VOLUNTARY REMEDIATION PLAN
SEMI-ANNUAL PROGRESS REPORT #1

SOUTHERN STATES, LLC
30 GEORGIA AVENUE
HAMPTON, GEORGIA

HSI No. 10141

OCTOBER 15, 2015

Prepared for

SOUTHERN STATES, LLC
30 Georgia Avenue
Hampton, Georgia

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CERTIFICATION OF GROUNDWATER REPORT

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in ground-water hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding ground-water monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

John O. Schwaller
Printed Name (GA Professional Geologist 1617)

Signature (Professional Geologist)

1.0 PROJECT SUMMARY

On behalf of Southern States, LLC (SS), Environmental Management Associates, LLC (EMA) is submitting this Voluntary Remediation Plan – Semi-Annual Progress Report #1 (Progress Report) to the Georgia Environmental Protection Division for SS's manufacturing facility located at 30 Georgia Avenue, Hampton, Georgia. This Progress Report has been prepared to meet the requirements contained in the Georgia Voluntary Remediation Program Act and covers the activities conducted since the April 10, 2015 Voluntary Remediation Program Application and Plan (VRPAP) approval.

The SS site (Site) is located at 30 Georgia Avenue, Hampton, Henry County, Georgia. The surrounding properties are predominantly residential. A topographic map (Property Location Map) of the surrounding area is included as Figure 1. A Site Plan is presented as Figure 2.

SS began manufacturing operations at the Hampton, GA location in 1940. SS manufactures high-voltage electrical switches and fuses at its 30-acre manufacturing facility located in Hampton, Georgia. In 1986, SS conducted a focused groundwater investigation to determine the impact from an existing wastewater sludge impoundment. The results of this and subsequent investigations identified a release of select VOCs had occurred at the Property. In December 1989, SS and the Georgia Environmental Protection Division (EPD) entered into a Consent Order (Order), No. EPD-HW-529. The Property was listed on the Hazardous Site Inventory on June 30, 1997 as Site No. 10141.

Since 1986, the Property has been the subject of a number of investigations which identified the presence of volatile organic compounds in the soil and groundwater.

EMA prepared the VRPAP and submitted to EPD on October 30, 2014. EPD approved the VRPAP with conditions and comments in two letters dated April 10, 2015.

2.0 ACTIONS TAKEN SINCE LAST SUBMITTAL

2.1 AFFIDAVIT OF PROPERTY STATUS FILING

An affidavit stating that the three properties identified as tax parcels H03-05010000, 008-01001000, and 022-01060000 have been listed on EPD's Hazardous Site Inventory and designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. The affidavit was filed with Henry County Superior Court on May 7, 2015. A copy of the affidavit filing is presented in Attachment A.

2.2 BASELINE MONITORING

A baseline groundwater monitoring event was conducted prior to the proposed remediation activities. The following select monitoring wells were utilized for the baseline monitoring:

<u>Overburden Wells</u>

- MW-9;
- MW-13;
- MW-18;
- MW-21;
- MW-39;
- MW-40;
- MW-41;
- OEW-1;
- OEW-2;
- TP-1;
- TP-2;
- TP-3;
- TP-4; and
- TP-6

<u>Bedrock Wells</u>

- MW-19;
- MW-28; and
- MW-32

The baseline groundwater samples were collected on June 18, 2015 using low-flow purging and sampling technique referenced in USEPA Region IV's SESD Operating Procedures - Groundwater Sampling dated March 6, 2013. Peristaltic pumps using disposable Teflon tubing was used for the purging and sampling. Static groundwater level measurements were recorded at each monitoring well on June 18, 2015. The measurements were made with a pre-cleaned "Slope" electronic water level detector and were reported to the nearest 0.01-foot based on a fixed point on the top of the well casing. A potentiometric contour map for the shallow water table was prepared based on the groundwater elevations presented in Table 1 and is provided as Figure 3. The groundwater flow direction is consistent with historic monitoring events.

During the low-flow purging procedure, field measurements of reduction oxidation potential (redox), dissolved oxygen (D.O.), turbidity, pH, conductivity, and temperature were recorded. Once the field measurements stabilized for three consecutive readings, samples were collected directly into the pre-preserved laboratory supplied containers.

The groundwater samples were delivered under standard chain-of-custody (COC) protocols to Analytical Environmental Services, Inc. (AES) located in Atlanta, Georgia. AES is an accredited laboratory under the National Environmental Laboratory Accreditation Program (NELAC) (Accreditation ID: E87582). The groundwater samples were submitted for target compound list (TCL) volatile organic compounds (VOCs) by SW-846 Method 8260B. As requested by EPD, 1,4-dioxane was also reported.

The detected TCL VOCs for the baseline event and the previous semi-annual monitoring round performed in July 2014 are summarized in Table 3. Figure 4 presents the baseline or pre-injection total VOC iso-concentration contours. The analytical report is included in Appendix B.

2.3 REMEDIATION

The use of the in-situ chemical oxidation (ISCO) reagent sodium persulfate to reduce the existing groundwater contamination to levels at or below the Type 4 RRS was proposed in the VRP. ISCO application was proposed at three specific areas with the following rationale:

Treatment Area	*Rationale*
Zone A – MW-39	suspected source zone (~ 200,000 µg/L TCE);

Zone B – TP-1 / TP-2	lateral impact area (~ 2,000 µg/L TCE); and
Zone C – MW-18	pilot study to determine saprolite/shallow bedrock treatment effectiveness on MW-32.

The objective of the ISCO was to reduce the level of TCE in the impacted zones by immediate dechlorination upon contact (residuals are carbon dioxide and water). The chemical oxidant used for this ISCO application was PeroxyChem's (formerly FMC Corporation) Klozur® sodium persulfate mixed with an activator (hydrogen peroxide) to form sulfate and hydroxyl radicals that were injected into the aquifer within the source zone areas at the Site.

Prior to the ISCO injection, a Pilot Study Notification was submitted to EPD's Underground Injection Control Program in correspondence dated June 8, 2015. In addition, saturated soil and groundwater samples were collected from the Site in 2011 and delivered to the PeroxyChem laboratory to determine the soil oxygen demand (SOD) of the background soils. Peroxychem used this data along with the estimated horizontal and vertical extent of the groundwater contaminant zones and average TCE concentration in each of the three treatment zones to calculate the quantity of sodium persulfate and activator needed to mineralize the existing groundwater TCE contamination. The following amounts of Klozur were determined:

<u>Zone A – MW-39 Area</u>
3,142 pounds to overcome SOD;
3,672 pounds to overcome COC demand

<u>Zone B – TP-1/TP-2 Area</u>
826 pounds to overcome SOD;
15 pounds to overcome COC demand

<u>Zone C – MW-18 Area</u>
1,469 pounds to overcome SOD;
3 pounds to overcome COC demand

EMA's subcontractors, REM-CON, LLC and Geo Lab Probing Services, installed temporary injection points at each of the three treatment zones. The injection points include open screened areas targeting the contaminant zones from 12 feet (ft) below ground surface (bgs) to 35 ft bgs. The sodium persulfate reagent was injected throughout the overburden aquifer. The injection point locations are illustrated on Figure 5.

The following approximate amounts of activated sodium persulfate were injected in each of the areas during the period June 25 – July 1, 2015:

Zone A – MW-39 area – 6,700 gallons @ 20% activation
Zone B – TP-1/TP-2 Area – 1,040 gallon @ 15% activation; and
Zone C – MW-18 Area – 1,768 gallons @ 15% activation.

2.4 POST ISCO MONITORING EVENT

The first quarterly post-injection groundwater samples were collected from select groundwater monitoring wells on September 3, 2015 using the low-flow purging and sampling technique referenced in Section 2.2. Static groundwater level measurements were recorded at each monitoring well on September 3, 2015. The measurements were made with a pre-cleaned "Slope" electronic water level detector and were reported to the nearest 0.01-foot based on a fixed point on the top of the well casing. A potentiometric groundwater contour map for the shallow water table was prepared based on the groundwater elevations presented in Table 2 and is provided as Figure 6.

Only a subset of the groundwater monitoring wells discussed in Section 2.2 were sampled for TCL VOCs, including 1,4-dioxane, and were delivered under standard chain of custody protocols to AES. This subset was only utilized to determine the immediate impact and effectiveness on the groundwater within the treatment areas for TCL VOCs. The detected TCL VOCs for the first post-injection monitoring event are summarized in Table 3. Figure 7 presents the post-injection total VOC iso-concentration contours. The analytical report is included in Appendix B.

2.5 LIMITED SEDIMENT SAMPLING

EPD requested additional sediment sampling be performed between sediment sample locations SED-2 and SED-3 located along Little Bear Creek immediately north of the former fill area to determine if soil sample SB-07 located within the former landfill could be a source for the sediment impact in the creek. Sediment locations 1 and 2 were sampled for the presence of PCBs on September 2, 2015 to assist in determining a possible entry point associated with soil boring SB-07 located in the former landfill area.

Sediment sample collection was performed in accordance with SESDPROC-200-R1. Sediment sampling was conducted using a stainless steel hand auger to remove a representative sample from the first 6-inches of the sediment creek bed and at depths of 1-foot and 2–feet below the creek bed. The sediment was transferred to a stainless steel bowl, homogenized and then sampled for PCBs using SW-846 Method 8082. All sampling equipment was decontaminated before and between sampling locations in accordance with the decontamination procedures detailed in EPA's SESDPROC 301 R1. The samples were collected directly into the laboratory supplied sample containers, placed on ice, and delivered under standard chain-of-custody procedures to the project laboratory. The samples were analyzed for PCBs using SW-846 Method 8082. The sediment sample locations are presented on Figure 8.

The results are summarized below:

Location 1	
Depth	Total PCB Result (mg/kg)
6-inches	ND
1-foot	ND
2-feet	ND

Location 2	
Depth	Total PCB Result (mg/kg)
6-inches	0.765
1-foot	0.768
2-feet	0.731

The analytical report is included in Attachment B.

2.6 DISCUSSION AND CONCLUSIONS

The initial injection event resulted in a 50 percent decrease in TCE in the groundwater from the baseline event in the heart of Source Zone A (MW-39) from 200,000 micrograms per liter (µg/L) to 100,000 µg/L demonstrating that

effective contact with the contaminant will effectively reduce the current concentrations at the suspected source zone. The baseline and post-injection total VOC concentrations were similar at both treatment Zone B and Zone C indicating that better contact is required in these areas.

The next quarterly monitoring event is scheduled for November 2015 and will include additional monitoring wells from the baseline set. The TCE analytical results following the first ISCO injection were still above the applicable Type 4 RRS for TCE (5 µg/L) and given the elevated TCE concentrations within Zone A, a second ISCO injection is proposed for only Zone A and Zone B which will be scheduled for December 2015. This injection round will likely include some additional injection points.

For the sediment samples collected, sample location 1 was reported as non-detect to a depth of 2 feet bgs and sample location 2 was reported below the Type 1 RRS to a depth of 2-feet bgs. This data coupled with the historic data at sediment locations SED-3, SED-7, and SED-8 suggests that PCB impact is sporadic in the sediment and historic soil sample location SB-07 appears to be an isolated impacted location. Additional delineation to non-detect is not proposed as all areas have been delineated to Type 1 RRS and the remedial option proposed is the enclosure of the creek within a pipe to prevent any potential migration of PCB-impacted soil to sediment.

3.0 SCHEDULE AND FUTURE SUBMITTALS

A groundwater sampling event is scheduled for November 2015 to further assess the impact and any rebound in TCE contamination from the first ISCO injection. The second ISCO injection will be performed in December 2015 followed by two groundwater monitoring events. A limited soil removal activity near soil sample location SED-4 will also be performed in 2015 or the first quarter of 2016. We are currently assessing the ecological risk assessment previously proposed and if required will be performed in 2016. Additional activities for 2016 will include the partial cap to cover exposed areas of the former landfill, piping of a section of Little Bear Creek based on the risk assessment, groundwater monitoring, and development of groundwater ACLs where appropriate.

A Projected Milestone Schedule, showing timelines for the above items, is included in Appendix D.

Semiannual progress reports will continue to be submitted updating the progress and implementation of the VRPAP throughout the program. Additionally the Projected Milestone Schedule will be updated to show progress on the VRP objectives. The VRP Progress Report #2 will be submitted by April 15, 2016.

4.0 PROFESSIONAL GEOLOGIST CERTIFICATION STATEMENT

"I certify under penalty of law that this report 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/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

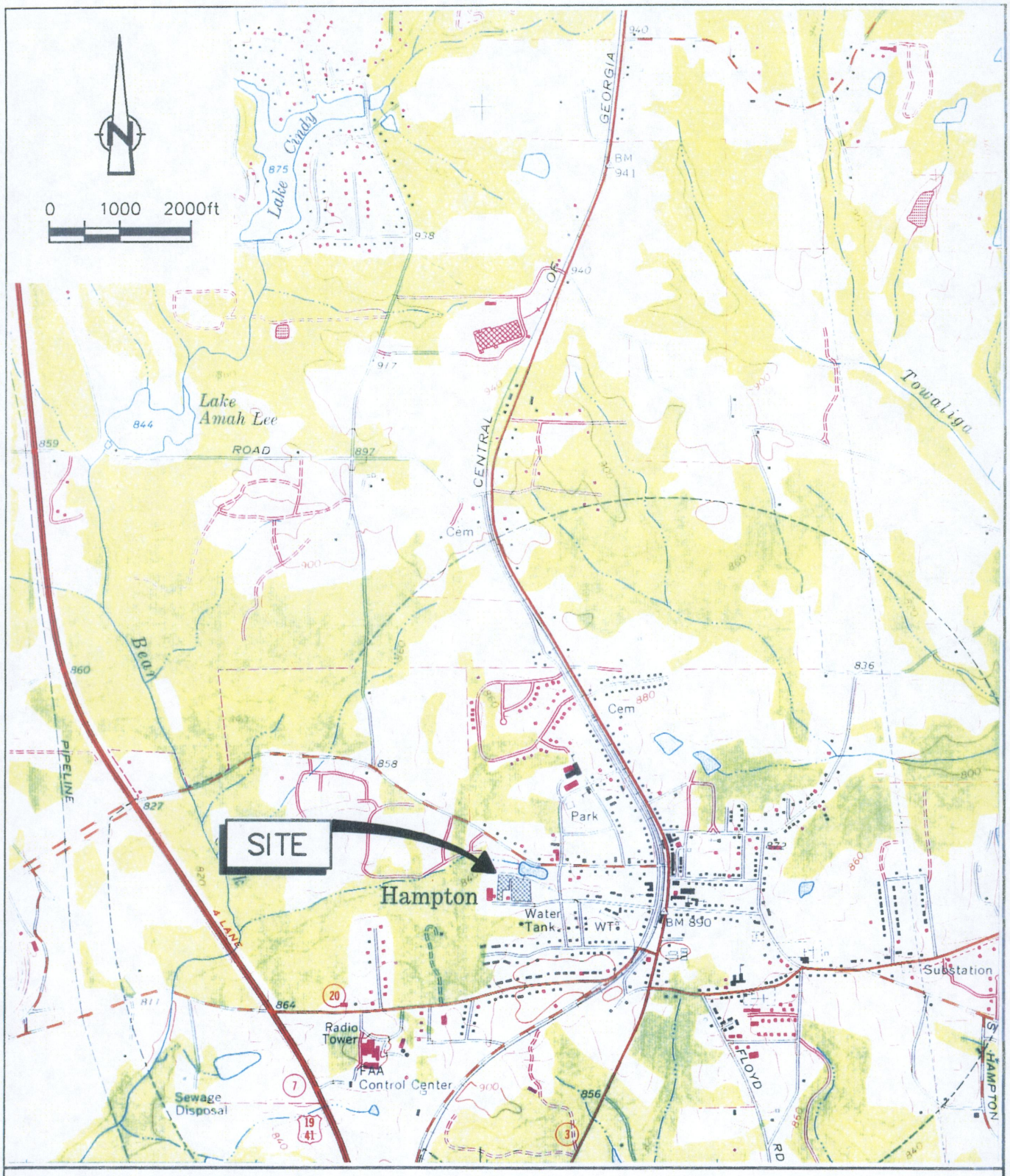
Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and log term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since 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. "

Mr. John O. Schwaller, P.G.
Georgia Registration No. 1617

Signature/Stamp

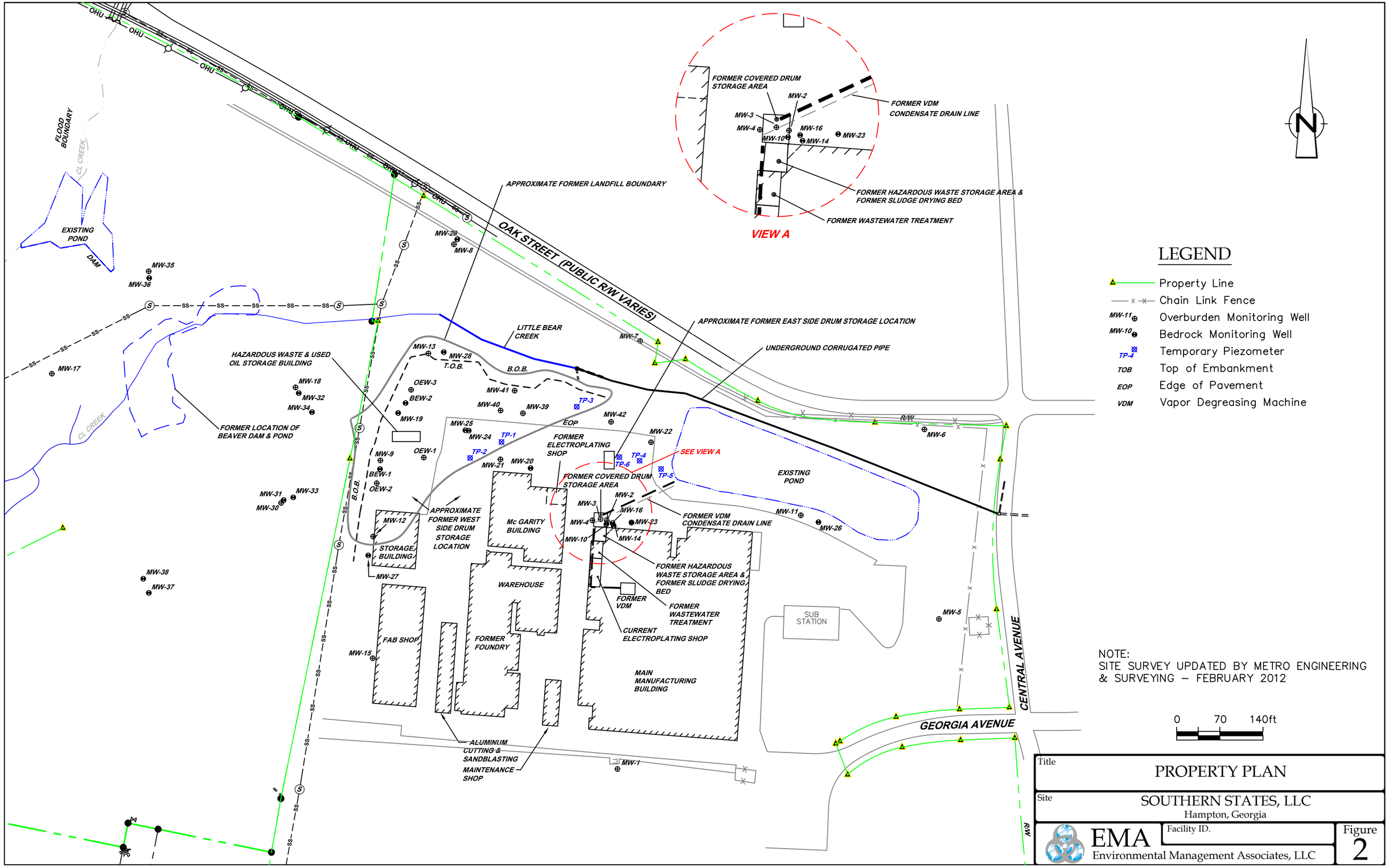
FIGURES

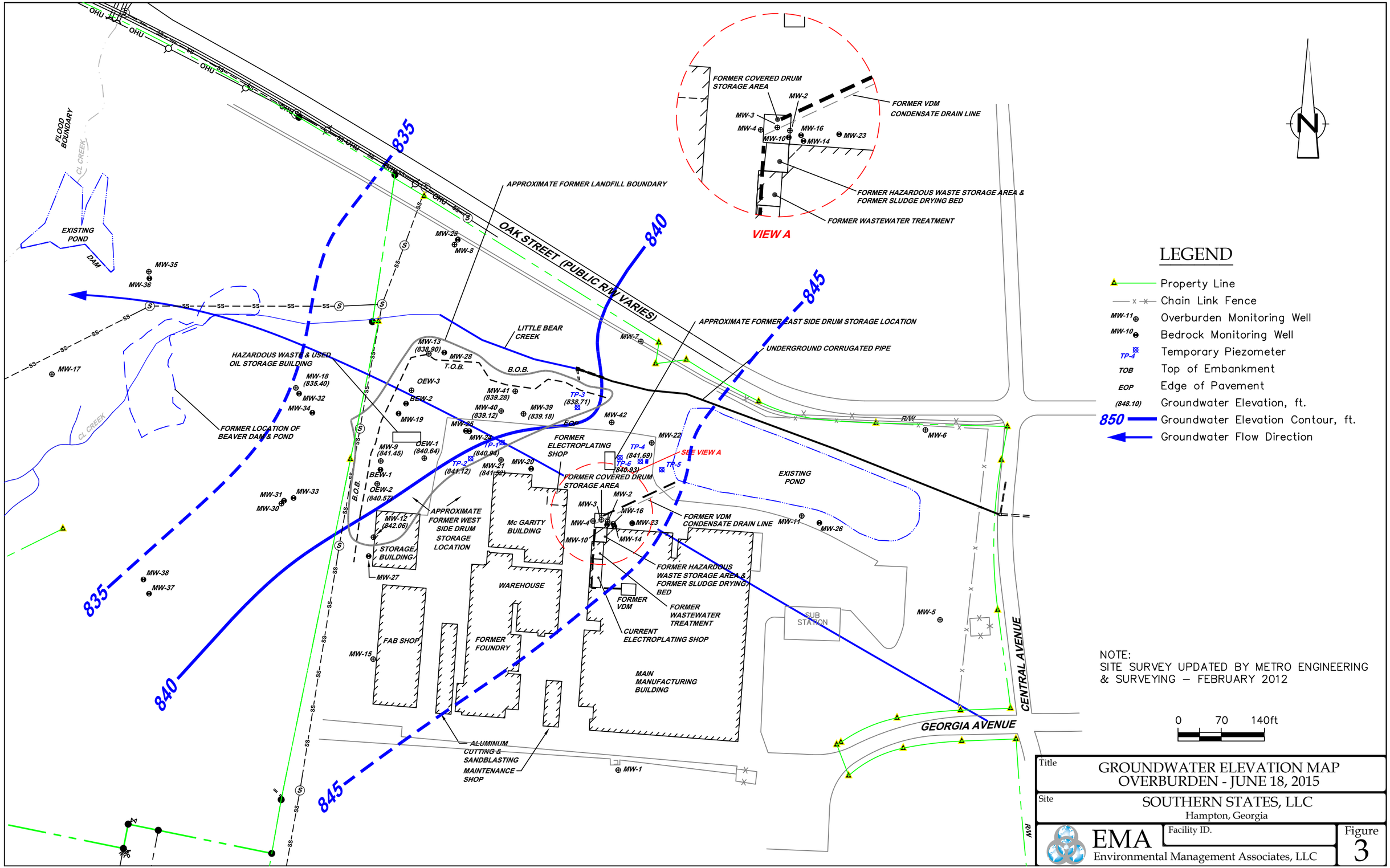


SOURCE: USGS QUADRANGLE;
HAMPTON, GEORGIA

figure 1

LOCATION MAP
SOUTHERN STATES SITE
Hampton, Georgia


OAK STREET (PUBLIC R/W VARIES)
FLOOD BOUNDARY
CL CREEK
EXISTING POND
DAM
MW-35
MW-36
MW-17
MW-18
MW-32
MW-34
FORMER LOCATION OF BEAVER DAM & POND
HAZARDOUS WASTE & USED OIL STORAGE BUILDING
APPROXIMATE FORMER LANDFILL BOUNDARY
MW-28
MW-8
LITTLE BEAR CREEK
MW-13
MW-26
T.O.B.
B.O.B.
OEW-3
BEW-2
MW-19
MW-41
MW-40
MW-39
TP-3
EOP
MW-42
MW-22
MW-25
MW-24
TP-1
TP-2
MW-21
MW-20
FORMER ELECTROPLATING SHOP
TP-4
TP-6
TP-5
SEE VIEW A
MW-9
OEW-1
BEW-1
OEW-2
MW-31
MW-33
MW-30
APPROXIMATE FORMER WEST SIDE DRUM STORAGE LOCATION
MW-12
STORAGE BUILDING
MW-27
Mc GARITY BUILDING
FORMER COVERED DRUM STORAGE AREA
MW-2
MW-3
MW-16
MW-4
MW-23
MW-10
MW-14
FORMER VDM CONDENSATE DRAIN LINE
FORMER HAZARDOUS WASTE STORAGE AREA & FORMER SLUDGE DRYING BED
FORMER WASTEWATER TREATMENT
FORMER VDM
CURRENT ELECTROPLATING SHOP
WAREHOUSE
FAB SHOP
MW-15
FORMER FOUNDRY
MAIN MANUFACTURING BUILDING
ALUMINUM CUTTING & SANDBLASTING
MAINTENANCE SHOP
MW-1
MW-38
MW-37
APPROXIMATE FORMER EAST SIDE DRUM STORAGE LOCATION
UNDERGROUND CORRUGATED PIPE
MW-7
R/W
MW-6
EXISTING POND
MW-11
MW-26
SUB STATION
MW-5
CENTRAL AVENUE
GEORGIA AVENUE
VIEW A
LEGEND
Property Line
Chain Link Fence
MW-11 Overburden Monitoring Well
MW-10 Bedrock Monitoring Well
TP-4 Temporary Piezometer
TOB Top of Embankment
EOP Edge of Pavement
VDM Vapor Degreasing Machine
NOTE:
SITE SURVEY UPDATED BY METRO ENGINEERING & SURVEYING – FEBRUARY 2012
0 70 140ft
Title
PROPERTY PLAN
Site
SOUTHERN STATES, LLC
Hampton, Georgia
EMA
Environmental Management Associates, LLC
Facility ID.
Figure
2



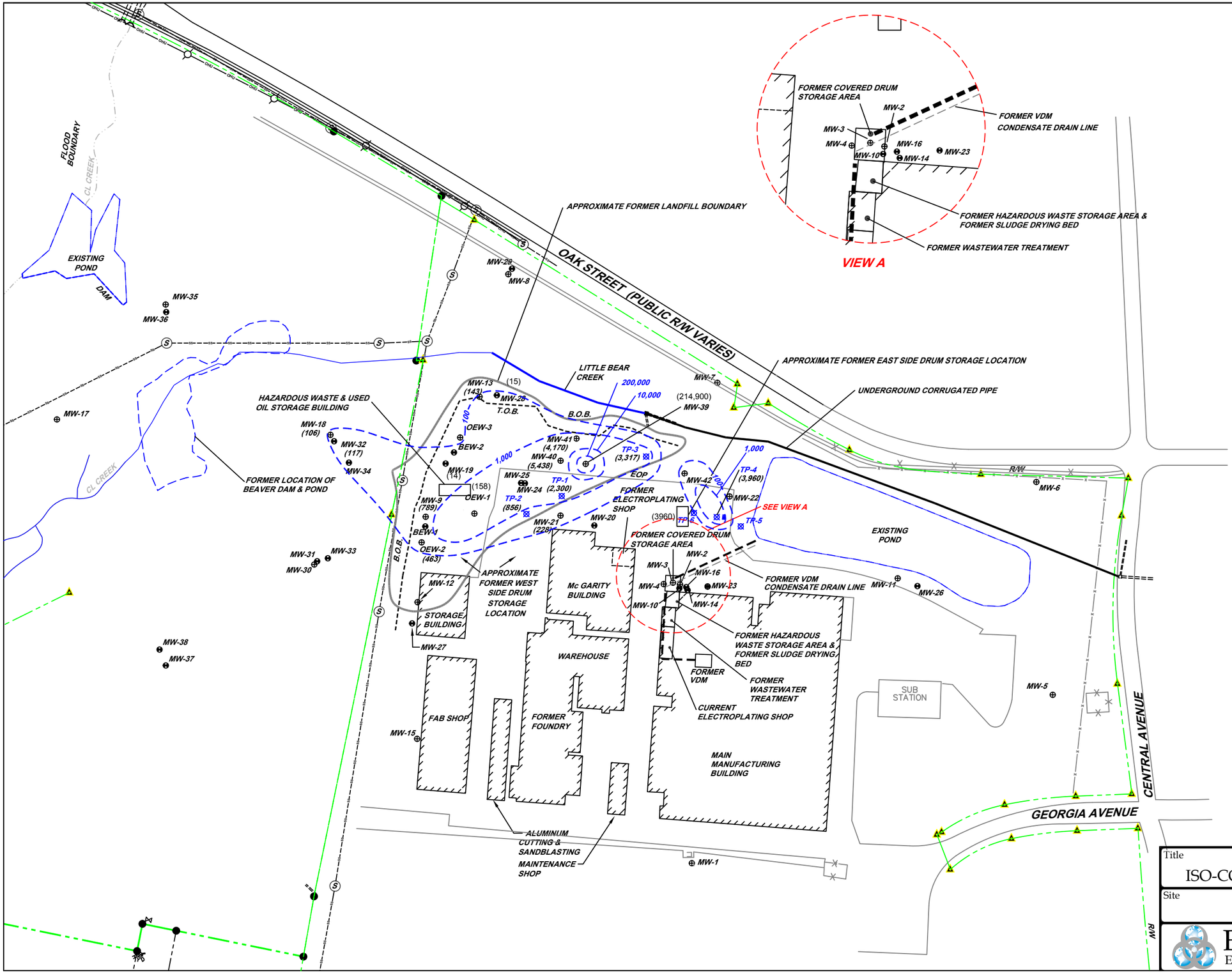
LEGEND

- Property Line
- Chain Link Fence
- MW-11 Overburden Monitoring Well
- MW-10 Bedrock Monitoring Well
- TP-4 Temporary Piezometer
- TOB Top of Embankment
- EOP Edge of Pavement
- (848.10) Groundwater Elevation, ft.
- 850 Groundwater Elevation Contour, ft.
- Groundwater Flow Direction

NOTE:
SITE SURVEY UPDATED BY METRO ENGINEERING & SURVEYING – FEBRUARY 2012

0 70 140ft

Title	GROUNDWATER ELEVATION MAP OVERBURDEN - JUNE 18, 2015
Site	SOUTHERN STATES, LLC Hampton, Georgia
EMA Environmental Management Associates, LLC	Facility ID.
Figure	3



LEGEND

- Property Line
- Chain Link Fence
- MW-11 Overburden Monitoring Well
- MW-10 Bedrock Monitoring Well
- TP-4 Temporary Piezometer
- TOB Top of Embankment
- EOP Edge of Pavement
- (105) Total VOC's, ug/L

NOTES:
1,) SITE SURVEY UPDATED BY METRO ENGINEERING & SURVEYING – FEBRUARY 2012

2.) MW–19 ,MW–28 , AND MW–32 ARE BEDROCK WELLS

0 70 140ft

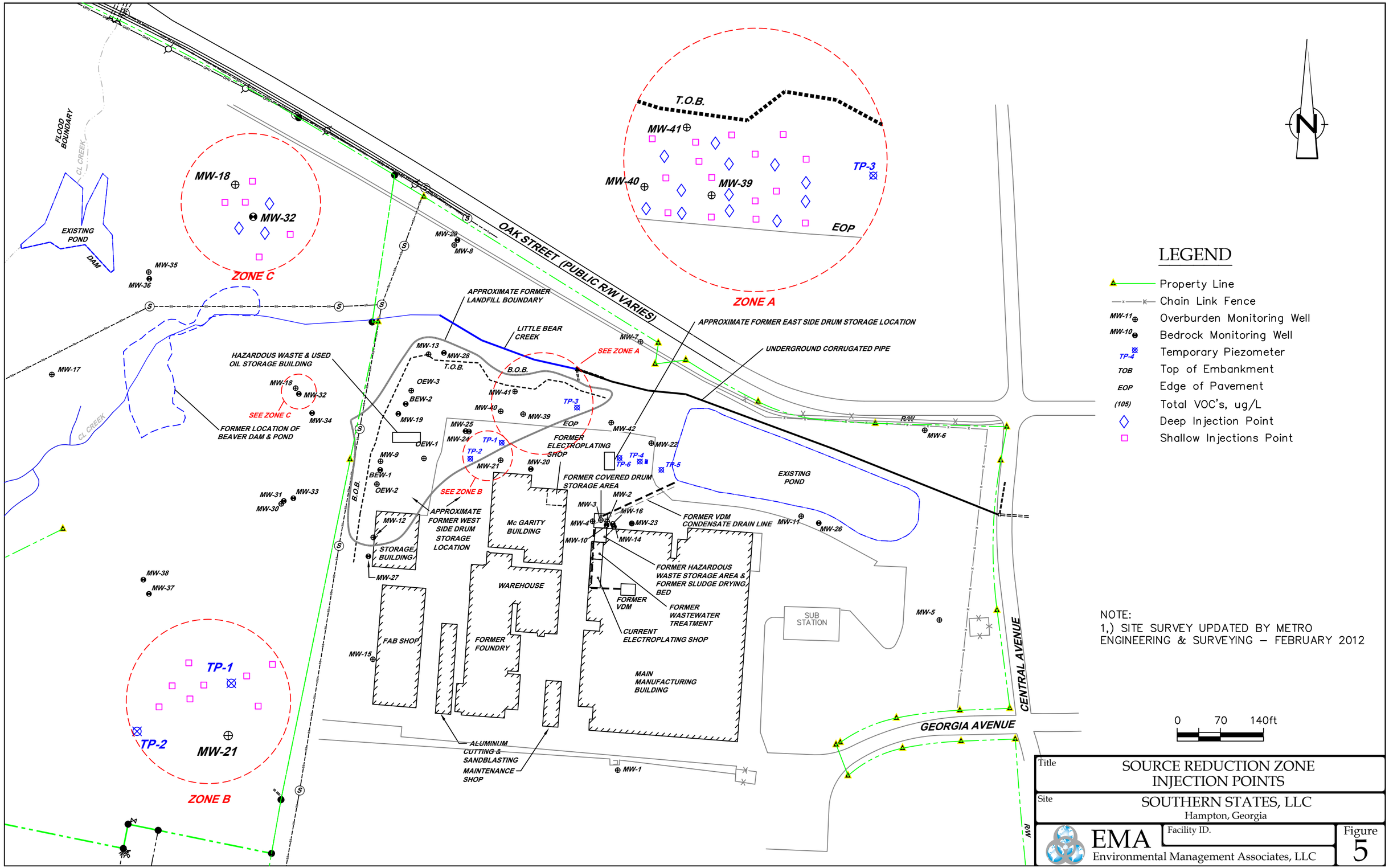
Title
PRE-INJECTION TOTAL VOC ISO-CONCENTRATION CONTOURS - JUNE 2015

Site
SOUTHERN STATES, LLC
Hampton, Georgia

EMA
Environmental Management Associates, LLC

Facility ID.

Figure 4


OAK STREET (PUBLIC R/W VARIES)
CENTRAL AVENUE
GEORGIA AVENUE
R/W
FLOOD BOUNDARY
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ZONE A
ZONE B
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T.O.B.
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EOP
MW-1
MW-2
MW-3
MW-4
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MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
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MW-35
MW-36
MW-37
MW-38
MW-39
MW-40
MW-41
MW-42
TP-1
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TP-3
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TP-5
TP-6
OEW-1
OEW-2
OEW-3
BEW-1
BEW-2
APPROXIMATE FORMER LANDFILL BOUNDARY
LITTLE BEAR CREEK
APPROXIMATE FORMER EAST SIDE DRUM STORAGE LOCATION
UNDERGROUND CORRUGATED PIPE
HAZARDOUS WASTE & USED OIL STORAGE BUILDING
FORMER LOCATION OF BEAVER DAM & POND
SEE ZONE A
SEE ZONE B
SEE ZONE C
FORMER ELECTROPLATING SHOP
FORMER COVERED DRUM STORAGE AREA
APPROXIMATE FORMER WEST SIDE DRUM STORAGE LOCATION
Mc GARITY BUILDING
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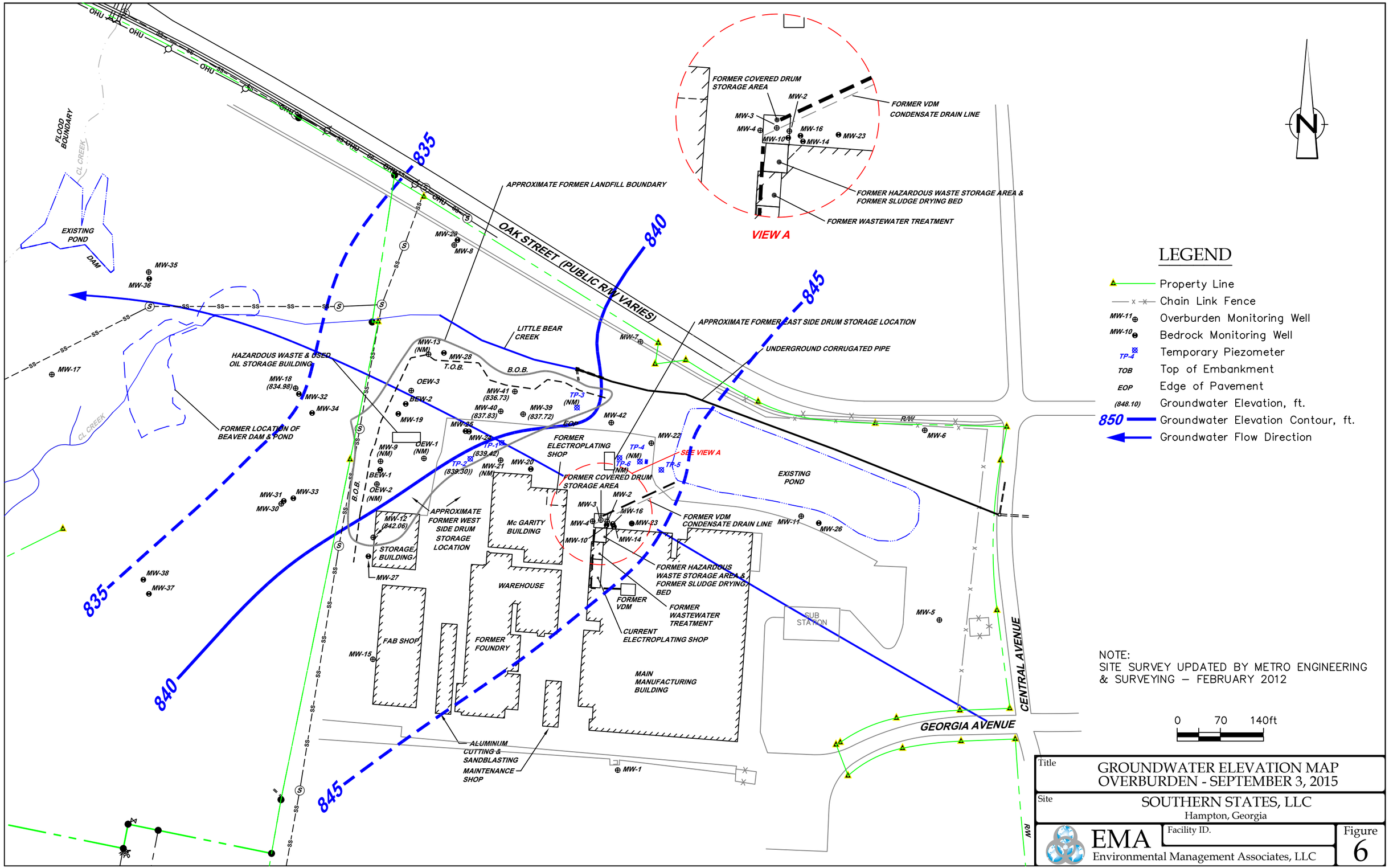
(105) Total VOC's, ug/L
Deep Injection Point
Shallow Injections Point
NOTE:
1,) SITE SURVEY UPDATED BY METRO ENGINEERING & SURVEYING – FEBRUARY 2012
0 70 140ft
Title
SOURCE REDUCTION ZONE INJECTION POINTS
Site
SOUTHERN STATES, LLC
Hampton, Georgia
EMA
Environmental Management Associates, LLC
Facility ID.
Figure
5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FAB SHOP
STORAGE BUILDING
FORMER VDM
CURRENT ELECTROPLATING SHOP
MAIN MANUFACTURING BUILDING
ALUMINUM CUTTING & SANDBLASTING
MAINTENANCE SHOP
SUB STATION
T.O.B.
B.O.B.
EOP
R/W
835
840
845
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9 (NM)
MW-10
MW-11
MW-12 (842.06)
MW-13 (NM)
MW-14
MW-15
MW-16
MW-17
MW-18 (834.98)
MW-19
MW-20
MW-21 (NM)
MW-22
MW-23
MW-26
MW-27
MW-28
MW-29
MW-30
MW-31
MW-32
MW-33
MW-34
MW-35
MW-36
MW-37
MW-38
MW-39 (837.72)
MW-40 (837.83)
MW-41 (836.73)
MW-42
TP-1 (839.42)
TP-2 (839.30)
TP-3 (NM)
TP-4 (NM)
TP-5
TP-6 (NM)
OEW-1 (NM)
OEW-2 (NM)
OEW-3
BEW-1
BEW-2
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GROUNDWATER ELEVATION MAP
OVERBURDEN - SEPTEMBER 3, 2015
Site
SOUTHERN STATES, LLC
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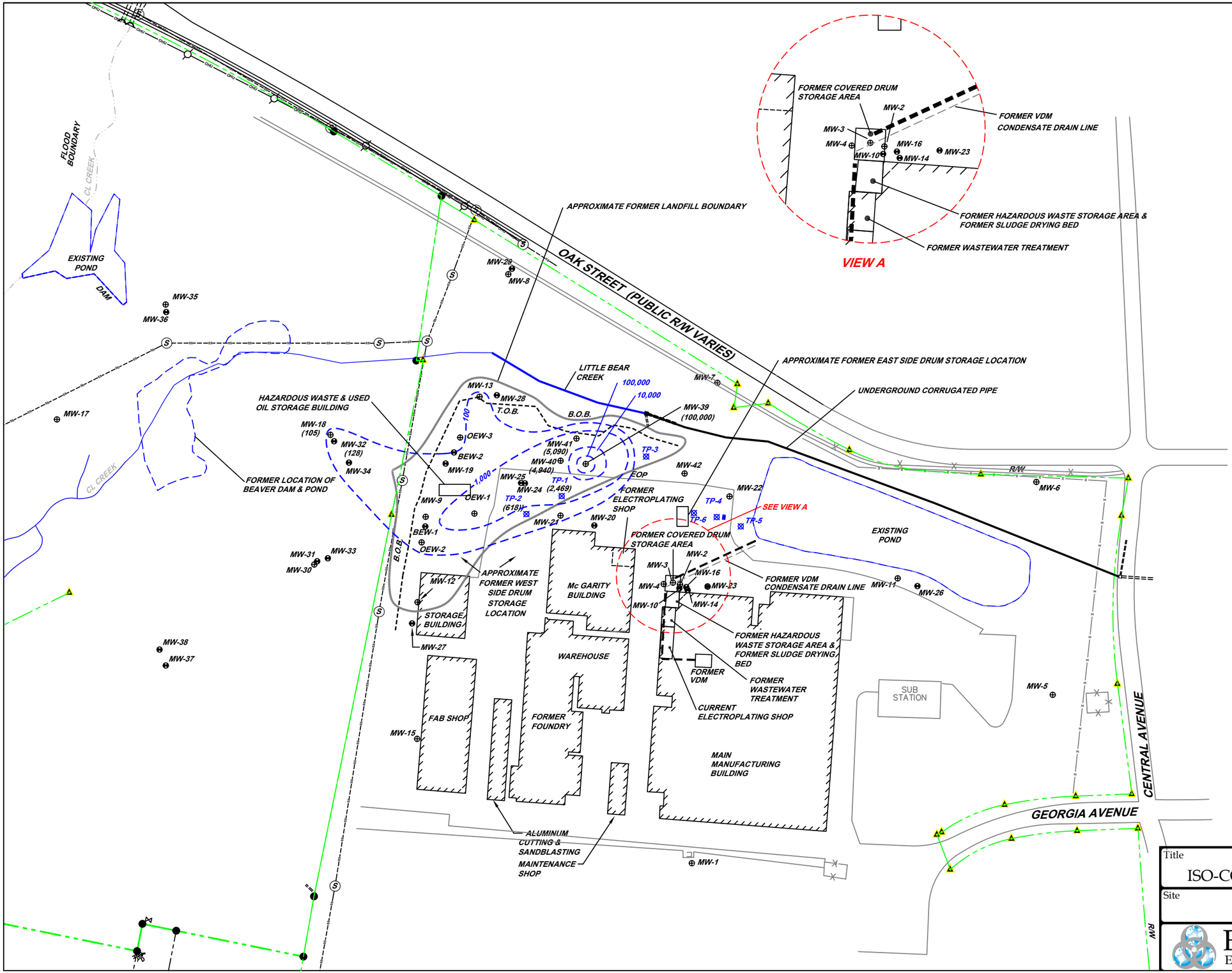
Figure
6



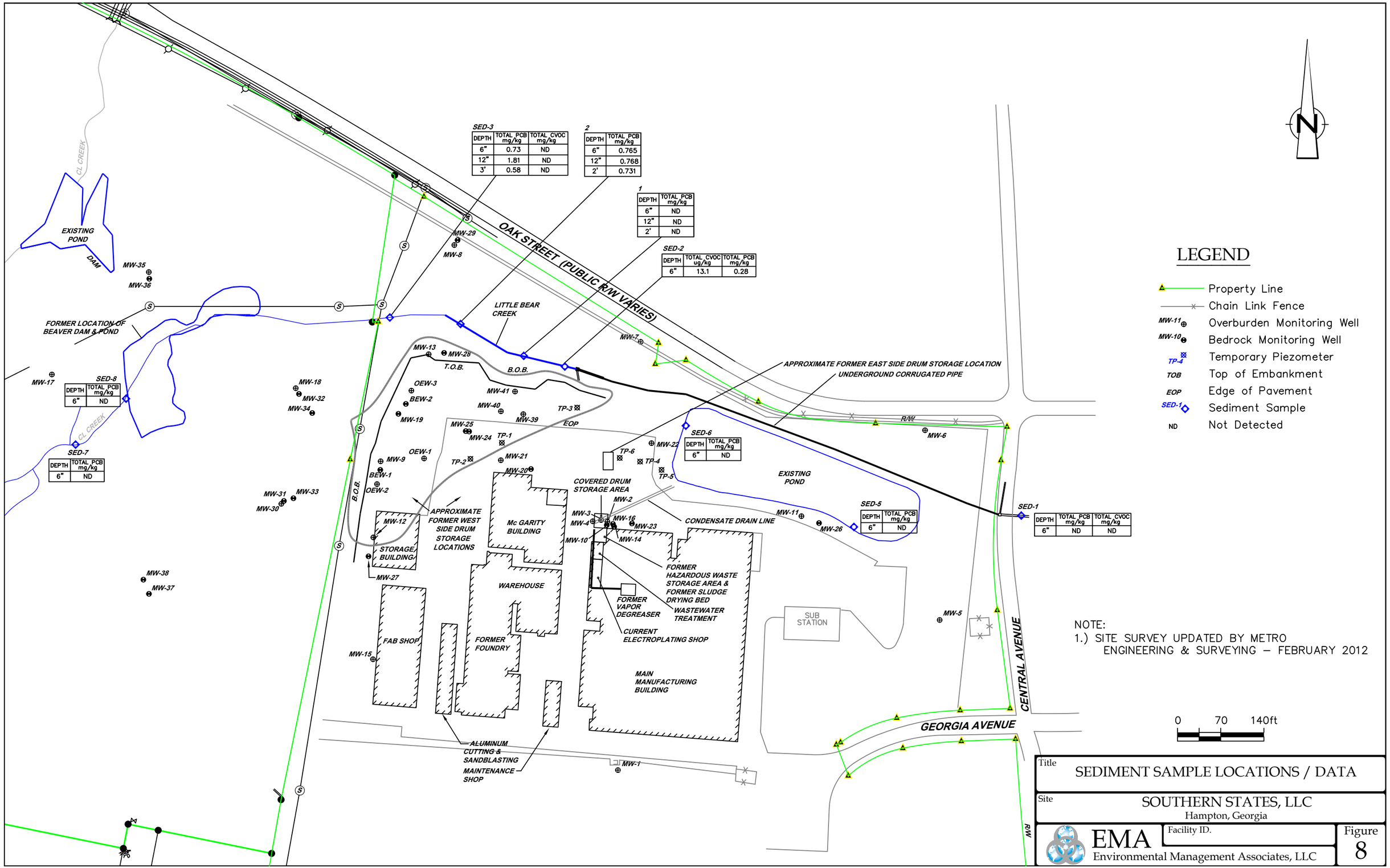
Title
POST-INJECTION TOTAL VOC ISO-CONCENTRATION CONTOURS - SEPT 2015

Site
SOUTHERN STATES, LLC
Hampton, Georgia

EMA
Environmental Management Associates, LLC

Facility ID.

Figure 7


SED-3
DEPTH | TOTAL PCB mg/kg | TOTAL CVOC mg/kg
6" | 0.73 | ND
12" | 1.81 | ND
3' | 0.58 | ND
2
DEPTH | TOTAL PCB mg/kg
6" | 0.765
12" | 0.768
2' | 0.731
1
DEPTH | TOTAL PCB mg/kg
6" | ND
12" | ND
2' | ND
SED-2
DEPTH | TOTAL CVOC ug/kg | TOTAL PCB mg/kg
6" | 13.1 | 0.28
SED-8
DEPTH | TOTAL PCB mg/kg
6" | ND
SED-7
DEPTH | TOTAL PCB mg/kg
6" | ND
SED-6
DEPTH | TOTAL PCB mg/kg
6" | ND
SED-5
DEPTH | TOTAL PCB mg/kg
6" | ND
SED-1
DEPTH | TOTAL PCB mg/kg | TOTAL CVOC mg/kg
6" | ND | ND
OAK STREET (PUBLIC R/W VARIES)
CL CREEK
EXISTING POND
DAM
FORMER LOCATION OF BEAVER DAM & POND
LITTLE BEAR CREEK
APPROXIMATE FORMER EAST SIDE DRUM STORAGE LOCATION
UNDERGROUND CORRUGATED PIPE
R/W
T.O.B.
B.O.B.
EOP
COVERED DRUM STORAGE AREA
CONDENSATE DRAIN LINE
APPROXIMATE FORMER WEST SIDE DRUM STORAGE LOCATIONS
Mc GARITY BUILDING
STORAGE BUILDING
WAREHOUSE
FAB SHOP
FORMER FOUNDRY
FORMER HAZARDOUS WASTE STORAGE AREA & FORMER SLUDGE DRYING BED
FORMER VAPOR DEGREASER
WASTEWATER TREATMENT
CURRENT ELECTROPLATING SHOP
MAIN MANUFACTURING BUILDING
SUB STATION
ALUMINUM CUTTING & SANDBLASTING
MAINTENANCE SHOP
GEORGIA AVENUE
CENTRAL AVENUE
MW-35
MW-36
MW-17
MW-18
MW-32
MW-34
MW-31
MW-33
MW-30
MW-38
MW-37
MW-29
MW-8
MW-7
MW-13
MW-28
MW-41
MW-40
MW-39
MW-25
MW-24
MW-21
MW-20
MW-22
MW-6
MW-11
MW-26
MW-5
MW-1
MW-15
MW-12
MW-27
MW-3
MW-4
MW-16
MW-23
MW-10
MW-14
MW-2
OEW-3
BEW-2
MW-19
OEW-1
MW-9
BEW-1
OEW-2
TP-1
TP-2
TP-3
TP-4
TP-5
TP-6
N
LEGEND
Property Line
Chain Link Fence
MW-11 Overburden Monitoring Well
MW-10 Bedrock Monitoring Well
TP-4 Temporary Piezometer
TOB Top of Embankment
EOP Edge of Pavement
SED-1 Sediment Sample
ND Not Detected
NOTE:
1.) SITE SURVEY UPDATED BY METRO ENGINEERING & SURVEYING – FEBRUARY 2012
0 70 140ft
Title
SEDIMENT SAMPLE LOCATIONS / DATA
Site
SOUTHERN STATES, LLC
Hampton, Georgia
EMA
Environmental Management Associates, LLC
Facility ID.
Figure
8

TABLES

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS
PERFORMANCE EVALUATION MONITORING WELLS
PRE-INJECTION BASELINE MONITORING
SOUTHERN STATES, LLC.
JUNE 18, 2015

Monitoring Well	*Reference Elevation (ft.)* [1]	*Depth to Groundwater (ft.)* [2]	*Groundwater Elevation (ft.)*
MW-9	856.50	15.05	841.45
MW-13	850.30	11.40	838.90
MW-18	838.03	2.63	835.40
MW-19 [3]	850.81	11.20	839.61
MW-21	851.32	9.80	841.52
MW-28 [3]	847.20	7.95	839.25
MW-32 [3]	838.86	3.15	835.71
MW-39	848.47	9.29	839.18
MW-40	851.86	12.74	839.12
MW-41	851.38	13.10	838.28
OEW-1	855.66	15.02	840.64
OEW-2	856.90	16.33	840.57
TP-1	850.44	9.50	840.94
TP-2	851.36	10.24	841.12
TP-3	848.34	9.63	838.71
TP-4	848.96	7.27	841.69
TP-6	849.43	8.5	840.93

Notes:

[1] North Atlantic Vertical Datum in feet
[2] Feet below top of casing
[3] Bedrock Well

TABLE 2

SUMMARY OF GROUNDWATER ELEVATIONS
PERFORMANCE EVALUATION MONITORING WELLS
POST-INJECTION PERFORMANCE MONITORING ROUND #1
SOUTHERN STATES, LLC.
SEPTEMBER 3, 2015

Monitoring Well	*Reference Elevation (ft.)* [1]	*Depth to Groundwater (ft.)* [2]	*Groundwater Elevation (ft.)*
MW-9	856.50	NM	
MW-13	850.30	NM	
MW-18	838.03	3.05	834.98
MW-19 [3]	850.81	NM	
MW-21	851.32	NM	
MW-28 [3]	847.20	NM	
MW-32 [3]	838.86	4.60	834.26
MW-39	848.47	10.75	837.72
MW-40	851.86	14.03	837.83
MW-41	851.38	14.65	836.73
OEW-1	855.66	NM	
OEW-2	856.90	NM	
TP-1	850.44	11.02	839.42
TP-2	851.36	12.06	839.30
TP-3	848.34	NM	
TP-4	848.96	NM	
TP-6	849.43	NM	

Notes:

[1] North Atlantic Vertical Datum in feet
[2] Feet below top of casing
[3] Bedrock Well
NM - Monitoring wells were not evaluated during this first sample round

TABLE 3
SUMMARY OF DETECTED COMPOUNDS - PERFORMANCE MONITORING WELLS
SOUTHERN STATES, LLC.
HAMPTON, GEORGIA

Location ID:			*MW-9*	*MW-9*	*MW-9*	*MW-13*	*MW-13*	*MW-13*	*MW-18*	*MW-18*	*MW-18*
Sample Name:			*MW-9*	*MW-9*	*MW-9*	*MW-13*	*MW-13*	*MW-13*	*MW-18*	*MW-18*	*MW-18*
Sample Date:			*7/1/14*	*6/18/15*	*9/3/15*	*7/1/14*	*6/18/15*	*9/3/15*	*7/2/14*	*6/18/15*	*9/3/15*
			Historic	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*
Parameters	*Units*	*Type 4 RRS*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	ug/L	13600	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	4000	8.5	7.2	NS	11	8.1	NS	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	524	6.3	7.2	NS	36	24	NS	5.0 U	5.0 U	5.0 U
1,4-Dioxane	ug/L	-	-	150 U	NS		150 U	NS		150 U	150 U
Acetone	ug/L	45620	50 U	50 U	NS	50 U	50 U	NS	50 U	50 U	50 U
Carbon tetrachloride	ug/L	10.2	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	29200	10 U	10 U	NS	10 U	10 U	NS	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	80	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	204	38	35	NS	170	84	NS	120	72	77
Methyl tert butyl ether (MTBE)	ug/L	263	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5241	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	2044	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5.24	**690**	**740**	NS	**40**	**23**	NS	**26**	**22**	**14**
Vinyl chloride	ug/L	3.27	2.0 U	2.0 U	NS	2.0 U	4	NS	**20**	**12**	**14**
Tetrachloroethane	ug/L	98	5.0 U	5.0 U	NS	5.0 U	5.0U	NS	5.0 U	5.0 U	5.0 U
					NS			NS			
Total chlorinated VOCs	ug/L	NC	743	789	NS	262	143	NS	166	106	105

Notes:
ug/L - micrograms per liter
NC - No established criteria (remediation goal)
5.0 U - not detected at associated method reporting limit
100 UJ - estimated result reported below associated reporting limit
"--" Not analyzed
ND - not detected
230 - Above the Type 4 RRS
NS - Not sampled

TABLE 3
SUMMARY OF DETECTED COMPOUNDS - PERFORMANCE MONITORING WELLS
SOUTHERN STATES, LLC.
HAMPTON, GEORGIA

Location ID:			*MW-19*	*MW-19*	*MW-19*	*MW-21*	*MW-21*	*MW-21*	*MW-28*	*MW-28*	*MW-28*
Sample Name:			*MW-19*	*MW-19*	*MW-19*	*MW-21*	*MW-21*	*MW-21*	*MW-28*	*MW-28*	*MW-28*
Sample Date:			*7/2/14*	*6/18/15*	*9/3/15*	*7/1/14*	*6/18/15*	*9/3/15*	*7/1/14*	*6/18/15*	*9/3/15*
			Historic	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*
Parameters	*Units*	*Type 4 RRS*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	ug/L	13600	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
1,1,2-Trichloroethane	ug/L	5	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
1,1-Dichloroethane	ug/L	4000	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
1,1-Dichloroethene	ug/L	524	5.0 U	5.0 U	NS	5.0 U	9.2	NS	5.0 U	5.0 U	NS
1,4-Dioxane	ug/L	-		150 U	NS		150 U	NS		150 U	NS
Acetone	ug/L	45620	50 U	50 U	NS	50 U	50 U	NS	50 U	50 U	NS
Carbon tetrachloride	ug/L	10.2	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
Chloroethane	ug/L	29200	10 U	10 U	NS	10 U	10 U	NS	10 U	10 U	NS
Chloroform (Trichloromethane)	ug/L	80	5.0 U	5.0 U	NS	5.4	5.0 U	NS	5.0 U	5.0 U	NS
cis-1,2-Dichloroethene	ug/L	204	5.0 U	5.0 U	NS	16	8.9	NS	5.0 U	5.0 U	NS
Methyl tert butyl ether (MTBE)	ug/L	263	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
Toluene	ug/L	5241	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
trans-1,2-Dichloroethene	ug/L	2044	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
Trichloroethene	ug/L	5.24	**14**	**14**	NS	**340**	**210**	NS	**16**	**15**	NS
Vinyl chloride	ug/L	3.27	2.0 U	2.0 U	NS	2.0 U	2.0 U	NS	2.0 U	2.0 U	NS
Tetrachloroethane	ug/L	98	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
					NS			NS			NS
Total chlorinated VOCs	ug/L	NC	14	14	NS	379	228	NS	16	15	NS

Notes:
ug/L - micrograms per liter
NC - No established criteria (remediation goal)
5.0 U - not detected at associated method reporting limit
100 UJ - estimated result reported below associated reporting limit
"--" Not analyzed
ND - not detected
230 - Above the Type 4 RRS
NS - Not sampled

TABLE 3
SUMMARY OF DETECTED COMPOUNDS - PERFORMANCE MONITORING WELLS
SOUTHERN STATES, LLC.
HAMPTON, GEORGIA

Location ID:			*MW-32*	*MW-32*	*MW-32*	*MW-39*	*MW-39*	*MW-39*	*MW-40*	*MW-40*	*MW-40*
Sample Name:			*MW-32*	*MW-32*	*MW-32*	*MW-39*	*MW-39*	*MW-39*	*MW-40*	*MW-40*	*MW-40*
Sample Date:			*7/2/14*	*6/18/15*	*9/3/15*	*7/2/14*	*6/18/15*	*9/3/15*	*7/1/14*	*6/18/15*	*9/3/15*
			Historic	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*
Parameters	*Units*	*Type 4 RRS*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	ug/L	13600	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
1,1,2-Trichloroethane	ug/L	5	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	**16**	**23**	250 U
1,1-Dichloroethane	ug/L	4000	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	36	44	250 U
1,1-Dichloroethene	ug/L	524	5.8	5.0 U	5.0 U	25000 U	**4900**	25000 U	42	61	250 U
1,4-Dioxane	ug/L	-		150 U	150 U		75000 U	750000 U		150 U	7500 U
Acetone	ug/L	45620	50 U	50 U	50 U	50000 U	25000 U	50000 U	50 U	50 U	2500 U
Carbon tetrachloride	ug/L	10.2	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
Chloroethane	ug/L	29200	10 U	10 U	10 U	25000 U	2500 U	25000 U	10 U	10 U	500 U
Chloroform (Trichloromethane)	ug/L	80	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
cis-1,2-Dichloroethene	ug/L	204	10	7.4	7.9	25000 U	2500 U	25000 U	**1500**	**1700**	**1600**
Methyl tert butyl ether (MTBE)	ug/L	263	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
Toluene	ug/L	5241	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
trans-1,2-Dichloroethene	ug/L	2044	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
Trichloroethene	ug/L	5.24	**110**	**110**	**120**	**200,000**	**210000**	**100,000**	**2100**	**3500**	**3200**
Vinyl chloride	ug/L	3.27	2.0 U	2.0 U	2.0 U	10000 U	1000 U	10000 U	**100**	**110**	**140**
Tetrachloroethane	ug/L	98	5.0 U	5.0 U	5.0 U	25000 U	2500 U	25000 U	5.0 U	5.0 U	250 U
Total chlorinated VOCs	ug/L	NC	126	118	128	200,000	214,900	100,000	3794	5438	4940

Notes:
ug/L - micrograms per liter
NC - No established criteria (remediation goal)
5.0 U - not detected at associated method reporting limit
100 UJ - estimated result reported below associated reporting limit
"--" Not analyzed
ND - not detected
230 - Above the Type 4 RRS
NS - Not sampled

TABLE 3
SUMMARY OF DETECTED COMPOUNDS - PERFORMANCE MONITORING WELLS
SOUTHERN STATES, LLC.
HAMPTON, GEORGIA

Location ID:			*MW-41*	*MW-41*	*MW-41*	*OEW-1*	*OEW-1*	*OEW-1*	*OEW-2*	*OEW-2*	*OEW-2*
Sample Name:			*MW-41*	*MW-41*	*MW-41*	*OEW-1*	*OEW-1*	*OEW-1*	*OEW-2*	*OEW-2*	*OEW-2*
Sample Date:			*7/1/14*	*6/18/15*	*9/3/15*	*7/2/14*	*6/18/15*	*9/3/15*	*7/1/14*	*6/18/15*	*9/3/15*
			Historic	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*
Parameters	*Units*	*Type 4 RRS*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	ug/L	13600	5.0 U	250 U	250 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
1,1,2-Trichloroethane	ug/L	5	5.0 U	250 U	250 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
1,1-Dichloroethane	ug/L	4000	23	250 U	250 U	5.0 U	5.0 U	NS	5.2	5.5	NS
1,1-Dichloroethene	ug/L	524	24	250 U	250 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
1,4-Dioxane	ug/L	-		7500 U	7500 U		150 U	NS		150 U	NS
Acetone	ug/L	45620	50 U	250 U	2500 U	50 U	50 U	NS	50 U	50 U	NS
Carbon tetrachloride	ug/L	10.2	5.0 U	250 U	250 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
Chloroethane	ug/L	29200	10 U	250 U	500 U	10 U	10 U	NS	10 U	10 U	NS
Chloroform (Trichloromethane)	ug/L	80	5.0 U	250 U	250 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
cis-1,2-Dichloroethene	ug/L	204	**880**	**670**	**690**	110	120	NS	**200**	**220**	NS
Methyl tert butyl ether (MTBE)	ug/L	263	5.0 U	250 U	5.0 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
Toluene	ug/L	5241	5.0 U	250 U	5.0 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
trans-1,2-Dichloroethene	ug/L	2044	5.0 U	250 U	5.0 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
Trichloroethene	ug/L	5.24	**2800**	**3500**	**4400**	**6.3**	**7.3**	NS	**300**	**220**	NS
Vinyl chloride	ug/L	3.27	**6.8**	100 U	100 U	**28**	**31**	NS	**15**	**17**	NS
Tetrachloroethane	ug/L	98	7.3	250 U	250 U	5.0 U	5.0 U	NS	5.0 U	5.0 U	NS
								NS			NS
Total chlorinated VOCs	ug/L	NC	3741	4170	5090	152	158	NS	520	457	NS

Notes:
ug/L - micrograms per liter
NC - No established criteria (remediation goal)
5.0 U - not detected at associated method reporting limit
100 UJ - estimated result reported below associated reporting limit
"--" Not analyzed
ND - not detected
230 - Above the Type 4 RRS
NS - Not sampled

TABLE 3
SUMMARY OF DETECTED COMPOUNDS - PERFORMANCE MONITORING WELLS
SOUTHERN STATES, LLC.
HAMPTON, GEORGIA

Location ID:			*TP-1*	*TP-1*	*TP-1*	*TP-2*	*TP-2*	*TP-2*	*TP-3*	*TP-3*	*TP-3*
Sample Name:			*TP-1*	*TP-1*	*TP-1*	*TP-2*	*TP-2*	*TP-2*	*TP-3*	*TP-3*	*TP-3*
Sample Date:			*7/1/14*	*6/18/15*	*9/3/15*	*7/1/14*	*6/18/15*	*9/3/15*	*7/2/14*	*6/18/15*	*9/3/15*
			Historic	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*
Parameters	*Units*	*Type 4 RRS*									
Volatile Organic Compounds											
1,1,1-Trichloroethane	ug/L	13600	5.0 U	250 U	5.0 U	5.0 U	5.0 U	5.0 U	540	510	NS
1,1,2-Trichloroethane	ug/L	5	**19**	250 U	**18**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
1,1-Dichloroethane	ug/L	4000	7.5	250 U	7.8	16	16	13	470	660	NS
1,1-Dichloroethene	ug/L	524	5.0 U	250 U	6.1	79	68	47	**1000**	**1300**	NS
1,4-Dioxane	ug/L	-		7500 U	150 U		150U	150 U		150 U	NS
Acetone	ug/L	45620	50 U	250 U	5.0 U	50 U	50 U	50 U	50 U	50 U	NS
Carbon tetrachloride	ug/L	10.2	5.0 U	250 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
Chloroethane	ug/L	29200	10 U	250 U	10 U	10 U	10 U	10 U	**11**	**11**	NS
Chloroform (Trichloromethane)	ug/L	80	26	250 U	24	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
cis-1,2-Dichloroethene	ug/L	204	110	250 U	110	43	46	48	55	63	NS
Methyl tert butyl ether (MTBE)	ug/L	263	5.0 U	250 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
Toluene	ug/L	5241	5.0 U	250 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
trans-1,2-Dichloroethene	ug/L	2044	5.0 U	250 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
Trichloroethene	ug/L	5.24	**2400**	**2300**	**2300**	**900**	**720**	**500**	**590**	**760**	NS
Vinyl chloride	ug/L	3.27	**3.8**	250 U	**3.3**	**6.3**	**5.7**	**9.8**	**13**	**13**	NS
Tetrachloroethane	ug/L	98	5.0 U	250 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NS
											NS
Total chlorinated VOCs	ug/L	NC	2566	2300	2469	1044	856	618	2679	3317	NS

Notes:
ug/L - micrograms per liter
NC - No established criteria (remediation goal)
5.0 U - not detected at associated method reporting limit
100 UJ - estimated result reported below associated reporting limit
"--" Not analyzed
ND - not detected
230 - Above the Type 4 RRS
NS - Not sampled

TABLE 3
SUMMARY OF DETECTED COMPOUNDS - PERFORMANCE MONITORING WELLS
SOUTHERN STATES, LLC.
HAMPTON, GEORGIA

Location ID:			*TP-4*	*TP-4*	*TP-4*	*TP-6*	*TP-6*	*TP-6*
Sample Name:			*TP-4*	*TP-4*	*TP-4*	*TP-6*	*TP-6*	*TP-6*
Sample Date:			*7/2/14*	*6/18/15*	*9/3/15*	*7/2/14*	*6/18/15*	*9/3/15*
			Historic	*Baseline*	*Post-Injection*	*Historic*	*Baseline*	*Post-Injection*
Parameters	*Units*	*Type 4 RRS*						
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	13600	1900	2800	NS	670	3400	NS
1,1,2-Trichloroethane	ug/L	5	5 U	250 U	NS	5.0 U	500 U	NS
1,1-Dichloroethane	ug/L	4000	650	770	NS	470	2100	NS
1,1-Dichloroethene	ug/L	524	260	390	NS	370	1200	NS
1,4-Dioxane	ug/L	-		150 U	NS		150 U	NS
Acetone	ug/L	45620	50 U	2500 U	NS	5.0 U	5000 U	NS
Carbon tetrachloride	ug/L	10.2	5.0 U	250 U	NS	5.0 U	500 U	NS
Chloroethane	ug/L	29200	10 U	500 U	NS	30	1000 U	NS
Chloroform (Trichloromethane)	ug/L	80	30	250 U	NS	5.0 U	500 U	NS
cis-1,2-Dichloroethene	ug/L	204	5.0 U	250 U	NS	5.0 U	500 U	NS
Methyl tert butyl ether (MTBE)	ug/L	263	5.0 U	250 U	NS	5.0 U	500 U	NS
Toluene	ug/L	5241	5.0 U	250 U	NS	5.0 U	500 U	NS
trans-1,2-Dichloroethene	ug/L	2044	5.0 U	250 U	NS	5.0 U	500 U	NS
Trichloroethene	ug/L	5.24	5.0 U	250 U	NS	5.0 U	500 U	NS
Vinyl chloride	ug/L	3.27	**3.5**	100 U	NS	**8.1**	200 U	NS
Tetrachloroethane	ug/L	98	5.0 U	250 U	NS	5.0 U	500 U	NS
					NS			NS
Total chlorinated VOCs	ug/L	NC	3113	3960	NS	1548	6700	NS

Notes:
ug/L - micrograms per liter
NC - No established criteria (remediation goal)
5.0 U - not detected at associated method reporting limit
100 UJ - estimated result reported below associated reporting limit
"--" Not analyzed
ND - not detected
230 - Above the Type 4 RRS
NS - Not sampled

APPENDIX A

AFFIDAVIT – PROPERTY STATUS

WOMBLE
CARLYLE
SANDRIDGE
& RICE
A LIMITED LIABILITY
PARTNERSHIP

271 17th Street, NW
Suite 2400
Atlanta, GA 30363-1017

Telephone: (404) 872-7000
Fax: (404) 888-7490
www.wcsr.com

Jimmy Frank Kirkland
Direct Dial: 404-879-2460
Direct Fax: 404-870-8223
E-mail: JKirkland@wcsr.com

May 20, 2015

Mr. Charles D. Williams
Program Manager
Response and Remediation Program
Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, Suite 1456
Atlanta, Georgia 30334

Re: HSI Site Number 10141
Southern States Site
Tax Parcel ID H03-05010000, 008-01001000 and 022-01060000
30 Georgia Avenue
Hampton, Henry County, Georgia

Dear Mr. Williams:

I am writing on behalf of our client Southern States, LLC to submit a copy of the affidavit filed with the Clerk of the Superior Court for Henry County required by your April 10, 2015 letter.

If you have any questions, please contact me.

Sincerely,

WOMBLE CARLYLE SANDRIDGE & RICE
A Limited Liability Partnership

Jimmy F. Kirkland
Partner

JFK:smw
Enclosure

cc: Mr. David M. Shelley (encls.)

RECEIVED IN OFFICE
HENRY COUNTY
CLERK OF SUPERIOR COURT

2015 MAY -6 PM 2:22

BK: 14034 PG: 166-171
Filed and Recorded May-07-2015 11:14:22AM
DOC#: D2015-010069
BARBARA A. HARRISON
CLERK OF SUPERIOR COURT Henry County GA.

After recording, please return to:

Womble Carlyle Sandridge & Rice, LLP
271 17th Street, NW, Suite 2400
Atlanta, Georgia 30363
Attn: Jimmy F. Kirkland

Please cross reference to:

Deed Book 5523, Page 319, and
Deed Book 11943, Page 263
Henry County, Georgia Records

STATE OF GEORGIA)
COUNTY OF HENRY)

Owner: **Southern States, LLC**
Recorded Deeds: **Deed Book 5523, Page 319**
Deed Book 11943, Page 263
Henry County, GA Records

AFFIDAVIT RECITING FACTS AFFECTING REAL PROPERTY

In re: Property located in Henry County, Georgia, identified in the above-captioned deeds and being more particularly described on the below-referenced Exhibit "A" hereto

PERSONALLY APPEARED BEFORE ME, the undersigned notary public authorized to administer oaths in and for the State of Georgia, came in person **DAVID SHELLEY** (the "Affiant"), who, having been duly sworn according to law and on oath, testifies as follows:

1. I am the Chief Financial Officer of **SOUTHERN STATES, LLC**, a Georgia limited liability company (the "Company") and as such officer, I have personal knowledge of the facts sworn to in this Affidavit; I am over 18 years of age, a resident of the State of Georgia, and the facts set out herein are of my own personal knowledge and are true and correct.

2. The Company is the owner of real property located at 30 Georgia Avenue, Hampton, Henry County, Georgia, and being more particularly described on Exhibit "A" attached hereto and incorporated herein by this reference (the "Property").

3. The Property has been listed on the State of Georgia's Hazardous Site Inventory as HIS # 10141 (the "Site"). Pursuant to the Georgia Rules for Hazardous Site Response, Section 391-3-19-06(6), the Site has been designated as needing corrective action due to the presence of

hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Please contact the Owner of the Property, Southern States, LLC, 30 Georgia Avenue, Hampton, Georgia 30028 or the Georgia Environmental Protection Division for further information concerning this Property. This Affidavit is provided in compliance with the Georgia Hazardous Site Response Act and the Georgia Voluntary Remediation Program Act.

This Affidavit is made by Affiant pursuant to the provisions of Official Code of Georgia Annotated Section 44-2-20, with knowledge that same will be filed for record under the provisions of Official Code of Georgia Annotated Section 44-2-20, and with knowledge that it will be relied on by attorneys examining title to the Property, by a purchaser or purchasers in purchasing said Property, by a lender or lenders in making a loan or loans secured by said Property and by a title insurance company insuring its title or issuing policies of title insurance to said purchaser(s) and/or lender(s).

AFFIANT:

Sworn to and subscribed before me
this 29th day of April, 2015:

David Shelley

Notary Public

My commission expires:

Susan H. Brown
Notary Public, Henry County, Georgia
My Commission Expires on the 19th day of May, 2015

[AFFIX NOTARIAL SEAL]

SEAL AFFIXED

EXHIBIT A

TRACT I - 13/+ acres

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 81 and 112 of the 3rd District and Land Lot 250 of the 6th District of Henry County, Georgia, being 13. 8527 acres according to a plat of survey for Southern States, Inc., by Boutwell Engineering, Inc., dated June 27, 2000 (the "Plat"), which Plat is incorporated herein by this reference, and being more particularly described as follows:

TO REACH THE TRUE POINT OF BEGINNING, commence at a point located at the intersection of the easterly right-of-way of Lindsey Lane (a 50 foot right-of-way) with the northerly right-of-way of Cindy Court (a 50 foot right-of-way); thence North 04 degrees 56 minutes 35 seconds West a distance of 198.47 feet to a point; thence along the arc of a curve to the left 101.58 feet, subtended by a chord distance of North 17 degrees 21 minutes 32 seconds West 98.44 feet to an iron pin found AND THE TRUE POINT OF BEGINNING; and from such TRUE POINT OF BEGINNING run thence along the arc of a curve to the left 86.34 feet, subtended by a chord distance of North 39 degrees 30 minutes 00 seconds West 85.88 feet to a point; thence South 40 degrees 11 minutes 38 seconds West 257.75 feet to an iron pin found; thence North 83 degrees 52 minutes 07 seconds West 118.45 feet to an iron pin found; thence South 80 degrees 04 minutes 36 seconds West 166.13 feet to an iron pin found; thence North 06 degrees 53 minutes 43 seconds west 124.05 feet to an iron pin found; thence South 83 degrees 02 minutes 39 seconds West 71.42 feet to an iron pin found; thence South 82 degrees 55 minutes 27 seconds West 108.11 feet to an iron pin found; thence North 01 degrees 47 minutes 29 seconds West 129.62 feet to a point; thence in a general easterly direction the following courses and distances: North 44 degrees 53 minutes 12 seconds East 204.85 feet to a point, North 74 degrees 02 minutes 31 seconds East 197.32 feet to a point, North 87 degrees 33 minutes 28 seconds East 327.24 feet to a point, North 61 degrees 56 minutes 36 seconds East 463.62 feet to a point, North 60 degrees 55 minutes 33 seconds East 233.07 feet to a point, North 86 degrees 57 minutes 59 seconds East 258.61 feet to a point; thence South 09 degrees 43 minutes 57 seconds West 562.89 feet to a point; thence South 08 degrees 11 minutes 13 seconds West 88.40 feet to an iron pin found; thence North 80 degrees 16 minutes 03 seconds West 237.38 feet to a point; thence South 09 degrees 43 minutes 57 seconds West 40 feet to an iron pin found; thence North 80 degrees 16 minutes 03 seconds West 317.95 feet to an iron pin found; thence North 19 degrees 02 minutes 28 seconds West 36.25 feet to an iron pin found; thence South 60 degrees 48 minutes 22 seconds West 182.26 feet to an iron pin found at the TRUE POINT OF BEGINNING.

TRACT II – 34/+ acres

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lots 81 and 112 of the 3rd District and Land Lots 250 and 251 of the 6th District of Henry County, Georgia, being 34.8326 acres according to a plat of Survey for Southern States, Inc., by Boutwell Engineering, Inc., dated June 27, 2000 (the "Plat"), which Plat is incorporated herein by this reference, and being more particularly described as follows:

TO REACH THE TRUE POINT OF BEGINNING, commence at a point located at the intersection of the easterly right-of-way of Lindsey Lane (a 50 foot right-of-way) with the northerly right-of-way of Cindy Court (a 50 foot right-of-way) thence North 04 degrees 56 minutes 35 seconds West a distance of 198.47 feet to a point; thence along the arc of a curve to the left 101.58 feet, subtended by a chord distance of North 17 degrees 21 minutes 32 seconds West 98.44 feet to an iron pin found; thence along the arc of a curve to the left 86.34 feet, subtended by a chord distance of North 39 degrees 30 minutes 00 seconds West 85.88 feet to a point; thence South 40 degrees 11 minutes 38 seconds West 257.75 feet to an iron pin found; thence North 83 degrees 52 minutes 07 seconds West 118.45 feet to an iron pin found; thence South 80 degrees 04 minutes 36 seconds West 166.13 feet an iron pin found; thence North 06 degrees 53 minutes 43 seconds West 124.05 feet to an iron pin found; thence South 83 degrees 02 minutes 39 seconds West 71.42 feet to an iron pin found; thence South 82 degrees 55 minutes 27 seconds West 108.11 feet to an iron pin found; thence North 01 degrees 47 minutes 29 seconds West 129.62 feet to the TRUE POINT OF BEGINNING; and from such TRUE POINT OF BEGINNING run thence North 01 degrees 47 minutes 29 seconds West 608.34 feet to an iron pin found; thence North 02 degrees 15 minutes 43 seconds East 749.50 feet to an iron pin found; thence South 88 degrees 40 minutes 58 seconds East 804.76 feet to an iron pin found; thence South 79 degrees 04 minutes 18 seconds East 250.46 feet to a point; thence southeasterly along the southwesterly right-of-way of Oak Street (a 50 foot right-of-way) 413.04 feet, subtended by a chord distance of South 63 degrees 51 minutes 41 seconds East 412.80 feet; thence South 60 degrees 52 minutes 43 seconds East along the southwesterly right-of-way of Oak Street 181.19 feet to a point; thence South 06 degrees 54 minutes 42 seconds West 240.75 feet to an iron pin found; thence North 84 degrees 03 minutes 47 seconds East 9.97 feet to an iron pin found; thence South 09 degrees 43 minutes 57 seconds West 227.93 feet to a point; thence in a general westerly direction the following courses and distances South 86 degrees 57 minutes 59 seconds West 258.61 feet, South 60 degrees 55 minutes 33 seconds West 233.07 feet, South 61 degrees 56 minutes 36 seconds West 463.62 feet, South 87 degrees 33 minutes 28 seconds West 327.24 feet, South 74 degrees 02 minutes 31 seconds West 197.32 feet, and South 44 degrees 53 minutes 12 seconds West 204.85 feet to the TRUE POINT OF BEGINNING.

LESS AND EXCEPT property described in that certain Right of Way Deed from Southern States, LLC and Mark IV Industries, Inc. to the City of Hampton, dated May 13, 2005, filed December 27, 2006, recorded in Deed Book 9857, Page 99, Henry County, Georgia, Records.

FURTHER LESS AND EXCEPT property described in that certain Right of Way Deed from Southern States, LLC and Mark IV Industries, Inc. to the City of Hampton, dated May 13, 2005, filed December 27, 2006, recorded in Deed Book 9857, Page 101, Henry County, Georgia, Records.

Exhibit "A"
Legal Description

All that tract or parcel of land lying and being in Land Lot 112 of the 3rd District and Land Lot 250 of the 6th District of Henry County, Georgia and being more particularly described as follows:

BEGINNING at an iron pin found at the intersection formed by the southerly right-of-way of Oak Street (50 foot right-of-way) and the westerly right-of-way of Central Avenue (50 foot right-of-way) and running thence southerly along the westerly right-of-way of Central Avenue (50 foot right-of-way) the following courses and distances: South 10 degrees 16 minutes 35 seconds West, 60.20 feet; thence along the arc of a curve to the left a distance of 244.04 feet (said arc having a chord distance of 243.07 feet on a bearing of South 01 degrees 25 minutes 43 seconds West and a radius of 790.164 feet); running thence South 07 degrees 25 minutes 10 seconds East a distance of 160.53 feet to the intersection formed by the westerly right-of-way of Central Avenue (50 foot right-of-way) and the northerly right-of-way of Georgia Avenue (50 foot right-of-way) running thence westerly along the northerly right-of-way of Georgia Avenue (50 foot right-of-way) the following courses and distances: South 87 degrees 45 minutes 07 seconds West a distance of 80.94 feet; running thence along the arc of a curve to the left a distance of 103.67 feet (said arc having a chord distance of 103.56 feet on a bearing of South 83 degrees 08 minutes 12 seconds West and a radius of 643.494 feet); running thence along the arc of a curve to the left a distance of 99.97 feet (said arc having a chord distance of 99.25 feet on a bearing of South 66 degrees 31 minutes 24 seconds West and a radius of 238.711 feet); running thence along the arc of a curve to the right a distance of 7.80 feet to the western terminus of Georgia Avenue (said arc having a chord distance of 7.78 feet on a bearing of South 61 degrees 46 minutes 25 seconds West and a radius of 30.832 feet); running thence South 20 degrees 58 minutes 41 seconds East along the western terminus of Georgia Avenue a distance of 53.89 feet to a point on the southerly right-of-way of Georgia Avenue (50 foot right-of-way); running thence easterly along the southerly right-of-way of Georgia Avenue (50 foot right-of-way) the following courses and distances: along the arc of a curve to the right a distance of 100.29 feet (said arc having a chord distance of 99.11 feet on a bearing of North 63 degrees 17 minutes 48 seconds East and a radius of 188.711 feet); running thence along the arc of a curve to the right a distance of 95.62 feet (said arc having a chord distance of 95.51 feet on a bearing of North 83 degrees 08 minutes 12 seconds East and a radius of 593.494 feet); running thence North 87 degrees 45 minutes 07 seconds East a

distance of 87.89 feet to the intersection formed by the northerly right-of-way of Georgia Avenue (50 foot right-of-way) and the westerly right-of-way of Central Avenue (40 foot right-of-way); running thence southerly along the westerly right-of-way of Central Avenue (40 foot right-of-way) and along the arc of a curve to the left a distance of 315.97 feet to an iron pin found (said arc having a chord distance of 315.93 feet on a bearing of South 05 degrees 08 minutes 24 seconds East and a radius of 5700.856 feet); running thence South 83 degrees 24 minutes 20 seconds West, and departing the westerly right-of-way of Central Avenue, a distance of 149.53 feet to an iron pin found; running thence South 06 degrees 25 minutes 26 seconds East a distance of 124.75 feet to an iron pin found; running thence South 83 degrees 21 minutes 28 seconds West a distance of 376.26 feet to an iron pin found; running thence South 83 degrees 19 minutes 14 seconds West a distance of 105.13 feet to an iron pin found; running thence South 83 degrees 28 minutes 48 seconds West a distance of 78.54 feet to an iron pin found; running thence North 86 degrees 28 minutes 45 seconds West a distance of 380.06 feet to an iron pin found; running thence North 86 degrees 16 minutes 01 seconds West a distance of 140.06 feet to an iron pin found; running thence North 86 degrees 15 minutes 01 seconds West a distance of 76.76 feet to an iron pin found; running thence North 09 degrees 58 minutes 04 seconds East a distance of 390.72 feet to a point; running thence North 11 degrees 30 minutes 48 seconds East a distance of 562.89 feet to a point; running thence North 11 degrees 34 minutes 48 seconds East a distance of 227.80 feet to a point; running thence South 85 degrees 26 minutes 48 seconds West a distance of 10.00 feet to a point; running thence North 07 degrees 47 minutes 41 seconds East a distance of 242.18 feet to a point on the southwesterly right-of-way of Oak Street (50 foot right-of-way); running thence southeasterly and easterly along the southwesterly and southerly right-of-way of Oak Street (50 foot right-of-way and variable right-of-way) the following courses and distances: South 59 degrees 04 minutes 15 seconds East a distance of 62.53 feet; running thence South 58 degrees 02 minutes 16 seconds East a distance of 445.80 feet; running thence South 08 degrees 41 minutes 38 seconds West a distance of 40.04 feet; running thence North 82 degrees 43 minutes 52 seconds East a distance of 58.16 feet; running thence South 58 degrees 02 minutes 16 seconds East a distance of 23.29 feet; thence along the arc of a curve to the left a distance of 105.42 feet (said arc having a chord distance of 105.38 feet on a bearing of South 60 degrees 38 minutes 30 seconds East and a radius of 1159.834 feet); running thence along the arc of a curve to the left a distance of 104.16 feet (said arc having a chord distance of 103.58 feet on a bearing of South 73 degrees 44 minutes 53 seconds East and a radius of 284.113 feet); running thence along the arc of a curve to the left a distance of 88.55 feet (said arc having a chord distance of 88.53 feet on a bearing of South 86 degrees 21 minutes 57 seconds East and a radius of 1199.241 feet); running thence South 88 degrees 28 minutes 52 seconds East a distance of 213.88 feet to the westerly right-of-way of Central Avenue (50 foot right-of-way) and the POINT OF BEGINNING.

Said property more accurately described on that certain ALTA/ACSM Land Title Survey dated May 9, 1997, prepared by V.T. Hammond, Georgia Registered Land Surveyor No. 2554, of Watts & Browning Engineers, Inc., and being shown as containing 29.30521 acres of 1,276,535 square feet according to said survey.

APPENDIX B

GROUNDWATER PURGE FORMS

&

ANALYTICAL LABORATORY REPORTS

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: JS

Monitoring Well Data:

Well No.: MW-9

Measurement Point: TOC

Constructed Well Depth (ft): 35.00

Measured Well Depth (ft): 35.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 30

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 15.05

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature °C*	*Conductivity [3] (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required[5]:	*±0.1 units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1128	60	15.05		6.21	18.14	0.281	111	2.12	16
1133		15.10		6.22	17.50	0.281	109	2.08	12
1138		15.15		6.22	17.65	0.281	110	1.88	8
1140		15.20		6.21	18.01	0.275	115	1.95	8
1145		15.18		6.20	17.54	0.278	112	1.88	6
Sample ID:	MW-9								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.: 619

Date: 6/18/15

Personnel: JS

Monitoring Well Data:

Well No.: MW-13

Measurement Point: TOC

Constructed Well Depth (ft): 20.10

Measured Well Depth (ft): 20.10

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 15

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 11.40

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature °C*	*Conductivity [3] (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required [5]:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1345	60	11.40		5.88	18.21	0.310	16	1.14	44
1348		11.50		5.90	18.10	0.308	22	1.12	22
1353		11.58		5.90	18.08	0.312	34	1.83	16
1356		11.65		5.93	18.20	0.310	35	2.10	11
1400		11.60		5.90	18.15	0.310	36	2.08	8
1405		11.67		5.88	18.10	0.310	34	2.06	8
Sample ID:	MW-13								
	VOCs* - Iron bacteria??								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.
Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/18

Personnel: J. Schwaller

JS

Monitoring Well Data:

Well No.: MW-18

Measurement Point: TOC

Constructed Well Depth (ft): 15.00

Measured Well Depth (ft): 15.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 10

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 2.63

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
			Precision Required:	±0.1 Yvitσ	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
1255	55	2.63		6.10	17.54	0.111	78	2.10	12
1258		2.71		6.08	17.90	0.110	70	2.08	6
1303		2.70		6.10	17.88	0.110	75	2.10	4
1310		2.76		6.10	18.02	0.109	70	2.04	4
1315		2.75		6.10	18.10	0.110	73	2.03	5
Sample ID:	MW-18								
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: JS

Monitoring Well Data:

Well No.: MW-19

Measurement Point: TOC

Constructed Well Depth (ft): 118.00

Measured Well Depth (ft): 118.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 114.5

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 11.20

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1220	60	11.20		6.10	16.40	0.210	212	3.40	17
1222		11.34		6.10	16.60	0.211	202	2.60	13
1225		11.40		6.08	16.74	0.208	195	2.40	8
1230		11.55		6.08	16.63	0.207	193	2.18	7
1235		11.50		6.08	16.75	0.207	174	1.98	6
1240		11.48		6.10	17.02	0.207	176	2.02	8
1243		11.47		6.06	16.88	0.207	170	1.99	10
Sample ID:	MW-19								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or approx.2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.
Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: B. Cortelloni

JS

Monitoring Well Data:

Well No.: MW-21

Measurement Point: TOC

Constructed Well Depth (ft): 23.80

Measured Well Depth (ft): 23.80

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 21

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 9.80

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature °C*	*Conductivity [3] (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Yvitσ*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1035	55	9.80		6.71	17.88	0.151	63	1.21	11
1040		9.85		6.71	17.80	0.150	64	1.08	7
1047		9.91		6.70	17.90	0.151	70	1.14	6
1048		10.02		6.70	17.74	0.150	78	1.21	5
1050		9.95		6.71	18.25	0.153	74	1.16	9
					17.84				
Sample ID:	MW-21								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/28/15

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: MW-28

Measurement Point: TOC

Constructed Well Depth (ft): 78.00

Measured Well Depth (ft): 78.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 75

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 7.95

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature °C*	*Conductivity [3] (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1350	60	7.95		5.98	18.21	0.109	63	2.06	6
1355		8.20		5.98	17.95	0.109	78	1.88	7
1402	55	8.10		5.98	17.80	0.105	90	1.54	11
1408		8.08		6.02	17.85	0.110	110	1.37	8
1410	50	8.03		6.01	17.89	0.106	108	1.38	7
1415		8.10		6.02	17.90	0.112	112	1.40	5
1420		8.15							
Sample ID:	MW-28								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: MW-32

Measurement Point: TOC

Constructed Well Depth (ft): 57.00

Measured Well Depth (ft): 57.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 52

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 3.15

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level* [2] *(ft)*	*pH*	*Temperature* ^{o}C	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1303	60	3.15		7.03	18.14	0.098	1.06	3.21	19
1312		3.20		7.04	17.80	0.098	1.15	2.12	15
1318		3.25		7.06	17.63	0.097	1.12	1.41	12
1320		3.28		7.05	17.70	0.098	1.16	1.32	6
1325		3.33		7.03	17.55	0.099	1.08	1.30	4
1330		3.39		7.05	17.60	0.098	1.21	1.38	8
Sample ID:	MW-32								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: MW-39

Measurement Point: TOC

Constructed Well Depth (ft): 32.00

Measured Well Depth (ft): 32.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 22

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 9.29

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
			Precision Required:	±0.1 Units	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
0830	55	9.29		6.10	22.01	0.468	7	ø	6.21
0833		9.75		5.88	21.90	0.503	63	–	6.02
0840		9.40		5.95	21.60	0.515	79	–	4.10
0843		9.41		5.92	21.40	0.558	93	–	1.9
0845		9.43		5.92	22.18	0.558	90	–	1.8
0850		9.40		5.92	23.43	0.558	98	ø	1.2
Sample ID:	MW-39								
	VOCs								

VOC r

Notes:

(1) The pump intake was placed at the well screen mid-point or at approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: MW-40

Measurement Point: TOC

Constructed Well Depth (ft): 32.00

Measured Well Depth (ft): 32.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 22

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 12.74

	Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
				Precision Required:	±0.1 Units	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
0920	~~0855~~	55	12.74		7.10	23.14	0.513	208	4.44	17.8
	0923		12.78		6.95	21.53	0.473	212	1.02	12.4
	0926		12.79		6.08	22.02	0.470	180	–	6.8
	0930		12.83		6.04	21.90	0.470	170	–	5.1
	0935		12.80		6.05	22.40	0.476	175	–	5.8
	0938		12.80		6.05	22.47	0.476	176	0	4.1
	Sample ID:	MW-40								
		VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or at approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6-8-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: MW-41

Measurement Point: TOC

Constructed Well Depth (ft): 32.00

Measured Well Depth (ft): 32.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 22

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 13.10

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
			Precision Required:	±0.1 Yvitσ	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
0855	55	13.10		5.78	21.34	0.427	409	ø	0.73
0858		13.18		6.01	21.38	0.422	402	-	0.84
0903		13.25		5.99	21.44	0.425	416	-	1.2
0908		13.29		6.02	21.65	0.420	410	-	1.5
0910		13.30		6.02	21.80	0.420	380	-	1.4
0915		13.28		6.02	21.40	0.420	388	-	1.1
Sample ID:	MW-41								
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or at approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/10

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: OEW-1

Measurement Point: TOC

Constructed Well Depth (ft):

Measured Well Depth (ft): 47.56

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 45

Well Diameter, D (in): 6

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 15.02

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level* [2] *(ft)*	*pH*	*Temperature* ^{o}C	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1100	60	15.22		6.14	22.14	0.374	210	6.47	44
1103		15.10		6.03	22.00	0.360	188	4.2	16.2
1108	55	15.20		6.08	21.90	0.350	190	3.11	11.2
1115		15.26		6.08	22.08	0.356	193	2.88	8.4
1120		15.30		6.10	22.10	0.356	190	2.89	9.8
Sample ID:	**OEW-1**								
	VOC								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: OEW-2

Measurement Point: TOC

Constructed Well Depth (ft):

Measured Well Depth (ft):

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]:

Well Diameter, D (in): 6

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 16.37

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO ? (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Yvito*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1155	55	16.37		5.99	22.10	0.410	116	1.16	33
1158		16.38		6.05	22.08	0.400	102	1.1	21.6
1203		16.45		6.05	22.15	0.395	88	4.2	21.8
1208		16.50		6.06	21.99	0.395	87	1.8	16.5
1212		16.46		6.10	21.90	0.395	90	1.6	11.2
1215		16.55		6.07	22.08	0.390	88	2.7	9.8
Sample ID:	OEW-2	~~DUP-0508~~							
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: TP-1

Measurement Point: TOC

Constructed Well Depth (ft): 22.40

Measured Well Depth (ft):

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 20

Well Diameter, D (in): 1

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 9.50

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level* [2] *(ft)*	*pH*	*Temperature* ^{o}C	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Yvito*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
0945	55	9.50		5.84	22.94	0.373	270	1.18	14.1
0950		9.55		5.34	23.11	0.360	274	1.11	12.3
0953		9.65		5.20	22.91	0.358	260	1.10	6.4
0955		9.73		5.20	23.60	0.358	255	1.11	7.1
1000		9.78		5.21	23.53	0.359	258	1.11	4.8
1005		9.70		5.21	22.95	0.359	250	1.11	4.2
Sample ID:	TP-1								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen at approx.2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6-8-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: TP-2

Measurement Point: TOC

Constructed Well Depth (ft): 30.00

Measured Well Depth (ft): 30.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 25

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 10.24

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)* [3]	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Yvitσ*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1010	50	10.24		5.58	22.94	0.177	201		13.4
1013		10.38		5.41	23.10	0.160	215		11.2
1018		10.41		5.40	23.16	0.148	268		8.0
1023		10.44		5.42	22.90	0.149	270		8.1
1030		10.46		5.42	23.19	0.149	278		8.4
Sample ID:	TP-2								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6-8-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: TP-3

Measurement Point: TOC

Constructed Well Depth (ft): 30.00

Measured Well Depth (ft): 30.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 24

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 9.63

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)* [3]	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
0810	55	9.63		6.23	21.91	0.255	95	0	25.5
0813		9.70		6.24	22.08	0.255	90	–	20.2
0815		9.78		6.20	21.71	0.252	95	–	11.2
0818		9.83		6.23	21.82	0.253	96	0	6.5
0822		9.85		6.22	21.60	0.252	96	0	4.6
0825		9.80		6.22	21.41	0.252	97	0	4.23
Sample ID:	TP-3								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: TP-4

Measurement Point: TOC

Constructed Well Depth (ft): 25.00

Measured Well Depth (ft): 25.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 17

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 7.27

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)* [3]	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Yvito*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
0730	55	7.27		6.20	22.25	0.158	67	0.37	6.24
0735		7.30		6.50	22.18	0.160	18	0	1.85
0740		7.41		6.55	21.99	0.163	14	0	1.73
0745		7.45		6.55	22.04	0.163	17	0	1.0
Sample ID:	TP-4								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 6/18/15

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: TP-6

Measurement Point: TOC

Constructed Well Depth (ft): 25.00

Measured Well Depth (ft): 25.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 17

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 8.50

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
			Precision Required:	±0.1 Yvitσ	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
0750	55	8.50		6.39	22.75	0.342	48	0	10.9
0753		8.55		6.32	23.14	0.344	44	0	7.2
0755		8.73		6.32	21.98	0.347	46	0	7.1
0800		8.78		6.32	22.50	0.349	47	0	6.6
0805		8.75		6.32	22.54	0.349	48	0	6.4
Sample ID:	TP-6	DUP-0509							
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC
Ref. No.:

Date: 5-3-15
Personnel: J. Schwaller

Monitoring Well Data:

Well No.: MW-18
Measurement Point: TOC
Constructed Well Depth (ft): 15.00
Measured Well Depth (ft): 15.00
Depth of Sediment (ft): N/A

Screen Length (ft):
Depth to Pump Intake (ft)[1]: 10
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL):
Initial Depth to Water (ft): 3.05

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level* [2] *(ft)*	*pH*	*Temperature* ^{o}C	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Yvito*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1208	55	3.05		5.93	19.33	0.270	44	2.33	13.8
1215				5.80	19.04	0.275	22	2.16	12.4
1220				5.79	19.21	0.280	12	2.08	6.3
1227				5.75	19.02	0.280	11	2.10	5.5
1230				5.75	19.16	0.280	16	2.05	4.1
Sample ID:	MW-18								
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.
(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.
Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 5-3-15

Personnel: J. Schwaller

Monitoring Well Data:

Well No.: MW-32

Measurement Point: TOC

Constructed Well Depth (ft): 57.00

Measured Well Depth (ft): 57.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 52

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 4.60

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity* [3] *(mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1200	50	4.60		6.03	18.98	0.201	135	4.01	63
1210		4.65		6.02	19.30	0.200	111	3.35	44
1216		4.68		5.99	19.60	0.208	88	3.15	20.2
1224		4.78		5.93	18.05	0.210	74	2.95	16.3
1233		4.83		5.90	18.80	0.211	67	3.00	12.2
1240		4.80		5.90	18.88	0.211	70	3.01	8.4
Sample ID:	MW-32								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 9-3-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: MW-39

Measurement Point: TOC

Constructed Well Depth (ft): 32.00

Measured Well Depth (ft): 32.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 22

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 10.75

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)* [3]	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1238	70	10.75		5.78	20.18	0.516	78	1.67	7.05
1245				5.74	20.02	0.502	83	1.42	6.12
1250				5.73	19.55	0.455	96	1.18	5.10
1255				5.71	19.70	0.451	99	1.16	5.06
1303				5.70	19.91	0.450	108	1.04	4.75
1310				5.70	19.80	0.450	100	1.21	4.44
Sample ID:	MW-39								
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or at approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 9-3-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: MW-40

Measurement Point: TOC

Constructed Well Depth (ft): 32.00

Measured Well Depth (ft): 32.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 22

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 14.03

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)* [3]	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1325	60	14.03		6.21	19.20	0.538	114	3.16	32
1325		14.10		6.14	19.10	0.540	102	3.02	24
1330		14.20		6.02	19.08	0.530	92	2.41	18.1
1335		14.23		5.83	19.41	0.520	88	2.24	16.3
1340		14.28		5.86	19.27	0.515	85	2.18	11.2
1348		14.20		5.85	19.20	0.508	90	2.10	9.0
1350		14.25		5.85	19.10	0.510	88	2.15	6.4
Sample ID:	MW-40								
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or at approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 9-3-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: MW-41

Measurement Point: TOC

Constructed Well Depth (ft): 32.00

Measured Well Depth (ft): 32.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 22

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 14.65

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
			Precision Required:	±0.1 Units	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
1400	65	14.65		6.24	20.21	0.360	191	3.10	63
1405		14.73		6.15	20.08	0.399	180	3.14	23.2
1410		14.78		6.11	19.95	0.406	177	1.88	11.4
1415	55	15.00		6.10	20.02	0.410	168	2.16	8.6
1420		14.90		6.08	19.90	0.411	178	2.10	7.2
1425		14.80		6.10	20.14	0.410	165	2.13	6.5
Sample ID:	MW-41								
	VOCs								

Notes:

(1) The pump intake was placed at the well screen mid-point or at approx. 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 9-3-15

Personnel: B. ~~Cortelloni~~ JJ

Monitoring Well Data:

Well No.: TP-1

Measurement Point: TOC

Constructed Well Depth (ft): 22.40

Measured Well Depth (ft):

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 20

Well Diameter, D (in): 1

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 11.02

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature °C*	*Conductivity [3] (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
			Precision Required:	*±0.1 Units*	*±3%*	*±0.005 or 0.01*	*±10 mV*	*±10%*	*±10%*
1435	55	11.02		6.12	21.02	0.341	210	2.41	12.8
1440		11.10		6.10	19.58	0.360	188	2.16	9.3
1445		11.21		6.15	21.01	0.358	165	2.02	4.8
1453		11.20		6.15	20.90	0.355	170	2.14	5.1
1455		11.18		6.15	20.88	0.355	178	2.08	6.2
Sample ID:	TP-1								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen at approx.2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Southern States LLC

Ref. No.:

Date: 9-3-15

Personnel: B. Cortelloni

Monitoring Well Data:

Well No.: TP-2

Measurement Point: TOC

Constructed Well Depth (ft): 30.00

Measured Well Depth (ft): 30.00

Depth of Sediment (ft): N/A

Screen Length (ft):

Depth to Pump Intake (ft)[1]: 25

Well Diameter, D (in): 2

Well Screen Volume, V_s (mL):

Initial Depth to Water (ft): 12.06

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level [2] (ft)	pH	Temperature °C	Conductivity [3] (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)
			Precision Required:	±0.1 Units	±3%	±0.005 or 0.01	±10 mV	±10%	±10%
1510	50	12.06		7.02	20.05	0.160	160	2.13	16.3
1515		12.15		7.08	19.90	0.155	175	2.44	12.1
1523		12.18		7.10	19.85	0.145	185	2.55	8.3
1528		12.20		7.08	19.74	0.140	190	2.50	7.6
1530		12.26		7.10	19.80	0.140	188	2.53	5.4
Sample ID:	TP-2								
	VOCs								

Notes:

(1) The pump intake was placed at the well mid-screen or 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.33 ft. The pumping rate should not exceed 600 mL/min.

(3) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing)

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 26, 2015

John Schwaller
Environmental Management Associates, LLC
5262 Belle Wood Ct.
Buford GA 30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Southern States

Dear John Schwaller: Order No: 1506L08

Analytical Environmental Services, Inc. received 18 samples on 6/19/2015 10:10:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive Atlanta GA 30340- 3906

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1506L08

Date: _____ Page 1 of 2

COMPANY: EMS / JS

ADDRESS:

PHONE:

FAX:

SAMPLED BY: J. SCHWARZ

SIGNATURE:

ANALYSIS REQUESTED: TCL VOC

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	MW-9	6/18	1145	X		GW	X		
2	MW-13		1405						
3	MW-18		1315					PLEASE	
4	MW-19		1243					INCLUDE	
5	MW-21		1050					1,4 DIOXANE	
6	MW-28		1420						
7	MW-32		1330						
8	MW-39		0850					HOT	
9	MW-40		0938						
10	MW-41		0915						
11	OEW-1		1120						
12	OEW-2		1215						
13	TP-1		1005						
14	TP-2		1030						

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	6/19/15 1010	1: Cataya Reeves	6/19/15 10:10a
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: SOUTHERN STATES

PROJECT #:

SITE ADDRESS:

SEND REPORT TO: SCHWARZ

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: [ ] I [ ] II [x] III [ ] IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

[x] CLIENT [ ] FedEx [ ] UPS [ ] MAIL [ ] COURIER

[ ] GREYHOUND [ ] OTHER _____

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED WITH STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) WW=Wastewater DW=Drinking Water O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive Atlanta GA 30340- 3906

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1506108

Date: _____ Page 2 of 2

COMPANY: EMA / R

ADDRESS:

PHONE:

FAX:

SAMPLED BY: J. SCHWARTZ

SIGNATURE:

ANALYSIS REQUESTED: TCL VOC

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) H	REMARKS	No # of Containers
1	TP-3	6/18	0825	X		GW	X		
2	TP-4	↓	0745	X		↓	X		
3	TP-6	↓	0805	X		↓	X	INCLUDE	
4	TRIP						X	1,4 DIOXANE	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	6/19/15 1010	1: Cataya Reeves	6/19/15 10:10
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

☑ CLIENT ☐ FedEx ☐ UPS ☐ MAIL ☐ COURIER

☐ GREYHOUND ☐ OTHER_____

PROJECT INFORMATION

PROJECT NAME: SOUTHERN STATES

PROJECT #:

SITE ADDRESS:

SEND REPORT TO:

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers

Turnaround Time Request

☑ Standard 5 Business Days

☐ 2 Business Day Rush

☐ Next Business Day Rush

☐ Same Day Rush (auth req.)

☐ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: ☐ I ☐ II ☑ III ☐ IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED WITH STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) WW=Wastewater DW=Drinking Water O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client: Environmental Management Associates, LLC
Project: Southern States
Lab ID: 1506L08

Case Narrative

Volatiles Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 1506L08-008A, -010A, -013A, -016A, & -017A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-9
Project Name:	Southern States	**Collection Date:**	6/18/2015 11:45:00 AM
Lab ID:	1506L08-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,1-Dichloroethane	7.2	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,1-Dichloroethene	7.2	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 17:13	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 17:13	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 17:13	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 17:13	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 17:13	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 17:13	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 17:13	NH
cis-1,2-Dichloroethene	35	5.0		ug/L	209144	1	06/22/2015 17:13	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 17:13	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 17:13	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-9
Project Name:	Southern States	**Collection Date:**	6/18/2015 11:45:00 AM
Lab ID:	1506L08-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Trichloroethene	740	50		ug/L	209144	10	06/22/2015 22:04	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Vinyl chloride	BRL	2.0		ug/L	209144	1	06/22/2015 17:13	NH
1,2-Dichloroethene, Total	35	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 17:13	NH
Surr: 4-Bromofluorobenzene	87.8	70.6-123		%REC	209144	1	06/22/2015 17:13	NH
Surr: 4-Bromofluorobenzene	89.7	70.6-123		%REC	209144	10	06/22/2015 22:04	NH
Surr: Dibromofluoromethane	97.1	78.7-124		%REC	209144	1	06/22/2015 17:13	NH
Surr: Dibromofluoromethane	96.2	78.7-124		%REC	209144	10	06/22/2015 22:04	NH
Surr: Toluene-d8	100	81.3-120		%REC	209144	10	06/22/2015 22:04	NH
Surr: Toluene-d8	101	81.3-120		%REC	209144	1	06/22/2015 17:13	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-13
Project Name:	Southern States	**Collection Date:**	6/18/2015 2:05:00 PM
Lab ID:	1506L08-002	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,1-Dichloroethane	8.1	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,1-Dichloroethene	24	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 15:59	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 15:59	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 15:59	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 15:59	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 15:59	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 15:59	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 15:59	NH
cis-1,2-Dichloroethene	84	5.0		ug/L	209144	1	06/22/2015 15:59	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 15:59	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 15:59	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-13
Project Name:	Southern States	**Collection Date:**	6/18/2015 2:05:00 PM
Lab ID:	1506L08-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Trichloroethene	23	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Vinyl chloride	4.0	2.0		ug/L	209144	1	06/22/2015 15:59	NH
1,2-Dichloroethene, Total	84	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 15:59	NH
Surr: 4-Bromofluorobenzene	89.9	70.6-123		%REC	209144	1	06/22/2015 15:59	NH
Surr: Dibromofluoromethane	97.4	78.7-124		%REC	209144	1	06/22/2015 15:59	NH
Surr: Toluene-d8	101	81.3-120		%REC	209144	1	06/22/2015 15:59	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-18
Project Name:	Southern States	**Collection Date:**	6/18/2015 1:15:00 PM
Lab ID:	1506L08-003	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 17:36	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 17:36	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 17:36	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 17:36	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 17:36	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 17:36	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 17:36	NH
cis-1,2-Dichloroethene	72	5.0		ug/L	209144	1	06/22/2015 17:36	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 17:36	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 17:36	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-18
Project Name:	Southern States	**Collection Date:**	6/18/2015 1:15:00 PM
Lab ID:	1506L08-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Trichloroethene	22	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Vinyl chloride	12	2.0		ug/L	209144	1	06/22/2015 17:36	NH
1,2-Dichloroethene, Total	72	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 17:36	NH
Surr: 4-Bromofluorobenzene	90.2	70.6-123		%REC	209144	1	06/22/2015 17:36	NH
Surr: Dibromofluoromethane	97	78.7-124		%REC	209144	1	06/22/2015 17:36	NH
Surr: Toluene-d8	101	81.3-120		%REC	209144	1	06/22/2015 17:36	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-19
Project Name:	Southern States	**Collection Date:**	6/18/2015 12:43:00 PM
Lab ID:	1506L08-004	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 16:23	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 16:23	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 16:23	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 16:23	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 16:23	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 16:23	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 16:23	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 16:23	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 16:23	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-19
Project Name:	Southern States	**Collection Date:**	6/18/2015 12:43:00 PM
Lab ID:	1506L08-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Trichloroethene	14	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Vinyl chloride	BRL	2.0		ug/L	209144	1	06/22/2015 16:23	NH
1,2-Dichloroethene, Total	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 16:23	NH
Surr: 4-Bromofluorobenzene	88	70.6-123		%REC	209144	1	06/22/2015 16:23	NH
Surr: Dibromofluoromethane	97.9	78.7-124		%REC	209144	1	06/22/2015 16:23	NH
Surr: Toluene-d8	102	81.3-120		%REC	209144	1	06/22/2015 16:23	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-21
Project Name:	Southern States	**Collection Date:**	6/18/2015 10:50:00 AM
Lab ID:	1506L08-005	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,1-Dichloroethene	9.2	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 18:01	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 18:01	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 18:01	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 18:01	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 18:01	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 18:01	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 18:01	NH
cis-1,2-Dichloroethene	8.9	5.0		ug/L	209144	1	06/22/2015 18:01	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 18:01	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 18:01	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-21
Project Name:	Southern States	**Collection Date:**	6/18/2015 10:50:00 AM
Lab ID:	1506L08-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Trichloroethene	210	50		ug/L	209144	10	06/23/2015 11:22	TH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Vinyl chloride	BRL	2.0		ug/L	209144	1	06/22/2015 18:01	NH
1,2-Dichloroethene, Total	8.9	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 18:01	NH
Surr: 4-Bromofluorobenzene	89.7	70.6-123		%REC	209144	1	06/22/2015 18:01	NH
Surr: 4-Bromofluorobenzene	90.8	70.6-123		%REC	209144	10	06/23/2015 11:22	TH
Surr: Dibromofluoromethane	99.2	78.7-124		%REC	209144	1	06/22/2015 18:01	NH
Surr: Dibromofluoromethane	101	78.7-124		%REC	209144	10	06/23/2015 11:22	TH
Surr: Toluene-d8	101	81.3-120		%REC	209144	1	06/22/2015 18:01	NH
Surr: Toluene-d8	101	81.3-120		%REC	209144	10	06/23/2015 11:22	TH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-28
Project Name:	Southern States	**Collection Date:**	6/18/2015 2:20:00 PM
Lab ID:	1506L08-006	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 16:48	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 16:48	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 16:48	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 16:48	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 16:48	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 16:48	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 16:48	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 16:48	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 16:48	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-28
Project Name:	Southern States	**Collection Date:**	6/18/2015 2:20:00 PM
Lab ID:	1506L08-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Trichloroethene	15	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Vinyl chloride	BRL	2.0		ug/L	209144	1	06/22/2015 16:48	NH
1,2-Dichloroethene, Total	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 16:48	NH
Surr: 4-Bromofluorobenzene	85.6	70.6-123		%REC	209144	1	06/22/2015 16:48	NH
Surr: Dibromofluoromethane	97.6	78.7-124		%REC	209144	1	06/22/2015 16:48	NH
Surr: Toluene-d8	100	81.3-120		%REC	209144	1	06/22/2015 16:48	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-32
Project Name:	Southern States	**Collection Date:**	6/18/2015 1:30:00 PM
Lab ID:	1506L08-007	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 18:25	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 18:25	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 18:25	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 18:25	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 18:25	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 18:25	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 18:25	NH
cis-1,2-Dichloroethene	7.4	5.0		ug/L	209144	1	06/22/2015 18:25	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 18:25	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 18:25	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-32
Project Name:	Southern States	**Collection Date:**	6/18/2015 1:30:00 PM
Lab ID:	1506L08-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Trichloroethene	110	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Vinyl chloride	BRL	2.0		ug/L	209144	1	06/22/2015 18:25	NH
1,2-Dichloroethene, Total	7.4	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 18:25	NH
Surr: 4-Bromofluorobenzene	87.4	70.6-123		%REC	209144	1	06/22/2015 18:25	NH
Surr: Dibromofluoromethane	97.5	78.7-124		%REC	209144	1	06/22/2015 18:25	NH
Surr: Toluene-d8	101	81.3-120		%REC	209144	1	06/22/2015 18:25	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-39
Project Name:	Southern States	**Collection Date:**	6/18/2015 8:50:00 AM
Lab ID:	1506L08-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,1,2,2-Tetrachloroethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,1,2-Trichloroethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,1-Dichloroethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,1-Dichloroethene	4900	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,2,4-Trichlorobenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,2-Dibromo-3-chloropropane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,2-Dibromoethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,2-Dichlorobenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,2-Dichloroethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,2-Dichloropropane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,3-Dichlorobenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,4-Dichlorobenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
1,4-Dioxane	BRL	75000		ug/L	209144	500	06/22/2015 12:21	NH
2-Butanone	BRL	25000		ug/L	209144	500	06/22/2015 12:21	NH
2-Hexanone	BRL	5000		ug/L	209144	500	06/22/2015 12:21	NH
4-Methyl-2-pentanone	BRL	5000		ug/L	209144	500	06/22/2015 12:21	NH
Acetone	BRL	25000		ug/L	209144	500	06/22/2015 12:21	NH
Benzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Bromodichloromethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Bromoform	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Bromomethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Carbon disulfide	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Carbon tetrachloride	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Chlorobenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Chloroethane	BRL	5000		ug/L	209144	500	06/22/2015 12:21	NH
Chloroform	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Chloromethane	BRL	5000		ug/L	209144	500	06/22/2015 12:21	NH
cis-1,2-Dichloroethene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
cis-1,3-Dichloropropene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Cyclohexane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Dibromochloromethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Dichlorodifluoromethane	BRL	5000		ug/L	209144	500	06/22/2015 12:21	NH
Ethylbenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Freon-113	BRL	5000		ug/L	209144	500	06/22/2015 12:21	NH
Isopropylbenzene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
m,p-Xylene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Methyl acetate	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Methyl tert-butyl ether	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Methylcyclohexane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Methylene chloride	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-39
Project Name:	Southern States	**Collection Date:**	6/18/2015 8:50:00 AM
Lab ID:	1506L08-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Styrene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Tetrachloroethene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Toluene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
trans-1,2-Dichloroethene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
trans-1,3-Dichloropropene	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Trichloroethene	210000	25000		ug/L	209144	5000	06/22/2015 14:23	NH
Trichlorofluoromethane	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Vinyl chloride	BRL	1000		ug/L	209144	500	06/22/2015 12:21	NH
1,2-Dichloroethene, Total	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Xylenes, Total	BRL	2500		ug/L	209144	500	06/22/2015 12:21	NH
Surr: 4-Bromofluorobenzene	73.3	70.6-123		%REC	209144	5000	06/22/2015 14:23	NH
Surr: 4-Bromofluorobenzene	91	70.6-123		%REC	209144	500	06/22/2015 12:21	NH
Surr: Dibromofluoromethane	95.5	78.7-124		%REC	209144	500	06/22/2015 12:21	NH
Surr: Dibromofluoromethane	95.8	78.7-124		%REC	209144	5000	06/22/2015 14:23	NH
Surr: Toluene-d8	97.2	81.3-120		%REC	209144	500	06/22/2015 12:21	NH
Surr: Toluene-d8	97.6	81.3-120		%REC	209144	5000	06/22/2015 14:23	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-40
Project Name:	Southern States	**Collection Date:**	6/18/2015 9:38:00 AM
Lab ID:	1506L08-009	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,1,2-Trichloroethane	23	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,1-Dichloroethane	44	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,1-Dichloroethene	61	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 20:27	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 20:27	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 20:27	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 20:27	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 20:27	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 20:27	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 20:27	NH
cis-1,2-Dichloroethene	1700	250		ug/L	209144	50	06/23/2015 10:58	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 20:27	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 20:27	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-40
Project Name:	Southern States	**Collection Date:**	6/18/2015 9:38:00 AM
Lab ID:	1506L08-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Trichloroethene	3500	250		ug/L	209144	50	06/23/2015 10:58	TH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Vinyl chloride	110	2.0		ug/L	209144	1	06/22/2015 20:27	NH
1,2-Dichloroethene, Total	1700	250		ug/L	209144	50	06/23/2015 10:58	TH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 20:27	NH
Surr: 4-Bromofluorobenzene	90	70.6-123		%REC	209144	50	06/23/2015 10:58	TH
Surr: 4-Bromofluorobenzene	89.5	70.6-123		%REC	209144	1	06/22/2015 20:27	NH
Surr: Dibromofluoromethane	98.6	78.7-124		%REC	209144	50	06/23/2015 10:58	TH
Surr: Dibromofluoromethane	96.7	78.7-124		%REC	209144	1	06/22/2015 20:27	NH
Surr: Toluene-d8	101	81.3-120		%REC	209144	50	06/23/2015 10:58	TH
Surr: Toluene-d8	98.6	81.3-120		%REC	209144	1	06/22/2015 20:27	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-41
Project Name:	Southern States	**Collection Date:**	6/18/2015 9:15:00 AM
Lab ID:	1506L08-010	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,1,2-Trichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,1-Dichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,1-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,2,4-Trichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,2-Dibromoethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,2-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,2-Dichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,2-Dichloropropane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,3-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,4-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
1,4-Dioxane	BRL	7500		ug/L	209144	50	06/22/2015 13:34	NH
2-Butanone	BRL	2500		ug/L	209144	50	06/22/2015 13:34	NH
2-Hexanone	BRL	500		ug/L	209144	50	06/22/2015 13:34	NH
4-Methyl-2-pentanone	BRL	500		ug/L	209144	50	06/22/2015 13:34	NH
Acetone	BRL	2500		ug/L	209144	50	06/22/2015 13:34	NH
Benzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Bromodichloromethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Bromoform	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Bromomethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Carbon disulfide	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Carbon tetrachloride	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Chlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Chloroethane	BRL	500		ug/L	209144	50	06/22/2015 13:34	NH
Chloroform	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Chloromethane	BRL	500		ug/L	209144	50	06/22/2015 13:34	NH
cis-1,2-Dichloroethene	670	250		ug/L	209144	50	06/22/2015 13:34	NH
cis-1,3-Dichloropropene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Cyclohexane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Dibromochloromethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Dichlorodifluoromethane	BRL	500		ug/L	209144	50	06/22/2015 13:34	NH
Ethylbenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Freon-113	BRL	500		ug/L	209144	50	06/22/2015 13:34	NH
Isopropylbenzene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
m,p-Xylene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Methyl acetate	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Methyl tert-butyl ether	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Methylcyclohexane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Methylene chloride	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-41
Project Name:	Southern States	**Collection Date:**	6/18/2015 9:15:00 AM
Lab ID:	1506L08-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Styrene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Tetrachloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Toluene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
trans-1,2-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
trans-1,3-Dichloropropene	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Trichloroethene	3500	250		ug/L	209144	50	06/22/2015 13:34	NH
Trichlorofluoromethane	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Vinyl chloride	BRL	100		ug/L	209144	50	06/22/2015 13:34	NH
1,2-Dichloroethene, Total	670	250		ug/L	209144	50	06/22/2015 13:34	NH
Xylenes, Total	BRL	250		ug/L	209144	50	06/22/2015 13:34	NH
Surr: 4-Bromofluorobenzene	91.2	70.6-123		%REC	209144	50	06/22/2015 13:34	NH
Surr: Dibromofluoromethane	95.8	78.7-124		%REC	209144	50	06/22/2015 13:34	NH
Surr: Toluene-d8	97.1	81.3-120		%REC	209144	50	06/22/2015 13:34	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	OEW-1
Project Name:	Southern States	**Collection Date:**	6/18/2015 11:20:00 AM
Lab ID:	1506L08-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 18:50	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 18:50	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 18:50	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 18:50	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 18:50	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 18:50	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 18:50	NH
cis-1,2-Dichloroethene	120	5.0		ug/L	209144	1	06/22/2015 18:50	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 18:50	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 18:50	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	OEW-1
Project Name:	Southern States	**Collection Date:**	6/18/2015 11:20:00 AM
Lab ID:	1506L08-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Trichloroethene	7.3	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Vinyl chloride	31	2.0		ug/L	209144	1	06/22/2015 18:50	NH
1,2-Dichloroethene, Total	120	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 18:50	NH
Surr: 4-Bromofluorobenzene	89.7	70.6-123		%REC	209144	1	06/22/2015 18:50	NH
Surr: Dibromofluoromethane	100	78.7-124		%REC	209144	1	06/22/2015 18:50	NH
Surr: Toluene-d8	99.8	81.3-120		%REC	209144	1	06/22/2015 18:50	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	OEW-2
Project Name:	Southern States	**Collection Date:**	6/18/2015 12:15:00 PM
Lab ID:	1506L08-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,1-Dichloroethane	5.5	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 19:14	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 19:14	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 19:14	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 19:14	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 19:14	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 19:14	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 19:14	NH
cis-1,2-Dichloroethene	220	50		ug/L	209144	10	06/23/2015 11:47	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 19:14	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 19:14	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	OEW-2
Project Name:	Southern States	**Collection Date:**	6/18/2015 12:15:00 PM
Lab ID:	1506L08-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Trichloroethene	220	50		ug/L	209144	10	06/23/2015 11:47	TH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Vinyl chloride	17	2.0		ug/L	209144	1	06/22/2015 19:14	NH
1,2-Dichloroethene, Total	220	50		ug/L	209144	10	06/23/2015 11:47	TH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 19:14	NH
Surr: 4-Bromofluorobenzene	87.9	70.6-123		%REC	209144	10	06/23/2015 11:47	TH
Surr: 4-Bromofluorobenzene	89.8	70.6-123		%REC	209144	1	06/22/2015 19:14	NH
Surr: Dibromofluoromethane	98.9	78.7-124		%REC	209144	1	06/22/2015 19:14	NH
Surr: Dibromofluoromethane	99.5	78.7-124		%REC	209144	10	06/23/2015 11:47	TH
Surr: Toluene-d8	100	81.3-120		%REC	209144	1	06/22/2015 19:14	NH
Surr: Toluene-d8	100	81.3-120		%REC	209144	10	06/23/2015 11:47	TH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-1
Project Name:	Southern States	**Collection Date:**	6/18/2015 10:05:00 AM
Lab ID:	1506L08-013	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,1,2-Trichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,1-Dichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,1-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,2,4-Trichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,2-Dibromoethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,2-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,2-Dichloroethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,2-Dichloropropane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,3-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,4-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
1,4-Dioxane	BRL	7500		ug/L	209144	50	06/22/2015 13:58	NH
2-Butanone	BRL	2500		ug/L	209144	50	06/22/2015 13:58	NH
2-Hexanone	BRL	500		ug/L	209144	50	06/22/2015 13:58	NH
4-Methyl-2-pentanone	BRL	500		ug/L	209144	50	06/22/2015 13:58	NH
Acetone	BRL	2500		ug/L	209144	50	06/22/2015 13:58	NH
Benzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Bromodichloromethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Bromoform	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Bromomethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Carbon disulfide	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Carbon tetrachloride	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Chlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Chloroethane	BRL	500		ug/L	209144	50	06/22/2015 13:58	NH
Chloroform	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Chloromethane	BRL	500		ug/L	209144	50	06/22/2015 13:58	NH
cis-1,2-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
cis-1,3-Dichloropropene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Cyclohexane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Dibromochloromethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Dichlorodifluoromethane	BRL	500		ug/L	209144	50	06/22/2015 13:58	NH
Ethylbenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Freon-113	BRL	500		ug/L	209144	50	06/22/2015 13:58	NH
Isopropylbenzene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
m,p-Xylene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Methyl acetate	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Methyl tert-butyl ether	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Methylcyclohexane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Methylene chloride	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-1
Project Name:	Southern States	**Collection Date:**	6/18/2015 10:05:00 AM
Lab ID:	1506L08-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Styrene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Tetrachloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Toluene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
trans-1,2-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
trans-1,3-Dichloropropene	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Trichloroethene	2300	250		ug/L	209144	50	06/22/2015 13:58	NH
Trichlorofluoromethane	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Vinyl chloride	BRL	100		ug/L	209144	50	06/22/2015 13:58	NH
1,2-Dichloroethene, Total	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Xylenes, Total	BRL	250		ug/L	209144	50	06/22/2015 13:58	NH
Surr: 4-Bromofluorobenzene	92.2	70.6-123		%REC	209144	50	06/22/2015 13:58	NH
Surr: Dibromofluoromethane	96.8	78.7-124		%REC	209144	50	06/22/2015 13:58	NH
Surr: Toluene-d8	97.7	81.3-120		%REC	209144	50	06/22/2015 13:58	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-2
Project Name:	Southern States	**Collection Date:**	6/18/2015 10:30:00 AM
Lab ID:	1506L08-014	**Matrix:**	Groundwater

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,1-Dichloroethane	16	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,1-Dichloroethene	68	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 19:38	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 19:38	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 19:38	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 19:38	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 19:38	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 19:38	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 19:38	NH
cis-1,2-Dichloroethene	46	5.0		ug/L	209144	1	06/22/2015 19:38	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 19:38	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 19:38	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-2
Project Name:	Southern States	**Collection Date:**	6/18/2015 10:30:00 AM
Lab ID:	1506L08-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Trichloroethene	720	50		ug/L	209144	10	06/23/2015 12:43	TH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Vinyl chloride	5.7	2.0		ug/L	209144	1	06/22/2015 19:38	NH
1,2-Dichloroethene, Total	46	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 19:38	NH
Surr: 4-Bromofluorobenzene	89.4	70.6-123		%REC	209144	10	06/23/2015 12:43	TH
Surr: 4-Bromofluorobenzene	90	70.6-123		%REC	209144	1	06/22/2015 19:38	NH
Surr: Dibromofluoromethane	96.5	78.7-124		%REC	209144	1	06/22/2015 19:38	NH
Surr: Dibromofluoromethane	98.1	78.7-124		%REC	209144	10	06/23/2015 12:43	TH
Surr: Toluene-d8	99.4	81.3-120		%REC	209144	1	06/22/2015 19:38	NH
Surr: Toluene-d8	102	81.3-120		%REC	209144	10	06/23/2015 12:43	TH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-3
Project Name:	Southern States	**Collection Date:**	6/18/2015 8:25:00 AM
Lab ID:	1506L08-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	510	50		ug/L	209144	10	06/23/2015 15:34	TH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,1-Dichloroethane	660	50		ug/L	209144	10	06/23/2015 15:34	TH
1,1-Dichloroethene	1300	50		ug/L	209144	10	06/23/2015 15:34	TH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 20:02	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 20:02	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 20:02	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 20:02	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 20:02	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Chloroethane	11	10		ug/L	209144	1	06/22/2015 20:02	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 20:02	NH
cis-1,2-Dichloroethene	63	5.0		ug/L	209144	1	06/22/2015 20:02	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 20:02	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 20:02	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-3
Project Name:	Southern States	**Collection Date:**	6/18/2015 8:25:00 AM
Lab ID:	1506L08-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Trichloroethene	760	50		ug/L	209144	10	06/23/2015 15:34	TH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Vinyl chloride	13	2.0		ug/L	209144	1	06/22/2015 20:02	NH
1,2-Dichloroethene, Total	63	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 20:02	NH
Surr: 4-Bromofluorobenzene	91.5	70.6-123		%REC	209144	1	06/22/2015 20:02	NH
Surr: 4-Bromofluorobenzene	91	70.6-123		%REC	209144	10	06/23/2015 15:34	TH
Surr: Dibromofluoromethane	93	78.7-124		%REC	209144	10	06/23/2015 15:34	TH
Surr: Dibromofluoromethane	106	78.7-124		%REC	209144	1	06/22/2015 20:02	NH
Surr: Toluene-d8	97.9	81.3-120		%REC	209144	10	06/23/2015 15:34	TH
Surr: Toluene-d8	101	81.3-120		%REC	209144	1	06/22/2015 20:02	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-4
Project Name:	Southern States	**Collection Date:**	6/18/2015 7:45:00 AM
Lab ID:	1506L08-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	2800	250		ug/L	209144	50	06/22/2015 15:35	NH
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,1,2-Trichloroethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,1-Dichloroethane	770	250		ug/L	209144	50	06/22/2015 15:35	NH
1,1-Dichloroethene	390	250		ug/L	209144	50	06/22/2015 15:35	NH
1,2,4-Trichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,2-Dibromoethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,2-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,2-Dichloroethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,2-Dichloropropane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,3-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,4-Dichlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
1,4-Dioxane	BRL	7500		ug/L	209144	50	06/22/2015 15:35	NH
2-Butanone	BRL	2500		ug/L	209144	50	06/22/2015 15:35	NH
2-Hexanone	BRL	500		ug/L	209144	50	06/22/2015 15:35	NH
4-Methyl-2-pentanone	BRL	500		ug/L	209144	50	06/22/2015 15:35	NH
Acetone	BRL	2500		ug/L	209144	50	06/22/2015 15:35	NH
Benzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Bromodichloromethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Bromoform	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Bromomethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Carbon disulfide	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Carbon tetrachloride	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Chlorobenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Chloroethane	BRL	500		ug/L	209144	50	06/22/2015 15:35	NH
Chloroform	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Chloromethane	BRL	500		ug/L	209144	50	06/22/2015 15:35	NH
cis-1,2-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
cis-1,3-Dichloropropene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Cyclohexane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Dibromochloromethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Dichlorodifluoromethane	BRL	500		ug/L	209144	50	06/22/2015 15:35	NH
Ethylbenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Freon-113	BRL	500		ug/L	209144	50	06/22/2015 15:35	NH
Isopropylbenzene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
m,p-Xylene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Methyl acetate	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Methyl tert-butyl ether	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Methylcyclohexane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Methylene chloride	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-4
Project Name:	Southern States	**Collection Date:**	6/18/2015 7:45:00 AM
Lab ID:	1506L08-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Styrene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Tetrachloroethene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Toluene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
trans-1,2-Dichloroethene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
trans-1,3-Dichloropropene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Trichloroethene	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Trichlorofluoromethane	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Vinyl chloride	BRL	100		ug/L	209144	50	06/22/2015 15:35	NH
1,2-Dichloroethene, Total	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Xylenes, Total	BRL	250		ug/L	209144	50	06/22/2015 15:35	NH
Surr: 4-Bromofluorobenzene	90.1	70.6-123		%REC	209144	50	06/22/2015 15:35	NH
Surr: Dibromofluoromethane	97.7	78.7-124		%REC	209144	50	06/22/2015 15:35	NH
Surr: Toluene-d8	98.2	81.3-120		%REC	209144	50	06/22/2015 15:35	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-6
Project Name:	Southern States	**Collection Date:**	6/18/2015 8:05:00 AM
Lab ID:	1506L08-017	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	3400	500		ug/L	209144	100	06/22/2015 13:10	NH
1,1,2,2-Tetrachloroethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,1,2-Trichloroethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,1-Dichloroethane	2100	500		ug/L	209144	100	06/22/2015 13:10	NH
1,1-Dichloroethene	1200	500		ug/L	209144	100	06/22/2015 13:10	NH
1,2,4-Trichlorobenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,2-Dibromo-3-chloropropane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,2-Dibromoethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,2-Dichlorobenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,2-Dichloroethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,2-Dichloropropane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,3-Dichlorobenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,4-Dichlorobenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
1,4-Dioxane	BRL	15000		ug/L	209144	100	06/22/2015 13:10	NH
2-Butanone	BRL	5000		ug/L	209144	100	06/22/2015 13:10	NH
2-Hexanone	BRL	1000		ug/L	209144	100	06/22/2015 13:10	NH
4-Methyl-2-pentanone	BRL	1000		ug/L	209144	100	06/22/2015 13:10	NH
Acetone	BRL	5000		ug/L	209144	100	06/22/2015 13:10	NH
Benzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Bromodichloromethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Bromoform	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Bromomethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Carbon disulfide	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Carbon tetrachloride	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Chlorobenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Chloroethane	BRL	1000		ug/L	209144	100	06/22/2015 13:10	NH
Chloroform	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Chloromethane	BRL	1000		ug/L	209144	100	06/22/2015 13:10	NH
cis-1,2-Dichloroethene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
cis-1,3-Dichloropropene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Cyclohexane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Dibromochloromethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Dichlorodifluoromethane	BRL	1000		ug/L	209144	100	06/22/2015 13:10	NH
Ethylbenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Freon-113	BRL	1000		ug/L	209144	100	06/22/2015 13:10	NH
Isopropylbenzene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
m,p-Xylene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Methyl acetate	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Methyl tert-butyl ether	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Methylcyclohexane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Methylene chloride	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-6
Project Name:	Southern States	**Collection Date:**	6/18/2015 8:05:00 AM
Lab ID:	1506L08-017	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Styrene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Tetrachloroethene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Toluene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
trans-1,2-Dichloroethene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
trans-1,3-Dichloropropene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Trichloroethene	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Trichlorofluoromethane	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Vinyl chloride	BRL	200		ug/L	209144	100	06/22/2015 13:10	NH
1,2-Dichloroethene, Total	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Xylenes, Total	BRL	500		ug/L	209144	100	06/22/2015 13:10	NH
Surr: 4-Bromofluorobenzene	89.7	70.6-123		%REC	209144	100	06/22/2015 13:10	NH
Surr: Dibromofluoromethane	95.9	78.7-124		%REC	209144	100	06/22/2015 13:10	NH
Surr: Toluene-d8	96.5	81.3-120		%REC	209144	100	06/22/2015 13:10	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TRIP BLANK
Project Name:	Southern States	**Collection Date:**	6/19/2015
Lab ID:	1506L08-018	**Matrix:**	Aqueous

Volatile Organic Compounds by GC/MS SW8260B (SW5030B)

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
1,1,1-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,1-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,1-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2-Dibromoethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2-Dichloroethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2-Dichloropropane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
1,4-Dioxane	BRL	150		ug/L	209144	1	06/22/2015 11:57	NH
2-Butanone	BRL	50		ug/L	209144	1	06/22/2015 11:57	NH
2-Hexanone	BRL	10		ug/L	209144	1	06/22/2015 11:57	NH
4-Methyl-2-pentanone	BRL	10		ug/L	209144	1	06/22/2015 11:57	NH
Acetone	BRL	50		ug/L	209144	1	06/22/2015 11:57	NH
Benzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Bromodichloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Bromoform	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Bromomethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Carbon disulfide	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Carbon tetrachloride	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Chlorobenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Chloroethane	BRL	10		ug/L	209144	1	06/22/2015 11:57	NH
Chloroform	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Chloromethane	BRL	10		ug/L	209144	1	06/22/2015 11:57	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Cyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Dibromochloromethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Dichlorodifluoromethane	BRL	10		ug/L	209144	1	06/22/2015 11:57	NH
Ethylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Freon-113	BRL	10		ug/L	209144	1	06/22/2015 11:57	NH
Isopropylbenzene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
m,p-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Methyl acetate	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Methylcyclohexane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Methylene chloride	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jun-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TRIP BLANK
Project Name:	Southern States	**Collection Date:**	6/19/2015
Lab ID:	1506L08-018	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
o-Xylene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Styrene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Tetrachloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Toluene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Trichloroethene	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Trichlorofluoromethane	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Vinyl chloride	BRL	2.0		ug/L	209144	1	06/22/2015 11:57	NH
1,2-Dichloroethene, Total	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Xylenes, Total	BRL	5.0		ug/L	209144	1	06/22/2015 11:57	NH
Surr: 4-Bromofluorobenzene	91.2	70.6-123		%REC	209144	1	06/22/2015 11:57	NH
Surr: Dibromofluoromethane	94	78.7-124		%REC	209144	1	06/22/2015 11:57	NH
Surr: Toluene-d8	98.2	81.3-120		%REC	209144	1	06/22/2015 11:57	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMHA/SS Work Order Number 1506L08

Checklist completed by Tanya Delisso 6/19/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 4-D Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1506L08

ANALYTICAL QC SUMMARY REPORT

BatchID: 209144

Sample ID: **MB-209144** Client ID: Units: **ug/L** Prep Date: **06/22/2015** Run No: **294445**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **209144** Analysis Date: **06/22/2015** Seq No: **6274684**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
1,4-Dioxane	BRL	150									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1506L08

ANALYTICAL QC SUMMARY REPORT

BatchID: 209144

Sample ID: **MB-209144** Client ID: Units: **ug/L** Prep Date: **06/22/2015** Run No: **294445**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **209144** Analysis Date: **06/22/2015** Seq No: **6274684**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	45.92	0	50.00		91.8	70.6	123				
Surr: Dibromofluoromethane	46.56	0	50.00		93.1	78.7	124				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1506L08

ANALYTICAL QC SUMMARY REPORT

BatchID: 209144

Sample ID: **MB-209144** Client ID: Units: **ug/L** Prep Date: **06/22/2015** Run No: **294445**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **209144** Analysis Date: **06/22/2015** Seq No: **6274684**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	47.24	0	50.00		94.5	81.3	120				

Sample ID: **LCS-209144** Client ID: Units: **ug/L** Prep Date: **06/22/2015** Run No: **294445**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **209144** Analysis Date: **06/22/2015** Seq No: **6274683**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.81	5.0	50.00		112	64.2	137				
Benzene	52.20	5.0	50.00		104	72.8	128				
Chlorobenzene	52.18	5.0	50.00		104	72.3	126				
Toluene	52.69	5.0	50.00		105	74.9	127				
Trichloroethene	52.40	5.0	50.00		105	70.5	134				
Surr: 4-Bromofluorobenzene	43.36	0	50.00		86.7	70.6	123				
Surr: Dibromofluoromethane	45.39	0	50.00		90.8	78.7	124				
Surr: Toluene-d8	47.03	0	50.00		94.1	81.3	120				

Sample ID: **1506L08-008AMS** Client ID: **MW-39** Units: **ug/L** Prep Date: **06/22/2015** Run No: **294445**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **209144** Analysis Date: **06/22/2015** Seq No: **6274692**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	266300	25000	250000		106	60.5	156				
Benzene	234500	25000	250000		93.8	70	135				
Chlorobenzene	238400	25000	250000		95.3	70.5	132				
Toluene	235700	25000	250000		94.3	70.5	137				
Trichloroethene	459400	25000	250000	205100	102	71.8	139				
Surr: 4-Bromofluorobenzene	230000	0	250000		92.0	70.6	123				
Surr: Dibromofluoromethane	235500	0	250000		94.2	78.7	124				
Surr: Toluene-d8	237300	0	250000		94.9	81.3	120				

Qualifiers:
> Greater than Result value
< Less than Result value
B Analyte detected in the associated method blank
BRL Below reporting limit
E Estimated (value above quantitation range)
H Holding times for preparation or analysis exceeded
J Estimated value detected below Reporting Limit
N Analyte not NELAC certified
R RPD outside limits due to matrix
Rpt Lim Reporting Limit
S Spike Recovery outside limits due to matrix

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1506L08

ANALYTICAL QC SUMMARY REPORT

BatchID: **209144**

Sample ID: **1506L08-008AMSD** Client ID: **MW-39** Units: **ug/L** Prep Date: **06/22/2015** Run No: **294445**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **209144** Analysis Date: **06/22/2015** Seq No: **6274699**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	257100	25000	250000		103	60.5	156	266300	3.52	20	
Benzene	226100	25000	250000		90.4	70	135	234500	3.65	20	
Chlorobenzene	224100	25000	250000		89.6	70.5	132	238400	6.16	20	
Toluene	231800	25000	250000		92.7	70.5	137	235700	1.67	20	
Trichloroethene	453400	25000	250000	205100	99.3	71.8	139	459400	1.33	20	
Surr: 4-Bromofluorobenzene	224600	0	250000		89.8	70.6	123	230000	0	0	
Surr: Dibromofluoromethane	233900	0	250000		93.5	78.7	124	235500	0	0	
Surr: Toluene-d8	244300	0	250000		97.7	81.3	120	237300	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

September 16, 2015

John Schwaller
Environmental Management Associates, LLC
5262 Belle Wood Ct.
Buford GA 30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Southern States

Dear John Schwaller: Order No: 1509393

Analytical Environmental Services, Inc. received 8 samples on 9/4/2015 9:45:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1509393

Date: _____ Page _____ of _____

COMPANY: EMA / JS

ADDRESS:

PHONE:

FAX:

SAMPLED BY: J. SCHWALLER

SIGNATURE:

ANALYSIS REQUESTED: TCL VOCs

PRESERVATION (See codes): H

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION	REMARKS	No # of Containers
1	MW-18	9/3	1230	X		GW	X		
2	MW-32		1240	X					
3	MW-39		1320	X					
4	MW-40		1350	X					
5	MW-41		1425	X				INCLUDE	
6	TP-1		1455	X					
7	TP-2		1530	X				1,4 DIOXANE	
8	TRIP BLANK								
9									
10									
11									
12									
13									
14									

HOT

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	9/4/15 0945	1: [illegible]	9/4/15 945
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: SOUTHERN STATES
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: SCHWALLER
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N, Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Environmental Management Associates, LLC
Project: Southern States
Lab ID: 1509393

Case Narrative

Volatiles Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 1509393-003A, -004A, & -005A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-18
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 12:30:00 PM
Lab ID:	1509393-001A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,1-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,1-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2-Dibromoethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2-Dichloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
1,4-Dioxane	BRL	150		ug/L	212808	1	09/11/2015 15:00	NH
2-Butanone	BRL	50		ug/L	212808	1	09/11/2015 15:00	NH
2-Hexanone	BRL	10		ug/L	212808	1	09/11/2015 15:00	NH
4-Methyl-2-pentanone	BRL	10		ug/L	212808	1	09/11/2015 15:00	NH
Acetone	BRL	50		ug/L	212808	1	09/11/2015 15:00	NH
Benzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Bromodichloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Bromoform	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Bromomethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Carbon disulfide	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Carbon tetrachloride	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Chlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Chloroethane	BRL	10		ug/L	212808	1	09/11/2015 15:00	NH
Chloroform	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Chloromethane	BRL	10		ug/L	212808	1	09/11/2015 15:00	NH
cis-1,2-Dichloroethene	77	5.0		ug/L	212808	1	09/11/2015 15:00	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Cyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Dibromochloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Dichlorodifluoromethane	BRL	10		ug/L	212808	1	09/11/2015 15:00	NH
Ethylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Freon-113	BRL	10		ug/L	212808	1	09/11/2015 15:00	NH
Isopropylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
m,p-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Methyl acetate	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Methylcyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-18
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 12:30:00 PM
Lab ID:	1509393-001A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
o-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Styrene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Tetrachloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Toluene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Trichloroethene	14	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Trichlorofluoromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Vinyl chloride	14	2.0		ug/L	212808	1	09/11/2015 15:00	NH
1,2-Dichloroethene, Total	77	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Xylenes, Total	BRL	5.0		ug/L	212808	1	09/11/2015 15:00	NH
Surr: 4-Bromofluorobenzene	82.2	70.6-123		%REC	212808	1	09/11/2015 15:00	NH
Surr: Dibromofluoromethane	98.4	78.7-124		%REC	212808	1	09/11/2015 15:00	NH
Surr: Toluene-d8	96.2	81.3-120		%REC	212808	1	09/11/2015 15:00	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-32
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 12:40:00 PM
Lab ID:	1509393-002A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,1-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,1-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2-Dibromoethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2-Dichloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
1,4-Dioxane	BRL	150		ug/L	212808	1	09/11/2015 15:26	NH
2-Butanone	BRL	50		ug/L	212808	1	09/11/2015 15:26	NH
2-Hexanone	BRL	10		ug/L	212808	1	09/11/2015 15:26	NH
4-Methyl-2-pentanone	BRL	10		ug/L	212808	1	09/11/2015 15:26	NH
Acetone	BRL	50		ug/L	212808	1	09/11/2015 15:26	NH
Benzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Bromodichloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Bromoform	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Bromomethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Carbon disulfide	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Carbon tetrachloride	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Chlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Chloroethane	BRL	10		ug/L	212808	1	09/11/2015 15:26	NH
Chloroform	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Chloromethane	BRL	10		ug/L	212808	1	09/11/2015 15:26	NH
cis-1,2-Dichloroethene	7.9	5.0		ug/L	212808	1	09/11/2015 15:26	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Cyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Dibromochloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Dichlorodifluoromethane	BRL	10		ug/L	212808	1	09/11/2015 15:26	NH
Ethylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Freon-113	BRL	10		ug/L	212808	1	09/11/2015 15:26	NH
Isopropylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
m,p-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Methyl acetate	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Methylcyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-32
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 12:40:00 PM
Lab ID:	1509393-002A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
o-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Styrene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Tetrachloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Toluene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Trichloroethene	120	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Trichlorofluoromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Vinyl chloride	BRL	2.0		ug/L	212808	1	09/11/2015 15:26	NH
1,2-Dichloroethene, Total	7.9	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Xylenes, Total	BRL	5.0		ug/L	212808	1	09/11/2015 15:26	NH
Surr: 4-Bromofluorobenzene	82.5	70.6-123		%REC	212808	1	09/11/2015 15:26	NH
Surr: Dibromofluoromethane	98.8	78.7-124		%REC	212808	1	09/11/2015 15:26	NH
Surr: Toluene-d8	101	81.3-120		%REC	212808	1	09/11/2015 15:26	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-39
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 1:20:00 PM
Lab ID:	1509393-003A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,1,2,2-Tetrachloroethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,1,2-Trichloroethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,1-Dichloroethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,1-Dichloroethene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2,4-Trichlorobenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2-Dibromo-3-chloropropane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2-Dibromoethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2-Dichlorobenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2-Dichloroethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2-Dichloropropane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,3-Dichlorobenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,4-Dichlorobenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
1,4-Dioxane	BRL	750000		ug/L	212808	5000	09/11/2015 13:12	NH
2-Butanone	BRL	250000		ug/L	212808	5000	09/11/2015 13:12	NH
2-Hexanone	BRL	50000		ug/L	212808	5000	09/11/2015 13:12	NH
4-Methyl-2-pentanone	BRL	50000		ug/L	212808	5000	09/11/2015 13:12	NH
Acetone	BRL	250000		ug/L	212808	5000	09/11/2015 13:12	NH
Benzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Bromodichloromethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Bromoform	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Bromomethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Carbon disulfide	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Carbon tetrachloride	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Chlorobenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Chloroethane	BRL	50000		ug/L	212808	5000	09/11/2015 13:12	NH
Chloroform	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Chloromethane	BRL	50000		ug/L	212808	5000	09/11/2015 13:12	NH
cis-1,2-Dichloroethene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
cis-1,3-Dichloropropene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Cyclohexane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Dibromochloromethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Dichlorodifluoromethane	BRL	50000		ug/L	212808	5000	09/11/2015 13:12	NH
Ethylbenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Freon-113	BRL	50000		ug/L	212808	5000	09/11/2015 13:12	NH
Isopropylbenzene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
m,p-Xylene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Methyl acetate	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Methyl tert-butyl ether	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Methylcyclohexane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-39
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 1:20:00 PM
Lab ID:	1509393-003A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
o-Xylene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Styrene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Tetrachloroethene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Toluene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
trans-1,2-Dichloroethene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
trans-1,3-Dichloropropene	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Trichloroethene	100000	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Trichlorofluoromethane	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Vinyl chloride	BRL	10000		ug/L	212808	5000	09/11/2015 13:12	NH
1,2-Dichloroethene, Total	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Xylenes, Total	BRL	25000		ug/L	212808	5000	09/11/2015 13:12	NH
Surr: 4-Bromofluorobenzene	83.4	70.6-123		%REC	212808	5000	09/11/2015 13:12	NH
Surr: Dibromofluoromethane	96.6	78.7-124		%REC	212808	5000	09/11/2015 13:12	NH
Surr: Toluene-d8	98.8	81.3-120		%REC	212808	5000	09/11/2015 13:12	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-40
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 1:50:00 PM
Lab ID:	1509393-004A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,1,2-Trichloroethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,1-Dichloroethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,1-Dichloroethene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,2,4-Trichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,2-Dibromoethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,2-Dichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,2-Dichloroethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,2-Dichloropropane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,3-Dichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,4-Dichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
1,4-Dioxane	BRL	7500		ug/L	212808	50	09/11/2015 13:39	NH
2-Butanone	BRL	2500		ug/L	212808	50	09/11/2015 13:39	NH
2-Hexanone	BRL	500		ug/L	212808	50	09/11/2015 13:39	NH
4-Methyl-2-pentanone	BRL	500		ug/L	212808	50	09/11/2015 13:39	NH
Acetone	BRL	2500		ug/L	212808	50	09/11/2015 13:39	NH
Benzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Bromodichloromethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Bromoform	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Bromomethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Carbon disulfide	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Carbon tetrachloride	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Chlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Chloroethane	BRL	500		ug/L	212808	50	09/11/2015 13:39	NH
Chloroform	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Chloromethane	BRL	500		ug/L	212808	50	09/11/2015 13:39	NH
cis-1,2-Dichloroethene	1600	250		ug/L	212808	50	09/11/2015 13:39	NH
cis-1,3-Dichloropropene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Cyclohexane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Dibromochloromethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Dichlorodifluoromethane	BRL	500		ug/L	212808	50	09/11/2015 13:39	NH
Ethylbenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Freon-113	BRL	500		ug/L	212808	50	09/11/2015 13:39	NH
Isopropylbenzene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
m,p-Xylene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Methyl acetate	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Methyl tert-butyl ether	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Methylcyclohexane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-40
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 1:50:00 PM
Lab ID:	1509393-004A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
o-Xylene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Styrene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Tetrachloroethene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Toluene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
trans-1,2-Dichloroethene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
trans-1,3-Dichloropropene	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Trichloroethene	3200	250		ug/L	212808	50	09/11/2015 13:39	NH
Trichlorofluoromethane	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Vinyl chloride	140	100		ug/L	212808	50	09/11/2015 13:39	NH
1,2-Dichloroethene, Total	1600	250		ug/L	212808	50	09/11/2015 13:39	NH
Xylenes, Total	BRL	250		ug/L	212808	50	09/11/2015 13:39	NH
Surr: 4-Bromofluorobenzene	81.5	70.6-123		%REC	212808	50	09/11/2015 13:39	NH
Surr: Dibromofluoromethane	101	78.7-124		%REC	212808	50	09/11/2015 13:39	NH
Surr: Toluene-d8	99.7	81.3-120		%REC	212808	50	09/11/2015 13:39	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-41
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 2:25:00 PM
Lab ID:	1509393-005A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,1,2-Trichloroethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,1-Dichloroethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,1-Dichloroethene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,2,4-Trichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,2-Dibromoethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,2-Dichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,2-Dichloroethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,2-Dichloropropane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,3-Dichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,4-Dichlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
1,4-Dioxane	BRL	7500		ug/L	212808	50	09/11/2015 14:06	NH
2-Butanone	BRL	2500		ug/L	212808	50	09/11/2015 14:06	NH
2-Hexanone	BRL	500		ug/L	212808	50	09/11/2015 14:06	NH
4-Methyl-2-pentanone	BRL	500		ug/L	212808	50	09/11/2015 14:06	NH
Acetone	BRL	2500		ug/L	212808	50	09/11/2015 14:06	NH
Benzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Bromodichloromethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Bromoform	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Bromomethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Carbon disulfide	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Carbon tetrachloride	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Chlorobenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Chloroethane	BRL	500		ug/L	212808	50	09/11/2015 14:06	NH
Chloroform	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Chloromethane	BRL	500		ug/L	212808	50	09/11/2015 14:06	NH
cis-1,2-Dichloroethene	690	250		ug/L	212808	50	09/11/2015 14:06	NH
cis-1,3-Dichloropropene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Cyclohexane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Dibromochloromethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Dichlorodifluoromethane	BRL	500		ug/L	212808	50	09/11/2015 14:06	NH
Ethylbenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Freon-113	BRL	500		ug/L	212808	50	09/11/2015 14:06	NH
Isopropylbenzene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
m,p-Xylene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Methyl acetate	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Methyl tert-butyl ether	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Methylcyclohexane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	MW-41
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 2:25:00 PM
Lab ID:	1509393-005A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
o-Xylene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Styrene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Tetrachloroethene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Toluene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
trans-1,2-Dichloroethene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
trans-1,3-Dichloropropene	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Trichloroethene	4400	250		ug/L	212808	50	09/11/2015 14:06	NH
Trichlorofluoromethane	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Vinyl chloride	BRL	100		ug/L	212808	50	09/11/2015 14:06	NH
1,2-Dichloroethene, Total	690	250		ug/L	212808	50	09/11/2015 14:06	NH
Xylenes, Total	BRL	250		ug/L	212808	50	09/11/2015 14:06	NH
Surr: 4-Bromofluorobenzene	83.4	70.6-123		%REC	212808	50	09/11/2015 14:06	NH
Surr: Dibromofluoromethane	102	78.7-124		%REC	212808	50	09/11/2015 14:06	NH
Surr: Toluene-d8	102	81.3-120		%REC	212808	50	09/11/2015 14:06	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-1
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 2:55:00 PM
Lab ID:	1509393-006A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,1,2-Trichloroethane	18	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,1-Dichloroethane	7.8	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,1-Dichloroethene	6.1	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2-Dibromoethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2-Dichloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
1,4-Dioxane	BRL	150		ug/L	212808	1	09/11/2015 16:21	NH
2-Butanone	BRL	50		ug/L	212808	1	09/11/2015 16:21	NH
2-Hexanone	BRL	10		ug/L	212808	1	09/11/2015 16:21	NH
4-Methyl-2-pentanone	BRL	10		ug/L	212808	1	09/11/2015 16:21	NH
Acetone	BRL	50		ug/L	212808	1	09/11/2015 16:21	NH
Benzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Bromodichloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Bromoform	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Bromomethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Carbon disulfide	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Carbon tetrachloride	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Chlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Chloroethane	BRL	10		ug/L	212808	1	09/11/2015 16:21	NH
Chloroform	24	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Chloromethane	BRL	10		ug/L	212808	1	09/11/2015 16:21	NH
cis-1,2-Dichloroethene	110	5.0		ug/L	212808	1	09/11/2015 16:21	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Cyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Dibromochloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Dichlorodifluoromethane	BRL	10		ug/L	212808	1	09/11/2015 16:21	NH
Ethylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Freon-113	BRL	10		ug/L	212808	1	09/11/2015 16:21	NH
Isopropylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
m,p-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Methyl acetate	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Methylcyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-1
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 2:55:00 PM
Lab ID:	1509393-006A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
o-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Styrene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Tetrachloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Toluene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Trichloroethene	2300	250		ug/L	212808	50	09/11/2015 14:33	NH
Trichlorofluoromethane	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Vinyl chloride	3.3	2.0		ug/L	212808	1	09/11/2015 16:21	NH
1,2-Dichloroethene, Total	110	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Xylenes, Total	BRL	5.0		ug/L	212808	1	09/11/2015 16:21	NH
Surr: 4-Bromofluorobenzene	81.3	70.6-123		%REC	212808	50	09/11/2015 14:33	NH
Surr: 4-Bromofluorobenzene	84.3	70.6-123		%REC	212808	1	09/11/2015 16:21	NH
Surr: Dibromofluoromethane	105	78.7-124		%REC	212808	50	09/11/2015 14:33	NH
Surr: Dibromofluoromethane	108	78.7-124		%REC	212808	1	09/11/2015 16:21	NH
Surr: Toluene-d8	101	81.3-120		%REC	212808	50	09/11/2015 14:33	NH
Surr: Toluene-d8	103	81.3-120		%REC	212808	1	09/11/2015 16:21	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-2
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 3:30:00 PM
Lab ID:	1509393-007A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,1-Dichloroethane	13	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,1-Dichloroethene	47	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2-Dibromoethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2-Dichloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
1,4-Dioxane	BRL	150		ug/L	212808	1	09/11/2015 15:54	NH
2-Butanone	BRL	50		ug/L	212808	1	09/11/2015 15:54	NH
2-Hexanone	BRL	10		ug/L	212808	1	09/11/2015 15:54	NH
4-Methyl-2-pentanone	BRL	10		ug/L	212808	1	09/11/2015 15:54	NH
Acetone	BRL	50		ug/L	212808	1	09/11/2015 15:54	NH
Benzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Bromodichloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Bromoform	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Bromomethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Carbon disulfide	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Carbon tetrachloride	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Chlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Chloroethane	BRL	10		ug/L	212808	1	09/11/2015 15:54	NH
Chloroform	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Chloromethane	BRL	10		ug/L	212808	1	09/11/2015 15:54	NH
cis-1,2-Dichloroethene	48	5.0		ug/L	212808	1	09/11/2015 15:54	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Cyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Dibromochloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Dichlorodifluoromethane	BRL	10		ug/L	212808	1	09/11/2015 15:54	NH
Ethylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Freon-113	BRL	10		ug/L	212808	1	09/11/2015 15:54	NH
Isopropylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
m,p-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Methyl acetate	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Methylcyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TP-2
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 3:30:00 PM
Lab ID:	1509393-007A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
o-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Styrene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Tetrachloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Toluene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Trichloroethene	500	50		ug/L	212808	10	09/11/2015 16:48	NH
Trichlorofluoromethane	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Vinyl chloride	9.8	2.0		ug/L	212808	1	09/11/2015 15:54	NH
1,2-Dichloroethene, Total	48	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Xylenes, Total	BRL	5.0		ug/L	212808	1	09/11/2015 15:54	NH
Surr: 4-Bromofluorobenzene	82.2	70.6-123		%REC	212808	1	09/11/2015 15:54	NH
Surr: 4-Bromofluorobenzene	82.2	70.6-123		%REC	212808	10	09/11/2015 16:48	NH
Surr: Dibromofluoromethane	95.4	78.7-124		%REC	212808	10	09/11/2015 16:48	NH
Surr: Dibromofluoromethane	106	78.7-124		%REC	212808	1	09/11/2015 15:54	NH
Surr: Toluene-d8	96.6	81.3-120		%REC	212808	10	09/11/2015 16:48	NH
Surr: Toluene-d8	104	81.3-120		%REC	212808	1	09/11/2015 15:54	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TRIP BLANK
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/4/2015
Lab ID:	1509393-008A	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,1,2-Trichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,1-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,1-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2-Dibromoethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2-Dichloroethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2-Dichloropropane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,3-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,4-Dichlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
1,4-Dioxane	BRL	150		ug/L	212808	1	09/11/2015 12:18	NH
2-Butanone	BRL	50		ug/L	212808	1	09/11/2015 12:18	NH
2-Hexanone	BRL	10		ug/L	212808	1	09/11/2015 12:18	NH
4-Methyl-2-pentanone	BRL	10		ug/L	212808	1	09/11/2015 12:18	NH
Acetone	BRL	50		ug/L	212808	1	09/11/2015 12:18	NH
Benzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Bromodichloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Bromoform	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Bromomethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Carbon disulfide	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Carbon tetrachloride	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Chlorobenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Chloroethane	BRL	10		ug/L	212808	1	09/11/2015 12:18	NH
Chloroform	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Chloromethane	BRL	10		ug/L	212808	1	09/11/2015 12:18	NH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Cyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Dibromochloromethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Dichlorodifluoromethane	BRL	10		ug/L	212808	1	09/11/2015 12:18	NH
Ethylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Freon-113	BRL	10		ug/L	212808	1	09/11/2015 12:18	NH
Isopropylbenzene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
m,p-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Methyl acetate	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Methyl tert-butyl ether	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Methylcyclohexane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 16-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	TRIP BLANK
Lab Order	1509393	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/4/2015
Lab ID:	1509393-008A	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
o-Xylene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Styrene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Tetrachloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Toluene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Trichloroethene	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Trichlorofluoromethane	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Vinyl chloride	BRL	2.0		ug/L	212808	1	09/11/2015 12:18	NH
1,2-Dichloroethene, Total	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Xylenes, Total	BRL	5.0		ug/L	212808	1	09/11/2015 12:18	NH
Surr: 4-Bromofluorobenzene	84	70.6-123		%REC	212808	1	09/11/2015 12:18	NH
Surr: Dibromofluoromethane	101	78.7-124		%REC	212808	1	09/11/2015 12:18	NH
Surr: Toluene-d8	99.6	81.3-120		%REC	212808	1	09/11/2015 12:18	NH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA/JS Work Order Number 1509393

Checklist completed by Mad 9/4/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 3.5 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509393

ANALYTICAL QC SUMMARY REPORT

BatchID: 212808

Sample ID: **MB-212808** Client ID: Units: **ug/L** Prep Date: **09/11/2015** Run No: **299768**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **212808** Analysis Date: **09/11/2015** Seq No: **6403291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
1,4-Dioxane	BRL	150									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509393

ANALYTICAL QC SUMMARY REPORT

BatchID: 212808

Sample ID: **MB-212808** Client ID: Units: **ug/L** Prep Date: **09/11/2015** Run No: **299768**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **212808** Analysis Date: **09/11/2015** Seq No: **6403291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	43.08	0	50.00		86.2	70.6	123				
Surr: Dibromofluoromethane	48.38	0	50.00		96.8	78.7	124				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509393

ANALYTICAL QC SUMMARY REPORT

BatchID: 212808

Sample ID: **MB-212808** Client ID: Units: **ug/L** Prep Date: **09/11/2015** Run No: **299768**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **212808** Analysis Date: **09/11/2015** Seq No: **6403291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	48.43	0	50.00		96.9	81.3	120				

Sample ID: **LCS-212808** Client ID: Units: **ug/L** Prep Date: **09/11/2015** Run No: **299768**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **212808** Analysis Date: **09/11/2015** Seq No: **6403294**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	46.56	5.0	50.00		93.1	64.2	137				
Benzene	47.52	5.0	50.00		95.0	72.8	128				
Chlorobenzene	47.32	5.0	50.00		94.6	72.3	126				
Toluene	47.41	5.0	50.00		94.8	74.9	127				
Trichloroethene	43.95	5.0	50.00		87.9	70.5	134				
Surr: 4-Bromofluorobenzene	43.03	0	50.00		86.1	70.6	123				
Surr: Dibromofluoromethane	48.87	0	50.00		97.7	78.7	124				
Surr: Toluene-d8	49.14	0	50.00		98.3	81.3	120				

Sample ID: **1509533-011AMS** Client ID: Units: **ug/L** Prep Date: **09/11/2015** Run No: **299892**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **212808** Analysis Date: **09/14/2015** Seq No: **6408126**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	24090	2500	25000		96.3	60.5	156				
Benzene	24230	2500	25000		96.9	70	135				
Chlorobenzene	24800	2500	25000		99.2	70.5	132				
Toluene	24650	2500	25000		98.6	70.5	137				
Trichloroethene	25840	2500	25000	2170	94.7	71.8	139				
Surr: 4-Bromofluorobenzene	24540	0	25000		98.2	70.6	123				
Surr: Dibromofluoromethane	24590	0	25000		98.4	78.7	124				
Surr: Toluene-d8	25550	0	25000		102	81.3	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509393

ANALYTICAL QC SUMMARY REPORT

BatchID: 212808

Sample ID: **1509533-011AMSD** Client ID: Units: **ug/L** Prep Date: **09/11/2015** Run No: **299892**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **212808** Analysis Date: **09/14/2015** Seq No: **6408128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	25130	2500	25000		100	60.5	156	24090	4.23	20	
Benzene	25010	2500	25000		100	70	135	24230	3.19	20	
Chlorobenzene	25600	2500	25000		102	70.5	132	24800	3.18	20	
Toluene	25220	2500	25000		101	70.5	137	24650	2.31	20	
Trichloroethene	26570	2500	25000	2170	97.6	71.8	139	25840	2.79	20	
Surr: 4-Bromofluorobenzene	24240	0	25000		96.9	70.6	123	24540	0	0	
Surr: Dibromofluoromethane	24850	0	25000		99.4	78.7	124	24590	0	0	
Surr: Toluene-d8	25590	0	25000		102	81.3	120	25550	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 15, 2015

John Schwaller
Environmental Management Associates, LLC
5262 Belle Wood Ct.
Buford GA 30518

TEL: (770) 271-4628
FAX: (770) 271-8944

RE: Southern States

Dear John Schwaller: Order No: 1509392

Analytical Environmental Services, Inc. received 7 samples on 9/4/2015 9:45:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Mirzeta Kararic

Mirzeta Kararic
Project Manager

_ SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1509382

..., Atlanta GA 30340-3704

... TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Date: _____ Page _____ of _____

COMPANY: EMO / JS

ADDRESS:

PHONE:

FAX:

SAMPLED BY: J. SCHWALLER

SIGNATURE:

ANALYSIS REQUESTED: PCB

PRESERVATION (See codes): I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION	REMARKS	No # of Containers
1	L-1	9/3/15	1600	X		SOIL	X		
2	L-2		1610						
3	L-3		1620						
4	2-1		1700						
5	2-2		1710						
6	2-3		1720						
7	RB-1		1640						
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	9/4/15 0945	1: [signature]	9/4/15 945
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: SOUTHERN STATES

PROJECT #:

SITE ADDRESS:

SEND REPORT TO: SCHWALLER

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers

Turnaround Time Request

- ☒ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	1-1
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 4:00:00 PM
Lab ID:	1509392-001A	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	38		ug/Kg-dry	212611	1	09/11/2015 20:00	SH
Aroclor 1221	BRL	38		ug/Kg-dry	212611	1	09/11/2015 20:00	SH
Aroclor 1232	690	190		ug/Kg-dry	212611	5	09/15/2015 11:28	SH
Aroclor 1242	BRL	38		ug/Kg-dry	212611	1	09/11/2015 20:00	SH
Aroclor 1248	BRL	38		ug/Kg-dry	212611	1	09/11/2015 20:00	SH
Aroclor 1254	75	38		ug/Kg-dry	212611	1	09/11/2015 20:00	SH
Aroclor 1260	BRL	38		ug/Kg-dry	212611	1	09/11/2015 20:00	SH
Surr: Decachlorobiphenyl	88.3	36.1-138		%REC	212611	1	09/11/2015 20:00	SH
Surr: Tetrachloro-m-xylene	85.6	28.3-116		%REC	212611	1	09/11/2015 20:00	SH
PERCENT MOISTURE D2216								
Percent Moisture	12.0	0		wt%	R299821	1	09/11/2015 12:00	PF

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	1-2
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 4:10:00 PM
Lab ID:	1509392-002A	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	40		ug/Kg-dry	212611	1	09/11/2015 20:30	SH
Aroclor 1221	BRL	40		ug/Kg-dry	212611	1	09/11/2015 20:30	SH
Aroclor 1232	710	200		ug/Kg-dry	212611	5	09/15/2015 11:58	SH
Aroclor 1242	BRL	40		ug/Kg-dry	212611	1	09/11/2015 20:30	SH
Aroclor 1248	BRL	40		ug/Kg-dry	212611	1	09/11/2015 20:30	SH
Aroclor 1254	58	40		ug/Kg-dry	212611	1	09/11/2015 20:30	SH
Aroclor 1260	BRL	40		ug/Kg-dry	212611	1	09/11/2015 20:30	SH
Surr: Decachlorobiphenyl	92.5	36.1-138		%REC	212611	1	09/11/2015 20:30	SH
Surr: Tetrachloro-m-xylene	98.9	28.3-116		%REC	212611	1	09/11/2015 20:30	SH
PERCENT MOISTURE D2216								
Percent Moisture	17.5	0		wt%	R299821	1	09/11/2015 12:00	PF

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	1-3
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 4:20:00 PM
Lab ID:	1509392-003A	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Aroclor 1221	BRL	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Aroclor 1232	670	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Aroclor 1242	BRL	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Aroclor 1248	BRL	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Aroclor 1254	61	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Aroclor 1260	BRL	39		ug/Kg-dry	212611	1	09/11/2015 21:00	SH
Surr: Decachlorobiphenyl	77.4	36.1-138		%REC	212611	1	09/11/2015 21:00	SH
Surr: Tetrachloro-m-xylene	65.3	28.3-116		%REC	212611	1	09/11/2015 21:00	SH
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R299821	1	09/11/2015 12:00	PF

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	2-1
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 5:00:00 PM
Lab ID:	1509392-004A	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Aroclor 1221	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Aroclor 1232	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Aroclor 1242	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Aroclor 1248	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Aroclor 1254	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Aroclor 1260	BRL	38		ug/Kg-dry	212611	1	09/10/2015 20:59	SH
Surr: Decachlorobiphenyl	99.7	36.1-138		%REC	212611	1	09/10/2015 20:59	SH
Surr: Tetrachloro-m-xylene	83.3	28.3-116		%REC	212611	1	09/10/2015 20:59	SH
PERCENT MOISTURE D2216								
Percent Moisture	11.3	0		wt%	R299821	1	09/11/2015 12:00	PF

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	2-2
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 5:10:00 PM
Lab ID:	1509392-005A	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Aroclor 1221	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Aroclor 1232	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Aroclor 1242	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Aroclor 1248	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Aroclor 1254	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Aroclor 1260	BRL	41		ug/Kg-dry	212611	1	09/10/2015 21:10	SH
Surr: Decachlorobiphenyl	98.7	36.1-138		%REC	212611	1	09/10/2015 21:10	SH
Surr: Tetrachloro-m-xylene	101	28.3-116		%REC	212611	1	09/10/2015 21:10	SH
PERCENT MOISTURE D2216								
Percent Moisture	18.9	0		wt%	R299821	1	09/11/2015 12:00	PF

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	2-3
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 5:20:00 PM
Lab ID:	1509392-006A	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Aroclor 1221	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Aroclor 1232	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Aroclor 1242	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Aroclor 1248	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Aroclor 1254	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Aroclor 1260	BRL	37		ug/Kg-dry	212611	1	09/10/2015 21:22	SH
Surr: Decachlorobiphenyl	97.6	36.1-138		%REC	212611	1	09/10/2015 21:22	SH
Surr: Tetrachloro-m-xylene	84.9	28.3-116		%REC	212611	1	09/10/2015 21:22	SH
PERCENT MOISTURE D2216								
Percent Moisture	9.47	0		wt%	R299821	1	09/11/2015 12:00	PF

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 15-Sep-15

Client:	Environmental Management Associates, LLC	**Client Sample ID:**	RB-1
Lab Order	1509392	**Tag Number:**	
Project Name:	Southern States	**Collection Date:**	9/3/2015 4:40:00 PM
Lab ID:	1509392-007A	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3510C)**				
Aroclor 1016	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Aroclor 1221	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Aroclor 1232	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Aroclor 1242	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Aroclor 1248	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Aroclor 1254	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Aroclor 1260	BRL	0.50		ug/L	212547	1	09/10/2015 23:53	SH
Surr: Decachlorobiphenyl	51.6	20.4-130		%REC	212547	1	09/10/2015 23:53	SH
Surr: Tetrachloro-m-xylene	92.9	23-116		%REC	212547	1	09/10/2015 23:53	SH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EMA Work Order Number 1509392

Checklist completed by [signature] 9/4/15
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 3.5° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by [signature]

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509392

ANALYTICAL QC SUMMARY REPORT

BatchID: 212547

Sample ID: **MB-212547** Client ID: Units: **ug/L** Prep Date: **09/08/2015** Run No: **299835**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212547** Analysis Date: **09/10/2015** Seq No: **6405066**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	0.50									
Aroclor 1221	BRL	0.50									
Aroclor 1232	BRL	0.50									
Aroclor 1242	BRL	0.50									
Aroclor 1248	BRL	0.50									
Aroclor 1254	BRL	0.50									
Aroclor 1260	BRL	0.50									
Surr: Decachlorobiphenyl	0.1939	0	0.5000		38.8	20.4	130				
Surr: Tetrachloro-m-xylene	0.3961	0	0.5000		79.2	23	116				

Sample ID: **LCS-212547** Client ID: Units: **ug/L** Prep Date: **09/08/2015** Run No: **299835**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212547** Analysis Date: **09/10/2015** Seq No: **6405068**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	4.686	0.50	5.000		93.7	58.7	120				
Aroclor 1260	4.638	0.50	5.000		92.8	59.3	124				
Surr: Decachlorobiphenyl	0.2810	0	0.5000		56.2	20.4	130				
Surr: Tetrachloro-m-xylene	0.4334	0	0.5000		86.7	23	116				

Sample ID: **1509254-002FMS** Client ID: Units: **ug/L** Prep Date: **09/09/2015** Run No: **299835**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212547** Analysis Date: **09/10/2015** Seq No: **6405073**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	5.071	0.50	5.000		101	40.3	128				
Aroclor 1260	4.059	0.50	5.000		81.2	40.8	130				
Surr: Decachlorobiphenyl	0.1570	0	0.5000		31.4	20.4	130				
Surr: Tetrachloro-m-xylene	0.4671	0	0.5000		93.4	23	116				

Qualifiers:
> Greater than Result value
< Less than Result value
B Analyte detected in the associated method blank
BRL Below reporting limit
E Estimated (value above quantitation range)
H Holding times for preparation or analysis exceeded
J Estimated value detected below Reporting Limit
N Analyte not NELAC certified
R RPD outside limits due to matrix
Rpt Lim Reporting Limit
S Spike Recovery outside limits due to matrix

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509392

ANALYTICAL QC SUMMARY REPORT

BatchID: **212547**

Sample ID: **1509254-002FMSD** Client ID: Units: **ug/L** Prep Date: **09/09/2015** Run No: **299835**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212547** Analysis Date: **09/10/2015** Seq No: **6405076**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	4.833	0.50	5.000		96.7	40.3	128	5.071	4.79	28.7	
Aroclor 1260	4.366	0.50	5.000		87.3	40.8	130	4.059	7.28	22	
Surr: Decachlorobiphenyl	0.2334	0	0.5000		46.7	20.4	130	0.1570	0	0	
Surr: Tetrachloro-m-xylene	0.4681	0	0.5000		93.6	23	116	0.4671	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509392

ANALYTICAL QC SUMMARY REPORT

BatchID: 212611

Sample ID: **MB-212611** Client ID: Units: **ug/Kg** Prep Date: **09/10/2015** Run No: **299710**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/10/2015** Seq No: **6401563**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	33									
Aroclor 1221	BRL	33									
Aroclor 1232	BRL	33									
Aroclor 1242	BRL	33									
Aroclor 1248	BRL	33									
Aroclor 1254	BRL	33									
Aroclor 1260	BRL	33									
Surr: Decachlorobiphenyl	15.18	0	16.67		91.0	36.1	138				
Surr: Tetrachloro-m-xylene	14.96	0	16.67		89.7	28.3	116				

Sample ID: **MB-212611** Client ID: Units: **ug/Kg** Prep Date: **09/10/2015** Run No: **299847**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/11/2015** Seq No: **6405320**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	33									
Aroclor 1221	BRL	33									
Aroclor 1232	BRL	33									
Aroclor 1242	BRL	33									
Aroclor 1248	BRL	33									
Aroclor 1254	BRL	33									
Aroclor 1260	BRL	33									
Surr: Decachlorobiphenyl	15.58	0	16.67		93.4	36.1	138				
Surr: Tetrachloro-m-xylene	15.40	0	16.67		92.4	28.3	116				

Sample ID: **LCS-212611** Client ID: Units: **ug/Kg** Prep Date: **09/10/2015** Run No: **299710**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/10/2015** Seq No: **6401564**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509392

ANALYTICAL QC SUMMARY REPORT

BatchID: 212611

Sample ID: **LCS-212611** Client ID: Units: **ug/Kg** Prep Date: **09/10/2015** Run No: **299710**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/10/2015** Seq No: **6401564**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	163.5	33	166.7		98.1	57.7	118				
Aroclor 1260	179.8	33	166.7		108	59	118				
Surr: Decachlorobiphenyl	15.49	0	16.67		92.9	36.1	138				
Surr: Tetrachloro-m-xylene	16.32	0	16.67		97.9	28.3	116				

Sample ID: **LCS-212611** Client ID: Units: **ug/Kg** Prep Date: **09/10/2015** Run No: **299847**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/11/2015** Seq No: **6405328**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	164.5	33	166.7		98.7	57.7	118				
Aroclor 1260	168.8	33	166.7		101	59	118				
Surr: Decachlorobiphenyl	17.19	0	16.67		103	36.1	138				
Surr: Tetrachloro-m-xylene	15.45	0	16.67		92.7	28.3	116				

Sample ID: **1509353-035AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **09/10/2015** Run No: **299730**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/10/2015** Seq No: **6405144**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	183.4	36	177.6		103	45.1	132				
Aroclor 1260	192.0	36	177.6		108	42	131				
Surr: Decachlorobiphenyl	18.23	0	17.76		103	36.1	138				
Surr: Tetrachloro-m-xylene	16.01	0	17.76		90.2	28.3	116				

Sample ID: **1509353-035AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **09/10/2015** Run No: **299730**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/10/2015** Seq No: **6405146**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	167.4	36	177.6		94.2	45.1	132	183.4	9.13	37	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Date: 15-Sep-15

Client: Environmental Management Associates, LLC
Project Name: Southern States
Workorder: 1509392

ANALYTICAL QC SUMMARY REPORT

BatchID: **212611**

Sample ID: **1509353-035AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **09/10/2015** Run No: **299730**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **212611** Analysis Date: **09/10/2015** Seq No: **6405146**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1260	186.5	36	177.6		105	42	131	192.0	2.90	39	
Surr: Decachlorobiphenyl	17.69	0	17.76		99.6	36.1	138	18.23	0	0	
Surr: Tetrachloro-m-xylene	14.02	0	17.76		78.9	28.3	116	16.01	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX C
UPDATED MILESTONE SCHEDULE

MILESTONE SCHEDULE
SOUTHERN STATES, LLC
30 GEORGIA AVENUE
HAMPTON, GEORGIA

First Year - 2015

	April 2015				May 2015				June 2015				July 2015				August 2015				September 2015				October 2015				November 2015				December 2015				January 2016				February 2016				March 2016			
Corrective Action Activity	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*
VRPAP Approval		√																																															
Ecological Risk Assessment																																																	
ISCO injection																																																	
Groundwater Sampling																																																	
Limited Soil Removal (SED-4 location)																																																	
File GW Restriction Covenant																																																	
Semiannual Progress Report																																																	

Second Year - 2016 / Third Year - 2017

	April 2016				May 2016				June 2016				July 2016				August 2016				September 2016				October 2016				November 2016				December 2016				January 2017				February 2017				March 2017			
Corrective Action Activity	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*	*1*	*2*	*3*	*4*
Ecological Risk Assessment																																																	
Isolation of Little Bear Creek																																																	
Semi-Annual Groundwater Sampling																																																	
Landfill Cap																																																	
Groundwater Modeling /Cleanup goals																																																	
Semiannual Progress Reports		√																								√																							

APPENDIX D

SUMMARY OF PROFESSIONAL GEOLOGIST EFFORT

PG OVERSIGHT SUMMARY
SOUTHERN STATES, LLC
HAMPTON, GEORGIA

	Units	Unit Cost	
PG Summary Time	Hours	$125	Sub-total
4/1/15 – 4/30/15	15	$125	$1,875
5/1/15 - 5/31/15	8	$125	$1,000
6/1/15 - 6/30/15	40	$125	$5,000
7/1/15 - 7/31/15	20	$125	$2,500
8/1/15 - 8/30/15	5	$125	$625
9/1/15 – 9/31/15	25	$125	$3,125
10/1/15 – 10/15/15	40	$125	$5,000