | 15:25:33 | 21.23 | 1.225 | 17.69 | 8.187 | 4.69 | 98 | -211 | 3 | 0.27 |
| 4/13/2012 | 15:30:33 | 21.23 | 1.225 | 17.7 | 8.201 | 4.68 | 98.3 | -212 | 3 | 0.27 |
| 4/13/2012 | 15:35:33 | 21.23 | 1.225 | 17.7 | 8.201 | 4.69 | 98.2 | -210 | 3 | 0.27 |
| 4/13/2012 | 15:40:33 | 21.23 | 1.225 | 17.7 | 8.203 | 4.69 | 98.2 | -215 | 3 | 0.27 |
| 4/13/2012 | 15:45:33 | 21.23 | 1.225 | 17.7 | 8.206 | 4.68 | 98.4 | -217 | 3 | 0.27 |
| 4/13/2012 | 15:50:33 | 21.23 | 1.225 | 17.7 | 8.207 | 4.68 | 98.6 | -221 | 3 | 0.27 |
| 4/13/2012 | 15:55:33 | 21.23 | 1.225 | 17.7 | 8.21 | 4.68 | 98.3 | -223 | 3 | 0.27 |
| 4/13/2012 | 16:00:33 | 21.24 | 1.225 | 17.7 | 8.213 | 4.69 | 98 | -224 | 3 | 0.27 |
| 4/13/2012 | 16:05:33 | 21.24 | 1.225 | 17.71 | 8.216 | 4.7 | 97.3 | -229 | 3 | 0.27 |
| 4/13/2012 | 16:10:33 | 21.24 | 1.225 | 17.71 | 8.217 | 4.71 | 96.9 | -229 | 3 | 0.27 |
| 4/13/2012 | 16:15:33 | 21.24 | 1.226 | 17.71 | 8.223 | 4.71 | 96.7 | -230 | 3 | 0.27 |
| 4/13/2012 | 16:20:33 | 21.23 | 1.226 | 17.71 | 8.224 | 4.71 | 96.9 | -228 | 3 | 0.27 |
| 4/13/2012 | 16:25:33 | 21.24 | 1.226 | 17.71 | 8.229 | 4.71 | 97 | -230 | 3 | 0.27 |
| 4/13/2012 | 16:30:33 | 21.24 | 1.226 | 17.71 | 8.234 | 4.7 | 97.2 | -229 | 3 | 0.27 |
| 4/13/2012 | 16:35:33 | 21.24 | 1.227 | 17.71 | 8.235 | 4.7 | 97.6 | -228 | 3 | 0.27 |
| 4/13/2012 | 16:40:33 | 21.24 | 1.226 | 17.71 | 8.232 | 4.69 | 97.9 | -230 | 3 | 0.27 |
| 4/13/2012 | 16:45:33 | 21.24 | 1.227 | 17.71 | 8.238 | 4.68 | 98.5 | -231 | 3 | 0.27 |
| 4/13/2012 | 16:50:33 | 21.24 | 1.227 | 17.72 | 8.24 | 4.68 | 98.7 | -233 | 3 | 0.27 |
| 4/13/2012 | 16:55:33 | 21.24 | 1.228 | 17.72 | 8.242 | 4.67 | 98.8 | -233 | 3 | 0.27 |
| 4/13/2012 | 17:00:33 | 21.24 | 1.227 | 17.72 | 8.244 | 4.67 | 99.2 | -234 | 3 | 0.27 |
| 4/13/2012 | 17:05:33 | 21.24 | 1.227 | 17.72 | 8.248 | 4.66 | 99.6 | -236 | 3 | 0.27 |
| 4/13/2012 | 17:10:33 | 21.24 | 1.227 | 17.72 | 8.252 | 4.66 | 99.7 | -236 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 17:15:33 | 21.24 | 1.227 | 17.72 | 8.258 | 4.66 | 99.9 | -236 | 3 | 0.27 |
| 4/13/2012 | 17:20:33 | 21.24 | 1.227 | 17.72 | 8.26 | 4.65 | 100 | -237 | 3 | 0.27 |
| 4/13/2012 | 17:25:33 | 21.24 | 1.228 | 17.73 | 8.264 | 4.65 | 100 | -233 | 3 | 0.27 |
| 4/13/2012 | 17:30:33 | 21.24 | 1.227 | 17.73 | 8.267 | 4.65 | 100.1 | -225 | 3 | 0.27 |
| 4/13/2012 | 17:35:33 | 21.24 | 1.228 | 17.73 | 8.271 | 4.65 | 100.2 | -227 | 3 | 0.27 |
| 4/13/2012 | 17:40:33 | 21.24 | 1.228 | 17.73 | 8.274 | 4.64 | 100.5 | -233 | 3 | 0.27 |
| 4/13/2012 | 17:45:33 | 21.24 | 1.228 | 17.73 | 8.277 | 4.64 | 101 | -238 | 3 | 0.27 |
| 4/13/2012 | 17:50:33 | 21.24 | 1.228 | 17.73 | 8.279 | 4.63 | 101.2 | -241 | 3 | 0.27 |
| 4/13/2012 | 17:55:33 | 21.24 | 1.228 | 17.73 | 8.281 | 4.62 | 101.6 | -243 | 3 | 0.27 |
| 4/13/2012 | 18:00:33 | 21.24 | 1.228 | 17.73 | 8.282 | 4.62 | 101.9 | -245 | 3 | 0.27 |
| 4/13/2012 | 18:05:33 | 21.24 | 1.228 | 17.73 | 8.284 | 4.62 | 102.1 | -246 | 3 | 0.27 |
| 4/13/2012 | 18:10:33 | 21.24 | 1.228 | 17.73 | 8.284 | 4.61 | 102.2 | -247 | 3 | 0.27 |
| 4/13/2012 | 18:15:33 | 21.24 | 1.228 | 17.73 | 8.284 | 4.61 | 102.4 | -247 | 3 | 0.27 |
| 4/13/2012 | 18:20:33 | 21.24 | 1.228 | 17.73 | 8.283 | 4.61 | 102.4 | -247 | 3 | 0.27 |
| 4/13/2012 | 18:25:33 | 21.24 | 1.229 | 17.73 | 8.281 | 4.61 | 102.4 | -246 | 3 | 0.27 |
| 4/13/2012 | 18:30:33 | 21.24 | 1.229 | 17.73 | 8.279 | 4.61 | 102.2 | -248 | 3 | 0.27 |
| 4/13/2012 | 18:35:33 | 21.24 | 1.229 | 17.73 | 8.277 | 4.61 | 102.2 | -250 | 3 | 0.27 |
| 4/13/2012 | 18:40:33 | 21.24 | 1.229 | 17.73 | 8.278 | 4.61 | 102.4 | -249 | 3 | 0.27 |
| 4/13/2012 | 18:45:33 | 21.24 | 1.23 | 17.73 | 8.273 | 4.61 | 102.4 | -248 | 3 | 0.27 |
| 4/13/2012 | 18:50:33 | 21.24 | 1.23 | 17.73 | 8.272 | 4.61 | 102.4 | -249 | 3 | 0.27 |
| 4/13/2012 | 18:55:33 | 21.24 | 1.23 | 17.73 | 8.27 | 4.61 | 102.2 | -249 | 3 | 0.27 |
| 4/13/2012 | 19:00:33 | 21.24 | 1.231 | 17.73 | 8.267 | 4.61 | 102.2 | -249 | 3 | 0.27 |
| 4/13/2012 | 19:05:33 | 21.24 | 1.231 | 17.73 | 8.263 | 4.62 | 102.1 | -250 | 3 | 0.27 |
| 4/13/2012 | 19:10:33 | 21.24 | 1.23 | 17.72 | 8.26 | 4.62 | 101.9 | -250 | 3 | 0.27 |
| 4/13/2012 | 19:15:33 | 21.24 | 1.23 | 17.72 | 8.258 | 4.62 | 101.7 | -252 | 3 | 0.27 |
| 4/13/2012 | 19:20:33 | 21.24 | 1.231 | 17.72 | 8.257 | 4.62 | 101.6 | -254 | 3 | 0.27 |
| 4/13/2012 | 19:25:33 | 21.24 | 1.231 | 17.72 | 8.252 | 4.63 | 101.4 | -255 | 3 | 0.27 |
| 4/13/2012 | 19:30:33 | 21.24 | 1.231 | 17.72 | 8.249 | 4.63 | 101.3 | -255 | 3 | 0.27 |
| 4/13/2012 | 19:35:33 | 21.24 | 1.231 | 17.72 | 8.249 | 4.63 | 101.2 | -255 | 3 | 0.27 |
| 4/13/2012 | 19:40:33 | 21.24 | 1.232 | 17.72 | 8.244 | 4.64 | 101 | -236 | 3 | 0.27 |
| 4/13/2012 | 19:45:33 | 21.24 | 1.232 | 17.72 | 8.241 | 4.64 | 101 | -239 | 3 | 0.27 |
| 4/13/2012 | 19:50:33 | 21.24 | 1.232 | 17.71 | 8.238 | 4.64 | 100.8 | -243 | 3 | 0.27 |
| 4/13/2012 | 19:55:33 | 21.24 | 1.232 | 17.71 | 8.232 | 4.64 | 100.8 | -244 | 3 | 0.27 |
| 4/13/2012 | 20:00:33 | 21.24 | 1.232 | 17.71 | 8.231 | 4.64 | 100.7 | -246 | 3 | 0.27 |
| 4/13/2012 | 20:05:33 | 21.24 | 1.232 | 17.71 | 8.227 | 4.64 | 100.6 | -249 | 3 | 0.27 |
| 4/13/2012 | 20:10:33 | 21.24 | 1.233 | 17.71 | 8.222 | 4.64 | 100.5 | -249 | 3 | 0.27 |
| 4/13/2012 | 20:15:33 | 21.24 | 1.232 | 17.71 | 8.22 | 4.64 | 100.5 | -246 | 3 | 0.27 |
| 4/13/2012 | 20:20:33 | 21.24 | 1.232 | 17.71 | 8.218 | 4.64 | 100.5 | -246 | 3 | 0.27 |
| 4/13/2012 | 20:25:33 | 21.24 | 1.233 | 17.71 | 8.216 | 4.64 | 100.6 | -245 | 3 | 0.27 |
| 4/13/2012 | 20:30:33 | 21.24 | 1.233 | 17.7 | 8.213 | 4.64 | 100.8 | -244 | 3 | 0.27 |
| 4/13/2012 | 20:35:33 | 21.24 | 1.233 | 17.7 | 8.208 | 4.64 | 100.6 | -245 | 3 | 0.27 |
| 4/13/2012 | 20:40:33 | 21.24 | 1.233 | 17.7 | 8.205 | 4.64 | 100.6 | -246 | 3 | 0.27 |
| 4/13/2012 | 20:45:33 | 21.24 | 1.233 | 17.7 | 8.2 | 4.64 | 100.6 | -249 | 3 | 0.27 |
| 4/13/2012 | 20:50:33 | 21.24 | 1.233 | 17.7 | 8.198 | 4.64 | 100.6 | -247 | 3 | 0.27 |
| 4/13/2012 | 20:55:33 | 21.24 | 1.233 | 17.7 | 8.196 | 4.64 | 100.6 | -248 | 3 | 0.27 |
| 4/13/2012 | 21:00:33 | 21.24 | 1.233 | 17.7 | 8.193 | 4.64 | 100.6 | -244 | 3 | 0.27 |
| 4/13/2012 | 21:05:33 | 21.24 | 1.233 | 17.69 | 8.19 | 4.64 | 100.6 | -248 | 3 | 0.27 |
| 4/13/2012 | 21:10:33 | 21.24 | 1.233 | 17.69 | 8.187 | 4.64 | 100.5 | -246 | 3 | 0.27 |
| 4/13/2012 | 21:15:33 | 21.24 | 1.233 | 17.69 | 8.184 | 4.65 | 100.5 | -247 | 3 | 0.27 |
| 4/13/2012 | 21:20:33 | 21.25 | 1.233 | 17.69 | 8.181 | 4.65 | 100.3 | -242 | 3 | 0.27 |
| 4/13/2012 | 21:25:33 | 21.25 | 1.233 | 17.69 | 8.178 | 4.65 | 100.2 | -247 | 3 | 0.27 |
| 4/13/2012 | 21:30:33 | 21.24 | 1.233 | 17.69 | 8.177 | 4.65 | 100.1 | -243 | 3 | 0.27 |
| 4/13/2012 | 21:35:33 | 21.25 | 1.233 | 17.69 | 8.175 | 4.66 | 99.9 | -243 | 3 | 0.27 |
| 4/13/2012 | 21:40:33 | 21.25 | 1.233 | 17.69 | 8.171 | 4.66 | 99.9 | -245 | 3 | 0.27 |
| 4/13/2012 | 21:45:33 | 21.25 | 1.233 | 17.69 | 8.168 | 4.66 | 99.7 | -242 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/13/2012 | 21:50:33 | 21.25 | 1.233 | 17.68 | 8.165 | 4.66 | 99.5 | -244 | 3 | 0.27 |
| 4/13/2012 | 21:55:33 | 21.25 | 1.233 | 17.68 | 8.165 | 4.66 | 99.5 | -245 | 3 | 0.27 |
| 4/13/2012 | 22:00:33 | 21.25 | 1.233 | 17.68 | 8.162 | 4.66 | 99.4 | -245 | 3 | 0.27 |
| 4/13/2012 | 22:05:33 | 21.25 | 1.232 | 17.68 | 8.157 | 4.67 | 99.3 | -242 | 3 | 0.27 |
| 4/13/2012 | 22:10:33 | 21.25 | 1.232 | 17.68 | 8.156 | 4.67 | 99.1 | -243 | 3 | 0.27 |
| 4/13/2012 | 22:15:33 | 21.25 | 1.232 | 17.68 | 8.155 | 4.68 | 98.8 | -242 | 3 | 0.27 |
| 4/13/2012 | 22:20:33 | 21.25 | 1.232 | 17.68 | 8.153 | 4.68 | 98.6 | -244 | 3 | 0.26 |
| 4/13/2012 | 22:25:33 | 21.25 | 1.231 | 17.68 | 8.152 | 4.68 | 98.6 | -246 | 3 | 0.27 |
| 4/13/2012 | 22:30:33 | 21.25 | 1.231 | 17.68 | 8.149 | 4.68 | 98.5 | -246 | 3 | 0.27 |
| 4/13/2012 | 22:35:33 | 21.25 | 1.231 | 17.68 | 8.148 | 4.68 | 98.4 | -246 | 3 | 0.27 |
| 4/13/2012 | 22:40:33 | 21.25 | 1.231 | 17.68 | 8.147 | 4.68 | 98.4 | -248 | 3 | 0.27 |
| 4/13/2012 | 22:45:33 | 21.25 | 1.23 | 17.67 | 8.143 | 4.68 | 98.4 | -250 | 3 | 0.27 |
| 4/13/2012 | 22:50:33 | 21.25 | 1.23 | 17.67 | 8.139 | 4.68 | 98.3 | -252 | 3 | 0.27 |
| 4/13/2012 | 22:55:33 | 21.25 | 1.229 | 17.67 | 8.138 | 4.68 | 98.4 | -252 | 3 | 0.26 |
| 4/13/2012 | 23:00:33 | 21.25 | 1.229 | 17.67 | 8.138 | 4.68 | 98.4 | -253 | 3 | 0.26 |
| 4/13/2012 | 23:05:33 | 21.25 | 1.228 | 17.67 | 8.136 | 4.68 | 98.4 | -255 | 3 | 0.27 |
| 4/13/2012 | 23:10:33 | 21.25 | 1.228 | 17.67 | 8.134 | 4.68 | 98.5 | -257 | 3 | 0.26 |
| 4/13/2012 | 23:15:33 | 21.25 | 1.227 | 17.67 | 8.132 | 4.68 | 98.5 | -258 | 3 | 0.27 |
| 4/13/2012 | 23:20:33 | 21.25 | 1.227 | 17.67 | 8.131 | 4.68 | 98.4 | -258 | 3 | 0.27 |
| 4/13/2012 | 23:25:33 | 21.25 | 1.226 | 17.67 | 8.13 | 4.68 | 98.4 | -258 | 3 | 0.27 |
| 4/13/2012 | 23:30:33 | 21.25 | 1.226 | 17.67 | 8.13 | 4.68 | 98.4 | -258 | 3 | 0.27 |
| 4/13/2012 | 23:35:33 | 21.25 | 1.226 | 17.67 | 8.132 | 4.68 | 98.4 | -259 | 3 | 0.27 |
| 4/13/2012 | 23:40:33 | 21.25 | 1.226 | 17.67 | 8.129 | 4.69 | 98.2 | -260 | 3 | 0.27 |
| 4/13/2012 | 23:45:33 | 21.25 | 1.226 | 17.67 | 8.129 | 4.68 | 98.2 | -260 | 3 | 0.27 |
| 4/13/2012 | 23:50:33 | 21.25 | 1.226 | 17.67 | 8.13 | 4.68 | 98.7 | -260 | 3 | 0.27 |
| 4/13/2012 | 23:55:33 | 21.25 | 1.226 | 17.67 | 8.128 | 4.67 | 99 | -263 | 3 | 0.27 |
| 4/14/2012 | 0:00:33 | 21.25 | 1.226 | 17.67 | 8.127 | 4.67 | 99.3 | -264 | 3 | 0.27 |
| 4/14/2012 | 0:05:33 | 21.25 | 1.226 | 17.67 | 8.127 | 4.66 | 99.5 | -265 | 3 | 0.26 |
| 4/14/2012 | 0:10:33 | 21.25 | 1.226 | 17.67 | 8.125 | 4.66 | 99.9 | -266 | 3 | 0.27 |
| 4/14/2012 | 0:15:33 | 21.25 | 1.227 | 17.67 | 8.126 | 4.66 | 99.9 | -266 | 3 | 0.26 |
| 4/14/2012 | 0:20:33 | 21.25 | 1.227 | 17.67 | 8.124 | 4.66 | 99.9 | -266 | 3 | 0.27 |
| 4/14/2012 | 0:25:33 | 21.25 | 1.227 | 17.67 | 8.124 | 4.66 | 99.7 | -267 | 3 | 0.27 |
| 4/14/2012 | 0:30:33 | 21.25 | 1.227 | 17.67 | 8.124 | 4.65 | 99.9 | -267 | 3 | 0.27 |
| 4/14/2012 | 0:35:33 | 21.25 | 1.227 | 17.67 | 8.122 | 4.65 | 100.2 | -268 | 3 | 0.27 |
| 4/14/2012 | 0:40:33 | 21.25 | 1.227 | 17.67 | 8.122 | 4.65 | 100.4 | -267 | 3 | 0.26 |
| 4/14/2012 | 0:45:33 | 21.25 | 1.227 | 17.66 | 8.119 | 4.65 | 100.3 | -268 | 3 | 0.26 |
| 4/14/2012 | 0:50:33 | 21.25 | 1.227 | 17.66 | 8.118 | 4.65 | 100.1 | -269 | 3 | 0.26 |
| 4/14/2012 | 0:55:33 | 21.25 | 1.227 | 17.66 | 8.119 | 4.65 | 100.3 | -270 | 3 | 0.26 |
| 4/14/2012 | 1:00:33 | 21.25 | 1.227 | 17.66 | 8.121 | 4.65 | 100.2 | -270 | 3 | 0.26 |
| 4/14/2012 | 1:05:33 | 21.25 | 1.227 | 17.67 | 8.123 | 4.65 | 100.3 | -270 | 3 | 0.27 |
| 4/14/2012 | 1:10:33 | 21.25 | 1.227 | 17.66 | 8.122 | 4.65 | 100.3 | -271 | 3 | 0.26 |
| 4/14/2012 | 1:15:33 | 21.25 | 1.227 | 17.67 | 8.124 | 4.65 | 100.2 | -271 | 3 | 0.26 |
| 4/14/2012 | 1:20:33 | 21.25 | 1.227 | 17.67 | 8.125 | 4.65 | 100.2 | -271 | 3 | 0.27 |
| 4/14/2012 | 1:25:33 | 21.25 | 1.227 | 17.67 | 8.125 | 4.65 | 100.1 | -271 | 3 | 0.27 |
| 4/14/2012 | 1:30:33 | 21.25 | 1.227 | 17.67 | 8.126 | 4.65 | 100.2 | -272 | 3 | 0.27 |
| 4/14/2012 | 1:35:33 | 21.25 | 1.227 | 17.67 | 8.124 | 4.65 | 100.4 | -272 | 3 | 0.27 |
| 4/14/2012 | 1:40:33 | 21.25 | 1.227 | 17.67 | 8.126 | 4.64 | 100.6 | -273 | 3 | 0.27 |
| 4/14/2012 | 1:45:33 | 21.25 | 1.227 | 17.67 | 8.128 | 4.64 | 100.8 | -273 | 3 | 0.27 |
| 4/14/2012 | 1:50:33 | 21.25 | 1.227 | 17.67 | 8.127 | 4.63 | 101.1 | -273 | 3 | 0.27 |
| 4/14/2012 | 1:55:33 | 21.25 | 1.227 | 17.67 | 8.125 | 4.63 | 101.3 | -273 | 3 | 0.27 |
| 4/14/2012 | 2:00:33 | 21.25 | 1.227 | 17.67 | 8.126 | 4.63 | 101.3 | -273 | 3 | 0.27 |
| 4/14/2012 | 2:05:33 | 21.25 | 1.227 | 17.67 | 8.126 | 4.63 | 101.3 | -273 | 3 | 0.27 |
| 4/14/2012 | 2:10:33 | 21.25 | 1.227 | 17.67 | 8.129 | 4.63 | 101.4 | -274 | 3 | 0.27 |
| 4/14/2012 | 2:15:33 | 21.25 | 1.227 | 17.67 | 8.128 | 4.62 | 101.7 | -274 | 3 | 0.26 |
| 4/14/2012 | 2:20:33 | 21.25 | 1.228 | 17.67 | 8.129 | 4.62 | 101.7 | -274 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 2:25:33 | 21.25 | 1.228 | 17.67 | 8.132 | 4.62 | 101.9 | -275 | 3 | 0.26 |
| 4/14/2012 | 2:30:33 | 21.25 | 1.228 | 17.67 | 8.135 | 4.62 | 101.9 | -275 | 3 | 0.27 |
| 4/14/2012 | 2:35:33 | 21.25 | 1.228 | 17.67 | 8.137 | 4.62 | 101.8 | -275 | 3 | 0.27 |
| 4/14/2012 | 2:40:33 | 21.25 | 1.228 | 17.67 | 8.139 | 4.62 | 101.7 | -275 | 3 | 0.27 |
| 4/14/2012 | 2:45:33 | 21.25 | 1.228 | 17.67 | 8.143 | 4.63 | 101.5 | -275 | 3 | 0.27 |
| 4/14/2012 | 2:50:33 | 21.25 | 1.228 | 17.67 | 8.145 | 4.63 | 101.3 | -275 | 3 | 0.27 |
| 4/14/2012 | 2:55:33 | 21.25 | 1.228 | 17.68 | 8.147 | 4.63 | 101.1 | -275 | 3 | 0.27 |
| 4/14/2012 | 3:00:33 | 21.25 | 1.228 | 17.68 | 8.15 | 4.64 | 101 | -276 | 3 | 0.27 |
| 4/14/2012 | 3:05:33 | 21.25 | 1.228 | 17.68 | 8.152 | 4.64 | 100.9 | -276 | 3 | 0.27 |
| 4/14/2012 | 3:10:33 | 21.25 | 1.229 | 17.68 | 8.156 | 4.64 | 100.8 | -276 | 3 | 0.26 |
| 4/14/2012 | 3:15:33 | 21.25 | 1.229 | 17.68 | 8.159 | 4.64 | 100.7 | -276 | 3 | 0.26 |
| 4/14/2012 | 3:20:33 | 21.25 | 1.229 | 17.68 | 8.165 | 4.64 | 100.7 | -277 | 3 | 0.26 |
| 4/14/2012 | 3:25:33 | 21.25 | 1.229 | 17.68 | 8.165 | 4.64 | 100.7 | -277 | 3 | 0.26 |
| 4/14/2012 | 3:30:33 | 21.25 | 1.229 | 17.69 | 8.17 | 4.64 | 100.6 | -277 | 3 | 0.27 |
| 4/14/2012 | 3:35:33 | 21.25 | 1.229 | 17.69 | 8.173 | 4.64 | 100.6 | -277 | 3 | 0.27 |
| 4/14/2012 | 3:40:33 | 21.25 | 1.23 | 17.69 | 8.176 | 4.64 | 100.7 | -278 | 3 | 0.26 |
| 4/14/2012 | 3:45:33 | 21.25 | 1.23 | 17.69 | 8.181 | 4.64 | 100.7 | -278 | 3 | 0.27 |
| 4/14/2012 | 3:50:33 | 21.25 | 1.23 | 17.69 | 8.188 | 4.64 | 100.8 | -278 | 3 | 0.26 |
| 4/14/2012 | 3:55:33 | 21.25 | 1.23 | 17.7 | 8.192 | 4.64 | 100.9 | -278 | 3 | 0.26 |
| 4/14/2012 | 4:00:33 | 21.25 | 1.23 | 17.7 | 8.196 | 4.64 | 101 | -279 | 3 | 0.27 |
| 4/14/2012 | 4:05:33 | 21.26 | 1.23 | 17.7 | 8.2 | 4.63 | 101.2 | -279 | 3 | 0.27 |
| 4/14/2012 | 4:10:33 | 21.26 | 1.231 | 17.7 | 8.205 | 4.63 | 101.3 | -279 | 3 | 0.27 |
| 4/14/2012 | 4:15:33 | 21.26 | 1.231 | 17.7 | 8.207 | 4.63 | 101.4 | -279 | 3 | 0.26 |
| 4/14/2012 | 4:20:33 | 21.26 | 1.231 | 17.7 | 8.21 | 4.63 | 101.4 | -279 | 3 | 0.27 |
| 4/14/2012 | 4:25:33 | 21.26 | 1.232 | 17.7 | 8.213 | 4.63 | 101.4 | -280 | 3 | 0.27 |
| 4/14/2012 | 4:30:33 | 21.26 | 1.232 | 17.71 | 8.219 | 4.63 | 101.4 | -280 | 3 | 0.27 |
| 4/14/2012 | 4:35:33 | 21.26 | 1.232 | 17.71 | 8.226 | 4.63 | 101.4 | -280 | 3 | 0.27 |
| 4/14/2012 | 4:40:33 | 21.26 | 1.232 | 17.71 | 8.229 | 4.63 | 101.5 | -280 | 3 | 0.27 |
| 4/14/2012 | 4:45:33 | 21.26 | 1.232 | 17.71 | 8.231 | 4.63 | 101.4 | -280 | 3 | 0.27 |
| 4/14/2012 | 4:50:33 | 21.26 | 1.233 | 17.71 | 8.236 | 4.63 | 101.6 | -280 | 3 | 0.27 |
| 4/14/2012 | 4:55:33 | 21.26 | 1.233 | 17.72 | 8.242 | 4.62 | 101.7 | -280 | 3 | 0.27 |
| 4/14/2012 | 5:00:33 | 21.26 | 1.233 | 17.72 | 8.248 | 4.62 | 101.8 | -280 | 3 | 0.27 |
| 4/14/2012 | 5:05:33 | 21.26 | 1.234 | 17.72 | 8.254 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:10:33 | 21.26 | 1.234 | 17.73 | 8.262 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:15:33 | 21.26 | 1.235 | 17.73 | 8.27 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:20:33 | 21.26 | 1.236 | 17.73 | 8.276 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:25:33 | 21.26 | 1.236 | 17.73 | 8.282 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:30:33 | 21.26 | 1.236 | 17.74 | 8.287 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:35:33 | 21.26 | 1.237 | 17.74 | 8.292 | 4.62 | 101.9 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:40:33 | 21.26 | 1.237 | 17.74 | 8.298 | 4.62 | 102 | -281 | 3 | 0.27 |
| 4/14/2012 | 5:45:33 | 21.26 | 1.238 | 17.74 | 8.305 | 4.62 | 101.9 | -282 | 3 | 0.27 |
| 4/14/2012 | 5:50:33 | 21.26 | 1.238 | 17.75 | 8.31 | 4.62 | 101.9 | -282 | 3 | 0.27 |
| 4/14/2012 | 5:55:33 | 21.26 | 1.239 | 17.75 | 8.316 | 4.62 | 102.1 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:00:33 | 21.26 | 1.239 | 17.75 | 8.32 | 4.61 | 102.2 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:05:33 | 21.26 | 1.24 | 17.75 | 8.326 | 4.61 | 102.2 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:10:33 | 21.26 | 1.241 | 17.76 | 8.333 | 4.61 | 102.2 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:15:33 | 21.26 | 1.241 | 17.76 | 8.334 | 4.61 | 102.3 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:20:33 | 21.26 | 1.242 | 17.76 | 8.339 | 4.61 | 102.2 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:25:33 | 21.26 | 1.242 | 17.76 | 8.343 | 4.61 | 102.5 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:30:33 | 21.26 | 1.242 | 17.76 | 8.347 | 4.6 | 103 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:35:33 | 21.26 | 1.242 | 17.76 | 8.346 | 4.6 | 103.1 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:40:33 | 21.26 | 1.243 | 17.76 | 8.351 | 4.59 | 103.3 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:45:33 | 21.26 | 1.243 | 17.76 | 8.351 | 4.59 | 103.4 | -283 | 3 | 0.27 |
| 4/14/2012 | 6:50:33 | 21.26 | 1.243 | 17.76 | 8.351 | 4.59 | 103.4 | -282 | 3 | 0.27 |
| 4/14/2012 | 6:55:33 | 21.26 | 1.244 | 17.77 | 8.354 | 4.59 | 103.5 | -282 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 7:00:33 | 21.26 | 1.244 | 17.77 | 8.354 | 4.59 | 103.5 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:05:33 | 21.26 | 1.244 | 17.76 | 8.352 | 4.59 | 103.5 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:10:33 | 21.26 | 1.244 | 17.76 | 8.35 | 4.59 | 103.5 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:15:33 | 21.26 | 1.245 | 17.76 | 8.352 | 4.59 | 103.4 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:20:33 | 21.26 | 1.245 | 17.76 | 8.35 | 4.59 | 103.3 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:25:33 | 21.26 | 1.245 | 17.76 | 8.351 | 4.6 | 103.3 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:30:33 | 21.26 | 1.245 | 17.76 | 8.35 | 4.59 | 103.3 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:35:33 | 21.26 | 1.245 | 17.76 | 8.347 | 4.59 | 103.3 | -283 | 3 | 0.27 |
| 4/14/2012 | 7:40:33 | 21.26 | 1.245 | 17.76 | 8.343 | 4.59 | 103.5 | -284 | 3 | 0.27 |
| 4/14/2012 | 7:45:33 | 21.26 | 1.245 | 17.76 | 8.34 | 4.59 | 103.5 | -284 | 3 | 0.27 |
| 4/14/2012 | 7:50:33 | 21.26 | 1.246 | 17.76 | 8.335 | 4.59 | 103.5 | -284 | 3 | 0.27 |
| 4/14/2012 | 7:55:33 | 21.26 | 1.246 | 17.76 | 8.333 | 4.59 | 103.5 | -284 | 3 | 0.27 |
| 4/14/2012 | 8:00:33 | 21.26 | 1.246 | 17.75 | 8.327 | 4.59 | 103.4 | -284 | 3 | 0.27 |
| 4/14/2012 | 8:05:33 | 21.26 | 1.246 | 17.75 | 8.324 | 4.6 | 103.1 | -284 | 3 | 0.27 |
| 4/14/2012 | 8:10:33 | 21.26 | 1.246 | 17.75 | 8.32 | 4.6 | 103.1 | -284 | 3 | 0.27 |
| 4/14/2012 | 8:15:33 | 21.26 | 1.247 | 17.75 | 8.317 | 4.6 | 103.1 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:20:33 | 21.26 | 1.246 | 17.75 | 8.311 | 4.6 | 103.2 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:25:33 | 21.26 | 1.246 | 17.74 | 8.304 | 4.6 | 103.3 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:30:33 | 21.26 | 1.247 | 17.74 | 8.3 | 4.6 | 103.3 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:35:33 | 21.26 | 1.247 | 17.74 | 8.297 | 4.6 | 103.1 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:40:33 | 21.26 | 1.247 | 17.74 | 8.296 | 4.6 | 103.1 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:45:33 | 21.26 | 1.247 | 17.74 | 8.295 | 4.6 | 103.1 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:50:33 | 21.26 | 1.247 | 17.74 | 8.293 | 4.6 | 103 | -285 | 3 | 0.27 |
| 4/14/2012 | 8:55:33 | 21.26 | 1.247 | 17.74 | 8.289 | 4.6 | 102.9 | -285 | 3 | 0.27 |
| 4/14/2012 | 9:00:33 | 21.26 | 1.248 | 17.73 | 8.284 | 4.6 | 103 | -286 | 3 | 0.27 |
| 4/14/2012 | 9:05:33 | 21.26 | 1.248 | 17.73 | 8.278 | 4.6 | 102.9 | -286 | 3 | 0.27 |
| 4/14/2012 | 9:10:33 | 21.26 | 1.248 | 17.73 | 8.274 | 4.6 | 102.8 | -286 | 3 | 0.27 |
| 4/14/2012 | 9:15:33 | 21.26 | 1.248 | 17.73 | 8.27 | 4.6 | 102.7 | -286 | 3 | 0.27 |
| 4/14/2012 | 9:20:33 | 21.26 | 1.248 | 17.73 | 8.266 | 4.61 | 102.6 | -286 | 3 | 0.27 |
| 4/14/2012 | 9:25:33 | 21.26 | 1.248 | 17.73 | 8.262 | 4.61 | 102.5 | -287 | 3 | 0.27 |
| 4/14/2012 | 9:30:33 | 21.26 | 1.248 | 17.72 | 8.258 | 4.61 | 102.5 | -287 | 3 | 0.27 |
| 4/14/2012 | 9:35:33 | 21.26 | 1.248 | 17.72 | 8.257 | 4.61 | 102.7 | -287 | 3 | 0.27 |
| 4/14/2012 | 9:40:33 | 21.26 | 1.248 | 17.72 | 8.253 | 4.61 | 102.6 | -287 | 3 | 0.27 |
| 4/14/2012 | 9:45:33 | 21.26 | 1.248 | 17.72 | 8.25 | 4.61 | 102.7 | -287 | 3 | 0.27 |
| 4/14/2012 | 9:50:33 | 21.26 | 1.248 | 17.72 | 8.248 | 4.6 | 102.8 | -287 | 3 | 0.27 |
| 4/14/2012 | 9:55:33 | 21.26 | 1.248 | 17.72 | 8.241 | 4.6 | 103 | -287 | 3 | 0.27 |
| 4/14/2012 | 10:00:33 | 21.26 | 1.249 | 17.72 | 8.24 | 4.6 | 102.9 | -287 | 3 | 0.27 |
| 4/14/2012 | 10:05:33 | 21.26 | 1.249 | 17.71 | 8.236 | 4.6 | 103 | -287 | 3 | 0.27 |
| 4/14/2012 | 10:10:33 | 21.26 | 1.249 | 17.71 | 8.234 | 4.6 | 103.1 | -287 | 3 | 0.27 |
| 4/14/2012 | 10:15:33 | 21.26 | 1.249 | 17.71 | 8.23 | 4.6 | 103.1 | -287 | 3 | 0.27 |
| 4/14/2012 | 10:20:33 | 21.26 | 1.25 | 17.71 | 8.226 | 4.6 | 103.1 | -287 | 3 | 0.27 |
| 4/14/2012 | 10:25:33 | 21.26 | 1.249 | 17.71 | 8.223 | 4.6 | 103.2 | -288 | 3 | 0.27 |
| 4/14/2012 | 10:30:33 | 21.26 | 1.249 | 17.71 | 8.22 | 4.6 | 103.3 | -288 | 3 | 0.27 |
| 4/14/2012 | 10:35:33 | 21.27 | 1.25 | 17.71 | 8.22 | 4.6 | 103.2 | -288 | 3 | 0.27 |
| 4/14/2012 | 10:40:33 | 21.27 | 1.249 | 17.7 | 8.213 | 4.6 | 103.2 | -288 | 3 | 0.27 |
| 4/14/2012 | 10:45:33 | 21.27 | 1.249 | 17.7 | 8.212 | 4.6 | 103.1 | -288 | 3 | 0.27 |
| 4/14/2012 | 10:50:33 | 21.27 | 1.249 | 17.7 | 8.21 | 4.6 | 103.1 | -288 | 3 | 0.27 |
| 4/14/2012 | 10:55:33 | 21.27 | 1.249 | 17.7 | 8.207 | 4.6 | 103 | -288 | 3 | 0.27 |
| 4/14/2012 | 11:00:33 | 21.27 | 1.249 | 17.7 | 8.204 | 4.6 | 102.8 | -288 | 3 | 0.27 |
| 4/14/2012 | 11:05:33 | 21.27 | 1.249 | 17.7 | 8.204 | 4.6 | 102.7 | -288 | 3 | 0.26 |
| 4/14/2012 | 11:10:33 | 21.27 | 1.249 | 17.7 | 8.202 | 4.61 | 102.6 | -288 | 3 | 0.26 |
| 4/14/2012 | 11:15:33 | 21.27 | 1.249 | 17.7 | 8.2 | 4.61 | 102.5 | -288 | 3 | 0.26 |
| 4/14/2012 | 11:20:33 | 21.27 | 1.248 | 17.7 | 8.193 | 4.61 | 102.5 | -288 | 3 | 0.26 |
| 4/14/2012 | 11:25:33 | 21.27 | 1.248 | 17.7 | 8.194 | 4.61 | 102.4 | -288 | 3 | 0.27 |
| 4/14/2012 | 11:30:33 | 21.27 | 1.248 | 17.69 | 8.192 | 4.61 | 102.2 | -289 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 11:35:33 | 21.27 | 1.248 | 17.69 | 8.189 | 4.62 | 102.1 | -289 | 3 | 0.26 |
| 4/14/2012 | 11:40:33 | 21.27 | 1.248 | 17.69 | 8.186 | 4.62 | 102 | -289 | 3 | 0.26 |
| 4/14/2012 | 11:45:33 | 21.27 | 1.248 | 17.69 | 8.184 | 4.62 | 101.9 | -289 | 3 | 0.26 |
| 4/14/2012 | 11:50:33 | 21.27 | 1.247 | 17.69 | 8.182 | 4.63 | 101.6 | -289 | 3 | 0.26 |
| 4/14/2012 | 11:55:33 | 21.27 | 1.247 | 17.69 | 8.179 | 4.63 | 101.4 | -289 | 3 | 0.26 |
| 4/14/2012 | 12:00:33 | 21.27 | 1.247 | 17.69 | 8.179 | 4.63 | 101.3 | -289 | 3 | 0.26 |
| 4/14/2012 | 12:05:33 | 21.27 | 1.246 | 17.69 | 8.175 | 4.63 | 101.3 | -289 | 3 | 0.26 |
| 4/14/2012 | 12:10:33 | 21.27 | 1.246 | 17.69 | 8.175 | 4.63 | 101.4 | -289 | 3 | 0.26 |
| 4/14/2012 | 12:15:33 | 21.27 | 1.246 | 17.69 | 8.173 | 4.63 | 101.3 | -289 | 3 | 0.26 |
| 4/14/2012 | 12:20:33 | 21.27 | 1.245 | 17.69 | 8.173 | 4.63 | 101.4 | -289 | 3 | 0.26 |
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| 4/14/2012 | 12:30:33 | 21.27 | 1.244 | 17.69 | 8.17 | 4.63 | 101.2 | -289 | 3 | 0.26 |
| 4/14/2012 | 12:35:33 | 21.27 | 1.244 | 17.69 | 8.173 | 4.63 | 101.4 | -289 | 3 | 0.27 |
| 4/14/2012 | 12:40:33 | 21.27 | 1.244 | 17.69 | 8.17 | 4.63 | 101.4 | -289 | 3 | 0.27 |
| 4/14/2012 | 12:45:33 | 21.27 | 1.244 | 17.68 | 8.166 | 4.63 | 101.3 | -290 | 3 | 0.26 |
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| 4/14/2012 | 12:55:33 | 21.27 | 1.244 | 17.68 | 8.163 | 4.63 | 101.5 | -290 | 3 | 0.26 |
| 4/14/2012 | 13:00:33 | 21.27 | 1.244 | 17.68 | 8.164 | 4.62 | 101.6 | -290 | 3 | 0.26 |
| 4/14/2012 | 13:05:33 | 21.27 | 1.244 | 17.68 | 8.16 | 4.62 | 101.7 | -290 | 3 | 0.26 |
| 4/14/2012 | 13:10:33 | 21.27 | 1.244 | 17.68 | 8.16 | 4.62 | 101.6 | -290 | 3 | 0.26 |
| 4/14/2012 | 13:15:33 | 21.27 | 1.244 | 17.68 | 8.16 | 4.62 | 101.7 | -290 | 3 | 0.26 |
| 4/14/2012 | 13:20:33 | 21.27 | 1.244 | 17.68 | 8.158 | 4.62 | 101.9 | -290 | 3 | 0.26 |
| 4/14/2012 | 13:25:33 | 21.27 | 1.244 | 17.68 | 8.158 | 4.62 | 102.1 | -290 | 3 | 0.27 |
| 4/14/2012 | 13:30:33 | 21.27 | 1.244 | 17.68 | 8.157 | 4.61 | 102.2 | -291 | 3 | 0.26 |
| 4/14/2012 | 13:35:33 | 21.27 | 1.244 | 17.68 | 8.157 | 4.61 | 102.2 | -291 | 3 | 0.26 |
| 4/14/2012 | 13:40:33 | 21.27 | 1.244 | 17.68 | 8.155 | 4.61 | 102.2 | -291 | 3 | 0.27 |
| 4/14/2012 | 13:45:33 | 21.27 | 1.244 | 17.68 | 8.155 | 4.61 | 102.4 | -291 | 3 | 0.26 |
| 4/14/2012 | 13:50:33 | 21.27 | 1.243 | 17.68 | 8.154 | 4.62 | 102 | -291 | 3 | 0.26 |
| 4/14/2012 | 13:55:33 | 21.27 | 1.244 | 17.68 | 8.155 | 4.62 | 101.6 | -292 | 3 | 0.26 |
| 4/14/2012 | 14:00:33 | 21.27 | 1.243 | 17.68 | 8.154 | 4.63 | 101.3 | -292 | 3 | 0.26 |
| 4/14/2012 | 14:05:33 | 21.27 | 1.243 | 17.68 | 8.154 | 4.63 | 101.1 | -292 | 3 | 0.27 |
| 4/14/2012 | 14:10:33 | 21.27 | 1.243 | 17.68 | 8.153 | 4.64 | 101 | -292 | 3 | 0.26 |
| 4/14/2012 | 14:15:33 | 21.27 | 1.243 | 17.68 | 8.152 | 4.64 | 100.8 | -292 | 3 | 0.26 |
| 4/14/2012 | 14:20:33 | 21.27 | 1.243 | 17.68 | 8.155 | 4.64 | 100.8 | -292 | 3 | 0.27 |
| 4/14/2012 | 14:25:33 | 21.27 | 1.244 | 17.68 | 8.15 | 4.64 | 100.7 | -293 | 3 | 0.27 |
| 4/14/2012 | 14:30:33 | 21.27 | 1.244 | 17.68 | 8.152 | 4.64 | 100.8 | -293 | 3 | 0.26 |
| 4/14/2012 | 14:35:33 | 21.27 | 1.244 | 17.68 | 8.147 | 4.64 | 100.7 | -293 | 3 | 0.27 |
| 4/14/2012 | 14:40:33 | 21.27 | 1.244 | 17.68 | 8.151 | 4.64 | 100.8 | -293 | 3 | 0.27 |
| 4/14/2012 | 14:45:33 | 21.27 | 1.244 | 17.68 | 8.151 | 4.64 | 100.9 | -293 | 3 | 0.27 |
| 4/14/2012 | 14:50:33 | 21.27 | 1.244 | 17.68 | 8.153 | 4.64 | 100.8 | -294 | 3 | 0.27 |
| 4/14/2012 | 14:55:33 | 21.27 | 1.244 | 17.68 | 8.153 | 4.64 | 100.8 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:00:33 | 21.27 | 1.244 | 17.68 | 8.153 | 4.64 | 100.6 | -294 | 3 | 0.26 |
| 4/14/2012 | 15:05:33 | 21.27 | 1.244 | 17.68 | 8.152 | 4.64 | 100.6 | -294 | 3 | 0.26 |
| 4/14/2012 | 15:10:33 | 21.27 | 1.244 | 17.68 | 8.155 | 4.64 | 100.7 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:15:33 | 21.27 | 1.244 | 17.68 | 8.154 | 4.64 | 101 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:20:33 | 21.27 | 1.244 | 17.68 | 8.155 | 4.63 | 101.3 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:25:33 | 21.27 | 1.244 | 17.68 | 8.158 | 4.63 | 101.6 | -294 | 3 | 0.26 |
| 4/14/2012 | 15:30:33 | 21.27 | 1.244 | 17.68 | 8.157 | 4.62 | 101.7 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:35:33 | 21.27 | 1.244 | 17.68 | 8.157 | 4.61 | 102.3 | -294 | 3 | 0.26 |
| 4/14/2012 | 15:40:33 | 21.27 | 1.245 | 17.68 | 8.159 | 4.62 | 102.1 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:45:33 | 21.27 | 1.245 | 17.68 | 8.16 | 4.61 | 102.4 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:50:33 | 21.27 | 1.245 | 17.68 | 8.159 | 4.6 | 102.8 | -294 | 3 | 0.27 |
| 4/14/2012 | 15:55:33 | 21.27 | 1.245 | 17.68 | 8.162 | 4.6 | 102.8 | -294 | 3 | 0.27 |
| 4/14/2012 | 16:00:33 | 21.27 | 1.245 | 17.68 | 8.165 | 4.6 | 103 | -295 | 3 | 0.26 |
| 4/14/2012 | 16:05:33 | 21.27 | 1.245 | 17.68 | 8.166 | 4.6 | 103 | -295 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 16:10:33 | 21.27 | 1.245 | 17.69 | 8.17 | 4.6 | 103.1 | -295 | 3 | 0.26 |
| 4/14/2012 | 16:15:33 | 21.27 | 1.245 | 17.69 | 8.171 | 4.6 | 103.1 | -295 | 3 | 0.27 |
| 4/14/2012 | 16:20:33 | 21.27 | 1.246 | 17.69 | 8.175 | 4.6 | 103.1 | -295 | 3 | 0.27 |
| 4/14/2012 | 16:25:33 | 21.27 | 1.245 | 17.69 | 8.177 | 4.6 | 103.1 | -295 | 3 | 0.26 |
| 4/14/2012 | 16:30:33 | 21.27 | 1.245 | 17.69 | 8.176 | 4.6 | 103 | -295 | 3 | 0.27 |
| 4/14/2012 | 16:35:33 | 21.27 | 1.245 | 17.69 | 8.179 | 4.6 | 103 | -295 | 3 | 0.27 |
| 4/14/2012 | 16:40:33 | 21.27 | 1.245 | 17.69 | 8.182 | 4.6 | 103 | -295 | 3 | 0.27 |
| 4/14/2012 | 16:45:33 | 21.27 | 1.246 | 17.69 | 8.186 | 4.6 | 103 | -296 | 3 | 0.27 |
| 4/14/2012 | 16:50:33 | 21.27 | 1.246 | 17.69 | 8.189 | 4.6 | 102.9 | -296 | 3 | 0.27 |
| 4/14/2012 | 16:55:33 | 21.27 | 1.246 | 17.7 | 8.194 | 4.6 | 103 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:00:33 | 21.27 | 1.246 | 17.7 | 8.193 | 4.6 | 103.2 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:05:33 | 21.27 | 1.246 | 17.7 | 8.198 | 4.6 | 103.1 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:10:33 | 21.27 | 1.246 | 17.7 | 8.198 | 4.6 | 103 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:15:33 | 21.27 | 1.246 | 17.7 | 8.201 | 4.6 | 103.3 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:20:33 | 21.27 | 1.246 | 17.7 | 8.206 | 4.6 | 103.3 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:25:33 | 21.27 | 1.246 | 17.7 | 8.208 | 4.59 | 103.4 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:30:33 | 21.27 | 1.246 | 17.7 | 8.211 | 4.59 | 103.5 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:35:33 | 21.27 | 1.247 | 17.71 | 8.216 | 4.59 | 103.6 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:40:33 | 21.27 | 1.247 | 17.71 | 8.218 | 4.59 | 103.7 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:45:33 | 21.27 | 1.247 | 17.71 | 8.217 | 4.59 | 103.8 | -296 | 3 | 0.27 |
| 4/14/2012 | 17:50:33 | 21.27 | 1.247 | 17.71 | 8.223 | 4.58 | 103.9 | -296 | 3 | 0.26 |
| 4/14/2012 | 17:55:33 | 21.27 | 1.247 | 17.71 | 8.225 | 4.58 | 103.9 | -296 | 3 | 0.27 |
| 4/14/2012 | 18:00:33 | 21.28 | 1.247 | 17.71 | 8.227 | 4.58 | 103.9 | -296 | 3 | 0.27 |
| 4/14/2012 | 18:05:33 | 21.28 | 1.248 | 17.71 | 8.231 | 4.58 | 103.9 | -296 | 3 | 0.27 |
| 4/14/2012 | 18:10:33 | 21.28 | 1.248 | 17.71 | 8.232 | 4.58 | 103.9 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:15:33 | 21.28 | 1.247 | 17.71 | 8.237 | 4.58 | 104 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:20:33 | 21.28 | 1.248 | 17.71 | 8.238 | 4.58 | 104.1 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:25:33 | 21.28 | 1.248 | 17.72 | 8.24 | 4.58 | 104.2 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:30:33 | 21.28 | 1.248 | 17.72 | 8.241 | 4.58 | 104.3 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:35:33 | 21.28 | 1.248 | 17.72 | 8.243 | 4.58 | 104.3 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:40:33 | 21.28 | 1.248 | 17.72 | 8.245 | 4.58 | 104.4 | -297 | 3 | 0.26 |
| 4/14/2012 | 18:45:33 | 21.28 | 1.248 | 17.72 | 8.245 | 4.58 | 104.4 | -297 | 3 | 0.26 |
| 4/14/2012 | 18:50:33 | 21.28 | 1.248 | 17.72 | 8.246 | 4.58 | 104.4 | -297 | 3 | 0.27 |
| 4/14/2012 | 18:55:33 | 21.28 | 1.248 | 17.72 | 8.248 | 4.57 | 104.5 | -297 | 3 | 0.27 |
| 4/14/2012 | 19:00:33 | 21.28 | 1.248 | 17.72 | 8.248 | 4.57 | 104.6 | -297 | 3 | 0.27 |
| 4/14/2012 | 19:05:33 | 21.28 | 1.248 | 17.72 | 8.248 | 4.57 | 104.7 | -297 | 3 | 0.27 |
| 4/14/2012 | 19:10:33 | 21.28 | 1.248 | 17.72 | 8.248 | 4.57 | 104.7 | -297 | 3 | 0.27 |
| 4/14/2012 | 19:15:33 | 21.28 | 1.249 | 17.72 | 8.248 | 4.57 | 104.8 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:20:33 | 21.28 | 1.249 | 17.72 | 8.247 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:25:33 | 21.28 | 1.249 | 17.72 | 8.245 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:30:33 | 21.28 | 1.249 | 17.72 | 8.244 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:35:33 | 21.28 | 1.249 | 17.72 | 8.242 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:40:33 | 21.28 | 1.249 | 17.72 | 8.24 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:45:33 | 21.28 | 1.249 | 17.71 | 8.237 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:50:33 | 21.28 | 1.25 | 17.71 | 8.236 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 19:55:33 | 21.28 | 1.25 | 17.71 | 8.232 | 4.57 | 104.9 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:00:33 | 21.28 | 1.25 | 17.71 | 8.23 | 4.57 | 104.7 | -298 | 3 | 0.26 |
| 4/14/2012 | 20:05:33 | 21.28 | 1.25 | 17.71 | 8.225 | 4.57 | 104.7 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:10:33 | 21.28 | 1.25 | 17.71 | 8.223 | 4.57 | 104.7 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:15:33 | 21.28 | 1.25 | 17.71 | 8.221 | 4.57 | 104.7 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:20:33 | 21.28 | 1.25 | 17.71 | 8.217 | 4.57 | 104.7 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:25:33 | 21.28 | 1.251 | 17.71 | 8.215 | 4.57 | 104.8 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:30:33 | 21.28 | 1.251 | 17.7 | 8.211 | 4.57 | 104.7 | -298 | 3 | 0.27 |
| 4/14/2012 | 20:35:33 | 21.28 | 1.251 | 17.7 | 8.208 | 4.57 | 104.7 | -299 | 3 | 0.27 |
| 4/14/2012 | 20:40:33 | 21.28 | 1.251 | 17.7 | 8.207 | 4.57 | 104.7 | -299 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/14/2012 | 20:45:33 | 21.28 | 1.251 | 17.7 | 8.201 | 4.57 | 104.8 | -299 | 3 | 0.27 |
| 4/14/2012 | 20:50:33 | 21.28 | 1.251 | 17.7 | 8.2 | 4.57 | 104.9 | -299 | 3 | 0.27 |
| 4/14/2012 | 20:55:33 | 21.28 | 1.251 | 17.7 | 8.195 | 4.57 | 104.8 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:00:33 | 21.28 | 1.251 | 17.7 | 8.192 | 4.57 | 104.7 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:05:33 | 21.28 | 1.251 | 17.69 | 8.188 | 4.57 | 104.8 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:10:33 | 21.28 | 1.251 | 17.69 | 8.185 | 4.57 | 104.7 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:15:33 | 21.28 | 1.252 | 17.69 | 8.182 | 4.57 | 104.7 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:20:33 | 21.28 | 1.252 | 17.69 | 8.178 | 4.57 | 104.8 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:25:33 | 21.28 | 1.252 | 17.69 | 8.173 | 4.57 | 104.8 | -299 | 3 | 0.27 |
| 4/14/2012 | 21:30:33 | 21.28 | 1.252 | 17.69 | 8.171 | 4.57 | 104.8 | -300 | 3 | 0.27 |
| 4/14/2012 | 21:35:33 | 21.28 | 1.252 | 17.68 | 8.168 | 4.57 | 104.9 | -300 | 3 | 0.26 |
| 4/14/2012 | 21:40:33 | 21.28 | 1.252 | 17.68 | 8.165 | 4.57 | 104.9 | -300 | 3 | 0.27 |
| 4/14/2012 | 21:45:33 | 21.28 | 1.252 | 17.68 | 8.159 | 4.57 | 104.9 | -300 | 3 | 0.27 |
| 4/14/2012 | 21:50:33 | 21.28 | 1.252 | 17.68 | 8.157 | 4.56 | 105 | -300 | 3 | 0.27 |
| 4/14/2012 | 21:55:33 | 21.28 | 1.252 | 17.68 | 8.155 | 4.56 | 105 | -300 | 3 | 0.27 |
| 4/14/2012 | 22:00:33 | 21.28 | 1.252 | 17.68 | 8.152 | 4.57 | 105 | -300 | 3 | 0.26 |
| 4/14/2012 | 22:05:33 | 21.28 | 1.252 | 17.68 | 8.148 | 4.57 | 104.9 | -301 | 3 | 0.27 |
| 4/14/2012 | 22:10:33 | 21.28 | 1.253 | 17.67 | 8.146 | 4.57 | 104.9 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:15:33 | 21.28 | 1.252 | 17.67 | 8.142 | 4.57 | 104.9 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:20:33 | 21.28 | 1.252 | 17.67 | 8.138 | 4.57 | 104.9 | -301 | 3 | 0.27 |
| 4/14/2012 | 22:25:33 | 21.28 | 1.252 | 17.67 | 8.135 | 4.57 | 104.7 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:30:33 | 21.29 | 1.252 | 17.67 | 8.132 | 4.57 | 104.7 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:35:33 | 21.29 | 1.252 | 17.67 | 8.13 | 4.57 | 104.5 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:40:33 | 21.29 | 1.252 | 17.67 | 8.127 | 4.57 | 104.4 | -301 | 3 | 0.27 |
| 4/14/2012 | 22:45:33 | 21.29 | 1.251 | 17.67 | 8.123 | 4.58 | 104.2 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:50:33 | 21.29 | 1.25 | 17.66 | 8.119 | 4.58 | 103.9 | -301 | 3 | 0.26 |
| 4/14/2012 | 22:55:33 | 21.29 | 1.25 | 17.66 | 8.116 | 4.59 | 103.7 | -301 | 3 | 0.26 |
| 4/14/2012 | 23:00:33 | 21.29 | 1.25 | 17.66 | 8.113 | 4.59 | 103.6 | -301 | 3 | 0.27 |
| 4/14/2012 | 23:05:33 | 21.29 | 1.249 | 17.66 | 8.11 | 4.59 | 103.6 | -301 | 3 | 0.26 |
| 4/14/2012 | 23:10:33 | 21.29 | 1.249 | 17.66 | 8.109 | 4.59 | 103.5 | -301 | 3 | 0.26 |
| 4/14/2012 | 23:15:33 | 21.29 | 1.248 | 17.66 | 8.107 | 4.59 | 103.6 | -302 | 3 | 0.26 |
| 4/14/2012 | 23:20:33 | 21.29 | 1.249 | 17.66 | 8.105 | 4.59 | 103.7 | -302 | 3 | 0.26 |
| 4/14/2012 | 23:25:33 | 21.29 | 1.248 | 17.66 | 8.103 | 4.58 | 103.9 | -302 | 3 | 0.26 |
| 4/14/2012 | 23:30:33 | 21.29 | 1.247 | 17.66 | 8.102 | 4.59 | 103.5 | -302 | 3 | 0.26 |
| 4/14/2012 | 23:35:33 | 21.29 | 1.247 | 17.66 | 8.102 | 4.59 | 103.4 | -302 | 3 | 0.27 |
| 4/14/2012 | 23:40:33 | 21.29 | 1.246 | 17.66 | 8.1 | 4.6 | 103.2 | -302 | 3 | 0.26 |
| 4/14/2012 | 23:45:33 | 21.29 | 1.245 | 17.65 | 8.099 | 4.6 | 103.1 | -302 | 3 | 0.26 |
| 4/14/2012 | 23:50:33 | 21.29 | 1.244 | 17.65 | 8.096 | 4.6 | 103 | -302 | 3 | 0.27 |
| 4/14/2012 | 23:55:33 | 21.29 | 1.243 | 17.65 | 8.093 | 4.6 | 103 | -302 | 3 | 0.26 |
| 4/15/2012 | 0:00:33 | 21.29 | 1.242 | 17.65 | 8.091 | 4.6 | 103 | -302 | 3 | 0.26 |
| 4/15/2012 | 0:05:33 | 21.29 | 1.242 | 17.65 | 8.089 | 4.6 | 103.1 | -303 | 3 | 0.26 |
| 4/15/2012 | 0:10:33 | 21.29 | 1.241 | 17.65 | 8.087 | 4.6 | 103.2 | -303 | 3 | 0.26 |
| 4/15/2012 | 0:15:33 | 21.29 | 1.241 | 17.65 | 8.086 | 4.6 | 103.3 | -303 | 3 | 0.26 |
| 4/15/2012 | 0:20:33 | 21.29 | 1.24 | 17.65 | 8.082 | 4.6 | 103.1 | -303 | 3 | 0.26 |
| 4/15/2012 | 0:25:33 | 21.29 | 1.24 | 17.65 | 8.081 | 4.6 | 103.1 | -303 | 3 | 0.26 |
| 4/15/2012 | 0:30:33 | 21.29 | 1.239 | 17.65 | 8.081 | 4.6 | 103.2 | -303 | 3 | 0.27 |
| 4/15/2012 | 0:35:33 | 21.29 | 1.238 | 17.65 | 8.081 | 4.59 | 103.4 | -304 | 3 | 0.26 |
| 4/15/2012 | 0:40:33 | 21.29 | 1.238 | 17.65 | 8.079 | 4.59 | 103.4 | -304 | 3 | 0.26 |
| 4/15/2012 | 0:45:33 | 21.29 | 1.237 | 17.65 | 8.079 | 4.59 | 103.5 | -304 | 3 | 0.26 |
| 4/15/2012 | 0:50:33 | 21.29 | 1.236 | 17.65 | 8.078 | 4.59 | 103.6 | -304 | 3 | 0.26 |
| 4/15/2012 | 0:55:33 | 21.29 | 1.236 | 17.65 | 8.08 | 4.59 | 103.5 | -304 | 3 | 0.26 |
| 4/15/2012 | 1:00:33 | 21.29 | 1.235 | 17.65 | 8.077 | 4.59 | 103.3 | -304 | 3 | 0.26 |
| 4/15/2012 | 1:05:33 | 21.29 | 1.235 | 17.64 | 8.075 | 4.59 | 103.3 | -304 | 3 | 0.26 |
| 4/15/2012 | 1:10:33 | 21.29 | 1.235 | 17.65 | 8.076 | 4.59 | 103.3 | -304 | 3 | 0.26 |
| 4/15/2012 | 1:15:33 | 21.29 | 1.234 | 17.64 | 8.074 | 4.59 | 103.3 | -304 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 1:20:33 | 21.29 | 1.233 | 17.64 | 8.073 | 4.59 | 103.3 | -305 | 3 | 0.26 |
| 4/15/2012 | 1:25:33 | 21.29 | 1.233 | 17.64 | 8.073 | 4.59 | 103.3 | -305 | 3 | 0.26 |
| 4/15/2012 | 1:30:33 | 21.29 | 1.232 | 17.64 | 8.071 | 4.59 | 103.5 | -305 | 3 | 0.26 |
| 4/15/2012 | 1:35:33 | 21.29 | 1.231 | 17.64 | 8.07 | 4.6 | 103.3 | -305 | 3 | 0.26 |
| 4/15/2012 | 1:40:33 | 21.29 | 1.23 | 17.64 | 8.069 | 4.6 | 103.1 | -306 | 3 | 0.27 |
| 4/15/2012 | 1:45:33 | 21.29 | 1.23 | 17.64 | 8.07 | 4.6 | 103 | -306 | 3 | 0.27 |
| 4/15/2012 | 1:50:33 | 21.29 | 1.23 | 17.64 | 8.069 | 4.6 | 103 | -306 | 3 | 0.26 |
| 4/15/2012 | 1:55:33 | 21.29 | 1.23 | 17.64 | 8.066 | 4.6 | 103 | -306 | 3 | 0.27 |
| 4/15/2012 | 2:00:33 | 21.29 | 1.23 | 17.64 | 8.064 | 4.6 | 103 | -306 | 3 | 0.27 |
| 4/15/2012 | 2:05:33 | 21.29 | 1.229 | 17.64 | 8.064 | 4.6 | 103 | -307 | 3 | 0.26 |
| 4/15/2012 | 2:10:33 | 21.29 | 1.229 | 17.64 | 8.063 | 4.6 | 103 | -307 | 3 | 0.26 |
| 4/15/2012 | 2:15:33 | 21.29 | 1.23 | 17.64 | 8.063 | 4.6 | 103.1 | -307 | 3 | 0.26 |
| 4/15/2012 | 2:20:33 | 21.29 | 1.23 | 17.64 | 8.061 | 4.6 | 103.1 | -307 | 3 | 0.27 |
| 4/15/2012 | 2:25:33 | 21.29 | 1.229 | 17.64 | 8.06 | 4.6 | 103 | -307 | 3 | 0.26 |
| 4/15/2012 | 2:30:33 | 21.29 | 1.229 | 17.64 | 8.059 | 4.6 | 103.1 | -307 | 3 | 0.27 |
| 4/15/2012 | 2:35:33 | 21.29 | 1.229 | 17.64 | 8.06 | 4.59 | 103.6 | -307 | 3 | 0.27 |
| 4/15/2012 | 2:40:33 | 21.29 | 1.229 | 17.64 | 8.06 | 4.59 | 103.8 | -308 | 3 | 0.26 |
| 4/15/2012 | 2:45:33 | 21.29 | 1.229 | 17.64 | 8.061 | 4.58 | 104.2 | -308 | 3 | 0.26 |
| 4/15/2012 | 2:50:33 | 21.29 | 1.229 | 17.64 | 8.059 | 4.58 | 104.4 | -308 | 3 | 0.27 |
| 4/15/2012 | 2:55:33 | 21.29 | 1.229 | 17.64 | 8.06 | 4.57 | 104.6 | -308 | 3 | 0.27 |
| 4/15/2012 | 3:00:33 | 21.29 | 1.229 | 17.64 | 8.06 | 4.57 | 104.6 | -308 | 3 | 0.26 |
| 4/15/2012 | 3:05:33 | 21.29 | 1.228 | 17.64 | 8.062 | 4.57 | 104.6 | -308 | 3 | 0.26 |
| 4/15/2012 | 3:10:33 | 21.29 | 1.228 | 17.64 | 8.062 | 4.57 | 104.7 | -309 | 3 | 0.26 |
| 4/15/2012 | 3:15:33 | 21.29 | 1.228 | 17.64 | 8.061 | 4.57 | 104.9 | -309 | 3 | 0.26 |
| 4/15/2012 | 3:20:33 | 21.29 | 1.228 | 17.64 | 8.061 | 4.57 | 104.6 | -309 | 3 | 0.27 |
| 4/15/2012 | 3:25:33 | 21.29 | 1.228 | 17.64 | 8.063 | 4.57 | 104.7 | -309 | 3 | 0.27 |
| 4/15/2012 | 3:30:33 | 21.29 | 1.228 | 17.64 | 8.064 | 4.57 | 104.9 | -310 | 3 | 0.26 |
| 4/15/2012 | 3:35:33 | 21.29 | 1.228 | 17.64 | 8.064 | 4.57 | 104.9 | -310 | 3 | 0.27 |
| 4/15/2012 | 3:40:33 | 21.29 | 1.228 | 17.64 | 8.065 | 4.56 | 105.2 | -310 | 3 | 0.26 |
| 4/15/2012 | 3:45:33 | 21.29 | 1.228 | 17.64 | 8.069 | 4.56 | 105.2 | -311 | 3 | 0.27 |
| 4/15/2012 | 3:50:33 | 21.29 | 1.228 | 17.64 | 8.069 | 4.56 | 105.4 | -311 | 3 | 0.26 |
| 4/15/2012 | 3:55:33 | 21.29 | 1.228 | 17.64 | 8.071 | 4.56 | 105.5 | -311 | 3 | 0.26 |
| 4/15/2012 | 4:00:33 | 21.29 | 1.228 | 17.64 | 8.073 | 4.56 | 105.5 | -311 | 3 | 0.27 |
| 4/15/2012 | 4:05:33 | 21.29 | 1.228 | 17.64 | 8.074 | 4.55 | 105.7 | -312 | 3 | 0.26 |
| 4/15/2012 | 4:10:33 | 21.29 | 1.228 | 17.65 | 8.077 | 4.55 | 105.8 | -312 | 3 | 0.26 |
| 4/15/2012 | 4:15:33 | 21.29 | 1.228 | 17.65 | 8.079 | 4.55 | 106.1 | -312 | 3 | 0.26 |
| 4/15/2012 | 4:20:33 | 21.29 | 1.228 | 17.65 | 8.081 | 4.54 | 106.3 | -312 | 3 | 0.27 |
| 4/15/2012 | 4:25:33 | 21.29 | 1.228 | 17.65 | 8.084 | 4.54 | 106.6 | -312 | 3 | 0.27 |
| 4/15/2012 | 4:30:33 | 21.29 | 1.227 | 17.65 | 8.084 | 4.53 | 106.8 | -313 | 3 | 0.26 |
| 4/15/2012 | 4:35:33 | 21.29 | 1.227 | 17.65 | 8.087 | 4.53 | 106.8 | -313 | 3 | 0.27 |
| 4/15/2012 | 4:40:33 | 21.29 | 1.227 | 17.65 | 8.086 | 4.53 | 106.8 | -313 | 3 | 0.26 |
| 4/15/2012 | 4:45:33 | 21.29 | 1.227 | 17.65 | 8.09 | 4.53 | 106.8 | -313 | 3 | 0.27 |
| 4/15/2012 | 4:50:33 | 21.29 | 1.227 | 17.65 | 8.091 | 4.54 | 106.6 | -314 | 3 | 0.27 |
| 4/15/2012 | 4:55:33 | 21.29 | 1.227 | 17.65 | 8.094 | 4.54 | 106.6 | -314 | 3 | 0.27 |
| 4/15/2012 | 5:00:33 | 21.29 | 1.228 | 17.65 | 8.096 | 4.54 | 106.5 | -314 | 3 | 0.27 |
| 4/15/2012 | 5:05:33 | 21.29 | 1.227 | 17.65 | 8.098 | 4.54 | 106.6 | -314 | 3 | 0.27 |
| 4/15/2012 | 5:10:33 | 21.29 | 1.227 | 17.66 | 8.102 | 4.54 | 106.6 | -315 | 3 | 0.27 |
| 4/15/2012 | 5:15:33 | 21.29 | 1.227 | 17.66 | 8.105 | 4.53 | 106.9 | -315 | 3 | 0.26 |
| 4/15/2012 | 5:20:33 | 21.29 | 1.227 | 17.66 | 8.108 | 4.53 | 106.8 | -315 | 3 | 0.26 |
| 4/15/2012 | 5:25:33 | 21.29 | 1.227 | 17.66 | 8.11 | 4.53 | 106.8 | -315 | 3 | 0.27 |
| 4/15/2012 | 5:30:33 | 21.29 | 1.227 | 17.66 | 8.113 | 4.54 | 106.6 | -316 | 3 | 0.27 |
| 4/15/2012 | 5:35:33 | 21.29 | 1.228 | 17.66 | 8.113 | 4.54 | 106.3 | -316 | 3 | 0.27 |
| 4/15/2012 | 5:40:33 | 21.29 | 1.228 | 17.66 | 8.118 | 4.55 | 106 | -316 | 3 | 0.26 |
| 4/15/2012 | 5:45:33 | 21.29 | 1.228 | 17.66 | 8.119 | 4.55 | 106 | -316 | 3 | 0.27 |
| 4/15/2012 | 5:50:33 | 21.29 | 1.229 | 17.67 | 8.124 | 4.55 | 106 | -316 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 5:55:33 | 21.29 | 1.229 | 17.67 | 8.127 | 4.55 | 105.8 | -317 | 3 | 0.27 |
| 4/15/2012 | 6:00:33 | 21.29 | 1.229 | 17.67 | 8.131 | 4.55 | 105.6 | -317 | 3 | 0.27 |
| 4/15/2012 | 6:05:33 | 21.3 | 1.23 | 17.67 | 8.134 | 4.56 | 105.5 | -318 | 3 | 0.27 |
| 4/15/2012 | 6:10:33 | 21.3 | 1.23 | 17.67 | 8.136 | 4.56 | 105.3 | -318 | 3 | 0.27 |
| 4/15/2012 | 6:15:33 | 21.3 | 1.23 | 17.67 | 8.138 | 4.56 | 105.3 | -318 | 3 | 0.27 |
| 4/15/2012 | 6:20:33 | 21.3 | 1.231 | 17.67 | 8.142 | 4.56 | 105.3 | -319 | 3 | 0.27 |
| 4/15/2012 | 6:25:33 | 21.3 | 1.231 | 17.67 | 8.144 | 4.56 | 105.3 | -319 | 3 | 0.26 |
| 4/15/2012 | 6:30:33 | 21.3 | 1.231 | 17.68 | 8.147 | 4.56 | 105.5 | -319 | 3 | 0.27 |
| 4/15/2012 | 6:35:33 | 21.3 | 1.231 | 17.68 | 8.147 | 4.55 | 105.5 | -320 | 3 | 0.27 |
| 4/15/2012 | 6:40:33 | 21.3 | 1.231 | 17.68 | 8.152 | 4.55 | 105.7 | -320 | 3 | 0.27 |
| 4/15/2012 | 6:45:33 | 21.3 | 1.231 | 17.68 | 8.153 | 4.55 | 105.7 | -320 | 3 | 0.27 |
| 4/15/2012 | 6:50:33 | 21.3 | 1.231 | 17.68 | 8.156 | 4.55 | 105.8 | -321 | 3 | 0.26 |
| 4/15/2012 | 6:55:33 | 21.3 | 1.232 | 17.68 | 8.158 | 4.55 | 105.8 | -321 | 3 | 0.27 |
| 4/15/2012 | 7:00:33 | 21.3 | 1.232 | 17.68 | 8.158 | 4.55 | 105.8 | -322 | 3 | 0.27 |
| 4/15/2012 | 7:05:33 | 21.3 | 1.232 | 17.68 | 8.16 | 4.55 | 105.9 | -322 | 3 | 0.27 |
| 4/15/2012 | 7:10:33 | 21.3 | 1.232 | 17.68 | 8.161 | 4.55 | 106 | -322 | 3 | 0.27 |
| 4/15/2012 | 7:15:33 | 21.3 | 1.233 | 17.68 | 8.164 | 4.55 | 106 | -323 | 3 | 0.27 |
| 4/15/2012 | 7:20:33 | 21.3 | 1.233 | 17.68 | 8.166 | 4.55 | 106 | -323 | 3 | 0.27 |
| 4/15/2012 | 7:25:33 | 21.3 | 1.234 | 17.69 | 8.169 | 4.55 | 106 | -323 | 3 | 0.27 |
| 4/15/2012 | 7:30:33 | 21.3 | 1.234 | 17.69 | 8.169 | 4.55 | 106 | -324 | 3 | 0.27 |
| 4/15/2012 | 7:35:33 | 21.3 | 1.234 | 17.69 | 8.17 | 4.55 | 106.1 | -324 | 3 | 0.27 |
| 4/15/2012 | 7:40:33 | 21.3 | 1.234 | 17.69 | 8.173 | 4.55 | 106.1 | -324 | 3 | 0.27 |
| 4/15/2012 | 7:45:33 | 21.3 | 1.234 | 17.69 | 8.172 | 4.55 | 106.1 | -324 | 3 | 0.27 |
| 4/15/2012 | 7:50:33 | 21.3 | 1.235 | 17.69 | 8.173 | 4.55 | 106.1 | -324 | 3 | 0.27 |
| 4/15/2012 | 7:55:33 | 21.3 | 1.235 | 17.69 | 8.173 | 4.54 | 106.1 | -324 | 3 | 0.27 |
| 4/15/2012 | 8:00:33 | 21.3 | 1.235 | 17.69 | 8.175 | 4.54 | 106.2 | -325 | 3 | 0.27 |
| 4/15/2012 | 8:05:33 | 21.3 | 1.235 | 17.69 | 8.174 | 4.54 | 106.3 | -325 | 3 | 0.27 |
| 4/15/2012 | 8:10:33 | 21.3 | 1.235 | 17.69 | 8.172 | 4.54 | 106.3 | -325 | 3 | 0.27 |
| 4/15/2012 | 8:15:33 | 21.3 | 1.235 | 17.69 | 8.171 | 4.54 | 106.3 | -325 | 3 | 0.27 |
| 4/15/2012 | 8:20:33 | 21.3 | 1.235 | 17.69 | 8.171 | 4.54 | 106.2 | -325 | 3 | 0.26 |
| 4/15/2012 | 8:25:33 | 21.3 | 1.235 | 17.69 | 8.171 | 4.54 | 106.3 | -326 | 3 | 0.27 |
| 4/15/2012 | 8:30:33 | 21.3 | 1.235 | 17.69 | 8.17 | 4.54 | 106.4 | -326 | 3 | 0.27 |
| 4/15/2012 | 8:35:33 | 21.3 | 1.236 | 17.69 | 8.168 | 4.54 | 106.5 | -326 | 3 | 0.27 |
| 4/15/2012 | 8:40:33 | 21.3 | 1.236 | 17.68 | 8.164 | 4.54 | 106.6 | -327 | 3 | 0.26 |
| 4/15/2012 | 8:45:33 | 21.3 | 1.236 | 17.68 | 8.162 | 4.54 | 106.6 | -327 | 3 | 0.27 |
| 4/15/2012 | 8:50:33 | 21.3 | 1.236 | 17.68 | 8.16 | 4.54 | 106.7 | -328 | 3 | 0.27 |
| 4/15/2012 | 8:55:33 | 21.3 | 1.237 | 17.68 | 8.159 | 4.53 | 106.8 | -328 | 3 | 0.27 |
| 4/15/2012 | 9:00:33 | 21.3 | 1.237 | 17.68 | 8.156 | 4.53 | 106.8 | -329 | 3 | 0.27 |
| 4/15/2012 | 9:05:33 | 21.3 | 1.237 | 17.68 | 8.156 | 4.53 | 106.8 | -329 | 3 | 0.27 |
| 4/15/2012 | 9:10:33 | 21.3 | 1.237 | 17.68 | 8.149 | 4.53 | 106.8 | -329 | 3 | 0.27 |
| 4/15/2012 | 9:15:33 | 21.3 | 1.237 | 17.68 | 8.148 | 4.53 | 106.9 | -329 | 3 | 0.27 |
| 4/15/2012 | 9:20:33 | 21.3 | 1.237 | 17.67 | 8.145 | 4.53 | 106.9 | -330 | 3 | 0.27 |
| 4/15/2012 | 9:25:33 | 21.3 | 1.237 | 17.67 | 8.143 | 4.53 | 106.9 | -330 | 3 | 0.27 |
| 4/15/2012 | 9:30:33 | 21.3 | 1.237 | 17.67 | 8.137 | 4.53 | 107 | -331 | 3 | 0.27 |
| 4/15/2012 | 9:35:33 | 21.3 | 1.238 | 17.67 | 8.136 | 4.53 | 107.1 | -331 | 3 | 0.27 |
| 4/15/2012 | 9:40:33 | 21.3 | 1.237 | 17.67 | 8.138 | 4.53 | 107.1 | -331 | 3 | 0.27 |
| 4/15/2012 | 9:45:33 | 21.3 | 1.238 | 17.67 | 8.137 | 4.53 | 107 | -331 | 3 | 0.27 |
| 4/15/2012 | 9:50:33 | 21.3 | 1.237 | 17.67 | 8.133 | 4.53 | 106.9 | -332 | 3 | 0.27 |
| 4/15/2012 | 9:55:33 | 21.3 | 1.238 | 17.67 | 8.13 | 4.53 | 106.9 | -332 | 3 | 0.27 |
| 4/15/2012 | 10:00:33 | 21.3 | 1.239 | 17.67 | 8.129 | 4.53 | 106.9 | -332 | 3 | 0.26 |
| 4/15/2012 | 10:05:33 | 21.3 | 1.24 | 17.67 | 8.127 | 4.53 | 106.8 | -332 | 3 | 0.27 |
| 4/15/2012 | 10:10:33 | 21.3 | 1.241 | 17.67 | 8.124 | 4.53 | 106.9 | -333 | 3 | 0.27 |
| 4/15/2012 | 10:15:33 | 21.3 | 1.242 | 17.66 | 8.121 | 4.53 | 106.9 | -333 | 3 | 0.27 |
| 4/15/2012 | 10:20:33 | 21.3 | 1.243 | 17.66 | 8.119 | 4.53 | 106.8 | -334 | 3 | 0.27 |
| 4/15/2012 | 10:25:33 | 21.3 | 1.243 | 17.66 | 8.117 | 4.53 | 106.8 | -334 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 10:30:33 | 21.3 | 1.243 | 17.66 | 8.114 | 4.53 | 106.8 | -334 | 3 | 0.26 |
| 4/15/2012 | 10:35:33 | 21.3 | 1.243 | 17.66 | 8.11 | 4.54 | 106.7 | -335 | 3 | 0.27 |
| 4/15/2012 | 10:40:33 | 21.3 | 1.243 | 17.66 | 8.106 | 4.54 | 106.7 | -335 | 3 | 0.26 |
| 4/15/2012 | 10:45:33 | 21.3 | 1.242 | 17.66 | 8.101 | 4.53 | 106.7 | -335 | 3 | 0.26 |
| 4/15/2012 | 10:50:33 | 21.3 | 1.242 | 17.66 | 8.1 | 4.53 | 106.7 | -335 | 3 | 0.26 |
| 4/15/2012 | 10:55:33 | 21.3 | 1.242 | 17.65 | 8.096 | 4.53 | 106.7 | -336 | 3 | 0.26 |
| 4/15/2012 | 11:00:33 | 21.3 | 1.242 | 17.65 | 8.094 | 4.54 | 106.6 | -336 | 3 | 0.26 |
| 4/15/2012 | 11:05:33 | 21.3 | 1.242 | 17.65 | 8.093 | 4.54 | 106.6 | -336 | 3 | 0.26 |
| 4/15/2012 | 11:10:33 | 21.31 | 1.242 | 17.65 | 8.091 | 4.54 | 106.5 | -336 | 3 | 0.26 |
| 4/15/2012 | 11:15:33 | 21.3 | 1.242 | 17.65 | 8.091 | 4.54 | 106.4 | -336 | 3 | 0.26 |
| 4/15/2012 | 11:20:33 | 21.31 | 1.242 | 17.65 | 8.089 | 4.54 | 106.3 | -337 | 3 | 0.26 |
| 4/15/2012 | 11:25:33 | 21.31 | 1.242 | 17.65 | 8.087 | 4.54 | 106.1 | -337 | 3 | 0.26 |
| 4/15/2012 | 11:30:33 | 21.31 | 1.241 | 17.65 | 8.082 | 4.55 | 106.1 | -338 | 3 | 0.26 |
| 4/15/2012 | 11:35:33 | 21.31 | 1.241 | 17.65 | 8.08 | 4.55 | 106 | -338 | 3 | 0.26 |
| 4/15/2012 | 11:40:33 | 21.31 | 1.241 | 17.65 | 8.076 | 4.55 | 105.7 | -338 | 3 | 0.26 |
| 4/15/2012 | 11:45:33 | 21.31 | 1.241 | 17.64 | 8.076 | 4.55 | 105.7 | -338 | 3 | 0.26 |
| 4/15/2012 | 11:50:33 | 21.31 | 1.241 | 17.64 | 8.075 | 4.55 | 105.7 | -337 | 3 | 0.26 |
| 4/15/2012 | 11:55:33 | 21.31 | 1.242 | 17.64 | 8.075 | 4.55 | 105.7 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:00:33 | 21.31 | 1.241 | 17.64 | 8.07 | 4.56 | 105.5 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:05:33 | 21.31 | 1.241 | 17.64 | 8.071 | 4.56 | 105.3 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:10:33 | 21.31 | 1.241 | 17.64 | 8.068 | 4.56 | 105.1 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:15:33 | 21.31 | 1.241 | 17.64 | 8.063 | 4.56 | 105 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:20:33 | 21.31 | 1.24 | 17.64 | 8.061 | 4.57 | 104.8 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:25:33 | 21.31 | 1.24 | 17.64 | 8.062 | 4.57 | 104.6 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:30:33 | 21.31 | 1.239 | 17.64 | 8.058 | 4.58 | 104.4 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:35:33 | 21.31 | 1.238 | 17.64 | 8.057 | 4.58 | 104.2 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:40:33 | 21.31 | 1.238 | 17.64 | 8.056 | 4.58 | 104.1 | -337 | 3 | 0.26 |
| 4/15/2012 | 12:45:33 | 21.31 | 1.238 | 17.64 | 8.056 | 4.58 | 103.9 | -338 | 3 | 0.26 |
| 4/15/2012 | 12:50:33 | 21.31 | 1.238 | 17.63 | 8.053 | 4.58 | 103.9 | -339 | 3 | 0.26 |
| 4/15/2012 | 12:55:33 | 21.31 | 1.237 | 17.63 | 8.051 | 4.58 | 104.1 | -339 | 3 | 0.26 |
| 4/15/2012 | 13:00:33 | 21.31 | 1.237 | 17.63 | 8.051 | 4.58 | 104.1 | -339 | 3 | 0.26 |
| 4/15/2012 | 13:05:33 | 21.31 | 1.236 | 17.63 | 8.05 | 4.59 | 103.8 | -339 | 3 | 0.26 |
| 4/15/2012 | 13:10:33 | 21.31 | 1.236 | 17.63 | 8.05 | 4.59 | 103.7 | -339 | 3 | 0.26 |
| 4/15/2012 | 13:15:33 | 21.31 | 1.235 | 17.63 | 8.049 | 4.6 | 103.3 | -340 | 3 | 0.26 |
| 4/15/2012 | 13:20:33 | 21.31 | 1.234 | 17.63 | 8.048 | 4.6 | 103.1 | -341 | 3 | 0.26 |
| 4/15/2012 | 13:25:33 | 21.31 | 1.234 | 17.63 | 8.046 | 4.6 | 103.2 | -341 | 3 | 0.26 |
| 4/15/2012 | 13:30:33 | 21.31 | 1.233 | 17.63 | 8.045 | 4.6 | 103.3 | -342 | 3 | 0.26 |
| 4/15/2012 | 13:35:33 | 21.31 | 1.233 | 17.63 | 8.045 | 4.6 | 103.2 | -342 | 3 | 0.26 |
| 4/15/2012 | 13:40:33 | 21.31 | 1.233 | 17.63 | 8.045 | 4.59 | 103.3 | -342 | 3 | 0.26 |
| 4/15/2012 | 13:45:33 | 21.31 | 1.232 | 17.63 | 8.043 | 4.59 | 103.5 | -343 | 3 | 0.26 |
| 4/15/2012 | 13:50:33 | 21.31 | 1.232 | 17.63 | 8.042 | 4.59 | 103.5 | -344 | 3 | 0.26 |
| 4/15/2012 | 13:55:33 | 21.31 | 1.232 | 17.63 | 8.04 | 4.59 | 103.6 | -345 | 3 | 0.26 |
| 4/15/2012 | 14:00:33 | 21.31 | 1.231 | 17.63 | 8.041 | 4.59 | 103.7 | -345 | 3 | 0.26 |
| 4/15/2012 | 14:05:33 | 21.31 | 1.232 | 17.63 | 8.038 | 4.59 | 103.6 | -346 | 3 | 0.26 |
| 4/15/2012 | 14:10:33 | 21.31 | 1.232 | 17.63 | 8.038 | 4.59 | 103.5 | -346 | 3 | 0.26 |
| 4/15/2012 | 14:15:33 | 21.31 | 1.232 | 17.63 | 8.038 | 4.59 | 103.4 | -346 | 3 | 0.26 |
| 4/15/2012 | 14:20:33 | 21.31 | 1.232 | 17.63 | 8.036 | 4.59 | 103.4 | -346 | 3 | 0.26 |
| 4/15/2012 | 14:25:33 | 21.31 | 1.23 | 17.63 | 8.036 | 4.59 | 103.4 | -346 | 3 | 0.26 |
| 4/15/2012 | 14:30:33 | 21.31 | 1.231 | 17.63 | 8.034 | 4.6 | 103.3 | -347 | 3 | 0.26 |
| 4/15/2012 | 14:35:33 | 21.31 | 1.23 | 17.63 | 8.033 | 4.6 | 103.1 | -347 | 3 | 0.26 |
| 4/15/2012 | 14:40:33 | 21.31 | 1.23 | 17.63 | 8.031 | 4.6 | 103.1 | -347 | 3 | 0.26 |
| 4/15/2012 | 14:45:33 | 21.31 | 1.229 | 17.63 | 8.03 | 4.6 | 103.2 | -347 | 3 | 0.26 |
| 4/15/2012 | 14:50:33 | 21.31 | 1.229 | 17.63 | 8.03 | 4.59 | 103.3 | -348 | 3 | 0.26 |
| 4/15/2012 | 14:55:33 | 21.31 | 1.229 | 17.63 | 8.031 | 4.59 | 103.5 | -348 | 3 | 0.27 |
| 4/15/2012 | 15:00:33 | 21.31 | 1.228 | 17.62 | 8.029 | 4.6 | 103.1 | -348 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 15:05:33 | 21.31 | 1.228 | 17.63 | 8.03 | 4.6 | 103 | -349 | 3 | 0.26 |
| 4/15/2012 | 15:10:33 | 21.31 | 1.228 | 17.63 | 8.031 | 4.6 | 102.9 | -349 | 3 | 0.26 |
| 4/15/2012 | 15:15:33 | 21.31 | 1.229 | 17.62 | 8.029 | 4.6 | 103 | -348 | 3 | 0.26 |
| 4/15/2012 | 15:20:33 | 21.31 | 1.229 | 17.62 | 8.028 | 4.59 | 103.4 | -348 | 3 | 0.26 |
| 4/15/2012 | 15:25:33 | 21.31 | 1.229 | 17.63 | 8.03 | 4.59 | 103.7 | -349 | 3 | 0.26 |
| 4/15/2012 | 15:30:33 | 21.31 | 1.229 | 17.63 | 8.03 | 4.59 | 103.8 | -349 | 3 | 0.26 |
| 4/15/2012 | 15:35:33 | 21.31 | 1.229 | 17.61 | 8.004 | 4.59 | 103.8 | -350 | 3 | 0.26 |
| 4/15/2012 | 15:40:33 | 21.31 | 1.229 | 17.62 | 8.017 | 4.58 | 104 | -350 | 3 | 0.26 |
| 4/15/2012 | 15:45:33 | 21.31 | 1.23 | 17.62 | 8.025 | 4.58 | 103.9 | -351 | 3 | 0.26 |
| 4/15/2012 | 15:50:33 | 21.31 | 1.229 | 17.62 | 8.029 | 4.59 | 103.6 | -350 | 3 | 0.26 |
| 4/15/2012 | 15:55:33 | 21.31 | 1.229 | 17.62 | 8.029 | 4.58 | 103.9 | -351 | 3 | 0.26 |
| 4/15/2012 | 16:00:33 | 21.31 | 1.23 | 17.63 | 8.031 | 4.58 | 104.3 | -351 | 3 | 0.26 |
| 4/15/2012 | 16:05:33 | 21.31 | 1.229 | 17.63 | 8.033 | 4.57 | 104.8 | -352 | 3 | 0.26 |
| 4/15/2012 | 16:10:33 | 21.31 | 1.23 | 17.63 | 8.031 | 4.56 | 105.1 | -352 | 3 | 0.26 |
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| 4/15/2012 | 16:30:33 | 21.31 | 1.23 | 17.63 | 8.039 | 4.55 | 105.7 | -354 | 3 | 0.26 |
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| 4/15/2012 | 16:50:33 | 21.31 | 1.23 | 17.63 | 8.046 | 4.55 | 106.1 | -355 | 3 | 0.26 |
| 4/15/2012 | 16:55:33 | 21.31 | 1.23 | 17.63 | 8.048 | 4.54 | 106.1 | -356 | 3 | 0.26 |
| 4/15/2012 | 17:00:33 | 21.31 | 1.23 | 17.63 | 8.053 | 4.54 | 106.3 | -356 | 3 | 0.26 |
| 4/15/2012 | 17:05:33 | 21.31 | 1.23 | 17.64 | 8.053 | 4.54 | 106.5 | -356 | 3 | 0.26 |
| 4/15/2012 | 17:10:33 | 21.31 | 1.23 | 17.64 | 8.056 | 4.53 | 106.8 | -356 | 3 | 0.27 |
| 4/15/2012 | 17:15:33 | 21.31 | 1.23 | 17.64 | 8.057 | 4.53 | 106.9 | -357 | 3 | 0.26 |
| 4/15/2012 | 17:20:33 | 21.31 | 1.23 | 17.64 | 8.06 | 4.53 | 106.8 | -357 | 3 | 0.26 |
| 4/15/2012 | 17:25:33 | 21.31 | 1.23 | 17.64 | 8.061 | 4.53 | 106.9 | -358 | 3 | 0.26 |
| 4/15/2012 | 17:30:33 | 21.31 | 1.23 | 17.64 | 8.064 | 4.53 | 107.1 | -358 | 3 | 0.26 |
| 4/15/2012 | 17:35:33 | 21.31 | 1.229 | 17.64 | 8.067 | 4.53 | 107.1 | -358 | 3 | 0.26 |
| 4/15/2012 | 17:40:33 | 21.31 | 1.229 | 17.64 | 8.07 | 4.53 | 106.9 | -358 | 3 | 0.26 |
| 4/15/2012 | 17:45:33 | 21.31 | 1.229 | 17.64 | 8.072 | 4.53 | 106.8 | -358 | 3 | 0.26 |
| 4/15/2012 | 17:50:33 | 21.31 | 1.229 | 17.64 | 8.075 | 4.54 | 106.6 | -359 | 3 | 0.26 |
| 4/15/2012 | 17:55:33 | 21.31 | 1.229 | 17.65 | 8.079 | 4.54 | 106.6 | -359 | 3 | 0.26 |
| 4/15/2012 | 18:00:33 | 21.31 | 1.229 | 17.65 | 8.081 | 4.54 | 106.6 | -359 | 3 | 0.26 |
| 4/15/2012 | 18:05:33 | 21.31 | 1.229 | 17.65 | 8.082 | 4.54 | 106.7 | -360 | 3 | 0.26 |
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| 4/15/2012 | 18:15:33 | 21.31 | 1.229 | 17.65 | 8.088 | 4.53 | 107 | -361 | 3 | 0.26 |
| 4/15/2012 | 18:20:33 | 21.31 | 1.228 | 17.65 | 8.091 | 4.53 | 107.1 | -361 | 3 | 0.27 |
| 4/15/2012 | 18:25:33 | 21.31 | 1.229 | 17.65 | 8.094 | 4.53 | 107.2 | -361 | 3 | 0.27 |
| 4/15/2012 | 18:30:33 | 21.31 | 1.229 | 17.65 | 8.097 | 4.52 | 107.4 | -362 | 3 | 0.27 |
| 4/15/2012 | 18:35:33 | 21.31 | 1.229 | 17.66 | 8.1 | 4.52 | 107.5 | -362 | 3 | 0.27 |
| 4/15/2012 | 18:40:33 | 21.31 | 1.229 | 17.66 | 8.103 | 4.52 | 107.4 | -362 | 3 | 0.26 |
| 4/15/2012 | 18:45:33 | 21.31 | 1.229 | 17.66 | 8.106 | 4.52 | 107.4 | -362 | 3 | 0.26 |
| 4/15/2012 | 18:50:33 | 21.32 | 1.229 | 17.66 | 8.108 | 4.52 | 107.4 | -363 | 3 | 0.27 |
| 4/15/2012 | 18:55:33 | 21.31 | 1.229 | 17.66 | 8.112 | 4.53 | 107.2 | -363 | 3 | 0.27 |
| 4/15/2012 | 19:00:33 | 21.31 | 1.23 | 17.66 | 8.113 | 4.53 | 107.1 | -363 | 3 | 0.26 |
| 4/15/2012 | 19:05:33 | 21.32 | 1.23 | 17.66 | 8.115 | 4.53 | 107 | -363 | 3 | 0.26 |
| 4/15/2012 | 19:10:33 | 21.32 | 1.23 | 17.66 | 8.119 | 4.53 | 107.1 | -363 | 3 | 0.27 |
| 4/15/2012 | 19:15:33 | 21.32 | 1.23 | 17.66 | 8.121 | 4.52 | 107.3 | -364 | 3 | 0.26 |
| 4/15/2012 | 19:20:33 | 21.32 | 1.23 | 17.67 | 8.124 | 4.53 | 107.2 | -364 | 3 | 0.26 |
| 4/15/2012 | 19:25:33 | 21.32 | 1.23 | 17.67 | 8.124 | 4.53 | 107.2 | -364 | 3 | 0.27 |
| 4/15/2012 | 19:30:33 | 21.32 | 1.23 | 17.67 | 8.127 | 4.53 | 107.1 | -364 | 3 | 0.27 |
| 4/15/2012 | 19:35:33 | 21.32 | 1.231 | 17.67 | 8.129 | 4.53 | 106.9 | -364 | 3 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/15/2012 | 19:40:33 | 21.32 | 1.231 | 17.67 | 8.132 | 4.53 | 106.8 | -365 | 3 | 0.26 |
| 4/15/2012 | 19:45:33 | 21.32 | 1.231 | 17.67 | 8.13 | 4.54 | 106.6 | -365 | 3 | 0.27 |
| 4/15/2012 | 19:50:33 | 21.32 | 1.231 | 17.67 | 8.132 | 4.54 | 106.6 | -365 | 3 | 0.26 |
| 4/15/2012 | 19:55:33 | 21.32 | 1.231 | 17.67 | 8.133 | 4.54 | 106.5 | -365 | 3 | 0.27 |
| 4/15/2012 | 20:00:33 | 21.32 | 1.231 | 17.67 | 8.133 | 4.54 | 106.5 | -365 | 3 | 0.26 |
| 4/15/2012 | 20:05:33 | 21.32 | 1.231 | 17.67 | 8.134 | 4.54 | 106.5 | -364 | 3 | 0.27 |
| 4/15/2012 | 20:10:33 | 21.32 | 1.231 | 17.67 | 8.134 | 4.54 | 106.5 | -364 | 3 | 0.27 |
| 4/15/2012 | 20:15:33 | 21.32 | 1.231 | 17.67 | 8.131 | 4.54 | 106.4 | -364 | 3 | 0.27 |
| 4/15/2012 | 20:20:33 | 21.32 | 1.231 | 17.67 | 8.134 | 4.54 | 106.4 | -364 | 3 | 0.27 |
| 4/15/2012 | 20:25:33 | 21.32 | 1.231 | 17.67 | 8.133 | 4.54 | 106.4 | -365 | 3 | 0.27 |
| 4/15/2012 | 20:30:33 | 21.32 | 1.231 | 17.67 | 8.133 | 4.54 | 106.4 | -365 | 3 | 0.27 |
| 4/15/2012 | 20:35:33 | 21.32 | 1.231 | 17.67 | 8.131 | 4.54 | 106.4 | -365 | 3 | 0.26 |
| 4/15/2012 | 20:40:33 | 21.32 | 1.232 | 17.67 | 8.13 | 4.54 | 106.4 | -365 | 3 | 0.27 |
| 4/15/2012 | 20:45:33 | 21.32 | 1.232 | 17.67 | 8.128 | 4.54 | 106.4 | -365 | 3 | 0.27 |
| 4/15/2012 | 20:50:33 | 21.32 | 1.231 | 17.67 | 8.127 | 4.54 | 106.4 | -365 | 3 | 0.27 |
| 4/15/2012 | 20:55:33 | 21.32 | 1.232 | 17.67 | 8.128 | 4.54 | 106.4 | -365 | 3 | 0.26 |
| 4/15/2012 | 21:00:33 | 21.32 | 1.232 | 17.67 | 8.126 | 4.54 | 106.4 | -365 | 3 | 0.26 |
| 4/15/2012 | 21:05:33 | 21.32 | 1.232 | 17.66 | 8.119 | 4.54 | 106.4 | -364 | 3 | 0.26 |
| 4/15/2012 | 21:10:33 | 21.32 | 1.232 | 17.66 | 8.119 | 4.54 | 106.5 | -364 | 3 | 0.27 |
| 4/15/2012 | 21:15:33 | 21.32 | 1.232 | 17.66 | 8.115 | 4.54 | 106.5 | -364 | 3 | 0.27 |
| 4/15/2012 | 21:20:33 | 21.32 | 1.232 | 17.66 | 8.113 | 4.54 | 106.4 | -365 | 3 | 0.27 |
| 4/15/2012 | 21:25:33 | 21.32 | 1.232 | 17.66 | 8.109 | 4.54 | 106.4 | -365 | 3 | 0.26 |
| 4/15/2012 | 21:30:33 | 21.32 | 1.232 | 17.66 | 8.108 | 4.54 | 106.4 | -365 | 3 | 0.26 |
| 4/15/2012 | 21:35:33 | 21.32 | 1.232 | 17.66 | 8.106 | 4.54 | 106.3 | -365 | 3 | 0.26 |
| 4/15/2012 | 21:40:33 | 21.32 | 1.232 | 17.66 | 8.101 | 4.54 | 106.3 | -366 | 3 | 0.26 |
| 4/15/2012 | 21:45:33 | 21.32 | 1.232 | 17.65 | 8.098 | 4.54 | 106.3 | -366 | 3 | 0.27 |
| 4/15/2012 | 21:50:33 | 21.32 | 1.233 | 17.65 | 8.096 | 4.54 | 106.3 | -367 | 3 | 0.26 |
| 4/15/2012 | 21:55:33 | 21.32 | 1.233 | 17.65 | 8.093 | 4.54 | 106.3 | -367 | 3 | 0.26 |
| 4/15/2012 | 22:00:33 | 21.32 | 1.233 | 17.65 | 8.09 | 4.54 | 106.3 | -367 | 3 | 0.26 |
| 4/15/2012 | 22:05:33 | 21.32 | 1.233 | 17.65 | 8.086 | 4.54 | 106.4 | -367 | 3 | 0.26 |
| 4/15/2012 | 22:10:33 | 21.32 | 1.233 | 17.65 | 8.081 | 4.54 | 106.4 | -368 | 3 | 0.26 |
| 4/15/2012 | 22:15:33 | 21.32 | 1.233 | 17.65 | 8.08 | 4.54 | 106.4 | -368 | 3 | 0.26 |
| 4/15/2012 | 22:20:33 | 21.32 | 1.233 | 17.64 | 8.075 | 4.54 | 106.4 | -369 | 3 | 0.26 |
| 4/15/2012 | 22:25:33 | 21.32 | 1.233 | 17.64 | 8.073 | 4.54 | 106.3 | -369 | 3 | 0.27 |
| 4/15/2012 | 22:30:33 | 21.32 | 1.233 | 17.64 | 8.069 | 4.54 | 106.3 | -369 | 3 | 0.26 |
| 4/15/2012 | 22:35:33 | 21.32 | 1.233 | 17.64 | 8.068 | 4.54 | 106.3 | -369 | 3 | 0.26 |
| 4/15/2012 | 22:40:33 | 21.32 | 1.234 | 17.64 | 8.063 | 4.54 | 106.3 | -370 | 3 | 0.26 |
| 4/15/2012 | 22:45:33 | 21.32 | 1.233 | 17.64 | 8.06 | 4.54 | 106.3 | -370 | 3 | 0.26 |
| 4/15/2012 | 22:50:33 | 21.32 | 1.234 | 17.64 | 8.057 | 4.54 | 106.3 | -370 | 3 | 0.26 |
| 4/15/2012 | 22:55:33 | 21.32 | 1.233 | 17.63 | 8.052 | 4.54 | 106.3 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:00:33 | 21.32 | 1.234 | 17.63 | 8.05 | 4.54 | 106.3 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:05:33 | 21.32 | 1.234 | 17.63 | 8.048 | 4.54 | 106.3 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:10:33 | 21.32 | 1.234 | 17.63 | 8.043 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:15:33 | 21.32 | 1.233 | 17.63 | 8.039 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:20:33 | 21.32 | 1.233 | 17.63 | 8.035 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:25:33 | 21.32 | 1.234 | 17.63 | 8.032 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:30:33 | 21.32 | 1.234 | 17.62 | 8.028 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:35:33 | 21.32 | 1.234 | 17.62 | 8.025 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:40:33 | 21.32 | 1.234 | 17.62 | 8.022 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:45:33 | 21.32 | 1.234 | 17.62 | 8.019 | 4.54 | 106.4 | -371 | 3 | 0.26 |
| 4/15/2012 | 23:50:33 | 21.33 | 1.234 | 17.62 | 8.018 | 4.54 | 106.4 | -372 | 3 | 0.26 |
| 4/15/2012 | 23:55:33 | 21.33 | 1.235 | 17.62 | 8.014 | 4.54 | 106.3 | -372 | 3 | 0.26 |
| 4/16/2012 | 0:00:33 | 21.33 | 1.235 | 17.62 | 8.014 | 4.54 | 106.3 | -372 | 3 | 0.26 |
| 4/16/2012 | 0:05:33 | 21.33 | 1.235 | 17.62 | 8.012 | 4.54 | 106.2 | -372 | 3 | 0.26 |
| 4/16/2012 | 0:10:33 | 21.33 | 1.235 | 17.62 | 8.009 | 4.55 | 106.1 | -373 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 0:15:33 | 21.33 | 1.235 | 17.62 | 8.007 | 4.55 | 106 | -373 | 3 | 0.26 |
| 4/16/2012 | 0:20:33 | 21.33 | 1.235 | 17.61 | 8.003 | 4.55 | 105.9 | -372 | 3 | 0.26 |
| 4/16/2012 | 0:25:33 | 21.33 | 1.235 | 17.61 | 8.003 | 4.55 | 105.8 | -371 | 3 | 0.26 |
| 4/16/2012 | 0:30:33 | 21.33 | 1.234 | 17.61 | 8.002 | 4.55 | 105.8 | -371 | 3 | 0.26 |
| 4/16/2012 | 0:35:33 | 21.33 | 1.234 | 17.61 | 8 | 4.55 | 105.8 | -371 | 3 | 0.26 |
| 4/16/2012 | 0:40:33 | 21.33 | 1.233 | 17.61 | 7.997 | 4.55 | 105.6 | -370 | 3 | 0.26 |
| 4/16/2012 | 0:45:33 | 21.33 | 1.233 | 17.61 | 7.996 | 4.56 | 105.4 | -370 | 3 | 0.26 |
| 4/16/2012 | 0:50:33 | 21.33 | 1.233 | 17.61 | 7.993 | 4.56 | 105.3 | -370 | 3 | 0.26 |
| 4/16/2012 | 0:55:33 | 21.33 | 1.233 | 17.61 | 7.991 | 4.56 | 105.2 | -369 | 3 | 0.26 |
| 4/16/2012 | 1:00:33 | 21.33 | 1.232 | 17.61 | 7.99 | 4.56 | 105 | -369 | 3 | 0.26 |
| 4/16/2012 | 1:05:33 | 21.33 | 1.231 | 17.61 | 7.989 | 4.57 | 104.9 | -368 | 3 | 0.26 |
| 4/16/2012 | 1:10:33 | 21.33 | 1.231 | 17.61 | 7.989 | 4.56 | 105.1 | -367 | 3 | 0.26 |
| 4/16/2012 | 1:15:33 | 21.33 | 1.23 | 17.61 | 7.985 | 4.56 | 105 | -367 | 3 | 0.26 |
| 4/16/2012 | 1:20:33 | 21.33 | 1.23 | 17.6 | 7.983 | 4.56 | 105.1 | -368 | 3 | 0.26 |
| 4/16/2012 | 1:25:33 | 21.33 | 1.229 | 17.6 | 7.983 | 4.57 | 104.7 | -368 | 3 | 0.26 |
| 4/16/2012 | 1:30:33 | 21.33 | 1.228 | 17.6 | 7.981 | 4.57 | 104.7 | -368 | 3 | 0.26 |
| 4/16/2012 | 1:35:33 | 21.33 | 1.228 | 17.6 | 7.98 | 4.57 | 104.8 | -369 | 3 | 0.26 |
| 4/16/2012 | 1:40:33 | 21.33 | 1.228 | 17.6 | 7.978 | 4.57 | 104.9 | -370 | 3 | 0.26 |
| 4/16/2012 | 1:45:33 | 21.33 | 1.228 | 17.6 | 7.976 | 4.57 | 104.7 | -370 | 3 | 0.26 |
| 4/16/2012 | 1:50:33 | 21.33 | 1.229 | 17.6 | 7.975 | 4.57 | 104.8 | -371 | 3 | 0.26 |
| 4/16/2012 | 1:55:33 | 21.33 | 1.229 | 17.6 | 7.974 | 4.56 | 105 | -372 | 3 | 0.26 |
| 4/16/2012 | 2:00:33 | 21.33 | 1.229 | 17.6 | 7.974 | 4.56 | 105.2 | -372 | 3 | 0.26 |
| 4/16/2012 | 2:05:33 | 21.33 | 1.229 | 17.6 | 7.971 | 4.56 | 105.3 | -373 | 3 | 0.26 |
| 4/16/2012 | 2:10:33 | 21.33 | 1.228 | 17.6 | 7.971 | 4.56 | 105.3 | -374 | 3 | 0.26 |
| 4/16/2012 | 2:15:33 | 21.33 | 1.228 | 17.6 | 7.972 | 4.56 | 105.2 | -375 | 3 | 0.26 |
| 4/16/2012 | 2:20:33 | 21.33 | 1.227 | 17.6 | 7.969 | 4.56 | 105.5 | -375 | 3 | 0.26 |
| 4/16/2012 | 2:25:33 | 21.33 | 1.226 | 17.6 | 7.969 | 4.56 | 105.3 | -375 | 3 | 0.26 |
| 4/16/2012 | 2:30:33 | 21.33 | 1.226 | 17.6 | 7.968 | 4.56 | 105 | -375 | 3 | 0.26 |
| 4/16/2012 | 2:35:33 | 21.33 | 1.226 | 17.6 | 7.966 | 4.57 | 104.6 | -374 | 3 | 0.26 |
| 4/16/2012 | 2:40:33 | 21.33 | 1.226 | 17.6 | 7.967 | 4.57 | 104.6 | -375 | 3 | 0.26 |
| 4/16/2012 | 2:45:33 | 21.33 | 1.226 | 17.6 | 7.963 | 4.57 | 104.5 | -375 | 3 | 0.26 |
| 4/16/2012 | 2:50:33 | 21.33 | 1.226 | 17.6 | 7.964 | 4.57 | 104.4 | -376 | 3 | 0.26 |
| 4/16/2012 | 2:55:33 | 21.33 | 1.226 | 17.6 | 7.963 | 4.57 | 104.8 | -376 | 3 | 0.26 |
| 4/16/2012 | 3:00:33 | 21.33 | 1.226 | 17.6 | 7.962 | 4.57 | 105 | -376 | 3 | 0.26 |
| 4/16/2012 | 3:05:33 | 21.33 | 1.226 | 17.59 | 7.96 | 4.57 | 105 | -377 | 3 | 0.26 |
| 4/16/2012 | 3:10:33 | 21.33 | 1.226 | 17.59 | 7.96 | 4.57 | 104.7 | -377 | 3 | 0.26 |
| 4/16/2012 | 3:15:33 | 21.33 | 1.226 | 17.59 | 7.959 | 4.56 | 105 | -377 | 3 | 0.26 |
| 4/16/2012 | 3:20:33 | 21.33 | 1.226 | 17.59 | 7.959 | 4.56 | 105.5 | -377 | 3 | 0.26 |
| 4/16/2012 | 3:25:33 | 21.33 | 1.226 | 17.59 | 7.96 | 4.55 | 105.8 | -377 | 3 | 0.26 |
| 4/16/2012 | 3:30:33 | 21.33 | 1.226 | 17.59 | 7.958 | 4.57 | 105 | -377 | 3 | 0.26 |
| 4/16/2012 | 3:35:33 | 21.33 | 1.225 | 17.59 | 7.958 | 4.57 | 104.7 | -375 | 3 | 0.26 |
| 4/16/2012 | 3:40:33 | 21.33 | 1.226 | 17.59 | 7.956 | 4.57 | 105 | -375 | 3 | 0.26 |
| 4/16/2012 | 3:45:33 | 21.33 | 1.226 | 17.59 | 7.956 | 4.56 | 105.1 | -376 | 3 | 0.26 |
| 4/16/2012 | 3:50:33 | 21.33 | 1.226 | 17.59 | 7.958 | 4.56 | 105.5 | -378 | 3 | 0.26 |
| 4/16/2012 | 3:55:33 | 21.33 | 1.226 | 17.59 | 7.959 | 4.55 | 105.8 | -379 | 3 | 0.26 |
| 4/16/2012 | 4:00:33 | 21.33 | 1.226 | 17.59 | 7.958 | 4.55 | 105.7 | -379 | 3 | 0.26 |
| 4/16/2012 | 4:05:33 | 21.33 | 1.226 | 17.59 | 7.96 | 4.55 | 105.9 | -380 | 3 | 0.26 |
| 4/16/2012 | 4:10:33 | 21.33 | 1.226 | 17.6 | 7.961 | 4.55 | 105.8 | -381 | 3 | 0.26 |
| 4/16/2012 | 4:15:33 | 21.33 | 1.226 | 17.6 | 7.962 | 4.55 | 106 | -381 | 3 | 0.26 |
| 4/16/2012 | 4:20:33 | 21.33 | 1.226 | 17.6 | 7.962 | 4.54 | 106.3 | -382 | 3 | 0.26 |
| 4/16/2012 | 4:25:33 | 21.33 | 1.226 | 17.6 | 7.965 | 4.54 | 106.1 | -381 | 3 | 0.26 |
| 4/16/2012 | 4:30:33 | 21.33 | 1.226 | 17.6 | 7.965 | 4.54 | 106.3 | -382 | 3 | 0.26 |
| 4/16/2012 | 4:35:33 | 21.33 | 1.226 | 17.6 | 7.967 | 4.54 | 106.3 | -382 | 3 | 0.26 |
| 4/16/2012 | 4:40:33 | 21.33 | 1.226 | 17.6 | 7.967 | 4.54 | 106.3 | -383 | 3 | 0.26 |
| 4/16/2012 | 4:45:33 | 21.33 | 1.226 | 17.6 | 7.969 | 4.54 | 106.2 | -383 | 3 | 0.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 4:50:33 | 21.33 | 1.226 | 17.6 | 7.975 | 4.54 | 106.3 | -383 | 3 | 0.26 |
| 4/16/2012 | 4:55:33 | 21.33 | 1.226 | 17.6 | 7.975 | 4.54 | 106.3 | -384 | 3 | 0.26 |
| 4/16/2012 | 5:00:33 | 21.33 | 1.226 | 17.6 | 7.977 | 4.54 | 106.4 | -384 | 3 | 0.26 |
| 4/16/2012 | 5:05:33 | 21.33 | 1.226 | 17.6 | 7.976 | 4.54 | 106.6 | -384 | 3 | 0.26 |
| 4/16/2012 | 5:10:33 | 21.33 | 1.226 | 17.6 | 7.979 | 4.53 | 106.9 | -385 | 3 | 0.26 |
| 4/16/2012 | 5:15:33 | 21.33 | 1.226 | 17.6 | 7.983 | 4.53 | 107.1 | -385 | 3 | 0.26 |
| 4/16/2012 | 5:20:33 | 21.33 | 1.226 | 17.6 | 7.983 | 4.53 | 107.2 | -386 | 3 | 0.26 |
| 4/16/2012 | 5:25:33 | 21.33 | 1.226 | 17.61 | 7.985 | 4.52 | 107.4 | -386 | 3 | 0.26 |
| 4/16/2012 | 5:30:33 | 21.33 | 1.226 | 17.61 | 7.988 | 4.52 | 107.4 | -386 | 3 | 0.26 |
| 4/16/2012 | 5:35:33 | 21.33 | 1.226 | 17.61 | 7.992 | 4.52 | 107.4 | -387 | 3 | 0.26 |
| 4/16/2012 | 5:40:33 | 21.33 | 1.226 | 17.61 | 7.993 | 4.52 | 107.5 | -387 | 3 | 0.26 |
| 4/16/2012 | 5:45:33 | 21.33 | 1.226 | 17.61 | 7.996 | 4.52 | 107.5 | -387 | 3 | 0.26 |
| 4/16/2012 | 5:50:33 | 21.33 | 1.226 | 17.61 | 8.001 | 4.52 | 107.6 | -388 | 3 | 0.26 |
| 4/16/2012 | 5:55:33 | 21.33 | 1.226 | 17.61 | 8.003 | 4.52 | 107.8 | -388 | 3 | 0.26 |
| 4/16/2012 | 6:00:33 | 21.33 | 1.226 | 17.62 | 8.007 | 4.51 | 107.8 | -388 | 3 | 0.26 |
| 4/16/2012 | 6:05:33 | 21.33 | 1.226 | 17.62 | 8.011 | 4.51 | 108 | -388 | 3 | 0.26 |
| 4/16/2012 | 6:10:33 | 21.33 | 1.226 | 17.62 | 8.013 | 4.51 | 107.9 | -389 | 3 | 0.26 |
| 4/16/2012 | 6:15:33 | 21.33 | 1.226 | 17.62 | 8.017 | 4.52 | 107.8 | -389 | 3 | 0.26 |
| 4/16/2012 | 6:20:33 | 21.33 | 1.226 | 17.62 | 8.022 | 4.52 | 107.5 | -389 | 3 | 0.26 |
| 4/16/2012 | 6:25:33 | 21.33 | 1.226 | 17.62 | 8.024 | 4.52 | 107.3 | -389 | 3 | 0.26 |
| 4/16/2012 | 6:30:33 | 21.33 | 1.226 | 17.62 | 8.029 | 4.53 | 107.2 | -389 | 3 | 0.26 |
| 4/16/2012 | 6:35:33 | 21.33 | 1.227 | 17.63 | 8.034 | 4.53 | 107 | -389 | 3 | 0.26 |
| 4/16/2012 | 6:40:33 | 21.33 | 1.226 | 17.63 | 8.036 | 4.53 | 106.9 | -390 | 3 | 0.26 |
| 4/16/2012 | 6:45:33 | 21.33 | 1.226 | 17.63 | 8.042 | 4.53 | 106.8 | -390 | 3 | 0.26 |
| 4/16/2012 | 6:50:33 | 21.33 | 1.227 | 17.63 | 8.045 | 4.54 | 106.7 | -390 | 3 | 0.26 |
| 4/16/2012 | 6:55:33 | 21.33 | 1.227 | 17.63 | 8.049 | 4.54 | 106.6 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:00:33 | 21.33 | 1.227 | 17.63 | 8.052 | 4.54 | 106.6 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:05:33 | 21.33 | 1.227 | 17.64 | 8.056 | 4.54 | 106.6 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:10:33 | 21.33 | 1.227 | 17.64 | 8.06 | 4.54 | 106.6 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:15:33 | 21.34 | 1.227 | 17.64 | 8.064 | 4.54 | 106.6 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:20:33 | 21.34 | 1.227 | 17.64 | 8.068 | 4.54 | 106.7 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:25:33 | 21.34 | 1.227 | 17.64 | 8.072 | 4.54 | 106.7 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:30:33 | 21.34 | 1.227 | 17.64 | 8.075 | 4.54 | 106.7 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:35:33 | 21.34 | 1.227 | 17.65 | 8.077 | 4.53 | 106.8 | -391 | 3 | 0.27 |
| 4/16/2012 | 7:40:33 | 21.34 | 1.227 | 17.65 | 8.082 | 4.53 | 106.8 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:45:33 | 21.34 | 1.227 | 17.65 | 8.086 | 4.53 | 106.9 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:50:33 | 21.34 | 1.227 | 17.65 | 8.089 | 4.53 | 106.9 | -391 | 3 | 0.26 |
| 4/16/2012 | 7:55:33 | 21.34 | 1.228 | 17.65 | 8.09 | 4.53 | 106.9 | -392 | 3 | 0.27 |
| 4/16/2012 | 8:00:33 | 21.34 | 1.228 | 17.65 | 8.092 | 4.53 | 107.1 | -392 | 3 | 0.26 |
| 4/16/2012 | 8:05:33 | 21.34 | 1.228 | 17.65 | 8.094 | 4.53 | 107.1 | -392 | 3 | 0.27 |
| 4/16/2012 | 8:10:33 | 21.34 | 1.229 | 17.65 | 8.098 | 4.53 | 107.2 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:15:33 | 21.34 | 1.229 | 17.66 | 8.1 | 4.53 | 107.2 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:20:33 | 21.34 | 1.229 | 17.66 | 8.101 | 4.53 | 107.2 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:25:33 | 21.34 | 1.229 | 17.66 | 8.105 | 4.53 | 107.2 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:30:33 | 21.34 | 1.23 | 17.66 | 8.105 | 4.52 | 107.3 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:35:33 | 21.34 | 1.23 | 17.66 | 8.106 | 4.52 | 107.2 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:40:33 | 21.34 | 1.23 | 17.66 | 8.107 | 4.52 | 107.3 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:45:33 | 21.34 | 1.231 | 17.66 | 8.107 | 4.52 | 107.3 | -393 | 3 | 0.27 |
| 4/16/2012 | 8:50:33 | 21.34 | 1.231 | 17.66 | 8.11 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 8:55:33 | 21.34 | 1.231 | 17.66 | 8.11 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:00:33 | 21.34 | 1.231 | 17.66 | 8.11 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:05:33 | 21.34 | 1.232 | 17.66 | 8.108 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:10:33 | 21.34 | 1.232 | 17.66 | 8.105 | 4.52 | 107.5 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:15:33 | 21.34 | 1.232 | 17.66 | 8.106 | 4.52 | 107.5 | -393 | 3 | 0.27 |
| 4/16/2012 | 9:20:33 | 21.34 | 1.232 | 17.66 | 8.105 | 4.52 | 107.5 | -394 | 3 | 0.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 9:25:33 | 21.34 | 1.232 | 17.66 | 8.104 | 4.52 | 107.5 | -394 | 3 | 0.26 |
| 4/16/2012 | 9:30:33 | 21.34 | 1.232 | 17.66 | 8.102 | 4.52 | 107.5 | -393 | 3 | 0.27 |
| 4/16/2012 | 9:35:33 | 21.34 | 1.232 | 17.66 | 8.1 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:40:33 | 21.34 | 1.233 | 17.65 | 8.099 | 4.52 | 107.4 | -393 | 3 | 0.27 |
| 4/16/2012 | 9:45:33 | 21.34 | 1.233 | 17.65 | 8.096 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:50:33 | 21.34 | 1.233 | 17.65 | 8.094 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 9:55:33 | 21.34 | 1.233 | 17.65 | 8.091 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:00:33 | 21.34 | 1.233 | 17.65 | 8.09 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:05:33 | 21.34 | 1.233 | 17.65 | 8.089 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:10:33 | 21.34 | 1.233 | 17.65 | 8.084 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:15:33 | 21.34 | 1.233 | 17.65 | 8.082 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:20:33 | 21.34 | 1.233 | 17.65 | 8.08 | 4.52 | 107.4 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:25:33 | 21.34 | 1.233 | 17.65 | 8.078 | 4.52 | 107.5 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:30:33 | 21.34 | 1.233 | 17.64 | 8.074 | 4.52 | 107.5 | -392 | 3 | 0.26 |
| 4/16/2012 | 10:35:33 | 21.34 | 1.233 | 17.64 | 8.071 | 4.52 | 107.5 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:40:33 | 21.34 | 1.233 | 17.64 | 8.069 | 4.52 | 107.5 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:45:33 | 21.34 | 1.234 | 17.64 | 8.066 | 4.52 | 107.6 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:50:33 | 21.34 | 1.234 | 17.64 | 8.062 | 4.52 | 107.7 | -393 | 3 | 0.26 |
| 4/16/2012 | 10:55:33 | 21.34 | 1.234 | 17.64 | 8.058 | 4.52 | 107.7 | -394 | 3 | 0.26 |
| 4/16/2012 | 11:00:33 | 21.34 | 1.234 | 17.64 | 8.054 | 4.52 | 107.6 | -394 | 3 | 0.26 |
| 4/16/2012 | 11:05:33 | 21.34 | 1.234 | 17.63 | 8.051 | 4.52 | 107.6 | -394 | 3 | 0.26 |
| 4/16/2012 | 11:10:33 | 21.34 | 1.234 | 17.63 | 8.049 | 4.52 | 107.5 | -394 | 3 | 0.26 |
| 4/16/2012 | 11:15:33 | 21.34 | 1.234 | 17.63 | 8.044 | 4.52 | 107.6 | -394 | 3 | 0.26 |
| 4/16/2012 | 11:20:33 | 21.34 | 1.234 | 17.63 | 8.044 | 4.52 | 107.7 | -395 | 3 | 0.26 |
| 4/16/2012 | 11:25:33 | 21.34 | 1.234 | 17.63 | 8.039 | 4.52 | 107.7 | -395 | 3 | 0.26 |
| 4/16/2012 | 11:30:33 | 21.34 | 1.234 | 17.63 | 8.036 | 4.52 | 107.6 | -395 | 3 | 0.26 |
| 4/16/2012 | 11:35:33 | 21.34 | 1.234 | 17.63 | 8.033 | 4.52 | 107.5 | -395 | 3 | 0.26 |
| 4/16/2012 | 11:40:33 | 21.34 | 1.235 | 17.63 | 8.031 | 4.52 | 107.5 | -396 | 3 | 0.26 |
| 4/16/2012 | 11:45:33 | 21.34 | 1.234 | 17.62 | 8.026 | 4.52 | 107.5 | -396 | 3 | 0.26 |
| 4/16/2012 | 11:50:33 | 21.34 | 1.234 | 17.62 | 8.024 | 4.52 | 107.4 | -397 | 3 | 0.26 |
| 4/16/2012 | 11:55:33 | 21.34 | 1.234 | 17.62 | 8.021 | 4.52 | 107.4 | -397 | 3 | 0.26 |
| 4/16/2012 | 12:00:33 | 21.34 | 1.234 | 17.62 | 8.017 | 4.52 | 107.4 | -397 | 3 | 0.26 |
| 4/16/2012 | 12:05:33 | 21.34 | 1.235 | 17.62 | 8.016 | 4.52 | 107.3 | -397 | 3 | 0.26 |
| 4/16/2012 | 12:10:33 | 21.34 | 1.234 | 17.62 | 8.011 | 4.53 | 107.2 | -397 | 3 | 0.26 |
| 4/16/2012 | 12:15:33 | 21.34 | 1.235 | 17.62 | 8.009 | 4.53 | 107.2 | -398 | 3 | 0.26 |
| 4/16/2012 | 12:20:33 | 21.34 | 1.235 | 17.62 | 8.009 | 4.53 | 107.1 | -398 | 3 | 0.26 |
| 4/16/2012 | 12:25:33 | 21.34 | 1.235 | 17.61 | 8.004 | 4.53 | 107.2 | -398 | 3 | 0.26 |
| 4/16/2012 | 12:30:33 | 21.34 | 1.235 | 17.61 | 8.004 | 4.53 | 107.1 | -399 | 3 | 0.26 |
| 4/16/2012 | 12:35:33 | 21.34 | 1.235 | 17.61 | 8.001 | 4.53 | 107.1 | -399 | 3 | 0.26 |
| 4/16/2012 | 12:40:33 | 21.34 | 1.235 | 17.61 | 7.998 | 4.53 | 107.1 | -399 | 3 | 0.26 |
| 4/16/2012 | 12:45:33 | 21.35 | 1.235 | 17.61 | 7.994 | 4.53 | 107 | -399 | 3 | 0.26 |
| 4/16/2012 | 12:50:33 | 21.35 | 1.235 | 17.61 | 7.992 | 4.53 | 106.9 | -398 | 3 | 0.26 |
| 4/16/2012 | 12:55:33 | 21.35 | 1.236 | 17.61 | 7.992 | 4.53 | 106.8 | -398 | 3 | 0.26 |
| 4/16/2012 | 13:00:33 | 21.35 | 1.236 | 17.61 | 7.987 | 4.54 | 106.5 | -398 | 3 | 0.26 |
| 4/16/2012 | 13:05:33 | 21.35 | 1.236 | 17.61 | 7.985 | 4.54 | 106.3 | -398 | 3 | 0.26 |
| 4/16/2012 | 13:10:33 | 21.35 | 1.236 | 17.61 | 7.986 | 4.54 | 106.2 | -398 | 3 | 0.26 |
| 4/16/2012 | 13:15:33 | 21.35 | 1.236 | 17.6 | 7.981 | 4.55 | 106.1 | -398 | 3 | 0.26 |
| 4/16/2012 | 13:20:33 | 21.35 | 1.236 | 17.6 | 7.98 | 4.55 | 106 | -398 | 3 | 0.26 |
| 4/16/2012 | 13:25:33 | 21.35 | 1.236 | 17.6 | 7.976 | 4.55 | 105.9 | -397 | 3 | 0.26 |
| 4/16/2012 | 13:30:33 | 21.35 | 1.236 | 17.6 | 7.973 | 4.55 | 105.9 | -396 | 3 | 0.26 |
| 4/16/2012 | 13:35:33 | 21.35 | 1.236 | 17.6 | 7.973 | 4.55 | 105.8 | -396 | 3 | 0.26 |
| 4/16/2012 | 13:40:33 | 21.35 | 1.236 | 17.6 | 7.969 | 4.55 | 105.7 | -396 | 3 | 0.26 |
| 4/16/2012 | 13:45:33 | 21.35 | 1.237 | 17.6 | 7.969 | 4.56 | 105.5 | -396 | 3 | 0.26 |
| 4/16/2012 | 13:50:33 | 21.35 | 1.236 | 17.6 | 7.968 | 4.56 | 105.4 | -396 | 3 | 0.26 |
| 4/16/2012 | 13:55:33 | 21.35 | 1.236 | 17.6 | 7.965 | 4.56 | 105.3 | -396 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 14:00:33 | 21.35 | 1.237 | 17.6 | 7.964 | 4.56 | 105.3 | -396 | 3 | 0.26 |
| 4/16/2012 | 14:05:33 | 21.35 | 1.236 | 17.6 | 7.963 | 4.56 | 105.3 | -396 | 3 | 0.26 |
| 4/16/2012 | 14:10:33 | 21.35 | 1.236 | 17.6 | 7.962 | 4.56 | 105.2 | -396 | 3 | 0.26 |
| 4/16/2012 | 14:15:33 | 21.35 | 1.236 | 17.6 | 7.962 | 4.56 | 105.3 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:20:33 | 21.35 | 1.236 | 17.59 | 7.959 | 4.56 | 105.3 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:25:33 | 21.35 | 1.236 | 17.59 | 7.959 | 4.56 | 105.3 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:30:33 | 21.35 | 1.236 | 17.59 | 7.957 | 4.56 | 105.5 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:35:33 | 21.35 | 1.236 | 17.59 | 7.954 | 4.56 | 105.4 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:40:33 | 21.35 | 1.236 | 17.59 | 7.951 | 4.56 | 105.5 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:45:33 | 21.35 | 1.236 | 17.59 | 7.953 | 4.55 | 105.7 | -395 | 3 | 0.26 |
| 4/16/2012 | 14:50:33 | 21.35 | 1.236 | 17.59 | 7.95 | 4.55 | 105.7 | -396 | 3 | 0.26 |
| 4/16/2012 | 14:55:33 | 21.35 | 1.236 | 17.59 | 7.95 | 4.55 | 106 | -397 | 3 | 0.26 |
| 4/16/2012 | 15:00:33 | 21.35 | 1.236 | 17.59 | 7.948 | 4.55 | 106.1 | -397 | 3 | 0.26 |
| 4/16/2012 | 15:05:33 | 21.35 | 1.236 | 17.59 | 7.947 | 4.55 | 106.1 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:10:33 | 21.35 | 1.236 | 17.59 | 7.948 | 4.55 | 106 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:15:33 | 21.35 | 1.235 | 17.59 | 7.942 | 4.55 | 106 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:20:33 | 21.35 | 1.236 | 17.59 | 7.945 | 4.55 | 106.1 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:25:33 | 21.35 | 1.236 | 17.59 | 7.943 | 4.54 | 106.1 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:30:33 | 21.35 | 1.236 | 17.59 | 7.942 | 4.54 | 106.3 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:35:33 | 21.35 | 1.236 | 17.59 | 7.942 | 4.54 | 106.3 | -398 | 3 | 0.26 |
| 4/16/2012 | 15:40:33 | 21.35 | 1.236 | 17.59 | 7.941 | 4.54 | 106.2 | -399 | 3 | 0.26 |
| 4/16/2012 | 15:45:33 | 21.35 | 1.235 | 17.58 | 7.938 | 4.54 | 106.3 | -399 | 3 | 0.26 |
| 4/16/2012 | 15:50:33 | 21.35 | 1.235 | 17.59 | 7.94 | 4.54 | 106.6 | -399 | 3 | 0.26 |
| 4/16/2012 | 15:55:33 | 21.35 | 1.235 | 17.59 | 7.939 | 4.53 | 106.7 | -400 | 3 | 0.26 |
| 4/16/2012 | 16:00:33 | 21.35 | 1.235 | 17.58 | 7.937 | 4.53 | 106.8 | -400 | 3 | 0.26 |
| 4/16/2012 | 16:05:33 | 21.35 | 1.236 | 17.58 | 7.936 | 4.53 | 106.9 | -400 | 3 | 0.26 |
| 4/16/2012 | 16:10:33 | 21.35 | 1.236 | 17.58 | 7.937 | 4.53 | 107.1 | -400 | 3 | 0.26 |
| 4/16/2012 | 16:15:33 | 21.35 | 1.235 | 17.58 | 7.935 | 4.53 | 107.1 | -401 | 3 | 0.26 |
| 4/16/2012 | 16:20:33 | 21.35 | 1.236 | 17.58 | 7.935 | 4.52 | 107.3 | -401 | 3 | 0.26 |
| 4/16/2012 | 16:25:33 | 21.35 | 1.235 | 17.58 | 7.935 | 4.53 | 107.2 | -402 | 3 | 0.26 |
| 4/16/2012 | 16:30:33 | 21.35 | 1.235 | 17.58 | 7.936 | 4.53 | 107.1 | -402 | 3 | 0.26 |
| 4/16/2012 | 16:35:33 | 21.35 | 1.235 | 17.58 | 7.936 | 4.53 | 106.8 | -402 | 3 | 0.26 |
| 4/16/2012 | 16:40:33 | 21.35 | 1.235 | 17.59 | 7.939 | 4.53 | 106.8 | -402 | 3 | 0.26 |
| 4/16/2012 | 16:45:33 | 21.35 | 1.235 | 17.58 | 7.936 | 4.53 | 107.1 | -402 | 3 | 0.26 |
| 4/16/2012 | 16:50:33 | 21.35 | 1.235 | 17.59 | 7.94 | 4.53 | 107.2 | -403 | 3 | 0.26 |
| 4/16/2012 | 16:55:33 | 21.35 | 1.236 | 17.58 | 7.937 | 4.53 | 107.2 | -403 | 3 | 0.26 |
| 4/16/2012 | 17:00:33 | 21.35 | 1.236 | 17.59 | 7.942 | 4.53 | 107.2 | -403 | 3 | 0.26 |
| 4/16/2012 | 17:05:33 | 21.35 | 1.235 | 17.59 | 7.939 | 4.52 | 107.3 | -403 | 3 | 0.26 |
| 4/16/2012 | 17:10:33 | 21.35 | 1.236 | 17.59 | 7.942 | 4.53 | 107.2 | -404 | 3 | 0.26 |
| 4/16/2012 | 17:15:33 | 21.35 | 1.236 | 17.59 | 7.944 | 4.53 | 107.1 | -404 | 3 | 0.26 |
| 4/16/2012 | 17:20:33 | 21.35 | 1.236 | 17.59 | 7.945 | 4.53 | 107.2 | -404 | 3 | 0.26 |
| 4/16/2012 | 17:25:33 | 21.35 | 1.235 | 17.59 | 7.948 | 4.53 | 107.1 | -404 | 3 | 0.26 |
| 4/16/2012 | 17:30:33 | 21.35 | 1.236 | 17.59 | 7.952 | 4.53 | 107.1 | -404 | 3 | 0.26 |
| 4/16/2012 | 17:35:33 | 21.35 | 1.236 | 17.59 | 7.952 | 4.53 | 107 | -405 | 3 | 0.26 |
| 4/16/2012 | 17:40:33 | 21.35 | 1.236 | 17.59 | 7.956 | 4.53 | 106.9 | -405 | 3 | 0.26 |
| 4/16/2012 | 17:45:33 | 21.35 | 1.236 | 17.59 | 7.957 | 4.53 | 106.9 | -405 | 3 | 0.26 |
| 4/16/2012 | 17:50:33 | 21.35 | 1.236 | 17.59 | 7.959 | 4.53 | 106.8 | -404 | 3 | 0.26 |
| 4/16/2012 | 17:55:33 | 21.35 | 1.236 | 17.59 | 7.96 | 4.53 | 106.8 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:00:33 | 21.35 | 1.236 | 17.6 | 7.963 | 4.54 | 106.7 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:05:33 | 21.35 | 1.236 | 17.6 | 7.965 | 4.54 | 106.6 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:10:33 | 21.35 | 1.236 | 17.6 | 7.968 | 4.54 | 106.4 | -406 | 3 | 0.26 |
| 4/16/2012 | 18:15:33 | 21.35 | 1.236 | 17.6 | 7.97 | 4.54 | 106.4 | -406 | 3 | 0.26 |
| 4/16/2012 | 18:20:33 | 21.35 | 1.236 | 17.6 | 7.974 | 4.54 | 106.3 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:25:33 | 21.35 | 1.236 | 17.6 | 7.976 | 4.54 | 106.3 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:30:33 | 21.35 | 1.235 | 17.6 | 7.979 | 4.54 | 106.3 | -405 | 3 | 0.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 18:35:33 | 21.35 | 1.236 | 17.6 | 7.982 | 4.54 | 106.2 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:40:33 | 21.35 | 1.236 | 17.6 | 7.981 | 4.55 | 106.1 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:45:33 | 21.35 | 1.236 | 17.61 | 7.986 | 4.54 | 106.1 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:50:33 | 21.35 | 1.236 | 17.61 | 7.988 | 4.54 | 106.2 | -405 | 3 | 0.26 |
| 4/16/2012 | 18:55:33 | 21.35 | 1.236 | 17.61 | 7.993 | 4.55 | 106.1 | -405 | 3 | 0.26 |
| 4/16/2012 | 19:00:33 | 21.35 | 1.236 | 17.61 | 7.995 | 4.55 | 106.1 | -405 | 3 | 0.26 |
| 4/16/2012 | 19:05:33 | 21.35 | 1.236 | 17.61 | 8 | 4.54 | 106.2 | -405 | 3 | 0.26 |
| 4/16/2012 | 19:10:33 | 21.35 | 1.236 | 17.61 | 8.004 | 4.54 | 106.4 | -406 | 3 | 0.26 |
| 4/16/2012 | 19:15:33 | 21.35 | 1.236 | 17.61 | 8.005 | 4.54 | 106.3 | -406 | 3 | 0.26 |
| 4/16/2012 | 19:20:33 | 21.35 | 1.236 | 17.62 | 8.009 | 4.54 | 106.2 | -407 | 3 | 0.26 |
| 4/16/2012 | 19:25:33 | 21.35 | 1.236 | 17.62 | 8.011 | 4.54 | 106.3 | -408 | 3 | 0.26 |
| 4/16/2012 | 19:30:33 | 21.35 | 1.236 | 17.62 | 8.017 | 4.54 | 106.4 | -408 | 3 | 0.26 |
| 4/16/2012 | 19:35:33 | 21.35 | 1.237 | 17.62 | 8.018 | 4.54 | 106.6 | -408 | 3 | 0.26 |
| 4/16/2012 | 19:40:33 | 21.35 | 1.237 | 17.62 | 8.022 | 4.53 | 106.8 | -408 | 3 | 0.26 |
| 4/16/2012 | 19:45:33 | 21.35 | 1.237 | 17.62 | 8.025 | 4.53 | 106.8 | -408 | 3 | 0.26 |
| 4/16/2012 | 19:50:33 | 21.36 | 1.237 | 17.62 | 8.027 | 4.53 | 106.9 | -408 | 3 | 0.26 |
| 4/16/2012 | 19:55:33 | 21.36 | 1.237 | 17.63 | 8.03 | 4.53 | 106.9 | -408 | 3 | 0.26 |
| 4/16/2012 | 20:00:33 | 21.36 | 1.237 | 17.63 | 8.036 | 4.53 | 106.9 | -408 | 3 | 0.26 |
| 4/16/2012 | 20:05:33 | 21.36 | 1.237 | 17.63 | 8.038 | 4.53 | 107.1 | -408 | 3 | 0.26 |
| 4/16/2012 | 20:10:33 | 21.36 | 1.237 | 17.63 | 8.039 | 4.53 | 107.1 | -408 | 3 | 0.26 |
| 4/16/2012 | 20:15:33 | 21.36 | 1.237 | 17.63 | 8.044 | 4.53 | 107.2 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:20:33 | 21.36 | 1.237 | 17.63 | 8.046 | 4.53 | 107.2 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:25:33 | 21.36 | 1.237 | 17.63 | 8.049 | 4.53 | 107.2 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:30:33 | 21.36 | 1.237 | 17.63 | 8.049 | 4.53 | 107.2 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:35:33 | 21.36 | 1.238 | 17.63 | 8.053 | 4.53 | 107.2 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:40:33 | 21.36 | 1.238 | 17.64 | 8.055 | 4.53 | 107.2 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:45:33 | 21.36 | 1.238 | 17.64 | 8.056 | 4.52 | 107.3 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:50:33 | 21.35 | 1.239 | 17.64 | 8.061 | 4.52 | 107.4 | -409 | 3 | 0.26 |
| 4/16/2012 | 20:55:33 | 21.36 | 1.239 | 17.64 | 8.061 | 4.52 | 107.4 | -408 | 3 | 0.26 |
| 4/16/2012 | 21:00:33 | 21.36 | 1.239 | 17.64 | 8.063 | 4.52 | 107.5 | -409 | 3 | 0.26 |
| 4/16/2012 | 21:05:33 | 21.36 | 1.24 | 17.64 | 8.064 | 4.52 | 107.6 | -409 | 3 | 0.26 |
| 4/16/2012 | 21:10:33 | 21.36 | 1.24 | 17.64 | 8.064 | 4.52 | 107.7 | -409 | 3 | 0.26 |
| 4/16/2012 | 21:15:33 | 21.36 | 1.24 | 17.64 | 8.065 | 4.52 | 107.7 | -409 | 3 | 0.26 |
| 4/16/2012 | 21:20:33 | 21.36 | 1.24 | 17.64 | 8.064 | 4.52 | 107.7 | -409 | 3 | 0.27 |
| 4/16/2012 | 21:25:33 | 21.36 | 1.241 | 17.64 | 8.064 | 4.52 | 107.8 | -409 | 3 | 0.26 |
| 4/16/2012 | 21:30:33 | 21.36 | 1.241 | 17.64 | 8.062 | 4.52 | 107.8 | -409 | 3 | 0.26 |
| 4/16/2012 | 21:35:33 | 21.36 | 1.241 | 17.64 | 8.062 | 4.51 | 107.8 | -410 | 3 | 0.26 |
| 4/16/2012 | 21:40:33 | 21.36 | 1.241 | 17.64 | 8.058 | 4.51 | 107.8 | -410 | 3 | 0.26 |
| 4/16/2012 | 21:45:33 | 21.36 | 1.242 | 17.64 | 8.059 | 4.51 | 107.8 | -410 | 3 | 0.26 |
| 4/16/2012 | 21:50:33 | 21.36 | 1.242 | 17.64 | 8.058 | 4.51 | 107.8 | -410 | 3 | 0.26 |
| 4/16/2012 | 21:55:33 | 21.36 | 1.242 | 17.64 | 8.055 | 4.51 | 107.8 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:00:33 | 21.36 | 1.242 | 17.63 | 8.053 | 4.51 | 107.9 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:05:33 | 21.36 | 1.243 | 17.63 | 8.051 | 4.51 | 108 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:10:33 | 21.36 | 1.243 | 17.63 | 8.049 | 4.51 | 108.1 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:15:33 | 21.36 | 1.242 | 17.63 | 8.046 | 4.51 | 108.2 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:20:33 | 21.36 | 1.243 | 17.63 | 8.043 | 4.51 | 108.3 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:25:33 | 21.36 | 1.243 | 17.63 | 8.043 | 4.5 | 108.4 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:30:33 | 21.36 | 1.243 | 17.63 | 8.038 | 4.5 | 108.6 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:35:33 | 21.36 | 1.243 | 17.63 | 8.035 | 4.5 | 108.7 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:40:33 | 21.36 | 1.243 | 17.63 | 8.032 | 4.5 | 108.9 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:45:33 | 21.36 | 1.243 | 17.62 | 8.026 | 4.49 | 109.1 | -410 | 3 | 0.26 |
| 4/16/2012 | 22:50:33 | 21.36 | 1.243 | 17.62 | 8.024 | 4.49 | 109.2 | -408 | 3 | 0.26 |
| 4/16/2012 | 22:55:33 | 21.36 | 1.243 | 17.62 | 8.021 | 4.49 | 109.2 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:00:33 | 21.36 | 1.243 | 17.62 | 8.019 | 4.49 | 109.2 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:05:33 | 21.36 | 1.243 | 17.62 | 8.016 | 4.49 | 109.1 | -407 | 3 | 0.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/16/2012 | 23:10:33 | 21.36 | 1.243 | 17.62 | 8.012 | 4.49 | 109.1 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:15:33 | 21.36 | 1.243 | 17.62 | 8.007 | 4.49 | 109 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:20:33 | 21.36 | 1.243 | 17.61 | 8.004 | 4.49 | 109 | -408 | 3 | 0.26 |
| 4/16/2012 | 23:25:33 | 21.36 | 1.243 | 17.61 | 8 | 4.49 | 109.1 | -408 | 3 | 0.26 |
| 4/16/2012 | 23:30:33 | 21.36 | 1.243 | 17.61 | 7.995 | 4.49 | 109 | -408 | 3 | 0.26 |
| 4/16/2012 | 23:35:33 | 21.36 | 1.243 | 17.61 | 7.992 | 4.49 | 109.1 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:40:33 | 21.36 | 1.243 | 17.61 | 7.987 | 4.49 | 109 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:45:33 | 21.36 | 1.243 | 17.61 | 7.984 | 4.49 | 108.9 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:50:33 | 21.36 | 1.243 | 17.6 | 7.98 | 4.5 | 108.9 | -407 | 3 | 0.26 |
| 4/16/2012 | 23:55:33 | 21.36 | 1.243 | 17.6 | 7.977 | 4.5 | 108.9 | -406 | 3 | 0.26 |
| 4/17/2012 | 0:00:33 | 21.36 | 1.243 | 17.6 | 7.973 | 4.5 | 108.9 | -406 | 3 | 0.26 |
| 4/17/2012 | 0:05:33 | 21.36 | 1.243 | 17.6 | 7.97 | 4.49 | 109 | -406 | 3 | 0.26 |
| 4/17/2012 | 0:10:33 | 21.36 | 1.244 | 17.6 | 7.968 | 4.5 | 108.9 | -403 | 3 | 0.26 |
| 4/17/2012 | 0:15:33 | 21.36 | 1.243 | 17.6 | 7.964 | 4.5 | 108.9 | -403 | 3 | 0.26 |
| 4/17/2012 | 0:20:33 | 21.36 | 1.243 | 17.6 | 7.962 | 4.5 | 108.8 | -403 | 3 | 0.26 |
| 4/17/2012 | 0:25:33 | 21.36 | 1.243 | 17.59 | 7.957 | 4.5 | 108.8 | -403 | 3 | 0.26 |
| 4/17/2012 | 0:30:33 | 21.36 | 1.244 | 17.59 | 7.955 | 4.5 | 108.6 | -404 | 3 | 0.26 |
| 4/17/2012 | 0:35:33 | 21.36 | 1.244 | 17.59 | 7.95 | 4.5 | 108.5 | -405 | 3 | 0.26 |
| 4/17/2012 | 0:40:33 | 21.37 | 1.244 | 17.59 | 7.949 | 4.51 | 108.4 | -406 | 3 | 0.26 |
| 4/17/2012 | 0:45:33 | 21.37 | 1.244 | 17.59 | 7.946 | 4.51 | 108.3 | -407 | 3 | 0.26 |
| 4/17/2012 | 0:50:33 | 21.37 | 1.244 | 17.59 | 7.945 | 4.51 | 108.2 | -406 | 3 | 0.26 |
| 4/17/2012 | 0:55:33 | 21.37 | 1.244 | 17.59 | 7.94 | 4.51 | 108.2 | -406 | 3 | 0.26 |
| 4/17/2012 | 1:00:33 | 21.37 | 1.244 | 17.58 | 7.937 | 4.51 | 108.1 | -406 | 3 | 0.26 |
| 4/17/2012 | 1:05:33 | 21.37 | 1.244 | 17.58 | 7.936 | 4.51 | 108 | -406 | 3 | 0.26 |
| 4/17/2012 | 1:10:33 | 21.37 | 1.244 | 17.58 | 7.933 | 4.51 | 108 | -409 | 3 | 0.26 |
| 4/17/2012 | 1:15:33 | 21.37 | 1.244 | 17.58 | 7.929 | 4.51 | 108 | -409 | 3 | 0.26 |
| 4/17/2012 | 1:20:33 | 21.37 | 1.244 | 17.58 | 7.928 | 4.51 | 108 | -408 | 3 | 0.26 |
| 4/17/2012 | 1:25:33 | 21.37 | 1.243 | 17.58 | 7.926 | 4.51 | 108 | -410 | 3 | 0.26 |
| 4/17/2012 | 1:30:33 | 21.37 | 1.243 | 17.58 | 7.921 | 4.51 | 107.9 | -410 | 3 | 0.26 |
| 4/17/2012 | 1:35:33 | 21.37 | 1.243 | 17.58 | 7.92 | 4.51 | 107.8 | -408 | 3 | 0.26 |
| 4/17/2012 | 1:40:33 | 21.37 | 1.242 | 17.58 | 7.919 | 4.52 | 107.8 | -406 | 3 | 0.26 |
| 4/17/2012 | 1:45:33 | 21.37 | 1.242 | 17.58 | 7.916 | 4.52 | 107.8 | -405 | 3 | 0.26 |
| 4/17/2012 | 1:50:33 | 21.37 | 1.242 | 17.58 | 7.915 | 4.52 | 107.7 | -403 | 3 | 0.26 |
| 4/17/2012 | 1:55:33 | 21.37 | 1.241 | 17.57 | 7.913 | 4.52 | 107.8 | -403 | 3 | 0.26 |
| 4/17/2012 | 2:00:33 | 21.37 | 1.241 | 17.57 | 7.912 | 4.52 | 107.7 | -402 | 3 | 0.26 |
| 4/17/2012 | 2:05:33 | 21.37 | 1.241 | 17.57 | 7.91 | 4.52 | 107.7 | -400 | 3 | 0.26 |
| 4/17/2012 | 2:10:33 | 21.37 | 1.24 | 17.57 | 7.907 | 4.52 | 107.7 | -399 | 3 | 0.26 |
| 4/17/2012 | 2:15:33 | 21.37 | 1.24 | 17.57 | 7.904 | 4.52 | 107.7 | -398 | 3 | 0.26 |
| 4/17/2012 | 2:20:33 | 21.37 | 1.24 | 17.57 | 7.905 | 4.52 | 107.7 | -397 | 3 | 0.26 |
| 4/17/2012 | 2:25:33 | 21.37 | 1.24 | 17.57 | 7.904 | 4.52 | 107.8 | -396 | 3 | 0.26 |
| 4/17/2012 | 2:30:33 | 21.37 | 1.24 | 17.57 | 7.902 | 4.52 | 107.8 | -396 | 3 | 0.26 |
| 4/17/2012 | 2:35:33 | 21.37 | 1.24 | 17.57 | 7.9 | 4.51 | 107.8 | -398 | 3 | 0.26 |
| 4/17/2012 | 2:40:33 | 21.37 | 1.239 | 17.57 | 7.9 | 4.51 | 107.9 | -398 | 3 | 0.26 |
| 4/17/2012 | 2:45:33 | 21.37 | 1.239 | 17.57 | 7.898 | 4.51 | 107.9 | -399 | 3 | 0.26 |
| 4/17/2012 | 2:50:33 | 21.37 | 1.239 | 17.57 | 7.896 | 4.51 | 107.8 | -398 | 3 | 0.26 |
| 4/17/2012 | 2:55:33 | 21.37 | 1.239 | 17.57 | 7.893 | 4.52 | 107.8 | -397 | 3 | 0.26 |
| 4/17/2012 | 3:00:33 | 21.37 | 1.239 | 17.57 | 7.894 | 4.52 | 107.8 | -396 | 3 | 0.26 |
| 4/17/2012 | 3:05:33 | 21.37 | 1.239 | 17.57 | 7.894 | 4.52 | 107.7 | -395 | 3 | 0.26 |
| 4/17/2012 | 3:10:33 | 21.37 | 1.239 | 17.56 | 7.891 | 4.52 | 107.8 | -395 | 3 | 0.26 |
| 4/17/2012 | 3:15:33 | 21.37 | 1.239 | 17.56 | 7.891 | 4.51 | 107.9 | -395 | 3 | 0.26 |
| 4/17/2012 | 3:20:33 | 21.37 | 1.238 | 17.56 | 7.889 | 4.51 | 108 | -396 | 3 | 0.26 |
| 4/17/2012 | 3:25:33 | 21.37 | 1.238 | 17.56 | 7.889 | 4.51 | 108 | -397 | 3 | 0.26 |
| 4/17/2012 | 3:30:33 | 21.37 | 1.238 | 17.56 | 7.89 | 4.51 | 108 | -398 | 3 | 0.26 |
| 4/17/2012 | 3:35:33 | 21.37 | 1.238 | 17.56 | 7.889 | 4.51 | 107.9 | -399 | 3 | 0.26 |
| 4/17/2012 | 3:40:33 | 21.37 | 1.238 | 17.56 | 7.89 | 4.52 | 107.7 | -398 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 3:45:33 | 21.37 | 1.238 | 17.56 | 7.887 | 4.52 | 107.5 | -400 | 3 | 0.26 |
| 4/17/2012 | 3:50:33 | 21.37 | 1.238 | 17.56 | 7.89 | 4.53 | 107.2 | -401 | 3 | 0.26 |
| 4/17/2012 | 3:55:33 | 21.37 | 1.238 | 17.56 | 7.89 | 4.53 | 107.1 | -402 | 3 | 0.26 |
| 4/17/2012 | 4:00:33 | 21.37 | 1.238 | 17.56 | 7.888 | 4.53 | 107.1 | -402 | 3 | 0.26 |
| 4/17/2012 | 4:05:33 | 21.37 | 1.238 | 17.56 | 7.886 | 4.53 | 107 | -402 | 3 | 0.26 |
| 4/17/2012 | 4:10:33 | 21.37 | 1.238 | 17.55 | 7.861 | 4.53 | 106.9 | -400 | 3 | 0.26 |
| 4/17/2012 | 4:15:33 | 21.37 | 1.238 | 17.55 | 7.866 | 4.53 | 106.9 | -398 | 3 | 0.26 |
| 4/17/2012 | 4:20:33 | 21.37 | 1.237 | 17.56 | 7.876 | 4.53 | 106.8 | -397 | 3 | 0.26 |
| 4/17/2012 | 4:25:33 | 21.37 | 1.237 | 17.56 | 7.882 | 4.54 | 106.5 | -397 | 3 | 0.26 |
| 4/17/2012 | 4:30:33 | 21.37 | 1.237 | 17.56 | 7.884 | 4.54 | 106.4 | -397 | 3 | 0.26 |
| 4/17/2012 | 4:35:33 | 21.37 | 1.237 | 17.56 | 7.888 | 4.53 | 106.8 | -397 | 3 | 0.26 |
| 4/17/2012 | 4:40:33 | 21.37 | 1.237 | 17.56 | 7.889 | 4.53 | 107.2 | -398 | 3 | 0.26 |
| 4/17/2012 | 4:45:33 | 21.37 | 1.236 | 17.56 | 7.89 | 4.52 | 107.5 | -399 | 3 | 0.26 |
| 4/17/2012 | 4:50:33 | 21.37 | 1.236 | 17.56 | 7.89 | 4.52 | 107.6 | -400 | 3 | 0.26 |
| 4/17/2012 | 4:55:33 | 21.37 | 1.236 | 17.57 | 7.892 | 4.51 | 108.3 | -402 | 3 | 0.26 |
| 4/17/2012 | 5:00:33 | 21.37 | 1.237 | 17.57 | 7.894 | 4.51 | 108.2 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:05:33 | 21.37 | 1.237 | 17.57 | 7.896 | 4.52 | 107.7 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:10:33 | 21.37 | 1.236 | 17.57 | 7.897 | 4.52 | 107.4 | -403 | 3 | 0.26 |
| 4/17/2012 | 5:15:33 | 21.37 | 1.236 | 17.57 | 7.897 | 4.52 | 107.4 | -403 | 3 | 0.26 |
| 4/17/2012 | 5:20:33 | 21.37 | 1.236 | 17.57 | 7.901 | 4.52 | 107.4 | -403 | 3 | 0.26 |
| 4/17/2012 | 5:25:33 | 21.37 | 1.235 | 17.57 | 7.902 | 4.52 | 107.6 | -403 | 3 | 0.26 |
| 4/17/2012 | 5:30:33 | 21.37 | 1.235 | 17.57 | 7.903 | 4.52 | 107.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:35:33 | 21.37 | 1.235 | 17.57 | 7.903 | 4.52 | 107.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:40:33 | 21.37 | 1.235 | 17.57 | 7.906 | 4.52 | 107.6 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:45:33 | 21.37 | 1.235 | 17.57 | 7.91 | 4.52 | 107.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:50:33 | 21.37 | 1.235 | 17.57 | 7.912 | 4.52 | 107.4 | -404 | 3 | 0.26 |
| 4/17/2012 | 5:55:33 | 21.37 | 1.235 | 17.57 | 7.914 | 4.52 | 107.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 6:00:33 | 21.37 | 1.235 | 17.58 | 7.915 | 4.52 | 107.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 6:05:33 | 21.37 | 1.235 | 17.58 | 7.919 | 4.52 | 107.4 | -404 | 3 | 0.26 |
| 4/17/2012 | 6:10:33 | 21.37 | 1.235 | 17.58 | 7.921 | 4.52 | 107.5 | -405 | 3 | 0.26 |
| 4/17/2012 | 6:15:33 | 21.37 | 1.235 | 17.58 | 7.923 | 4.52 | 107.6 | -405 | 3 | 0.26 |
| 4/17/2012 | 6:20:33 | 21.37 | 1.235 | 17.58 | 7.926 | 4.52 | 107.6 | -405 | 3 | 0.26 |
| 4/17/2012 | 6:25:33 | 21.37 | 1.235 | 17.58 | 7.93 | 4.52 | 107.7 | -406 | 3 | 0.26 |
| 4/17/2012 | 6:30:33 | 21.37 | 1.235 | 17.58 | 7.932 | 4.52 | 107.5 | -406 | 3 | 0.26 |
| 4/17/2012 | 6:35:33 | 21.37 | 1.235 | 17.58 | 7.936 | 4.52 | 107.6 | -406 | 3 | 0.26 |
| 4/17/2012 | 6:40:33 | 21.37 | 1.235 | 17.59 | 7.941 | 4.52 | 107.4 | -406 | 3 | 0.26 |
| 4/17/2012 | 6:45:33 | 21.37 | 1.235 | 17.59 | 7.944 | 4.53 | 107.1 | -406 | 3 | 0.26 |
| 4/17/2012 | 6:50:33 | 21.37 | 1.235 | 17.59 | 7.947 | 4.53 | 107.2 | -406 | 3 | 0.26 |
| 4/17/2012 | 6:55:33 | 21.38 | 1.235 | 17.59 | 7.95 | 4.53 | 107.2 | -406 | 3 | 0.26 |
| 4/17/2012 | 7:00:33 | 21.38 | 1.236 | 17.59 | 7.955 | 4.52 | 107.4 | -407 | 3 | 0.26 |
| 4/17/2012 | 7:05:33 | 21.37 | 1.236 | 17.59 | 7.959 | 4.52 | 107.5 | -408 | 3 | 0.26 |
| 4/17/2012 | 7:10:33 | 21.38 | 1.236 | 17.6 | 7.963 | 4.52 | 107.6 | -409 | 3 | 0.26 |
| 4/17/2012 | 7:15:33 | 21.37 | 1.236 | 17.6 | 7.967 | 4.51 | 107.8 | -409 | 3 | 0.26 |
| 4/17/2012 | 7:20:33 | 21.38 | 1.236 | 17.6 | 7.971 | 4.51 | 108.1 | -410 | 3 | 0.26 |
| 4/17/2012 | 7:25:33 | 21.38 | 1.236 | 17.6 | 7.973 | 4.51 | 108.2 | -410 | 3 | 0.26 |
| 4/17/2012 | 7:30:33 | 21.37 | 1.236 | 17.6 | 7.976 | 4.51 | 108.1 | -410 | 3 | 0.26 |
| 4/17/2012 | 7:35:33 | 21.37 | 1.236 | 17.6 | 7.981 | 4.51 | 108.1 | -411 | 3 | 0.26 |
| 4/17/2012 | 7:40:33 | 21.37 | 1.236 | 17.6 | 7.982 | 4.51 | 108.3 | -411 | 3 | 0.26 |
| 4/17/2012 | 7:45:33 | 21.37 | 1.236 | 17.61 | 7.986 | 4.51 | 108.3 | -411 | 3 | 0.26 |
| 4/17/2012 | 7:50:33 | 21.37 | 1.236 | 17.61 | 7.991 | 4.51 | 108.3 | -411 | 3 | 0.26 |
| 4/17/2012 | 7:55:33 | 21.37 | 1.236 | 17.61 | 7.994 | 4.5 | 108.4 | -411 | 3 | 0.26 |
| 4/17/2012 | 8:00:33 | 21.37 | 1.236 | 17.61 | 7.999 | 4.5 | 108.5 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:05:33 | 21.37 | 1.236 | 17.61 | 8.001 | 4.5 | 108.8 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:10:33 | 21.37 | 1.236 | 17.61 | 8.004 | 4.5 | 108.9 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:15:33 | 21.37 | 1.236 | 17.62 | 8.01 | 4.49 | 108.9 | -411 | 3 | 0.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 8:20:33 | 21.37 | 1.236 | 17.62 | 8.015 | 4.49 | 109.1 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:25:33 | 21.37 | 1.236 | 17.62 | 8.016 | 4.49 | 109.1 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:30:33 | 21.37 | 1.236 | 17.62 | 8.017 | 4.49 | 109.2 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:35:33 | 21.37 | 1.236 | 17.62 | 8.021 | 4.49 | 109.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:40:33 | 21.37 | 1.236 | 17.62 | 8.026 | 4.49 | 109.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:45:33 | 21.37 | 1.236 | 17.63 | 8.03 | 4.49 | 109.4 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:50:33 | 21.38 | 1.236 | 17.63 | 8.032 | 4.49 | 109.4 | -412 | 3 | 0.26 |
| 4/17/2012 | 8:55:33 | 21.38 | 1.236 | 17.63 | 8.035 | 4.49 | 109.4 | -412 | 3 | 0.26 |
| 4/17/2012 | 9:00:33 | 21.38 | 1.236 | 17.63 | 8.038 | 4.49 | 109.4 | -411 | 3 | 0.26 |
| 4/17/2012 | 9:05:33 | 21.38 | 1.236 | 17.63 | 8.04 | 4.49 | 109.5 | -411 | 3 | 0.26 |
| 4/17/2012 | 9:10:33 | 21.38 | 1.236 | 17.63 | 8.044 | 4.49 | 109.4 | -410 | 3 | 0.26 |
| 4/17/2012 | 9:15:33 | 21.38 | 1.236 | 17.63 | 8.047 | 4.49 | 109.4 | -411 | 3 | 0.26 |
| 4/17/2012 | 9:20:33 | 21.38 | 1.236 | 17.63 | 8.046 | 4.49 | 109.4 | -412 | 3 | 0.26 |
| 4/17/2012 | 9:25:33 | 21.38 | 1.237 | 17.63 | 8.047 | 4.49 | 109.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 9:30:33 | 21.38 | 1.237 | 17.63 | 8.049 | 4.49 | 109.3 | -413 | 3 | 0.26 |
| 4/17/2012 | 9:35:33 | 21.38 | 1.237 | 17.63 | 8.051 | 4.49 | 109.4 | -413 | 3 | 0.26 |
| 4/17/2012 | 9:40:33 | 21.38 | 1.237 | 17.63 | 8.046 | 4.49 | 109.4 | -413 | 3 | 0.26 |
| 4/17/2012 | 9:45:33 | 21.38 | 1.237 | 17.63 | 8.046 | 4.48 | 109.7 | -414 | 3 | 0.26 |
| 4/17/2012 | 9:50:33 | 21.38 | 1.237 | 17.63 | 8.046 | 4.48 | 109.8 | -414 | 3 | 0.26 |
| 4/17/2012 | 9:55:33 | 21.38 | 1.237 | 17.63 | 8.044 | 4.48 | 109.9 | -414 | 3 | 0.26 |
| 4/17/2012 | 10:00:33 | 21.38 | 1.238 | 17.63 | 8.043 | 4.48 | 110 | -414 | 3 | 0.26 |
| 4/17/2012 | 10:05:33 | 21.38 | 1.238 | 17.63 | 8.039 | 4.48 | 110 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:10:33 | 21.38 | 1.238 | 17.63 | 8.036 | 4.48 | 110 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:15:33 | 21.38 | 1.238 | 17.63 | 8.037 | 4.48 | 110 | -414 | 3 | 0.26 |
| 4/17/2012 | 10:20:33 | 21.38 | 1.239 | 17.63 | 8.034 | 4.48 | 110 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:25:33 | 21.38 | 1.239 | 17.63 | 8.033 | 4.48 | 110 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:30:33 | 21.38 | 1.239 | 17.62 | 8.029 | 4.48 | 109.9 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:35:33 | 21.38 | 1.239 | 17.62 | 8.029 | 4.48 | 109.9 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:40:33 | 21.38 | 1.24 | 17.62 | 8.023 | 4.48 | 109.9 | -415 | 3 | 0.26 |
| 4/17/2012 | 10:45:33 | 21.38 | 1.24 | 17.62 | 8.023 | 4.48 | 109.9 | -414 | 3 | 0.26 |
| 4/17/2012 | 10:50:33 | 21.38 | 1.24 | 17.62 | 8.02 | 4.48 | 109.9 | -414 | 3 | 0.26 |
| 4/17/2012 | 10:55:33 | 21.38 | 1.24 | 17.62 | 8.016 | 4.48 | 109.9 | -414 | 3 | 0.26 |
| 4/17/2012 | 11:00:33 | 21.38 | 1.24 | 17.62 | 8.012 | 4.48 | 109.9 | -414 | 3 | 0.26 |
| 4/17/2012 | 11:05:33 | 21.38 | 1.24 | 17.62 | 8.008 | 4.48 | 109.9 | -415 | 3 | 0.26 |
| 4/17/2012 | 11:10:33 | 21.38 | 1.241 | 17.62 | 8.009 | 4.48 | 109.9 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:15:33 | 21.38 | 1.241 | 17.61 | 8.004 | 4.48 | 109.9 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:20:33 | 21.38 | 1.24 | 17.61 | 8 | 4.48 | 109.9 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:25:33 | 21.38 | 1.241 | 17.61 | 7.994 | 4.48 | 109.9 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:30:33 | 21.38 | 1.241 | 17.61 | 7.991 | 4.48 | 109.9 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:35:33 | 21.38 | 1.241 | 17.61 | 7.986 | 4.48 | 109.9 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:40:33 | 21.38 | 1.241 | 17.6 | 7.984 | 4.48 | 109.8 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:45:33 | 21.38 | 1.241 | 17.6 | 7.982 | 4.48 | 109.8 | -416 | 3 | 0.26 |
| 4/17/2012 | 11:50:33 | 21.38 | 1.241 | 17.6 | 7.976 | 4.48 | 109.7 | -415 | 3 | 0.26 |
| 4/17/2012 | 11:55:33 | 21.38 | 1.241 | 17.6 | 7.973 | 4.48 | 109.7 | -415 | 3 | 0.26 |
| 4/17/2012 | 12:00:33 | 21.38 | 1.241 | 17.6 | 7.97 | 4.48 | 109.8 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:05:33 | 21.38 | 1.241 | 17.6 | 7.964 | 4.48 | 109.8 | -415 | 3 | 0.26 |
| 4/17/2012 | 12:10:33 | 21.38 | 1.241 | 17.59 | 7.96 | 4.48 | 109.8 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:15:33 | 21.38 | 1.241 | 17.59 | 7.957 | 4.48 | 109.8 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:20:33 | 21.38 | 1.241 | 17.59 | 7.954 | 4.48 | 109.7 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:25:33 | 21.38 | 1.241 | 17.59 | 7.95 | 4.48 | 109.7 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:30:33 | 21.38 | 1.241 | 17.59 | 7.946 | 4.48 | 109.7 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:35:33 | 21.38 | 1.24 | 17.59 | 7.941 | 4.48 | 109.6 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:40:33 | 21.38 | 1.241 | 17.59 | 7.939 | 4.49 | 109.5 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:45:33 | 21.38 | 1.241 | 17.58 | 7.936 | 4.49 | 109.4 | -416 | 3 | 0.26 |
| 4/17/2012 | 12:50:33 | 21.38 | 1.241 | 17.58 | 7.932 | 4.49 | 109.4 | -416 | 3 | 0.26 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 12:55:33 | 21.38 | 1.241 | 17.58 | 7.93 | 4.49 | 109.4 | -416 | 3 | 0.26 |
| 4/17/2012 | 13:00:33 | 21.38 | 1.241 | 17.58 | 7.924 | 4.49 | 109.3 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:05:33 | 21.38 | 1.241 | 17.58 | 7.921 | 4.49 | 109.2 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:10:33 | 21.38 | 1.241 | 17.58 | 7.92 | 4.49 | 109.1 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:15:33 | 21.38 | 1.241 | 17.58 | 7.918 | 4.49 | 109 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:20:33 | 21.39 | 1.24 | 17.57 | 7.913 | 4.5 | 108.8 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:25:33 | 21.39 | 1.24 | 17.57 | 7.913 | 4.5 | 108.8 | -414 | 3 | 0.26 |
| 4/17/2012 | 13:30:33 | 21.39 | 1.24 | 17.57 | 7.911 | 4.5 | 108.6 | -414 | 3 | 0.26 |
| 4/17/2012 | 13:35:33 | 21.39 | 1.24 | 17.57 | 7.909 | 4.5 | 108.7 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:40:33 | 21.39 | 1.24 | 17.57 | 7.905 | 4.5 | 108.5 | -416 | 3 | 0.26 |
| 4/17/2012 | 13:45:33 | 21.39 | 1.24 | 17.57 | 7.901 | 4.51 | 108.3 | -415 | 3 | 0.26 |
| 4/17/2012 | 13:50:33 | 21.39 | 1.24 | 17.57 | 7.899 | 4.51 | 108.2 | -414 | 3 | 0.26 |
| 4/17/2012 | 13:55:33 | 21.39 | 1.239 | 17.57 | 7.898 | 4.51 | 108.1 | -412 | 3 | 0.26 |
| 4/17/2012 | 14:00:33 | 21.39 | 1.239 | 17.57 | 7.898 | 4.51 | 108 | -411 | 3 | 0.26 |
| 4/17/2012 | 14:05:33 | 21.39 | 1.239 | 17.57 | 7.896 | 4.51 | 107.9 | -410 | 3 | 0.26 |
| 4/17/2012 | 14:10:33 | 21.39 | 1.239 | 17.57 | 7.894 | 4.52 | 107.8 | -408 | 3 | 0.26 |
| 4/17/2012 | 14:15:33 | 21.39 | 1.238 | 17.56 | 7.891 | 4.52 | 107.8 | -406 | 3 | 0.26 |
| 4/17/2012 | 14:20:33 | 21.39 | 1.238 | 17.56 | 7.887 | 4.52 | 107.7 | -404 | 3 | 0.26 |
| 4/17/2012 | 14:25:33 | 21.39 | 1.238 | 17.56 | 7.886 | 4.52 | 107.5 | -402 | 3 | 0.26 |
| 4/17/2012 | 14:30:33 | 21.39 | 1.238 | 17.56 | 7.883 | 4.52 | 107.6 | -402 | 3 | 0.26 |
| 4/17/2012 | 14:35:33 | 21.39 | 1.237 | 17.56 | 7.881 | 4.52 | 107.7 | -402 | 3 | 0.26 |
| 4/17/2012 | 14:40:33 | 21.39 | 1.237 | 17.56 | 7.879 | 4.52 | 107.8 | -403 | 3 | 0.26 |
| 4/17/2012 | 14:45:33 | 21.39 | 1.237 | 17.56 | 7.877 | 4.52 | 107.7 | -403 | 3 | 0.26 |
| 4/17/2012 | 14:50:33 | 21.39 | 1.237 | 17.56 | 7.874 | 4.52 | 107.7 | -403 | 3 | 0.26 |
| 4/17/2012 | 14:55:33 | 21.39 | 1.236 | 17.56 | 7.871 | 4.52 | 107.7 | -401 | 3 | 0.26 |
| 4/17/2012 | 15:00:33 | 21.39 | 1.236 | 17.55 | 7.868 | 4.52 | 107.6 | -401 | 3 | 0.26 |
| 4/17/2012 | 15:05:33 | 21.39 | 1.236 | 17.55 | 7.865 | 4.52 | 107.6 | -400 | 3 | 0.26 |
| 4/17/2012 | 15:10:33 | 21.39 | 1.236 | 17.55 | 7.863 | 4.52 | 107.5 | -399 | 3 | 0.26 |
| 4/17/2012 | 15:15:33 | 21.39 | 1.235 | 17.55 | 7.863 | 4.52 | 107.5 | -399 | 3 | 0.26 |
| 4/17/2012 | 15:20:33 | 21.39 | 1.235 | 17.55 | 7.859 | 4.52 | 107.5 | -400 | 3 | 0.26 |
| 4/17/2012 | 15:25:33 | 21.39 | 1.235 | 17.55 | 7.857 | 4.52 | 107.5 | -401 | 3 | 0.26 |
| 4/17/2012 | 15:30:33 | 21.39 | 1.235 | 17.55 | 7.86 | 4.52 | 107.4 | -401 | 3 | 0.26 |
| 4/17/2012 | 15:35:33 | 21.39 | 1.235 | 17.55 | 7.86 | 4.52 | 107.5 | -400 | 3 | 0.26 |
| 4/17/2012 | 15:40:33 | 21.39 | 1.234 | 17.55 | 7.859 | 4.52 | 107.4 | -400 | 3 | 0.26 |
| 4/17/2012 | 15:45:33 | 21.39 | 1.234 | 17.55 | 7.858 | 4.53 | 107.2 | -399 | 3 | 0.26 |
| 4/17/2012 | 15:50:33 | 21.39 | 1.234 | 17.55 | 7.856 | 4.52 | 107.4 | -400 | 3 | 0.26 |
| 4/17/2012 | 15:55:33 | 21.39 | 1.234 | 17.55 | 7.853 | 4.52 | 107.5 | -400 | 3 | 0.26 |
| 4/17/2012 | 16:00:33 | 21.39 | 1.234 | 17.55 | 7.852 | 4.52 | 107.8 | -401 | 3 | 0.26 |
| 4/17/2012 | 16:05:33 | 21.39 | 1.234 | 17.55 | 7.85 | 4.51 | 108 | -402 | 3 | 0.26 |
| 4/17/2012 | 16:10:33 | 21.39 | 1.234 | 17.55 | 7.851 | 4.51 | 107.8 | -402 | 3 | 0.26 |
| 4/17/2012 | 16:15:33 | 21.39 | 1.233 | 17.55 | 7.849 | 4.52 | 107.7 | -403 | 3 | 0.26 |
| 4/17/2012 | 16:20:33 | 21.39 | 1.233 | 17.55 | 7.849 | 4.52 | 107.5 | -403 | 3 | 0.26 |
| 4/17/2012 | 16:25:33 | 21.39 | 1.233 | 17.55 | 7.847 | 4.52 | 107.5 | -402 | 3 | 0.26 |
| 4/17/2012 | 16:30:33 | 21.39 | 1.233 | 17.55 | 7.849 | 4.52 | 107.6 | -402 | 3 | 0.26 |
| 4/17/2012 | 16:35:33 | 21.39 | 1.233 | 17.55 | 7.846 | 4.52 | 107.6 | -403 | 3 | 0.26 |
| 4/17/2012 | 16:40:33 | 21.39 | 1.233 | 17.54 | 7.843 | 4.52 | 107.8 | -404 | 3 | 0.26 |
| 4/17/2012 | 16:45:33 | 21.39 | 1.232 | 17.54 | 7.845 | 4.52 | 107.8 | -404 | 3 | 0.26 |
| 4/17/2012 | 16:50:33 | 21.39 | 1.232 | 17.54 | 7.843 | 4.52 | 107.5 | -403 | 3 | 0.26 |
| 4/17/2012 | 16:55:33 | 21.39 | 1.232 | 17.55 | 7.845 | 4.52 | 107.3 | -403 | 3 | 0.26 |
| 4/17/2012 | 17:00:33 | 21.39 | 1.232 | 17.54 | 7.844 | 4.53 | 107.2 | -402 | 3 | 0.26 |
| 4/17/2012 | 17:05:33 | 21.39 | 1.232 | 17.54 | 7.843 | 4.53 | 107.2 | -402 | 3 | 0.26 |
| 4/17/2012 | 17:10:33 | 21.39 | 1.232 | 17.54 | 7.843 | 4.53 | 107.2 | -402 | 3 | 0.26 |
| 4/17/2012 | 17:15:33 | 21.39 | 1.232 | 17.54 | 7.844 | 4.52 | 107.3 | -403 | 3 | 0.26 |
| 4/17/2012 | 17:20:33 | 21.39 | 1.232 | 17.54 | 7.843 | 4.52 | 107.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 17:25:33 | 21.39 | 1.231 | 17.54 | 7.843 | 4.52 | 107.6 | -403 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 17:30:33 | 21.39 | 1.231 | 17.54 | 7.843 | 4.53 | 107.2 | -402 | 3 | 0.26 |
| 4/17/2012 | 17:35:33 | 21.39 | 1.232 | 17.54 | 7.844 | 4.53 | 107.1 | -403 | 3 | 0.26 |
| 4/17/2012 | 17:40:33 | 21.39 | 1.232 | 17.54 | 7.845 | 4.53 | 107.2 | -403 | 3 | 0.26 |
| 4/17/2012 | 17:45:33 | 21.39 | 1.232 | 17.55 | 7.848 | 4.52 | 107.3 | -403 | 3 | 0.26 |
| 4/17/2012 | 17:50:33 | 21.39 | 1.231 | 17.55 | 7.849 | 4.53 | 107.2 | -403 | 3 | 0.26 |
| 4/17/2012 | 17:55:33 | 21.39 | 1.232 | 17.55 | 7.851 | 4.52 | 107.5 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:00:33 | 21.39 | 1.232 | 17.55 | 7.853 | 4.52 | 107.7 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:05:33 | 21.39 | 1.232 | 17.55 | 7.854 | 4.51 | 107.8 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:10:33 | 21.39 | 1.231 | 17.55 | 7.857 | 4.51 | 108.1 | -404 | 3 | 0.26 |
| 4/17/2012 | 18:15:33 | 21.39 | 1.231 | 17.55 | 7.86 | 4.51 | 108.2 | -405 | 3 | 0.26 |
| 4/17/2012 | 18:20:33 | 21.39 | 1.232 | 17.55 | 7.861 | 4.5 | 108.5 | -404 | 3 | 0.26 |
| 4/17/2012 | 18:25:33 | 21.39 | 1.231 | 17.55 | 7.864 | 4.5 | 108.6 | -404 | 3 | 0.26 |
| 4/17/2012 | 18:30:33 | 21.39 | 1.232 | 17.55 | 7.868 | 4.5 | 108.7 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:35:33 | 21.39 | 1.231 | 17.56 | 7.868 | 4.5 | 108.8 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:40:33 | 21.39 | 1.232 | 17.56 | 7.872 | 4.49 | 109 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:45:33 | 21.39 | 1.231 | 17.56 | 7.877 | 4.5 | 108.9 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:50:33 | 21.39 | 1.231 | 17.56 | 7.877 | 4.5 | 108.9 | -403 | 3 | 0.26 |
| 4/17/2012 | 18:55:33 | 21.39 | 1.231 | 17.56 | 7.876 | 4.5 | 108.9 | -404 | 3 | 0.26 |
| 4/17/2012 | 19:00:33 | 21.39 | 1.231 | 17.56 | 7.883 | 4.49 | 109.1 | -404 | 3 | 0.26 |
| 4/17/2012 | 19:05:33 | 21.39 | 1.231 | 17.56 | 7.884 | 4.49 | 109.1 | -404 | 3 | 0.26 |
| 4/17/2012 | 19:10:33 | 21.39 | 1.231 | 17.56 | 7.886 | 4.49 | 109.1 | -404 | 3 | 0.26 |
| 4/17/2012 | 19:15:33 | 21.39 | 1.23 | 17.56 | 7.889 | 4.49 | 109.1 | -404 | 3 | 0.26 |
| 4/17/2012 | 19:20:33 | 21.39 | 1.23 | 17.57 | 7.893 | 4.49 | 109.2 | -404 | 3 | 0.26 |
| 4/17/2012 | 19:25:33 | 21.39 | 1.23 | 17.57 | 7.893 | 4.49 | 109.3 | -405 | 3 | 0.26 |
| 4/17/2012 | 19:30:33 | 21.39 | 1.23 | 17.57 | 7.897 | 4.49 | 109.4 | -405 | 3 | 0.26 |
| 4/17/2012 | 19:35:33 | 21.39 | 1.23 | 17.57 | 7.901 | 4.48 | 109.6 | -405 | 3 | 0.26 |
| 4/17/2012 | 19:40:33 | 21.39 | 1.231 | 17.57 | 7.904 | 4.48 | 109.6 | -406 | 3 | 0.26 |
| 4/17/2012 | 19:45:33 | 21.39 | 1.231 | 17.57 | 7.907 | 4.48 | 109.7 | -406 | 3 | 0.26 |
| 4/17/2012 | 19:50:33 | 21.39 | 1.231 | 17.57 | 7.908 | 4.48 | 109.7 | -406 | 3 | 0.26 |
| 4/17/2012 | 19:55:33 | 21.39 | 1.231 | 17.57 | 7.913 | 4.48 | 109.8 | -406 | 3 | 0.26 |
| 4/17/2012 | 20:00:33 | 21.39 | 1.231 | 17.58 | 7.917 | 4.48 | 109.8 | -407 | 3 | 0.26 |
| 4/17/2012 | 20:05:33 | 21.39 | 1.231 | 17.58 | 7.921 | 4.48 | 109.9 | -407 | 3 | 0.26 |
| 4/17/2012 | 20:10:33 | 21.39 | 1.231 | 17.58 | 7.923 | 4.48 | 109.9 | -408 | 3 | 0.26 |
| 4/17/2012 | 20:15:33 | 21.39 | 1.231 | 17.58 | 7.927 | 4.48 | 110 | -408 | 3 | 0.26 |
| 4/17/2012 | 20:20:33 | 21.39 | 1.231 | 17.58 | 7.931 | 4.47 | 110.2 | -408 | 3 | 0.26 |
| 4/17/2012 | 20:25:33 | 21.39 | 1.231 | 17.58 | 7.934 | 4.47 | 110.4 | -409 | 3 | 0.26 |
| 4/17/2012 | 20:30:33 | 21.39 | 1.231 | 17.58 | 7.935 | 4.47 | 110.5 | -409 | 3 | 0.26 |
| 4/17/2012 | 20:35:33 | 21.39 | 1.231 | 17.59 | 7.94 | 4.46 | 110.7 | -410 | 3 | 0.26 |
| 4/17/2012 | 20:40:33 | 21.39 | 1.231 | 17.59 | 7.945 | 4.47 | 110.6 | -410 | 3 | 0.26 |
| 4/17/2012 | 20:45:33 | 21.39 | 1.231 | 17.59 | 7.947 | 4.47 | 110.5 | -410 | 3 | 0.26 |
| 4/17/2012 | 20:50:33 | 21.39 | 1.232 | 17.59 | 7.951 | 4.47 | 110.4 | -411 | 3 | 0.26 |
| 4/17/2012 | 20:55:33 | 21.39 | 1.232 | 17.59 | 7.954 | 4.47 | 110.2 | -411 | 3 | 0.26 |
| 4/17/2012 | 21:00:33 | 21.39 | 1.232 | 17.59 | 7.957 | 4.48 | 110.1 | -411 | 3 | 0.26 |
| 4/17/2012 | 21:05:33 | 21.39 | 1.233 | 17.6 | 7.963 | 4.48 | 110 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:10:33 | 21.39 | 1.233 | 17.6 | 7.963 | 4.48 | 110 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:15:33 | 21.39 | 1.233 | 17.6 | 7.968 | 4.47 | 110.2 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:20:33 | 21.39 | 1.234 | 17.6 | 7.972 | 4.47 | 110.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:25:33 | 21.39 | 1.234 | 17.6 | 7.975 | 4.47 | 110.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:30:33 | 21.39 | 1.234 | 17.6 | 7.975 | 4.47 | 110.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:35:33 | 21.39 | 1.235 | 17.6 | 7.977 | 4.47 | 110.3 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:40:33 | 21.39 | 1.235 | 17.6 | 7.977 | 4.47 | 110.1 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:45:33 | 21.39 | 1.235 | 17.6 | 7.978 | 4.48 | 109.9 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:50:33 | 21.39 | 1.236 | 17.6 | 7.983 | 4.48 | 109.7 | -412 | 3 | 0.26 |
| 4/17/2012 | 21:55:33 | 21.39 | 1.236 | 17.61 | 7.987 | 4.48 | 109.6 | -412 | 3 | 0.26 |
| 4/17/2012 | 22:00:33 | 21.39 | 1.236 | 17.61 | 7.988 | 4.49 | 109.5 | -413 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/17/2012 | 22:05:33 | 21.39 | 1.236 | 17.61 | 7.987 | 4.49 | 109.5 | -412 | 3 | 0.26 |
| 4/17/2012 | 22:10:33 | 21.39 | 1.237 | 17.61 | 7.986 | 4.49 | 109.4 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:15:33 | 21.39 | 1.236 | 17.6 | 7.982 | 4.49 | 109.4 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:20:33 | 21.39 | 1.237 | 17.6 | 7.982 | 4.49 | 109.5 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:25:33 | 21.4 | 1.237 | 17.6 | 7.982 | 4.49 | 109.6 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:30:33 | 21.39 | 1.237 | 17.6 | 7.982 | 4.48 | 109.6 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:35:33 | 21.4 | 1.237 | 17.6 | 7.979 | 4.48 | 109.7 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:40:33 | 21.4 | 1.237 | 17.6 | 7.976 | 4.48 | 109.9 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:45:33 | 21.4 | 1.237 | 17.6 | 7.975 | 4.48 | 110 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:50:33 | 21.4 | 1.237 | 17.6 | 7.974 | 4.48 | 110.1 | -413 | 3 | 0.26 |
| 4/17/2012 | 22:55:33 | 21.4 | 1.237 | 17.6 | 7.97 | 4.47 | 110.3 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:00:33 | 21.4 | 1.237 | 17.6 | 7.968 | 4.47 | 110.4 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:05:33 | 21.4 | 1.237 | 17.6 | 7.966 | 4.47 | 110.5 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:10:33 | 21.4 | 1.237 | 17.6 | 7.962 | 4.47 | 110.6 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:15:33 | 21.4 | 1.237 | 17.59 | 7.958 | 4.47 | 110.7 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:20:33 | 21.4 | 1.238 | 17.59 | 7.954 | 4.46 | 110.8 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:25:33 | 21.4 | 1.238 | 17.59 | 7.953 | 4.46 | 110.8 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:30:33 | 21.4 | 1.239 | 17.59 | 7.948 | 4.46 | 110.8 | -412 | 3 | 0.26 |
| 4/17/2012 | 23:35:33 | 21.4 | 1.239 | 17.59 | 7.945 | 4.46 | 110.8 | -413 | 3 | 0.26 |
| 4/17/2012 | 23:40:33 | 21.4 | 1.239 | 17.59 | 7.941 | 4.47 | 110.7 | -412 | 3 | 0.26 |
| 4/17/2012 | 23:45:33 | 21.4 | 1.239 | 17.59 | 7.939 | 4.47 | 110.7 | -410 | 3 | 0.26 |
| 4/17/2012 | 23:50:33 | 21.4 | 1.239 | 17.58 | 7.935 | 4.46 | 110.7 | -409 | 3 | 0.26 |
| 4/17/2012 | 23:55:33 | 21.4 | 1.238 | 17.58 | 7.932 | 4.47 | 110.7 | -408 | 3 | 0.26 |
| 4/18/2012 | 0:00:33 | 21.4 | 1.238 | 17.58 | 7.927 | 4.47 | 110.6 | -407 | 3 | 0.26 |
| 4/18/2012 | 0:05:33 | 21.4 | 1.239 | 17.58 | 7.923 | 4.47 | 110.6 | -407 | 3 | 0.26 |
| 4/18/2012 | 0:10:33 | 21.4 | 1.239 | 17.58 | 7.92 | 4.47 | 110.7 | -406 | 3 | 0.26 |
| 4/18/2012 | 0:15:33 | 21.4 | 1.239 | 17.58 | 7.92 | 4.46 | 110.7 | -406 | 3 | 0.26 |
| 4/18/2012 | 0:20:33 | 21.4 | 1.239 | 17.58 | 7.918 | 4.46 | 110.7 | -406 | 3 | 0.26 |
| 4/18/2012 | 0:25:33 | 21.4 | 1.239 | 17.57 | 7.913 | 4.46 | 110.7 | -406 | 3 | 0.26 |
| 4/18/2012 | 0:30:33 | 21.4 | 1.239 | 17.57 | 7.909 | 4.47 | 110.7 | -407 | 3 | 0.26 |
| 4/18/2012 | 0:35:33 | 21.4 | 1.239 | 17.57 | 7.906 | 4.47 | 110.7 | -408 | 3 | 0.26 |
| 4/18/2012 | 0:40:33 | 21.4 | 1.239 | 17.57 | 7.901 | 4.47 | 110.6 | -408 | 3 | 0.26 |
| 4/18/2012 | 0:45:33 | 21.4 | 1.239 | 17.57 | 7.896 | 4.47 | 110.6 | -408 | 3 | 0.26 |
| 4/18/2012 | 0:50:33 | 21.4 | 1.238 | 17.56 | 7.891 | 4.47 | 110.5 | -409 | 3 | 0.26 |
| 4/18/2012 | 0:55:33 | 21.4 | 1.239 | 17.56 | 7.886 | 4.47 | 110.4 | -409 | 3 | 0.26 |
| 4/18/2012 | 1:00:33 | 21.4 | 1.239 | 17.56 | 7.882 | 4.47 | 110.2 | -409 | 3 | 0.26 |
| 4/18/2012 | 1:05:33 | 21.4 | 1.239 | 17.56 | 7.875 | 4.47 | 110.1 | -409 | 3 | 0.26 |
| 4/18/2012 | 1:10:33 | 21.4 | 1.239 | 17.56 | 7.871 | 4.48 | 110 | -410 | 3 | 0.26 |
| 4/18/2012 | 1:15:33 | 21.4 | 1.239 | 17.56 | 7.869 | 4.48 | 109.9 | -411 | 3 | 0.26 |
| 4/18/2012 | 1:20:33 | 21.4 | 1.239 | 17.55 | 7.864 | 4.48 | 110 | -411 | 3 | 0.26 |
| 4/18/2012 | 1:25:33 | 21.4 | 1.239 | 17.55 | 7.859 | 4.48 | 110.1 | -411 | 3 | 0.26 |
| 4/18/2012 | 1:30:33 | 21.4 | 1.239 | 17.55 | 7.854 | 4.47 | 110.1 | -412 | 3 | 0.26 |
| 4/18/2012 | 1:35:33 | 21.4 | 1.239 | 17.55 | 7.851 | 4.47 | 110.1 | -412 | 3 | 0.26 |
| 4/18/2012 | 1:40:33 | 21.4 | 1.239 | 17.54 | 7.845 | 4.48 | 110 | -412 | 3 | 0.26 |
| 4/18/2012 | 1:45:33 | 21.41 | 1.239 | 17.54 | 7.842 | 4.48 | 110 | -411 | 3 | 0.26 |
| 4/18/2012 | 1:50:33 | 21.4 | 1.239 | 17.54 | 7.838 | 4.48 | 109.9 | -411 | 3 | 0.26 |
| 4/18/2012 | 1:55:33 | 21.4 | 1.239 | 17.54 | 7.833 | 4.48 | 109.9 | -411 | 3 | 0.26 |
| 4/18/2012 | 2:00:33 | 21.41 | 1.239 | 17.54 | 7.83 | 4.48 | 109.9 | -411 | 3 | 0.26 |
| 4/18/2012 | 2:05:33 | 21.41 | 1.239 | 17.54 | 7.825 | 4.48 | 109.9 | -410 | 3 | 0.26 |
| 4/18/2012 | 2:10:33 | 21.41 | 1.239 | 17.53 | 7.821 | 4.48 | 109.9 | -410 | 3 | 0.26 |
| 4/18/2012 | 2:15:33 | 21.41 | 1.239 | 17.53 | 7.82 | 4.48 | 109.9 | -409 | 3 | 0.26 |
| 4/18/2012 | 2:20:33 | 21.41 | 1.239 | 17.53 | 7.816 | 4.48 | 109.8 | -409 | 3 | 0.26 |
| 4/18/2012 | 2:25:33 | 21.41 | 1.239 | 17.53 | 7.814 | 4.48 | 109.8 | -409 | 3 | 0.26 |
| 4/18/2012 | 2:30:33 | 21.41 | 1.239 | 17.53 | 7.815 | 4.48 | 109.7 | -409 | 3 | 0.26 |
| 4/18/2012 | 2:35:33 | 21.41 | 1.239 | 17.53 | 7.812 | 4.48 | 109.6 | -409 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 2:40:33 | 21.41 | 1.239 | 17.53 | 7.81 | 4.48 | 109.6 | -408 | 3 | 0.26 |
| 4/18/2012 | 2:45:33 | 21.41 | 1.239 | 17.53 | 7.806 | 4.48 | 109.6 | -408 | 3 | 0.26 |
| 4/18/2012 | 2:50:33 | 21.41 | 1.239 | 17.53 | 7.804 | 4.48 | 109.7 | -407 | 3 | 0.26 |
| 4/18/2012 | 2:55:33 | 21.41 | 1.239 | 17.53 | 7.803 | 4.48 | 109.7 | -406 | 3 | 0.26 |
| 4/18/2012 | 3:00:33 | 21.41 | 1.239 | 17.52 | 7.799 | 4.48 | 109.6 | -406 | 3 | 0.26 |
| 4/18/2012 | 3:05:33 | 21.41 | 1.239 | 17.52 | 7.794 | 4.48 | 109.6 | -406 | 3 | 0.26 |
| 4/18/2012 | 3:10:33 | 21.41 | 1.238 | 17.52 | 7.79 | 4.48 | 109.6 | -406 | 3 | 0.26 |
| 4/18/2012 | 3:15:33 | 21.41 | 1.238 | 17.52 | 7.789 | 4.49 | 109.5 | -406 | 3 | 0.26 |
| 4/18/2012 | 3:20:33 | 21.41 | 1.237 | 17.52 | 7.792 | 4.49 | 109.3 | -405 | 3 | 0.26 |
| 4/18/2012 | 3:25:33 | 21.41 | 1.237 | 17.52 | 7.791 | 4.49 | 109.2 | -403 | 3 | 0.26 |
| 4/18/2012 | 3:30:33 | 21.41 | 1.237 | 17.52 | 7.789 | 4.49 | 109.3 | -402 | 3 | 0.26 |
| 4/18/2012 | 3:35:33 | 21.41 | 1.237 | 17.52 | 7.788 | 4.49 | 109.3 | -402 | 3 | 0.26 |
| 4/18/2012 | 3:40:33 | 21.41 | 1.237 | 17.52 | 7.785 | 4.49 | 109.3 | -403 | 3 | 0.26 |
| 4/18/2012 | 3:45:33 | 21.41 | 1.237 | 17.52 | 7.785 | 4.49 | 109.2 | -404 | 3 | 0.26 |
| 4/18/2012 | 3:50:33 | 21.41 | 1.237 | 17.52 | 7.782 | 4.49 | 109.1 | -404 | 3 | 0.26 |
| 4/18/2012 | 3:55:33 | 21.41 | 1.236 | 17.52 | 7.782 | 4.5 | 108.9 | -405 | 3 | 0.26 |
| 4/18/2012 | 4:00:33 | 21.41 | 1.236 | 17.52 | 7.783 | 4.5 | 108.9 | -405 | 3 | 0.26 |
| 4/18/2012 | 4:05:33 | 21.41 | 1.236 | 17.52 | 7.779 | 4.5 | 108.7 | -405 | 3 | 0.26 |
| 4/18/2012 | 4:10:33 | 21.41 | 1.236 | 17.52 | 7.778 | 4.5 | 108.5 | -403 | 3 | 0.26 |
| 4/18/2012 | 4:15:33 | 21.41 | 1.236 | 17.52 | 7.776 | 4.51 | 108.3 | -401 | 3 | 0.26 |
| 4/18/2012 | 4:20:33 | 21.41 | 1.236 | 17.51 | 7.774 | 4.51 | 108.3 | -400 | 3 | 0.26 |
| 4/18/2012 | 4:25:33 | 21.41 | 1.235 | 17.52 | 7.776 | 4.51 | 108.2 | -400 | 3 | 0.26 |
| 4/18/2012 | 4:30:33 | 21.41 | 1.236 | 17.51 | 7.772 | 4.51 | 108.3 | -399 | 3 | 0.26 |
| 4/18/2012 | 4:35:33 | 21.41 | 1.235 | 17.51 | 7.771 | 4.51 | 108.2 | -399 | 3 | 0.26 |
| 4/18/2012 | 4:40:33 | 21.41 | 1.235 | 17.51 | 7.771 | 4.51 | 108 | -398 | 3 | 0.26 |
| 4/18/2012 | 4:45:33 | 21.41 | 1.235 | 17.51 | 7.771 | 4.51 | 108 | -398 | 3 | 0.26 |
| 4/18/2012 | 4:50:33 | 21.41 | 1.234 | 17.51 | 7.775 | 4.51 | 108 | -398 | 3 | 0.26 |
| 4/18/2012 | 4:55:33 | 21.41 | 1.234 | 17.51 | 7.775 | 4.51 | 108.2 | -400 | 3 | 0.26 |
| 4/18/2012 | 5:00:33 | 21.41 | 1.234 | 17.51 | 7.774 | 4.51 | 108.2 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:05:33 | 21.41 | 1.234 | 17.51 | 7.773 | 4.51 | 108.3 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:10:33 | 21.41 | 1.233 | 17.51 | 7.774 | 4.51 | 108.2 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:15:33 | 21.41 | 1.233 | 17.51 | 7.774 | 4.51 | 107.9 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:20:33 | 21.41 | 1.233 | 17.52 | 7.776 | 4.52 | 107.8 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:25:33 | 21.41 | 1.233 | 17.51 | 7.775 | 4.52 | 107.6 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:30:33 | 21.41 | 1.233 | 17.52 | 7.775 | 4.52 | 107.7 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:35:33 | 21.41 | 1.233 | 17.52 | 7.776 | 4.52 | 107.7 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:40:33 | 21.41 | 1.233 | 17.52 | 7.779 | 4.52 | 107.7 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:45:33 | 21.41 | 1.232 | 17.52 | 7.777 | 4.52 | 107.7 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:50:33 | 21.41 | 1.232 | 17.52 | 7.778 | 4.52 | 107.8 | -401 | 3 | 0.26 |
| 4/18/2012 | 5:55:33 | 21.41 | 1.232 | 17.52 | 7.78 | 4.51 | 107.9 | -401 | 3 | 0.26 |
| 4/18/2012 | 6:00:33 | 21.41 | 1.232 | 17.52 | 7.784 | 4.51 | 107.8 | -402 | 3 | 0.26 |
| 4/18/2012 | 6:05:33 | 21.41 | 1.232 | 17.52 | 7.784 | 4.52 | 107.7 | -402 | 3 | 0.26 |
| 4/18/2012 | 6:10:33 | 21.41 | 1.231 | 17.52 | 7.788 | 4.52 | 107.8 | -403 | 3 | 0.26 |
| 4/18/2012 | 6:15:33 | 21.41 | 1.231 | 17.52 | 7.789 | 4.51 | 107.9 | -403 | 3 | 0.26 |
| 4/18/2012 | 6:20:33 | 21.41 | 1.232 | 17.52 | 7.79 | 4.51 | 108 | -404 | 3 | 0.26 |
| 4/18/2012 | 6:25:33 | 21.41 | 1.231 | 17.52 | 7.791 | 4.51 | 108.4 | -405 | 3 | 0.26 |
| 4/18/2012 | 6:30:33 | 21.41 | 1.232 | 17.52 | 7.796 | 4.51 | 108.3 | -405 | 3 | 0.26 |
| 4/18/2012 | 6:35:33 | 21.41 | 1.231 | 17.52 | 7.796 | 4.51 | 108.4 | -405 | 3 | 0.26 |
| 4/18/2012 | 6:40:33 | 21.41 | 1.231 | 17.52 | 7.799 | 4.5 | 108.5 | -405 | 3 | 0.26 |
| 4/18/2012 | 6:45:33 | 21.41 | 1.231 | 17.53 | 7.8 | 4.5 | 108.8 | -405 | 3 | 0.26 |
| 4/18/2012 | 6:50:33 | 21.41 | 1.23 | 17.53 | 7.801 | 4.5 | 108.5 | -405 | 3 | 0.26 |
| 4/18/2012 | 6:55:33 | 21.41 | 1.23 | 17.53 | 7.805 | 4.5 | 108.7 | -406 | 3 | 0.26 |
| 4/18/2012 | 7:00:33 | 21.41 | 1.23 | 17.53 | 7.807 | 4.5 | 108.6 | -406 | 3 | 0.26 |
| 4/18/2012 | 7:05:33 | 21.41 | 1.23 | 17.53 | 7.813 | 4.5 | 108.8 | -407 | 3 | 0.26 |
| 4/18/2012 | 7:10:33 | 21.41 | 1.231 | 17.53 | 7.814 | 4.5 | 108.9 | -407 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 7:15:33 | 21.41 | 1.231 | 17.53 | 7.819 | 4.49 | 109 | -408 | 3 | 0.26 |
| 4/18/2012 | 7:20:33 | 21.41 | 1.231 | 17.54 | 7.823 | 4.49 | 109.1 | -409 | 3 | 0.26 |
| 4/18/2012 | 7:25:33 | 21.41 | 1.231 | 17.54 | 7.823 | 4.49 | 109.1 | -409 | 3 | 0.26 |
| 4/18/2012 | 7:30:33 | 21.41 | 1.232 | 17.54 | 7.828 | 4.49 | 109.3 | -409 | 3 | 0.26 |
| 4/18/2012 | 7:35:33 | 21.41 | 1.232 | 17.54 | 7.831 | 4.49 | 109.4 | -409 | 3 | 0.26 |
| 4/18/2012 | 7:40:33 | 21.41 | 1.232 | 17.54 | 7.833 | 4.48 | 109.6 | -410 | 3 | 0.26 |
| 4/18/2012 | 7:45:33 | 21.41 | 1.232 | 17.54 | 7.834 | 4.48 | 109.8 | -410 | 3 | 0.26 |
| 4/18/2012 | 7:50:33 | 21.41 | 1.232 | 17.54 | 7.837 | 4.48 | 110 | -411 | 3 | 0.26 |
| 4/18/2012 | 7:55:33 | 21.41 | 1.232 | 17.54 | 7.841 | 4.47 | 110.3 | -411 | 3 | 0.26 |
| 4/18/2012 | 8:00:33 | 21.41 | 1.232 | 17.54 | 7.845 | 4.47 | 110.4 | -412 | 3 | 0.26 |
| 4/18/2012 | 8:05:33 | 21.41 | 1.232 | 17.55 | 7.85 | 4.47 | 110.6 | -412 | 3 | 0.26 |
| 4/18/2012 | 8:10:33 | 21.41 | 1.232 | 17.55 | 7.853 | 4.46 | 110.8 | -413 | 3 | 0.26 |
| 4/18/2012 | 8:15:33 | 21.41 | 1.232 | 17.55 | 7.856 | 4.46 | 110.9 | -413 | 3 | 0.26 |
| 4/18/2012 | 8:20:33 | 21.41 | 1.232 | 17.55 | 7.86 | 4.46 | 111.1 | -413 | 3 | 0.26 |
| 4/18/2012 | 8:25:33 | 21.41 | 1.232 | 17.55 | 7.863 | 4.45 | 111.3 | -413 | 3 | 0.26 |
| 4/18/2012 | 8:30:33 | 21.41 | 1.232 | 17.56 | 7.868 | 4.45 | 111.3 | -413 | 3 | 0.26 |
| 4/18/2012 | 8:35:33 | 21.41 | 1.232 | 17.56 | 7.87 | 4.45 | 111.3 | -414 | 3 | 0.26 |
| 4/18/2012 | 8:40:33 | 21.41 | 1.232 | 17.56 | 7.875 | 4.45 | 111.3 | -414 | 3 | 0.26 |
| 4/18/2012 | 8:45:33 | 21.41 | 1.232 | 17.56 | 7.877 | 4.45 | 111.3 | -414 | 3 | 0.26 |
| 4/18/2012 | 8:50:33 | 21.41 | 1.233 | 17.56 | 7.882 | 4.46 | 111.2 | -414 | 3 | 0.26 |
| 4/18/2012 | 8:55:33 | 21.41 | 1.233 | 17.56 | 7.885 | 4.46 | 111.1 | -414 | 3 | 0.26 |
| 4/18/2012 | 9:00:33 | 21.41 | 1.232 | 17.56 | 7.889 | 4.46 | 111.1 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:05:33 | 21.41 | 1.232 | 17.57 | 7.893 | 4.46 | 111 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:10:33 | 21.41 | 1.232 | 17.57 | 7.896 | 4.46 | 110.9 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:15:33 | 21.41 | 1.232 | 17.57 | 7.896 | 4.46 | 110.8 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:20:33 | 21.41 | 1.232 | 17.57 | 7.9 | 4.46 | 110.7 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:25:33 | 21.41 | 1.233 | 17.57 | 7.904 | 4.47 | 110.6 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:30:33 | 21.41 | 1.233 | 17.57 | 7.905 | 4.47 | 110.5 | -415 | 3 | 0.26 |
| 4/18/2012 | 9:35:33 | 21.41 | 1.233 | 17.57 | 7.909 | 4.47 | 110.4 | -416 | 3 | 0.26 |
| 4/18/2012 | 9:40:33 | 21.41 | 1.233 | 17.57 | 7.913 | 4.47 | 110.5 | -416 | 3 | 0.26 |
| 4/18/2012 | 9:45:33 | 21.41 | 1.233 | 17.58 | 7.917 | 4.47 | 110.5 | -416 | 3 | 0.26 |
| 4/18/2012 | 9:50:33 | 21.41 | 1.233 | 17.58 | 7.918 | 4.47 | 110.5 | -416 | 3 | 0.26 |
| 4/18/2012 | 9:55:33 | 21.42 | 1.233 | 17.58 | 7.921 | 4.47 | 110.5 | -416 | 3 | 0.26 |
| 4/18/2012 | 10:00:33 | 21.41 | 1.233 | 17.58 | 7.924 | 4.47 | 110.7 | -416 | 3 | 0.26 |
| 4/18/2012 | 10:05:33 | 21.41 | 1.234 | 17.58 | 7.926 | 4.46 | 110.9 | -416 | 3 | 0.26 |
| 4/18/2012 | 10:10:33 | 21.42 | 1.234 | 17.58 | 7.926 | 4.47 | 110.6 | -415 | 3 | 0.26 |
| 4/18/2012 | 10:15:33 | 21.41 | 1.234 | 17.58 | 7.928 | 4.47 | 110.5 | -414 | 3 | 0.26 |
| 4/18/2012 | 10:20:33 | 21.42 | 1.234 | 17.58 | 7.927 | 4.47 | 110.4 | -415 | 3 | 0.26 |
| 4/18/2012 | 10:25:33 | 21.42 | 1.234 | 17.58 | 7.924 | 4.47 | 110.3 | -416 | 3 | 0.26 |
| 4/18/2012 | 10:30:33 | 21.41 | 1.235 | 17.58 | 7.921 | 4.47 | 110.3 | -416 | 3 | 0.26 |
| 4/18/2012 | 10:35:33 | 21.41 | 1.235 | 17.58 | 7.922 | 4.47 | 110.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 10:40:33 | 21.42 | 1.235 | 17.58 | 7.923 | 4.47 | 110.2 | -417 | 3 | 0.26 |
| 4/18/2012 | 10:45:33 | 21.41 | 1.236 | 17.58 | 7.923 | 4.47 | 110.2 | -417 | 3 | 0.26 |
| 4/18/2012 | 10:50:33 | 21.41 | 1.236 | 17.58 | 7.923 | 4.47 | 110.2 | -417 | 3 | 0.26 |
| 4/18/2012 | 10:55:33 | 21.42 | 1.236 | 17.58 | 7.92 | 4.47 | 110.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:00:33 | 21.42 | 1.236 | 17.58 | 7.916 | 4.47 | 110.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:05:33 | 21.42 | 1.237 | 17.58 | 7.916 | 4.47 | 110.3 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:10:33 | 21.41 | 1.237 | 17.57 | 7.912 | 4.47 | 110.4 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:15:33 | 21.42 | 1.237 | 17.57 | 7.912 | 4.47 | 110.7 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:20:33 | 21.42 | 1.237 | 17.57 | 7.909 | 4.46 | 110.7 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:25:33 | 21.42 | 1.237 | 17.57 | 7.905 | 4.46 | 110.8 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:30:33 | 21.42 | 1.237 | 17.57 | 7.903 | 4.46 | 111 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:35:33 | 21.42 | 1.237 | 17.57 | 7.9 | 4.46 | 111.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:40:33 | 21.42 | 1.237 | 17.57 | 7.895 | 4.45 | 111.3 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:45:33 | 21.42 | 1.237 | 17.57 | 7.893 | 4.45 | 111.5 | -416 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 11:50:33 | 21.42 | 1.238 | 17.56 | 7.891 | 4.45 | 111.6 | -416 | 3 | 0.26 |
| 4/18/2012 | 11:55:33 | 21.42 | 1.238 | 17.56 | 7.887 | 4.45 | 111.7 | -415 | 3 | 0.26 |
| 4/18/2012 | 12:00:33 | 21.42 | 1.238 | 17.56 | 7.885 | 4.44 | 111.8 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:05:33 | 21.42 | 1.238 | 17.56 | 7.882 | 4.44 | 111.9 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:10:33 | 21.42 | 1.238 | 17.56 | 7.878 | 4.44 | 111.9 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:15:33 | 21.42 | 1.238 | 17.56 | 7.874 | 4.44 | 112 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:20:33 | 21.42 | 1.238 | 17.55 | 7.868 | 4.44 | 112.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:25:33 | 21.42 | 1.238 | 17.55 | 7.863 | 4.44 | 112.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:30:33 | 21.42 | 1.238 | 17.55 | 7.858 | 4.44 | 112.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:35:33 | 21.42 | 1.239 | 17.55 | 7.856 | 4.44 | 112.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:40:33 | 21.42 | 1.239 | 17.55 | 7.852 | 4.44 | 112.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:45:33 | 21.42 | 1.239 | 17.55 | 7.848 | 4.44 | 112.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:50:33 | 21.42 | 1.239 | 17.54 | 7.841 | 4.44 | 112.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 12:55:33 | 21.42 | 1.238 | 17.54 | 7.838 | 4.44 | 112.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 13:00:33 | 21.42 | 1.239 | 17.54 | 7.833 | 4.44 | 112 | -417 | 3 | 0.26 |
| 4/18/2012 | 13:05:33 | 21.42 | 1.239 | 17.54 | 7.829 | 4.44 | 112.1 | -417 | 3 | 0.26 |
| 4/18/2012 | 13:10:33 | 21.42 | 1.239 | 17.54 | 7.823 | 4.44 | 112.1 | -417 | 3 | 0.26 |
| 4/18/2012 | 13:15:33 | 21.42 | 1.239 | 17.53 | 7.821 | 4.44 | 112.1 | -417 | 3 | 0.26 |
| 4/18/2012 | 13:20:33 | 21.42 | 1.239 | 17.53 | 7.816 | 4.44 | 112 | -417 | 3 | 0.26 |
| 4/18/2012 | 13:25:33 | 21.42 | 1.234 | 17.53 | 7.814 | 4.44 | 111.9 | -417 | 3 | 0.26 |
| 4/18/2012 | 13:30:33 | 21.42 | 1.239 | 17.53 | 7.811 | 4.45 | 111.7 | -418 | 3 | 0.26 |
| 4/18/2012 | 13:35:33 | 21.43 | 1.239 | 17.53 | 7.808 | 4.45 | 111.5 | -418 | 3 | 0.26 |
| 4/18/2012 | 13:40:33 | 21.43 | 1.239 | 17.53 | 7.802 | 4.45 | 111.4 | -416 | 3 | 0.26 |
| 4/18/2012 | 13:45:33 | 21.43 | 1.239 | 17.53 | 7.803 | 4.45 | 111.3 | -414 | 3 | 0.26 |
| 4/18/2012 | 13:50:33 | 21.43 | 1.239 | 17.53 | 7.8 | 4.46 | 111.1 | -413 | 3 | 0.26 |
| 4/18/2012 | 13:55:33 | 21.42 | 1.239 | 17.52 | 7.791 | 4.46 | 111.1 | -413 | 3 | 0.26 |
| 4/18/2012 | 14:00:33 | 21.43 | 1.239 | 17.52 | 7.789 | 4.46 | 111 | -413 | 3 | 0.26 |
| 4/18/2012 | 14:05:33 | 21.43 | 1.239 | 17.52 | 7.787 | 4.46 | 111 | -413 | 3 | 0.26 |
| 4/18/2012 | 14:10:33 | 21.43 | 1.239 | 17.52 | 7.785 | 4.46 | 110.9 | -413 | 3 | 0.26 |
| 4/18/2012 | 14:15:33 | 21.42 | 1.239 | 17.52 | 7.784 | 4.46 | 110.8 | -413 | 3 | 0.26 |
| 4/18/2012 | 14:20:33 | 21.42 | 1.239 | 17.52 | 7.782 | 4.46 | 110.8 | -414 | 3 | 0.26 |
| 4/18/2012 | 14:25:33 | 21.43 | 1.239 | 17.52 | 7.778 | 4.46 | 110.8 | -413 | 3 | 0.26 |
| 4/18/2012 | 14:30:33 | 21.43 | 1.238 | 17.52 | 7.776 | 4.46 | 110.8 | -410 | 3 | 0.26 |
| 4/18/2012 | 14:35:33 | 21.43 | 1.238 | 17.51 | 7.771 | 4.47 | 110.7 | -409 | 3 | 0.26 |
| 4/18/2012 | 14:40:33 | 21.43 | 1.238 | 17.51 | 7.769 | 4.47 | 110.6 | -408 | 3 | 0.26 |
| 4/18/2012 | 14:45:33 | 21.43 | 1.238 | 17.51 | 7.767 | 4.47 | 110.6 | -407 | 3 | 0.26 |
| 4/18/2012 | 14:50:33 | 21.43 | 1.238 | 17.51 | 7.762 | 4.47 | 110.5 | -406 | 3 | 0.26 |
| 4/18/2012 | 14:55:33 | 21.43 | 1.237 | 17.51 | 7.761 | 4.47 | 110.4 | -405 | 3 | 0.26 |
| 4/18/2012 | 15:00:33 | 21.43 | 1.237 | 17.51 | 7.759 | 4.47 | 110.3 | -405 | 3 | 0.26 |
| 4/18/2012 | 15:05:33 | 21.43 | 1.236 | 17.51 | 7.757 | 4.47 | 110.3 | -403 | 3 | 0.26 |
| 4/18/2012 | 15:10:33 | 21.43 | 1.235 | 17.51 | 7.754 | 4.47 | 110.2 | -402 | 3 | 0.26 |
| 4/18/2012 | 15:15:33 | 21.43 | 1.235 | 17.5 | 7.751 | 4.48 | 110 | -400 | 3 | 0.26 |
| 4/18/2012 | 15:20:33 | 21.43 | 1.234 | 17.5 | 7.749 | 4.48 | 109.9 | -399 | 3 | 0.26 |
| 4/18/2012 | 15:25:33 | 21.43 | 1.234 | 17.5 | 7.747 | 4.48 | 109.8 | -397 | 3 | 0.26 |
| 4/18/2012 | 15:30:33 | 21.43 | 1.233 | 17.5 | 7.738 | 4.48 | 109.8 | -395 | 2.9 | 0.26 |
| 4/18/2012 | 15:35:33 | 21.43 | 1.233 | 17.5 | 7.741 | 4.48 | 109.7 | -395 | 3 | 0.26 |
| 4/18/2012 | 15:40:33 | 21.43 | 1.233 | 17.5 | 7.741 | 4.48 | 109.7 | -396 | 2.9 | 0.26 |
| 4/18/2012 | 15:45:33 | 21.43 | 1.233 | 17.5 | 7.737 | 4.48 | 109.6 | -398 | 3 | 0.26 |
| 4/18/2012 | 15:50:33 | 21.43 | 1.232 | 17.5 | 7.736 | 4.48 | 109.6 | -399 | 3 | 0.26 |
| 4/18/2012 | 15:55:33 | 21.43 | 1.231 | 17.5 | 7.735 | 4.48 | 109.6 | -400 | 3 | 0.26 |
| 4/18/2012 | 16:00:33 | 21.43 | 1.231 | 17.5 | 7.735 | 4.48 | 109.6 | -401 | 3 | 0.26 |
| 4/18/2012 | 16:05:33 | 21.43 | 1.23 | 17.5 | 7.733 | 4.49 | 109.6 | -402 | 3 | 0.26 |
| 4/18/2012 | 16:10:33 | 21.43 | 1.23 | 17.5 | 7.731 | 4.49 | 109.6 | -401 | 3 | 0.26 |
| 4/18/2012 | 16:15:33 | 21.43 | 1.229 | 17.49 | 7.729 | 4.49 | 109.5 | -402 | 3 | 0.26 |
| 4/18/2012 | 16:20:33 | 21.43 | 1.229 | 17.49 | 7.727 | 4.49 | 109.4 | -403 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 16:25:33 | 21.43 | 1.228 | 17.49 | 7.728 | 4.48 | 109.9 | -407 | 3 | 0.26 |
| 4/18/2012 | 16:30:33 | 21.43 | 1.227 | 17.49 | 7.728 | 4.48 | 109.7 | -409 | 3 | 0.26 |
| 4/18/2012 | 16:35:33 | 21.43 | 1.226 | 17.49 | 7.726 | 4.48 | 109.6 | -410 | 3 | 0.26 |
| 4/18/2012 | 16:40:33 | 21.45 | 1.206 | 17.49 | 7.724 | 4.47 | 110.3 | -411 | 2.9 | 0.26 |
| 4/18/2012 | 16:45:33 | 21.45 | 1.196 | 17.49 | 7.723 | 4.5 | 108.7 | -416 | 2.9 | 0.26 |
| 4/18/2012 | 16:50:33 | 21.45 | 1.194 | 17.49 | 7.726 | 4.51 | 108.1 | -417 | 3 | 0.26 |
| 4/18/2012 | 16:55:33 | 21.45 | 1.192 | 17.49 | 7.724 | 4.52 | 107.7 | -418 | 2.9 | 0.26 |
| 4/18/2012 | 17:00:33 | 21.45 | 1.191 | 17.49 | 7.725 | 4.52 | 107.6 | -417 | 3 | 0.26 |
| 4/18/2012 | 17:05:33 | 21.44 | 1.189 | 17.49 | 7.726 | 4.52 | 107.4 | -418 | 2.9 | 0.26 |
| 4/18/2012 | 17:10:33 | 21.44 | 1.187 | 17.49 | 7.723 | 4.53 | 107.1 | -419 | 2.9 | 0.26 |
| 4/18/2012 | 17:15:33 | 21.44 | 1.185 | 17.49 | 7.724 | 4.54 | 106.6 | -420 | 3 | 0.26 |
| 4/18/2012 | 17:20:33 | 21.44 | 1.181 | 17.49 | 7.725 | 4.55 | 106.1 | -421 | 3 | 0.26 |
| 4/18/2012 | 17:25:33 | 21.44 | 1.18 | 17.49 | 7.725 | 4.56 | 105.5 | -422 | 3 | 0.26 |
| 4/18/2012 | 17:30:33 | 21.44 | 1.18 | 17.49 | 7.726 | 4.56 | 105.3 | -422 | 3 | 0.26 |
| 4/18/2012 | 17:35:33 | 21.44 | 1.18 | 17.49 | 7.725 | 4.56 | 105.3 | -423 | 3 | 0.26 |
| 4/18/2012 | 17:40:33 | 21.44 | 1.179 | 17.49 | 7.727 | 4.57 | 105 | -423 | 3 | 0.26 |
| 4/18/2012 | 17:45:33 | 21.44 | 1.179 | 17.49 | 7.725 | 4.57 | 104.9 | -424 | 2.9 | 0.26 |
| 4/18/2012 | 17:50:33 | 21.44 | 1.179 | 17.49 | 7.728 | 4.57 | 104.6 | -424 | 3 | 0.26 |
| 4/18/2012 | 17:55:33 | 21.44 | 1.178 | 17.5 | 7.73 | 4.58 | 104.2 | -425 | 3 | 0.26 |
| 4/18/2012 | 18:00:33 | 21.44 | 1.178 | 17.5 | 7.73 | 4.58 | 104.1 | -425 | 3 | 0.26 |
| 4/18/2012 | 18:05:33 | 21.43 | 1.178 | 17.5 | 7.73 | 4.58 | 104 | -425 | 2.9 | 0.26 |
| 4/18/2012 | 18:10:33 | 21.43 | 1.179 | 17.5 | 7.733 | 4.59 | 103.9 | -425 | 2.9 | 0.26 |
| 4/18/2012 | 18:15:33 | 21.43 | 1.178 | 17.5 | 7.733 | 4.59 | 103.8 | -425 | 3 | 0.26 |
| 4/18/2012 | 18:20:33 | 21.43 | 1.178 | 17.5 | 7.736 | 4.59 | 103.8 | -424 | 2.9 | 0.26 |
| 4/18/2012 | 18:25:33 | 21.43 | 1.178 | 17.5 | 7.74 | 4.59 | 103.8 | -424 | 3 | 0.26 |
| 4/18/2012 | 18:30:33 | 21.43 | 1.178 | 17.5 | 7.741 | 4.59 | 103.8 | -424 | 2.9 | 0.26 |
| 4/18/2012 | 18:35:33 | 21.43 | 1.178 | 17.5 | 7.743 | 4.59 | 103.8 | -423 | 3 | 0.26 |
| 4/18/2012 | 18:40:33 | 21.43 | 1.178 | 17.5 | 7.744 | 4.59 | 103.9 | -423 | 2.9 | 0.26 |
| 4/18/2012 | 18:45:33 | 21.43 | 1.179 | 17.5 | 7.748 | 4.59 | 103.9 | -422 | 3 | 0.26 |
| 4/18/2012 | 18:50:33 | 21.43 | 1.179 | 17.5 | 7.752 | 4.58 | 103.9 | -421 | 3 | 0.26 |
| 4/18/2012 | 18:55:33 | 21.43 | 1.179 | 17.51 | 7.755 | 4.58 | 104 | -420 | 2.9 | 0.26 |
| 4/18/2012 | 19:00:33 | 21.43 | 1.179 | 17.51 | 7.757 | 4.58 | 104 | -419 | 3 | 0.26 |
| 4/18/2012 | 19:05:33 | 21.43 | 1.18 | 17.51 | 7.759 | 4.58 | 104.1 | -418 | 2.9 | 0.26 |
| 4/18/2012 | 19:10:33 | 21.43 | 1.18 | 17.51 | 7.765 | 4.58 | 104.1 | -417 | 3 | 0.26 |
| 4/18/2012 | 19:15:33 | 21.43 | 1.181 | 17.51 | 7.769 | 4.58 | 104.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 19:20:33 | 21.43 | 1.182 | 17.51 | 7.771 | 4.58 | 104.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 19:25:33 | 21.43 | 1.182 | 17.52 | 7.776 | 4.58 | 104.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 19:30:33 | 21.43 | 1.183 | 17.52 | 7.778 | 4.58 | 104.2 | -416 | 3 | 0.26 |
| 4/18/2012 | 19:35:33 | 21.43 | 1.184 | 17.52 | 7.783 | 4.58 | 104.3 | -415 | 3 | 0.26 |
| 4/18/2012 | 19:40:33 | 21.43 | 1.185 | 17.52 | 7.785 | 4.58 | 104.4 | -415 | 3 | 0.26 |
| 4/18/2012 | 19:45:33 | 21.43 | 1.185 | 17.52 | 7.789 | 4.58 | 104.4 | -415 | 3 | 0.26 |
| 4/18/2012 | 19:50:33 | 21.43 | 1.186 | 17.52 | 7.792 | 4.58 | 104.4 | -415 | 3 | 0.26 |
| 4/18/2012 | 19:55:33 | 21.43 | 1.186 | 17.52 | 7.797 | 4.58 | 104.4 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:00:33 | 21.43 | 1.187 | 17.53 | 7.804 | 4.58 | 104.4 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:05:33 | 21.43 | 1.187 | 17.53 | 7.807 | 4.57 | 104.5 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:10:33 | 21.43 | 1.188 | 17.53 | 7.811 | 4.57 | 104.6 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:15:33 | 21.43 | 1.188 | 17.53 | 7.815 | 4.57 | 104.7 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:20:33 | 21.43 | 1.188 | 17.53 | 7.82 | 4.57 | 104.8 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:25:33 | 21.43 | 1.189 | 17.53 | 7.821 | 4.57 | 104.9 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:30:33 | 21.43 | 1.189 | 17.54 | 7.824 | 4.57 | 104.9 | -414 | 3 | 0.26 |
| 4/18/2012 | 20:35:33 | 21.43 | 1.19 | 17.54 | 7.83 | 4.55 | 105.8 | -415 | 3 | 0.26 |
| 4/18/2012 | 20:40:33 | 21.43 | 1.19 | 17.54 | 7.835 | 4.55 | 105.8 | -416 | 3 | 0.26 |
| 4/18/2012 | 20:45:33 | 21.43 | 1.191 | 17.54 | 7.84 | 4.55 | 105.8 | -416 | 3 | 0.26 |
| 4/18/2012 | 20:50:33 | 21.43 | 1.191 | 17.54 | 7.842 | 4.55 | 105.8 | -416 | 3 | 0.26 |
| 4/18/2012 | 20:55:33 | 21.43 | 1.193 | 17.55 | 7.847 | 4.55 | 105.8 | -416 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/18/2012 | 21:00:33 | 21.43 | 1.192 | 17.55 | 7.849 | 4.55 | 106.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 21:05:33 | 21.43 | 1.193 | 17.55 | 7.856 | 4.54 | 106.6 | -417 | 3 | 0.26 |
| 4/18/2012 | 21:10:33 | 21.43 | 1.193 | 17.55 | 7.86 | 4.53 | 106.8 | -417 | 3 | 0.26 |
| 4/18/2012 | 21:15:33 | 21.43 | 1.194 | 17.55 | 7.865 | 4.53 | 107 | -417 | 3 | 0.26 |
| 4/18/2012 | 21:20:33 | 21.43 | 1.195 | 17.56 | 7.873 | 4.53 | 107.1 | -417 | 3 | 0.26 |
| 4/18/2012 | 21:25:33 | 21.43 | 1.197 | 17.56 | 7.877 | 4.53 | 107.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 21:30:33 | 21.43 | 1.198 | 17.56 | 7.883 | 4.53 | 107.1 | -416 | 3 | 0.26 |
| 4/18/2012 | 21:35:33 | 21.43 | 1.198 | 17.56 | 7.887 | 4.53 | 107.1 | -415 | 3 | 0.26 |
| 4/18/2012 | 21:40:33 | 21.43 | 1.2 | 17.57 | 7.893 | 4.53 | 107.1 | -415 | 3 | 0.26 |
| 4/18/2012 | 21:45:33 | 21.43 | 1.2 | 17.57 | 7.899 | 4.53 | 107.1 | -415 | 3 | 0.26 |
| 4/18/2012 | 21:50:33 | 21.43 | 1.201 | 17.57 | 7.901 | 4.53 | 107.2 | -415 | 3 | 0.26 |
| 4/18/2012 | 21:55:33 | 21.43 | 1.202 | 17.57 | 7.907 | 4.53 | 107.2 | -414 | 3 | 0.26 |
| 4/18/2012 | 22:00:33 | 21.43 | 1.203 | 17.57 | 7.911 | 4.53 | 107.2 | -414 | 3 | 0.26 |
| 4/18/2012 | 22:05:33 | 21.43 | 1.203 | 17.58 | 7.915 | 4.53 | 107.3 | -414 | 3 | 0.26 |
| 4/18/2012 | 22:10:33 | 21.43 | 1.204 | 17.58 | 7.921 | 4.52 | 107.3 | -414 | 3 | 0.26 |
| 4/18/2012 | 22:15:33 | 21.43 | 1.205 | 17.58 | 7.925 | 4.52 | 107.4 | -414 | 3 | 0.26 |
| 4/18/2012 | 22:20:33 | 21.43 | 1.205 | 17.58 | 7.923 | 4.52 | 107.4 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:25:33 | 21.43 | 1.206 | 17.58 | 7.924 | 4.52 | 107.5 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:30:33 | 21.43 | 1.206 | 17.58 | 7.93 | 4.52 | 107.5 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:35:33 | 21.43 | 1.207 | 17.58 | 7.931 | 4.52 | 107.7 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:40:33 | 21.43 | 1.208 | 17.58 | 7.931 | 4.52 | 107.7 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:45:33 | 21.43 | 1.208 | 17.58 | 7.932 | 4.52 | 107.8 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:50:33 | 21.43 | 1.209 | 17.58 | 7.93 | 4.51 | 107.9 | -413 | 3 | 0.26 |
| 4/18/2012 | 22:55:33 | 21.43 | 1.21 | 17.58 | 7.933 | 4.51 | 108 | -413 | 3 | 0.26 |
| 4/18/2012 | 23:00:33 | 21.43 | 1.21 | 17.58 | 7.931 | 4.51 | 108 | -412 | 3 | 0.26 |
| 4/18/2012 | 23:05:33 | 21.43 | 1.211 | 17.58 | 7.931 | 4.51 | 108.1 | -412 | 3 | 0.26 |
| 4/18/2012 | 23:10:33 | 21.43 | 1.212 | 17.58 | 7.928 | 4.51 | 108.2 | -412 | 3 | 0.26 |
| 4/18/2012 | 23:15:33 | 21.43 | 1.212 | 17.58 | 7.926 | 4.51 | 108.2 | -412 | 3 | 0.26 |
| 4/18/2012 | 23:20:33 | 21.43 | 1.212 | 17.58 | 7.923 | 4.51 | 108.3 | -412 | 3 | 0.26 |
| 4/18/2012 | 23:25:33 | 21.43 | 1.213 | 17.58 | 7.922 | 4.51 | 108.3 | -411 | 3 | 0.26 |
| 4/18/2012 | 23:30:33 | 21.43 | 1.213 | 17.58 | 7.919 | 4.5 | 108.5 | -411 | 3 | 0.26 |
| 4/18/2012 | 23:35:33 | 21.43 | 1.213 | 17.58 | 7.917 | 4.5 | 108.5 | -411 | 3 | 0.26 |
| 4/18/2012 | 23:40:33 | 21.44 | 1.214 | 17.58 | 7.915 | 4.5 | 108.6 | -411 | 3 | 0.26 |
| 4/18/2012 | 23:45:33 | 21.43 | 1.214 | 17.57 | 7.912 | 4.5 | 108.6 | -411 | 3 | 0.26 |
| 4/18/2012 | 23:50:33 | 21.44 | 1.214 | 17.57 | 7.909 | 4.5 | 108.7 | -411 | 3 | 0.26 |
| 4/18/2012 | 23:55:33 | 21.44 | 1.214 | 17.57 | 7.904 | 4.5 | 108.8 | -411 | 3 | 0.26 |
| 4/19/2012 | 0:00:33 | 21.44 | 1.214 | 17.57 | 7.902 | 4.5 | 108.8 | -411 | 3 | 0.26 |
| 4/19/2012 | 0:05:33 | 21.44 | 1.214 | 17.57 | 7.898 | 4.5 | 108.9 | -411 | 3 | 0.26 |
| 4/19/2012 | 0:10:33 | 21.44 | 1.214 | 17.57 | 7.895 | 4.5 | 108.9 | -410 | 3 | 0.26 |
| 4/19/2012 | 0:15:33 | 21.44 | 1.214 | 17.56 | 7.89 | 4.5 | 108.9 | -410 | 3 | 0.26 |
| 4/19/2012 | 0:20:33 | 21.44 | 1.215 | 17.56 | 7.885 | 4.5 | 108.9 | -410 | 3 | 0.26 |
| 4/19/2012 | 0:25:33 | 21.44 | 1.215 | 17.56 | 7.883 | 4.49 | 109 | -409 | 3 | 0.26 |
| 4/19/2012 | 0:30:33 | 21.44 | 1.215 | 17.56 | 7.879 | 4.49 | 109.1 | -409 | 3 | 0.26 |
| 4/19/2012 | 0:35:33 | 21.44 | 1.215 | 17.56 | 7.875 | 4.49 | 109.1 | -409 | 3 | 0.26 |
| 4/19/2012 | 0:40:33 | 21.44 | 1.215 | 17.56 | 7.868 | 4.49 | 109.1 | -408 | 3 | 0.26 |
| 4/19/2012 | 0:45:33 | 21.44 | 1.215 | 17.55 | 7.865 | 4.49 | 109.1 | -408 | 3 | 0.26 |
| 4/19/2012 | 0:50:33 | 21.44 | 1.216 | 17.55 | 7.862 | 4.49 | 109.3 | -408 | 3 | 0.26 |
| 4/19/2012 | 0:55:33 | 21.44 | 1.216 | 17.55 | 7.854 | 4.49 | 109.4 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:00:33 | 21.44 | 1.216 | 17.55 | 7.851 | 4.49 | 109.3 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:05:33 | 21.44 | 1.216 | 17.55 | 7.847 | 4.49 | 109.4 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:10:33 | 21.44 | 1.216 | 17.54 | 7.842 | 4.49 | 109.4 | -407 | 3 | 0.26 |
| 4/19/2012 | 1:15:33 | 21.44 | 1.216 | 17.54 | 7.837 | 4.49 | 109.5 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:20:33 | 21.44 | 1.216 | 17.54 | 7.831 | 4.49 | 109.5 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:25:33 | 21.44 | 1.216 | 17.54 | 7.824 | 4.48 | 109.6 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:30:33 | 21.44 | 1.217 | 17.54 | 7.822 | 4.48 | 109.6 | -408 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 1:35:33 | 21.44 | 1.217 | 17.53 | 7.818 | 4.48 | 109.7 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:40:33 | 21.44 | 1.217 | 17.53 | 7.815 | 4.48 | 109.7 | -408 | 3 | 0.26 |
| 4/19/2012 | 1:45:33 | 21.44 | 1.218 | 17.53 | 7.809 | 4.49 | 109.5 | -407 | 3 | 0.26 |
| 4/19/2012 | 1:50:33 | 21.44 | 1.218 | 17.53 | 7.807 | 4.49 | 109.1 | -410 | 3 | 0.26 |
| 4/19/2012 | 1:55:33 | 21.44 | 1.218 | 17.53 | 7.803 | 4.49 | 109.1 | -411 | 3 | 0.26 |
| 4/19/2012 | 2:00:33 | 21.44 | 1.218 | 17.53 | 7.799 | 4.49 | 109.1 | -411 | 3 | 0.26 |
| 4/19/2012 | 2:05:33 | 21.44 | 1.218 | 17.52 | 7.795 | 4.49 | 109.1 | -410 | 3 | 0.26 |
| 4/19/2012 | 2:10:33 | 21.44 | 1.218 | 17.52 | 7.791 | 4.49 | 109.2 | -409 | 3 | 0.26 |
| 4/19/2012 | 2:15:33 | 21.44 | 1.218 | 17.52 | 7.787 | 4.49 | 109.2 | -408 | 3 | 0.26 |
| 4/19/2012 | 2:20:33 | 21.44 | 1.218 | 17.52 | 7.784 | 4.49 | 109.2 | -407 | 3 | 0.26 |
| 4/19/2012 | 2:25:33 | 21.44 | 1.218 | 17.52 | 7.781 | 4.49 | 109.2 | -407 | 3 | 0.26 |
| 4/19/2012 | 2:30:33 | 21.44 | 1.218 | 17.52 | 7.776 | 4.49 | 109.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 2:35:33 | 21.44 | 1.218 | 17.51 | 7.773 | 4.49 | 109.3 | -405 | 3 | 0.26 |
| 4/19/2012 | 2:40:33 | 21.44 | 1.218 | 17.51 | 7.772 | 4.49 | 109.3 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 2:45:33 | 21.45 | 1.218 | 17.51 | 7.769 | 4.49 | 109.4 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 2:50:33 | 21.45 | 1.218 | 17.51 | 7.766 | 4.49 | 109.4 | -408 | 3 | 0.26 |
| 4/19/2012 | 2:55:33 | 21.44 | 1.218 | 17.51 | 7.763 | 4.49 | 109.4 | -407 | 3 | 0.26 |
| 4/19/2012 | 3:00:33 | 21.45 | 1.218 | 17.51 | 7.76 | 4.49 | 109.3 | -407 | 3 | 0.26 |
| 4/19/2012 | 3:05:33 | 21.44 | 1.218 | 17.51 | 7.757 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:10:33 | 21.45 | 1.218 | 17.51 | 7.755 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:15:33 | 21.45 | 1.218 | 17.51 | 7.753 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:20:33 | 21.45 | 1.218 | 17.51 | 7.753 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:25:33 | 21.45 | 1.218 | 17.51 | 7.753 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:30:33 | 21.45 | 1.218 | 17.5 | 7.75 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:35:33 | 21.45 | 1.218 | 17.5 | 7.745 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:40:33 | 21.45 | 1.218 | 17.5 | 7.741 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 3:45:33 | 21.45 | 1.219 | 17.5 | 7.739 | 4.49 | 109.1 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 3:50:33 | 21.45 | 1.219 | 17.5 | 7.738 | 4.49 | 109.1 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 3:55:33 | 21.45 | 1.219 | 17.5 | 7.737 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:00:33 | 21.45 | 1.219 | 17.5 | 7.736 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:05:33 | 21.45 | 1.219 | 17.5 | 7.732 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:10:33 | 21.45 | 1.219 | 17.49 | 7.729 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:15:33 | 21.45 | 1.219 | 17.49 | 7.729 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:20:33 | 21.45 | 1.219 | 17.49 | 7.728 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 4:25:33 | 21.45 | 1.219 | 17.49 | 7.727 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:30:33 | 21.45 | 1.219 | 17.49 | 7.726 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:35:33 | 21.45 | 1.219 | 17.49 | 7.723 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:40:33 | 21.45 | 1.219 | 17.49 | 7.723 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:45:33 | 21.45 | 1.219 | 17.49 | 7.721 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:50:33 | 21.45 | 1.22 | 17.49 | 7.722 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 4:55:33 | 21.45 | 1.219 | 17.49 | 7.722 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 5:00:33 | 21.45 | 1.219 | 17.49 | 7.719 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 5:05:33 | 21.45 | 1.22 | 17.49 | 7.719 | 4.49 | 109.2 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:10:33 | 21.45 | 1.219 | 17.49 | 7.718 | 4.49 | 109.2 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:15:33 | 21.45 | 1.22 | 17.49 | 7.718 | 4.49 | 109.2 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:20:33 | 21.45 | 1.22 | 17.49 | 7.718 | 4.49 | 109.2 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:25:33 | 21.45 | 1.22 | 17.49 | 7.716 | 4.49 | 109.2 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:30:33 | 21.45 | 1.22 | 17.49 | 7.715 | 4.49 | 109.2 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:35:33 | 21.45 | 1.22 | 17.49 | 7.717 | 4.49 | 109.1 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 5:40:33 | 21.45 | 1.22 | 17.49 | 7.716 | 4.49 | 109.3 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 5:45:33 | 21.45 | 1.22 | 17.49 | 7.713 | 4.49 | 109.2 | -408 | 2.9 | 0.26 |
| 4/19/2012 | 5:50:33 | 21.45 | 1.22 | 17.49 | 7.715 | 4.49 | 109.3 | -408 | 2.9 | 0.26 |
| 4/19/2012 | 5:55:33 | 21.45 | 1.22 | 17.49 | 7.715 | 4.49 | 109.3 | -408 | 2.9 | 0.26 |
| 4/19/2012 | 6:00:33 | 21.45 | 1.22 | 17.49 | 7.716 | 4.49 | 109.2 | -408 | 2.9 | 0.26 |
| 4/19/2012 | 6:05:33 | 21.45 | 1.221 | 17.49 | 7.716 | 4.49 | 109.3 | -407 | 2.9 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 6:10:33 | 21.45 | 1.22 | 17.49 | 7.718 | 4.49 | 109.3 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 6:15:33 | 21.45 | 1.22 | 17.49 | 7.72 | 4.49 | 109.3 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 6:20:33 | 21.45 | 1.22 | 17.49 | 7.722 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 6:25:33 | 21.45 | 1.221 | 17.49 | 7.722 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 6:30:33 | 21.45 | 1.221 | 17.49 | 7.725 | 4.49 | 109.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 6:35:33 | 21.45 | 1.221 | 17.49 | 7.729 | 4.49 | 109.2 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 6:40:33 | 21.45 | 1.221 | 17.49 | 7.728 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 6:45:33 | 21.45 | 1.221 | 17.49 | 7.728 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 6:50:33 | 21.45 | 1.221 | 17.5 | 7.731 | 4.49 | 109.1 | -406 | 3 | 0.26 |
| 4/19/2012 | 6:55:33 | 21.45 | 1.221 | 17.5 | 7.73 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:00:33 | 21.45 | 1.221 | 17.5 | 7.732 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:05:33 | 21.45 | 1.221 | 17.5 | 7.736 | 4.49 | 109.1 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 7:10:33 | 21.45 | 1.221 | 17.5 | 7.74 | 4.49 | 109.1 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 7:15:33 | 21.45 | 1.221 | 17.5 | 7.744 | 4.49 | 109.1 | -405 | 3 | 0.26 |
| 4/19/2012 | 7:20:33 | 21.45 | 1.221 | 17.5 | 7.747 | 4.49 | 109.1 | -405 | 2.9 | 0.26 |
| 4/19/2012 | 7:25:33 | 21.45 | 1.221 | 17.5 | 7.751 | 4.5 | 109 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:30:33 | 21.45 | 1.222 | 17.51 | 7.754 | 4.5 | 109 | -406 | 3 | 0.26 |
| 4/19/2012 | 7:35:33 | 21.45 | 1.222 | 17.51 | 7.757 | 4.5 | 109 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:40:33 | 21.45 | 1.221 | 17.51 | 7.759 | 4.49 | 109 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:45:33 | 21.45 | 1.222 | 17.51 | 7.762 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:50:33 | 21.45 | 1.222 | 17.51 | 7.762 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 7:55:33 | 21.45 | 1.222 | 17.51 | 7.765 | 4.49 | 109.1 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 8:00:33 | 21.45 | 1.222 | 17.51 | 7.769 | 4.49 | 109.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 8:05:33 | 21.45 | 1.222 | 17.51 | 7.772 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 8:10:33 | 21.45 | 1.222 | 17.51 | 7.774 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 8:15:33 | 21.45 | 1.223 | 17.52 | 7.776 | 4.49 | 109.3 | -407 | 2.9 | 0.26 |
| 4/19/2012 | 8:20:33 | 21.45 | 1.223 | 17.52 | 7.778 | 4.49 | 109.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 8:25:33 | 21.45 | 1.223 | 17.52 | 7.782 | 4.49 | 109.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 8:30:33 | 21.45 | 1.223 | 17.52 | 7.786 | 4.49 | 109.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 8:35:33 | 21.45 | 1.224 | 17.52 | 7.79 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 8:40:33 | 21.45 | 1.223 | 17.52 | 7.793 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 8:45:33 | 21.45 | 1.224 | 17.52 | 7.797 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 8:50:33 | 21.45 | 1.224 | 17.53 | 7.799 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 8:55:33 | 21.45 | 1.224 | 17.53 | 7.805 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 9:00:33 | 21.45 | 1.225 | 17.53 | 7.805 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 9:05:33 | 21.45 | 1.225 | 17.53 | 7.81 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 9:10:33 | 21.45 | 1.224 | 17.53 | 7.813 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 9:15:33 | 21.45 | 1.225 | 17.53 | 7.82 | 4.49 | 109.3 | -406 | 2.9 | 0.26 |
| 4/19/2012 | 9:20:33 | 21.45 | 1.224 | 17.53 | 7.82 | 4.49 | 109.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 9:25:33 | 21.45 | 1.225 | 17.54 | 7.824 | 4.49 | 109.3 | -407 | 3 | 0.26 |
| 4/19/2012 | 9:30:33 | 21.45 | 1.225 | 17.54 | 7.829 | 4.49 | 109.4 | -407 | 3 | 0.26 |
| 4/19/2012 | 9:35:33 | 21.45 | 1.226 | 17.54 | 7.833 | 4.49 | 109.4 | -407 | 3 | 0.26 |
| 4/19/2012 | 9:40:33 | 21.45 | 1.226 | 17.54 | 7.836 | 4.49 | 109.4 | -407 | 3 | 0.26 |
| 4/19/2012 | 9:45:33 | 21.45 | 1.226 | 17.54 | 7.84 | 4.49 | 109.6 | -408 | 2.9 | 0.26 |
| 4/19/2012 | 9:50:33 | 21.45 | 1.226 | 17.54 | 7.844 | 4.49 | 109.6 | -408 | 3 | 0.26 |
| 4/19/2012 | 9:55:33 | 21.45 | 1.226 | 17.55 | 7.852 | 4.48 | 109.7 | -408 | 3 | 0.26 |
| 4/19/2012 | 10:00:33 | 21.45 | 1.226 | 17.55 | 7.857 | 4.48 | 109.7 | -408 | 3 | 0.26 |
| 4/19/2012 | 10:05:33 | 21.45 | 1.227 | 17.55 | 7.86 | 4.48 | 109.8 | -408 | 3 | 0.26 |
| 4/19/2012 | 10:10:33 | 21.45 | 1.226 | 17.55 | 7.866 | 4.48 | 109.9 | -408 | 3 | 0.26 |
| 4/19/2012 | 10:15:33 | 21.45 | 1.227 | 17.56 | 7.869 | 4.48 | 109.9 | -408 | 3 | 0.26 |
| 4/19/2012 | 10:20:33 | 21.45 | 1.227 | 17.56 | 7.875 | 4.48 | 109.9 | -409 | 3 | 0.26 |
| 4/19/2012 | 10:25:33 | 21.45 | 1.227 | 17.56 | 7.88 | 4.48 | 109.9 | -409 | 3 | 0.26 |
| 4/19/2012 | 10:30:33 | 21.45 | 1.227 | 17.56 | 7.88 | 4.48 | 109.9 | -409 | 3 | 0.26 |
| 4/19/2012 | 10:35:33 | 21.45 | 1.227 | 17.56 | 7.885 | 4.48 | 110 | -408 | 3 | 0.26 |
| 4/19/2012 | 10:40:33 | 21.45 | 1.228 | 17.56 | 7.887 | 4.48 | 110 | -406 | 3 | 0.26 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 4/19/2012 | 10:45:33 | 21.45 | 1.228 | 17.56 | 7.891 | 4.48 | 110.1 | -406 | 3 | 0.26 |
| 4/19/2012 | 10:50:33 | 21.45 | 1.228 | 17.56 | 7.891 | 4.48 | 110.1 | -406 | 3 | 0.26 |
| 4/19/2012 | 10:55:33 | 21.45 | 1.228 | 17.57 | 7.894 | 4.47 | 110.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 11:00:33 | 21.45 | 1.229 | 17.57 | 7.896 | 4.47 | 110.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 11:05:33 | 21.45 | 1.23 | 17.57 | 7.898 | 4.47 | 110.2 | -406 | 3 | 0.26 |
| 4/19/2012 | 11:10:33 | 21.45 | 1.23 | 17.57 | 7.898 | 4.47 | 110.3 | -406 | 3 | 0.26 |
| 4/19/2012 | 11:15:33 | 21.45 | 1.23 | 17.57 | 7.899 | 4.47 | 110.3 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:20:33 | 21.45 | 1.23 | 17.57 | 7.899 | 4.47 | 110.4 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:25:33 | 21.45 | 1.231 | 17.57 | 7.898 | 4.47 | 110.4 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:30:33 | 21.45 | 1.231 | 17.57 | 7.898 | 4.47 | 110.4 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:35:33 | 21.45 | 1.232 | 17.57 | 7.896 | 4.47 | 110.4 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:40:33 | 21.45 | 1.232 | 17.57 | 7.895 | 4.47 | 110.4 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:45:33 | 21.45 | 1.232 | 17.56 | 7.892 | 4.47 | 110.5 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:50:33 | 21.45 | 1.232 | 17.56 | 7.89 | 4.47 | 110.5 | -405 | 3 | 0.26 |
| 4/19/2012 | 11:55:33 | 21.45 | 1.233 | 17.56 | 7.887 | 4.47 | 110.5 | -404 | 3 | 0.26 |
| 4/19/2012 | 12:00:33 | 21.45 | 1.233 | 17.56 | 7.884 | 4.47 | 110.6 | -404 | 3 | 0.26 |
| 4/19/2012 | 12:05:33 | 21.45 | 1.233 | 17.56 | 7.88 | 4.47 | 110.6 | -404 | 3 | 0.26 |
| 4/19/2012 | 12:10:33 | 21.45 | 1.233 | 17.56 | 7.879 | 4.47 | 110.7 | -404 | 3 | 0.26 |
| 4/19/2012 | 12:15:33 | 21.46 | 1.233 | 17.56 | 7.873 | 4.46 | 110.7 | -404 | 3 | 0.26 |
| 4/19/2012 | 12:20:33 | 21.45 | 1.233 | 17.55 | 7.867 | 4.46 | 110.8 | -403 | 3 | 0.26 |
| 4/19/2012 | 12:25:33 | 21.46 | 1.234 | 17.55 | 7.866 | 4.46 | 110.8 | -403 | 3 | 0.26 |
| 4/19/2012 | 12:30:33 | 21.46 | 1.234 | 17.55 | 7.863 | 4.46 | 110.9 | -403 | 3 | 0.26 |
| 4/19/2012 | 12:35:33 | 21.46 | 1.234 | 17.55 | 7.859 | 4.46 | 111 | -403 | 3 | 0.26 |
| 4/19/2012 | 12:40:33 | 21.46 | 1.234 | 17.55 | 7.854 | 4.46 | 111 | -402 | 3 | 0.26 |
| 4/19/2012 | 12:45:33 | 21.46 | 1.234 | 17.55 | 7.851 | 4.46 | 111 | -402 | 3 | 0.26 |
| 4/19/2012 | 12:50:33 | 21.46 | 1.235 | 17.55 | 7.847 | 4.46 | 111.1 | -402 | 3 | 0.26 |
| 4/19/2012 | 12:55:33 | 21.46 | 1.235 | 17.54 | 7.841 | 4.46 | 111.1 | -402 | 3 | 0.26 |
| 4/19/2012 | 13:00:33 | 21.46 | 1.235 | 17.54 | 7.839 | 4.46 | 111.1 | -402 | 3 | 0.26 |
| 4/19/2012 | 13:05:33 | 21.46 | 1.235 | 17.54 | 7.835 | 4.46 | 111.1 | -401 | 3 | 0.26 |
| 4/19/2012 | 13:10:33 | 21.46 | 1.234 | 17.54 | 7.83 | 4.46 | 111 | -402 | 3 | 0.26 |
| 4/19/2012 | 13:15:33 | 21.46 | 1.234 | 17.54 | 7.826 | 4.46 | 110.9 | -402 | 3 | 0.26 |
| 4/19/2012 | 13:20:33 | 21.46 | 1.236 | 17.53 | 7.821 | 4.46 | 111 | -404 | 3 | 0.26 |
| 4/19/2012 | 13:25:33 | 21.46 | 1.236 | 17.53 | 7.818 | 4.46 | 110.9 | -406 | 3 | 0.26 |

# FIFTH SEMI-ANNUAL PROGRESS REPORT

# APPENDIX B