INTERIM PROGRESSS REPORT

ARIVEC CHEMICALS PROPERTY
(HSI NO. 10123)
DOUGLASVILLE, GEORGIA

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NOVEMBER 2012
REF. NO. 035029 (17)

TABLE OF CONTENTS

		Page
1.0	INTRODUCTION	1
	1.1 GENERAL	1
	1.2 LOCATION AND SITE DESCRIPTION	1
2.0	SOIL INVESTIGATION	3
	2.1 SUPPLEMENTAL SOIL SAMPLING – JANUARY 2012	3
	2.2 SUPPLEMENTAL SOIL SAMPLING – MAY 2012	4
	2.3 DOWNGRADIENT GROUNDWATER DATA	4
	2.4 DATA OVERVIEW	5
3.0	WATER WELL SURVEY	6
4.0	WORK PLAN FOR TREATABILITY/BENCH SCALE TESTING	7
5.0	REMEDIAL OPTIONS ASSESSMENT	9
6.0	GROUNDWATER INVESTIGATION	10
7.0	SCHEDULE	11

LIST OF FIGURES
(Following Text)

FIGURE 1 SITE LOCATION MAP

FIGURE 2 SITE PLAN

FIGURE 3 2012 SOIL BORING LOCATIONS

FIGURE 4 SPLP DATA LOCATIONS

FIGURE 5 SPLP RESULTS ABOVE WATER TABLE

FIGURE 6 SPLP RESULTS BELOW WATER TABLE

FIGURE 7 SHALLOW SOIL EXCEEDING VOC TYPE 4 RRS

FIGURE 8 DEEPER SOIL EXCEEDING VOC TYPE 4 RRS

FIGURE 9 WATER WELL SURVEY LOCATIONS

FIGURE 10 PROPOSED DATA COLLECTION AREAS

LIST OF TABLES
(Following Text)

TABLE 1 SOIL ANALYTICAL RESULTS SUMMARY

TABLE 2 SOIL SPLP ANALYTICAL RESULTS SUMMARY

TABLE 3 SUMMARY OF DOWNGRADIENT GROUNDWATER RESULTS

TABLE 4 WATER WELL SURVEY – LIST OF PROPERTIES

LIST OF APPENDICES

APPENDIX A	STRATIGRAPHIC AND INSTRUMENTATION LOGS
APPENDIX B	LABORATORY REPORTS AND DATA QUALITY ASSURANCE/ QUALITY CONTROL MEMORANDUM – JANUARY 2012
APPENDIX C	LABORATORY REPORTS AND DATA QUALITY ASSURANCE/ QUALITY CONTROL MEMORANDUM – MAY 2012
APPENDIX D	WATER WELL SURVEY DOCUMENTS
APPENDIX E	SOIL TREATABILITY WORK PLAN

VIRUS FREE CERTIFICATE

This document provided to the EPD on two compact disks (CDs) is the Interim Progress Report, which includes the following components: complete text, appendices, tables and figures. The contents of the CDs are in Portable Document Format (PDF) which are identical to the hard copy and are free of computer viruses; Symantec Anti virus was used to check and scan for any viruses.

I certify that the CDs are virus-free, and the documents are accurate and complete.

Terri Bay

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1.0 INTRODUCTION

1.1 GENERAL

This Interim Progress Report (Progress Report) is being submitted on behalf of the Arivec Chemicals Site PRP Group (Group) for the Arivec Chemicals Site located at 7962 Huey Road in Douglasville, Douglas County, Georgia (Property or Site).

The Progress Report includes:

- A summary of the supplemental soil investigations conducted in 2012;
- Results of the water well survey conducted downgradient of the Site;
- The proposed work plan for a bench scale– soil treatability study;
- Identification of various soil/groundwater remedial options that will be assessed following completion of the bench-scale testing; and
- A schedule to complete the proposed work.

1.2 LOCATION AND SITE DESCRIPTION

The Arivec Property is located in a mixed industrial and residential use area within the Douglasville, Georgia, city limits. The Property is approximately 3.64 acres and is bordered on four sides primarily by industrial land. Signal Energy Holdings Corporation (formerly Young Refining) borders the Property to the north by an unused gravel lot and former industrial ponds, to the east by a closed RCRA pond and several above ground storage tanks which are currently being dismantled, and to the southeast by an operating plant. To the south, the Property is bordered by Blackridge Emulsions and other industrial property owned by Ruth Walters. Huey Road is to the west of the Arivec Property, and west of Huey Road is vacant land owned by Dillon Transport, Inc. with residential properties north and south of Dillon Transport. Huey Road runs north-south for less than a mile and is bordered by various residential homes. The closest residential property is approximately 500 feet northwest of the Site. The local topography generally slopes from south to north-northwest. A Site Location Map and a Site Plan are provided on Figures 1 and 2, respectively.

The former Arivec Chemicals facility recycled solvents on the Property until the mid-1990s. Structures on the Property such as steel platforms, piping and tanks have been removed. Derelict buildings, concrete pads and walls, and one steel process vessel remain on Site. In 2009 and 2010, approximately 1500 buried drums were removed from

the Site and disposed of at off-site disposal facilities. The entire Property is fenced and gated with a 5-foot high chain-link fence.

Residences and industries located in the vicinity of the Site are served by public water. Two private water wells were previously identified by the Georgia Environmental Protection Division (EPD) in the general vicinity of the Property. One well is located approximately 2,600 feet north of the Property and the other residential well is located approximately 2,200 feet northwest of the Property; both are located well beyond the limits of any reported groundwater impact related to Arivec. The residential wells were sampled by CRA on behalf of the Group on July 18, 2011 for volatile organic compounds (VOCs); the results were non-detect. The results were reported to EPD on August 11, 2011.

In July 2012, one additional residential well and one former well were identified downgradient of the Site. The wells were reported as not in use or abandoned. Additional information on the recent water well survey is provided in Section 3.

2.0 SOIL INVESTIGATION

Two phases of a supplemental soil investigation were conducted at the Arivec Site in January and May 2012. The work was conducted following the Buried Drum Removal Program (Completion Report submitted to EPD in February 2011), and following removal and salvage of the steel tanks and piping that had remained on Site. The scope of the supplemental soil investigation was conducted to:

- Further delineate areas of known VOC impact in the shallow (0 – 2 ft below ground surface (bgs)) and deep (>2 ft bgs) zones;
- Determine impact beneath the concrete pads (previously obstructed areas);
- Asses current soil conditions within the 2009 and 2010 Drum Excavation Areas; and
- Determine if impacted soils are subject to leaching by the Synthetic Precipitation Leaching Procedure (SPLP).

The soil borings were advance using a direct push technology (DPT) rig under direction and oversight of CRA personnel. Soil samples were collected continuously in dedicated acetate liners to depths ranging from 4 to 20 feet below grade. All soils were classified in general accordance with the Unified Soil Classification System (USCS). Samples from each interval were field-screened with a photoionization detector (PID) to assess the presence of organic vapors in the soil headspace. Recorded PID readings and other observations are provided on the Stratigraphic Logs (Appendix A). The 2012 supplemental sample/soil boring locations are illustrated on Figure 3.

Select soil samples were collected and subject to SPLP to asses the potential for leaching in areas where moderate to elevated total VOC contamination was previously documented.

2.1 SUPPLEMENTAL SOIL SAMPLING – JANUARY 2012

Between January 23 and February 3, 2012, soil samples were collected within the former drum excavation areas and beneath the concrete pads which previously could not be accessed. Thirty-five soil borings (B-75 through B-109), and the contents of three sumps (Sump # 1, 2, & 3) were sampled during this event. Three of the 35 sample locations (B-107, B-108 and B-109) were located north and east of the Site on the Signal Energy Holdings Corporation (SEHC) property. The Stratigraphic and Instrumentation Logs of the 2012 soil borings are provided in Appendix A.

A total of 64 soil samples were collected for VOC analysis and 12 soil samples were collected and extracted by the SPLP with the resultant extract analyzed for VOCs (SPLP VOC). Twenty five samples were also analyzed for RCRA metals and PCBs, to assess soil in areas where RCRA metals and PCBs were found in some of the waste streams that were generated during the buried drum removal program.

Table 1 summarizes the 2012 soil analytical data in comparison to the Type 4 Risk Reduction Standards (RRS). Table 2 summarizes the SPLP VOC data collected at select locations. The laboratory reports, associated sample key and the data validation (QA/QC) memorandum are provided in Appendix B.

2.2 SUPPLEMENTAL SOIL SAMPLING – MAY 2012

Based on the January 2012 results, ten additional soil boring locations (B-110 through B-119) were completed on May 9 and 10, 2012 to supplement the existing data, and analyzed for VOCs and SPLP VOCs. In addition, select borings were re-sampled (adjacent to former boring locations) at B-85, B-90, B-93, B-99, B-101 and B-106 for SPLP VOC analysis in order to correlate with the total VOC data that was previously collected. RCRA metals and PCBs were also analyzed in the SPLP extract from two sample locations (B-93 and B-106) where select RCRA metals and PCBs had exceeded Type 4 RRS. All SPLP sample locations are illustrated on Figure 4.

Table 1 summarizes the 2012 soil analytical data in comparison to the Type 4 Risk Reduction Standards (RRS). Table 2 summarizes the SPLP data collected at select locations. The laboratory report, associated sample key and the data validation memorandum are provided in Appendix C.

2.3 DOWNGRADIENT GROUNDWATER DATA

The most recent groundwater data available for the Site were reported in the Voluntary Remediation Program (VRP) Application dated July 2011. A portion of the 2011 data set was further evaluated to compare the downgradient groundwater quality with the SPLP data. Table 3 summarizes the groundwater analytical results of the downgradient monitoring well locations that were sampled by CRA in 2011. The data are also compared to the Type 1 and 4 RRS for groundwater; Type 1 reflects criteria utilized for residential properties. Table 3 distinguishes the criterion utilized and also indicates whether the location monitors groundwater in the bedrock or overburden soils

2.4 DATA OVERVIEW

A total of 28 locations were analyzed for SPLP VOCs; the data are summarized in Table 2. The SPLP results were categorized as being representative of conditions above or below the water table. The data were further categorized by the relative VOC concentration of the SPLP extract in comparison to the Type 4 RRS for groundwater (e.g., no exceedance, low and elevated exceedance). These summarized data are presented on Figures 5 and 6.

Impact to soils beneath the concrete pads in the shallow horizon (0 to 2-foot depth) was found limited to primarily the southern most concrete pad area, however, more widespread impact was found beneath other pads in the deeper soils. Impacted soils are present in the areas where drums were removed in 2009 and 2010. The SPLP-VOC data suggest that soils with minor exceedances of Type 4 RRS for VOCs may not necessarily leach VOCs. Shallow (0-2 ft bgs) and deep (> 2 ft bgs) soil impact areas exceeding the Type 4 RRS are presented on Figures 7 and 8, respectively.

Given that groundwater is on the order of 8 to 9 feet below grade, and that a primary objective of this supplemental investigation is to identify the most significant potential source areas at the Arivec Site, the SPLP data presented on Table 2 and Figure 6 (SPLP Results Below the Water Table) are compared to the groundwater concentrations in wells located downgradient of the Site (Table 3). These comparison data indicate that chlorinated VOCs are most prominent in the soil SPLP extract and also in the downgradient groundwater.

Based on the data, the following seven areas appear to exhibit the greatest potential as groundwater contaminant source areas:

- Borehole B-84
- Borehole B-90
- Borehole B-106
- Borehole B-113
- Borehole B-115
- Borehole B-117
- Borehole B-118

3.0 WATER WELL SURVEY

A water well survey was completed downgradient of the Site. The survey included a desk top survey (contacting federal and local agencies), conducting a windshield survey of the surrounding properties and contacting the local residents with the potential of having a water well.

The United States Geological Survey (USGS) was one of the agencies that was contacted during the survey. Based on the USGS search results, there is no water well within a one mile radius downgradient of the Arivec Property. Local agencies including the Douglas County Water and Sewer Authority, City of Douglasville and the county health department were also contacted. The Douglas County Water and Sewer Authority notified us that their offices do not keep water well records in the county. Result of the USGS search is included in Appendix D.

A drive-by windshield survey was also conducted to document any evidence of water wells (pump house, water pipe to the house, etc). Based on the desk top and windshield survey, the properties illustrated on Figure 9 and listed on Table 4 were contacted to determine the presence and use of water well for the property. In addition to the previously identified water wells located at 1431 Huey Road and 1312 Pirkle Road (which were sampled in July 2011), one additional water well was identified at the following location during this recent well survey:

- 1480 Huey Road is located approximately 1050 ft downgradient of the Site. The well is not in use according to the homeowner.

A former well was identified at 1544 Huey Road but according to the homeowner it does not exist anymore. According to the homeowner, a house was built on top of the well.

Table 4 and Figure 9 summarize the local water well information.

4.0 WORK PLAN FOR TREATABILITY/BENCH SCALE TESTING

This subsection presents the scope of work for the Treatability/Bench Scale Testing proposed as the next step for the Site and is based on the results of the supplemental soil sampling as presented in Section 2.

Previous soil treatability testing conducted on soils at the Site focused on oxidation (Soil Corrective Action Plan, November 2006). Removal of the buried drums subsequently found has eliminated the primary contaminant source at the Site. The testing proposed herein will assess stabilization options to reduce the leachability of contaminants from the residual source areas.

A total of seven locations were identified as Potential Target Source Areas; these are the areas where samples subjected to the SPLP extraction procedures exhibited elevated concentrations of Site-related contaminants of concern (COCs) in the resultant extract when compared to the downgradient water chemistry. It is proposed that bulk soil samples be collected from these locations for the initial bench scale testing. The locations and depths of the samples are based on the overall data results as presented in Section 2.

The treatability studies will be conducted on representative samples of soil media collected from the sample locations identified below. Approximately 50 pounds of soil will be collected in 5-gallon pails from three primary treatment areas of the Site. These soils will be used to perform the treatability studies. Selected samples will be composited to form a representative sample for each area. The samples (environmental samples) will be shipped to CRA's treatability study laboratory in 5-gallon pails or other suitable sealed container(s) in accordance with Department of Transportation (DOT) regulations. Figure 10 illustrates the Proposed Bench Test Soil Sample Locations. Soils will be collected from the following depths within each designated area; the proposed treatment samples are described below.

Treatment Sample 1:

B-117, 6-11 feet below grade
B-118, 9-16 feet below grade

Treatment Sample 2:

B-106, 8-13 feet below grade
B-90, 6-11 feet below grade
B-115, 10-15 feet below grade

Treatment Sample 3:
B-113, 12-17 feet below grade
B-84, 11-16 feet below grade

Each sample interval will be analyzed separately prior to preparing composite samples from each Treatment area.

Bulk soil samples required for treatability studies will be collected by hollow-stem auger drilling techniques. For each 5-gallon treatability sample, pre-cleaned auger equipment will be advanced five or more feet into the target interval and pulled up, and soil will be collected from the bottom 5-foot auger flight section. If field observations indicate that the borehole is subject to cave in at the time of sample collection (collapse greater than 5 feet) indicating that the soil matrix above the target depth is unstable, then a more accurate sampling method, such as direct push technology (DPT) may be utilized for specific locations and target depths. CRA shall log and screen the soil samples with a calibrated photo-ionization detector (PID) during the bulk soil sample collection process. To facilitate the sample collection, a DPT rig will be fitted with hollow-stem augers.

The tests to be conducted and procedures to be followed are described in the Soil Treatability Study (STS) Work Plan included in Appendix E.

5.0 REMEDIAL OPTIONS ASSESSMENT

Future development of the Site is not anticipated and will be controlled through the use of a restrictive covenant. Direct exposure to impacted soils remaining on Site may be mitigated through the construction of a soil cover or low-permeability cap and the Site will continue to be secured by maintenance of the existing fencing.

Data obtained from the treatability study described in Section 4 will support the assessment of remedial options to mitigate groundwater impacts attributable to the Site. Remedial options to be assessed include, but are not necessarily limited to, the following:

- In situ oxidation or reduction;
- In situ stabilization;
- Permeable reactive barrier wall;
- Low permeability cap;
- Infiltration gallery; and
- Monitored natural attenuation.

The final remedy selected for the Site is likely to consist of a combination of two or more of the above noted remedial options. Following the assessment, the proposed remedial option or combination of options will be presented in a Corrective Action Plan (CAP) for the Site.

The CAP may include provisions for Pilot Testing if needed to fully demonstrate the effectiveness of the remedial option(s) proposed for the Site. Additional monitoring wells shall be installed immediately downgradient of the Site to monitor the impact of the selected remedy on groundwater leaving the Site.

6.0 GROUNDWATER INVESTIGATION

Previous groundwater sampling for the Arivec Site was completed in May and June 2011, the results of which were reported in the July 2011 VRP Application. The 2011 data indicated that additional off-site downgradient delineation was required to the west and north for the shallow overburden and bedrock groundwater.

Since submittal of the 2011 VRP Application, continued attempts have failed at obtaining access to cross residential properties located on Redcliff Drive, which is needed to install monitoring wells on the Cochran Property northwest of Arivec. Given the lack of a positive response from the home owners, we will re-evaluate these off-site downgradient locations following receipt of updated groundwater data. Any new monitoring wells required, based on the updated groundwater data, will be proposed on public land, such as on right-of-ways.

Given that the groundwater monitoring wells have not been recently sampled, additional groundwater sampling will be completed to update the data set. Following the sampling event, the data will be evaluated and reported to EPD. Based on the updated groundwater data, additional monitoring wells may be required to delineate the extent of groundwater impact in the downgradient direction. Additional monitoring wells will be proposed for public and/or non-residential properties.

7.0 SCHEDULE

The samples required for the performance of the treatability study will be collected in December 2012. Based on the anticipated sample collection date, the following schedule is anticipated:

Soil Treatability Sample Collection:	1 week	Mid-Dec. 2012
Performance of Treatability Study:	16 weeks	Mid-April 2013
Assessment of Remedial Options:	6 weeks	End May 2013
Submittal of CAP and/or Pilot Test Work Plan:	4 weeks	End June. 2013
Installation of Performance Monitoring Wells and Initiation of Pilot Test/Remediation:	Subject to EPD Approval	
Groundwater Sampling Event	8 weeks	February 2013

FIGURES

INTERIM PROGRESS REPORT

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FIGURES

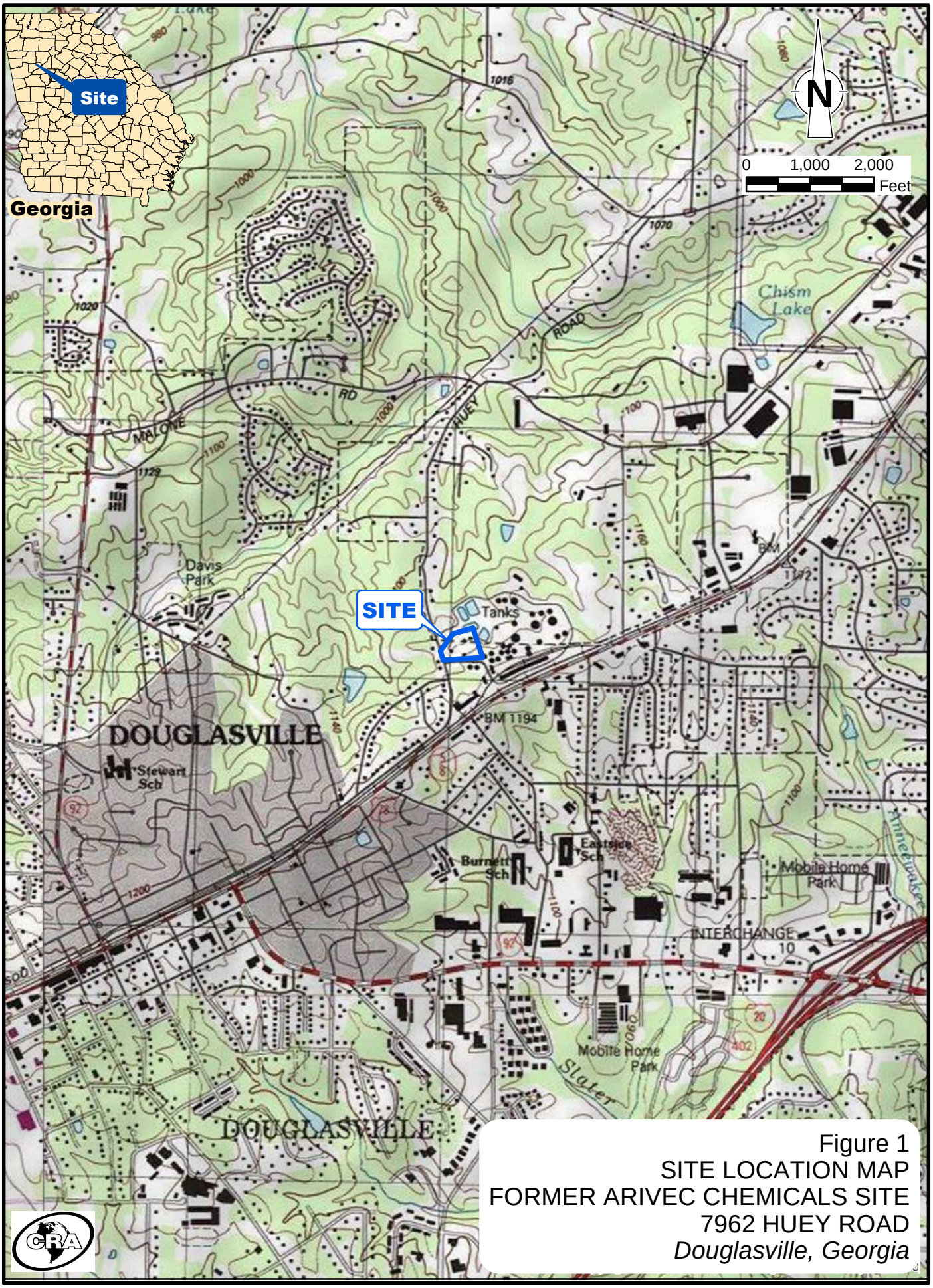
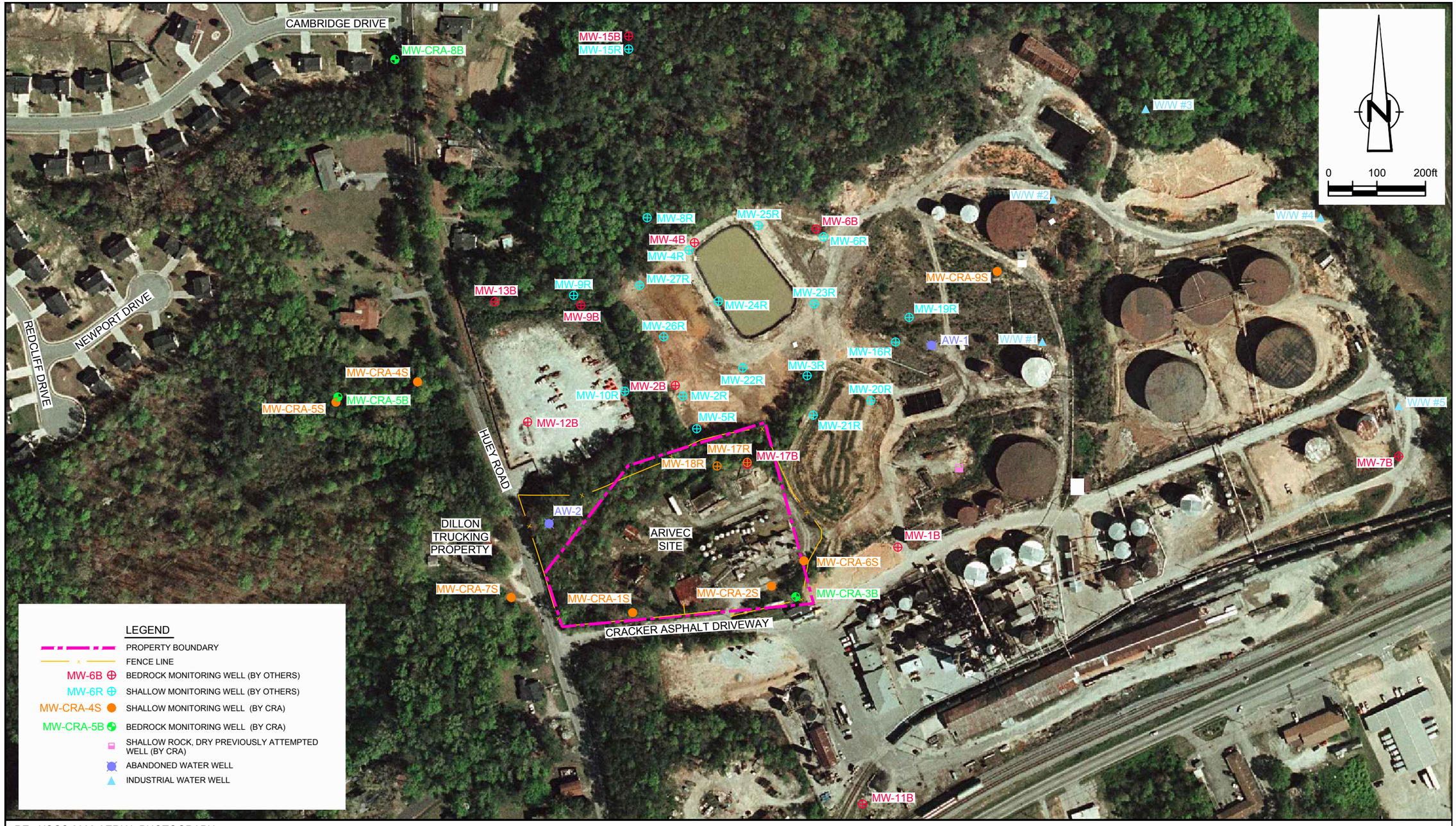


Figure 1
SITE LOCATION MAP
FORMER ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

11/5/2012



RE: USGS 2008 AERIAL PHOTOGRAPH.
PT&B ENGINEERING, INC. DRAWING TITLED, "SPECIAL USE SURVEY," DATED 9/16/09.

Figure 2

SITE PLAN
FORMER ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

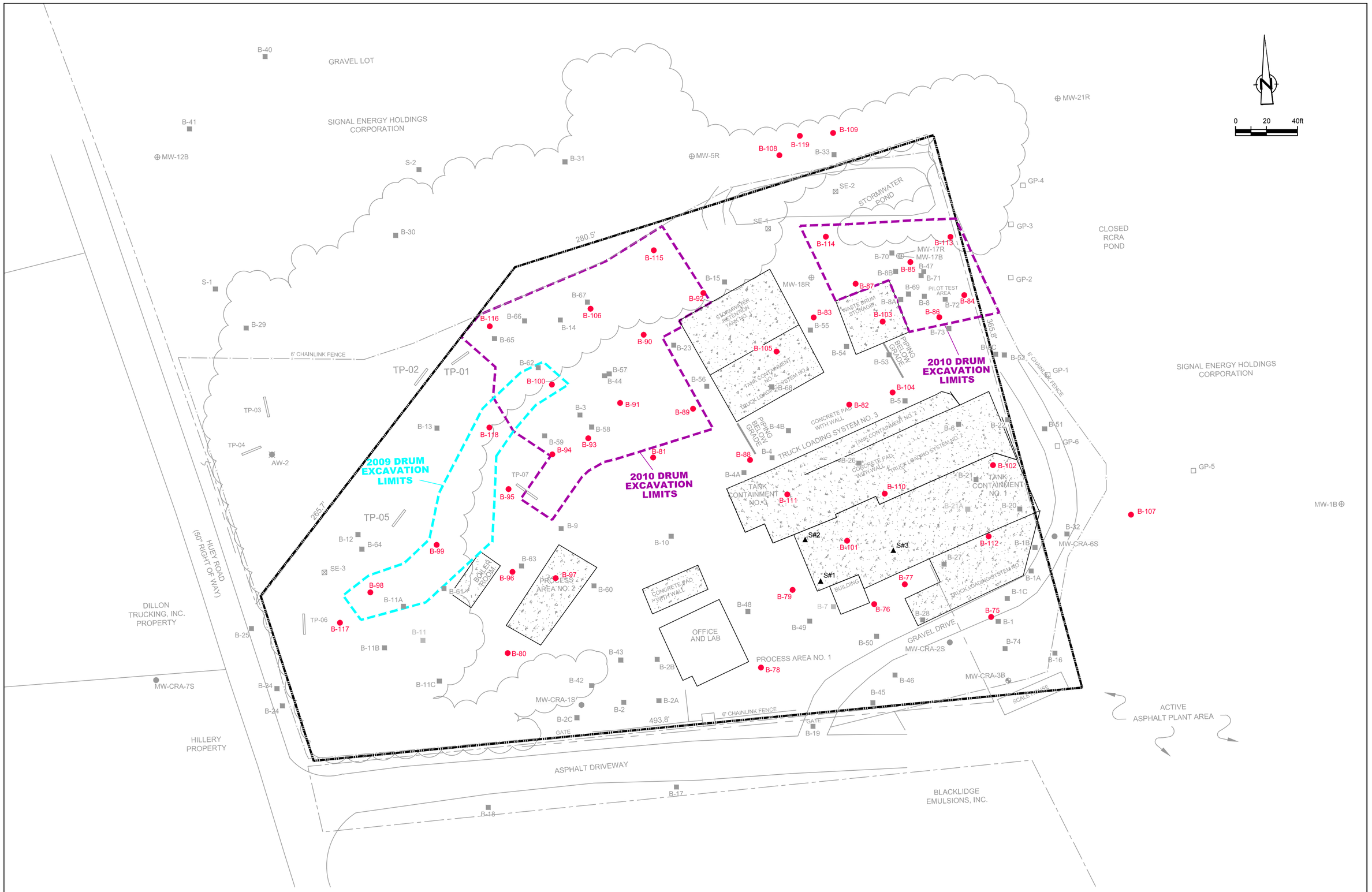


Figure 3
2012 SOIL BORING LOCATIONS
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

035029-12(017)GN-BR002 NOV 15/2012

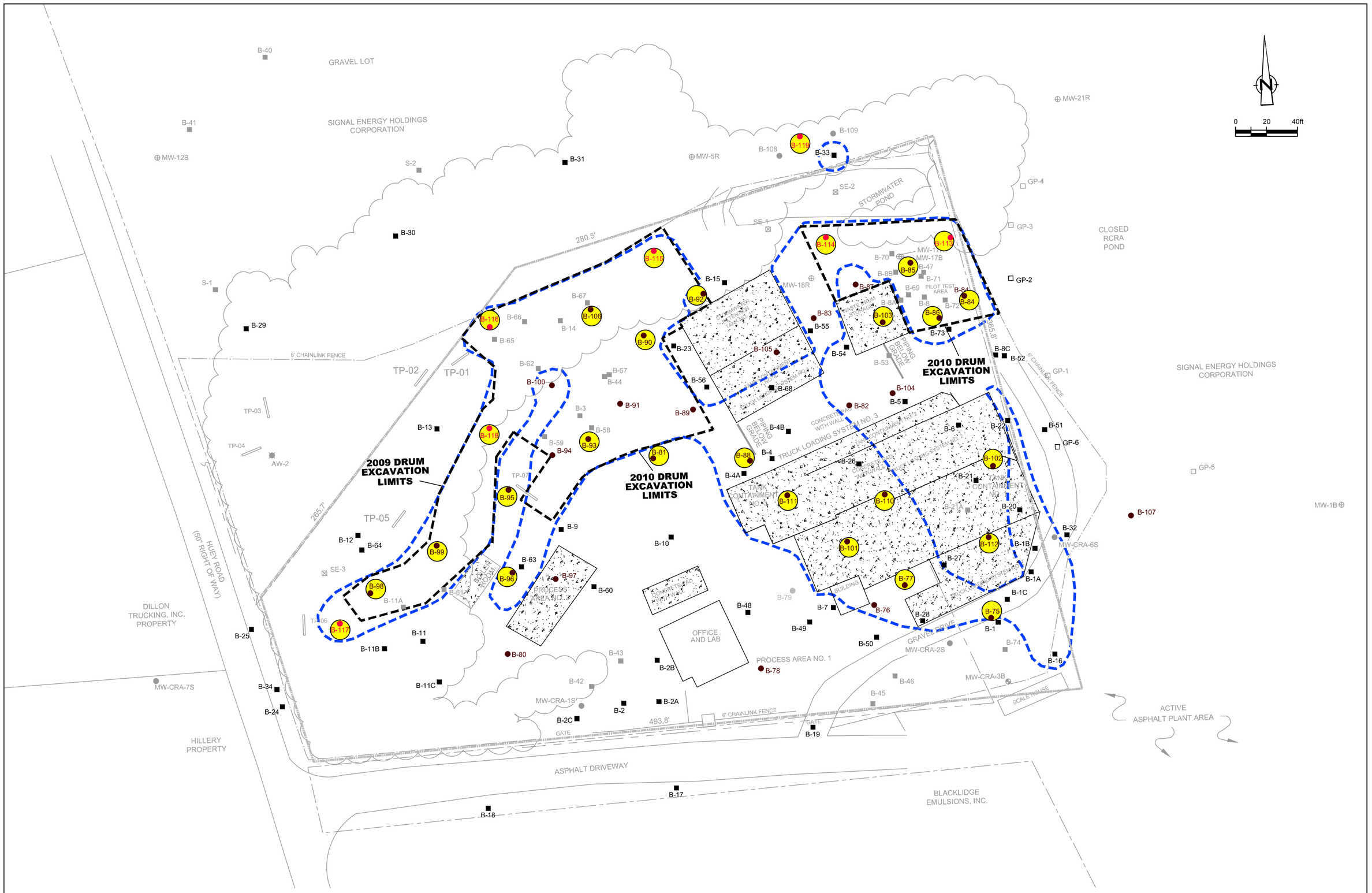


Figure 4
SPLP DATA LOCATIONS
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

035029-12(017)GN-BR003 NOV 7/2012

B-119	4-6 ft BGS
VOCs-SPLP	No Exceedance

B-88	2-4 ft BGS
Methyl cyclohexane	7.4

B-93	6-8 ft BGS
Ethylbenzene	4100
Toluene	12000
Xylenes (total)	18000

B-111	2-4 ft BGS
Tetrachloroethene	7.0

B-110	1-2 ft BGS
Tetrachloroethene	56000
Trichloroethene	1400

B-99	2-4 ft BGS
Tetrachloroethene	3000
Trichloroethene	15000

B-102	4-6 ft BGS
Methyl cyclohexane	28 J

B-112	3-4 ft BGS
VOCs-SPLP	No Exceedance

B-96	5-7 ft BGS
Tetrachloroethene	6.1

B-75	3-5 ft BGS
Methyl cyclohexane	7.8

B-81	4-6 ft BGS
VOCs-SPLP	No Exceedance

B-101	6-7.5 ft BGS
1,2-Dibromo-3-chloropropane (DBCP)	44 J
Ethylbenzene	1000
Methyl cyclohexane	6.8 J
Tetrachloroethene	4200
Trichloroethene	71

B-77	2-4.5 ft BGS
VOCs-SPLP	No Exceedance

LEGEND

- CONCRETE PAD
- WOODED AREA
- PROPERTY BOUNDARY
- TP-01 2009 TEST PIT LOCATION
- MW-6R EXISTING MONITORING WELL (BY OTHERS)
- GP-1 EXISTING DPT BORING (BY OTHERS)
- B-1 SOIL BORING (PREVIOUS)
- SE-1 SEDIMENT SAMPLE
- MW-CRA-1S SHALLOW MONITORING WELL (BY CRA)
- MW-CRA-3B BEDROCK MONITORING WELL (BY CRA)
- AW-2 WATER WELL LOCATION (BY OTHERS)
- DEEP SOIL TYPE 4 RRS EXCEEDANCE AREAS (> 2 FEET)
- B-75 SOIL BORING LOCATION (2012)
- NO SPLP EXCEEDANCES
- LOW SPLP EXCEEDANCES
- ELEVATED SPLP EXCEEDANCES

NOTE: SPLP DATA LISTED REPRESENT ANALYZED LEACHATE (mg/L) THAT EXCEEDS TYPE 4 RRS GROUNDWATER.

Figure 5
SPLP RESULTS ABOVE WATER TABLE
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

035029-12(017)GN-BR004 NOV 5/2012

B-106	10-12 ft BGS
2-Butanone (Methyl ethyl ketone) (MEK)	180000
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	210000
cis-1,2-Dichloroethene	5000
Ethylbenzene	3100
Methylene chloride	40000
Tetrachloroethene	6900
Toluene	53000
Trichloroethene	47000
Vinyl chloride	280
Xylenes (total)	24000

B-90	8-10 ft BGS
1,2-Dichlorobenzene	1300
1,2-Dichloroethane	30
1,2-Dichloropropane	15
1,4-Dichlorobenzene	180
Benzene	22
cis-1,2-Dichloroethene	8100
Ethylbenzene	11000
Methyl cyclohexane	16
Tetrachloroethene	150
Toluene	31000
Vinyl chloride	36
Xylenes (total)	45000

B-115	12-14 ft BGS
1,2-Dichlorobenzene	1200

B-92	14-16 ft BGS
VOCs-SPLP	No Exceedance

B-114	14-16 ft BGS
Methyl cyclohexane	13 J
Tetrachloroethene	48 J/93 J

B-113	12-14 ft BGS
Methyl cyclohexane	22
Tetrachloroethene	50
Trichloroethene	520

B-85	10-12 ft BGS
Tetrachloroethene	14

B-116	12-14 ft BGS
Ethylbenzene	1100

B-84	14-16 ft BGS
Benzene	73
Ethylbenzene	740
Methyl cyclohexane	130
Tetrachloroethene	650
Toluene	6300
Trichloroethene	870

B-118	14-16 ft BGS
Tetrachloroethene	1400

B-86	10-12 ft BGS
VOCs-SPLP	No Exceedance

B-103	8-11 ft BGS
VOCs-SPLP	No Exceedance

B-95	12-14 ft BGS
VOCs-SPLP	No Exceedance

B-98	12-14 ft BGS
VOCs-SPLP	No Exceedance

B-117	8-10 ft BGS
Tetrachloroethene	730
Trichloroethene	2200

0 20 40ft

LEGEND

- CONCRETE PAD
- WOODED AREA
- PROPERTY BOUNDARY
- TP-01 2009 TEST PIT LOCATION
- MW-6R EXISTING MONITORING WELL (BY OTHERS)
- GP-1 EXISTING DPT BORING (BY OTHERS)
- B-1 SOIL BORING (PREVIOUS)
- SE-1 SEDIMENT SAMPLE
- MW-CRA-1S SHALLOW MONITORING WELL (BY CRA)
- MW-CRA-3B BEDROCK MONITORING WELL (BY CRA)
- AW-2 WATER WELL LOCATION (BY OTHERS)
- DEEP SOIL TYPE 4 RRS EXCEEDANCE AREAS (> 2 FEET)
- B-75 SOIL BORING LOCATION (2012)
- NO SPLP EXCEEDANCES
- LOW SPLP EXCEEDANCES
- ELEVATED SPLP EXCEEDANCES

NOTE: SPLP DATA LISTED REPRESENT ANALYZED LEACHATE (mg/L) THAT EXCEEDS TYPE 4 RRS FOR GROUNDWATER.

Figure 6
SPLP RESULTS BELOW WATER TABLE
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

035029-12(017)GN-BR005 NOV 5/2012



Figure 7
SHALLOW SOIL EXCEEDING VOC TYPE 4 RRS
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

035029-12(017)GN-BR006 NOV 5/2012



Figure 8
DEEPER SOIL EXCEEDING VOC TYPE 4 RRS
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

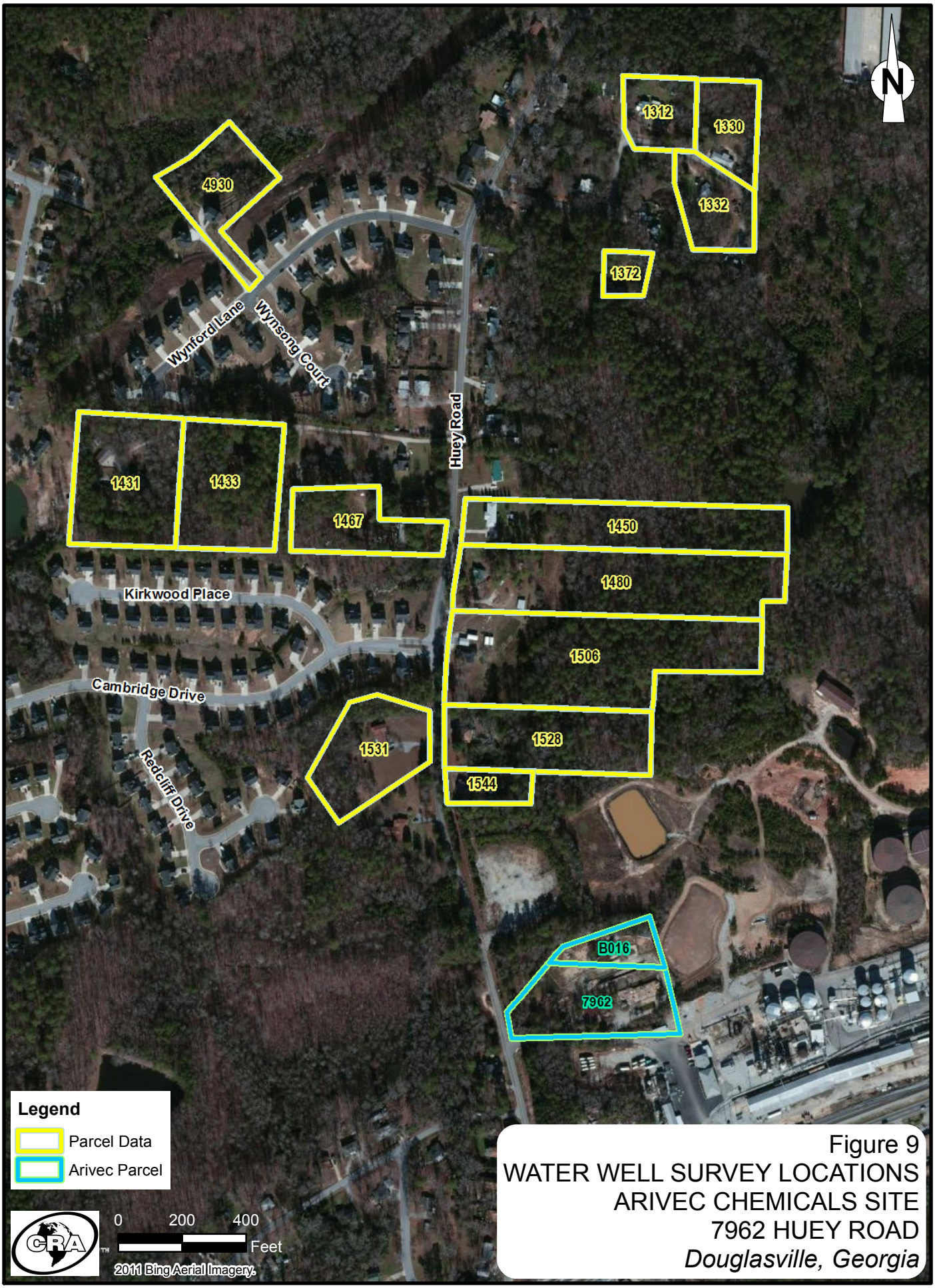


Figure 9
WATER WELL SURVEY LOCATIONS
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

35029-12(017)PR-BR001 11/7/2012



LEGEND

- CONCRETE PAD
- WOODED AREA
- PROPERTY BOUNDARY
- TP-01 2009 TEST PIT LOCATION
- MW-6R EXISTING MONITORING WELL (BY OTHERS)
- GP-1 DPT BORING (BY OTHERS)
- B-1 SOIL BORING
- SE-1 SEDIMENT SAMPLE
- MW-CRA-1S SHALLOW MONITORING WELL (BY CRA)
- MW-CRA-3B BEDROCK MONITORING WELL (BY CRA)
- AW-2 WATER WELL (BY OTHERS)
- DEEP SOIL TYPE 4 RRS EXCEEDANCE AREAS (> 2 FEET)
- B-76 SOIL BORING LOCATION (2012)
- PROPOSED BENCH TEST SOIL SAMPLE LOCATION
- GROUNDWATER FLOW DIRECTION

NOTE: BOLDED SOIL BORING LOCATIONS INDICATE APPLICABLE DATA USED FOR CONTOUR INTERPRETATION.

CRA

Figure 10
PROPOSED DATA COLLECTION AREAS
ARIVEC CHEMICALS SITE
7962 HUEY ROAD
Douglasville, Georgia

035029-12(017)GN-BR009 NOV 15/2012

TABLES

INTERIM PROGRESS REPORT

ARIVEC CHEMICALS PROPERTY
(HSI NO. 10123)
DOUGLASVILLE, GEORGIA

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TABLES

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-75*	*B-76*	*B-76*	*B-77*	*B-77*	*B-78*	*B-78*	*B-79*	*B-80*	*B-80*	*B-81*	*B-81*
Sample Name:			*S-012312-DJB-001*	*S-012312-DJB-003*	*S-012312-DJB-004*	*S-012312-DJB-005*	*S-012312-DJB-006*	*S-012312-DJB-007*	*S-012312-DJB-008*	*S-012312-DJB-009*	*S-012412-DJB-010*	*S-012412-DJB-011*	*S-012412-DJB-012*	*S-012412-DJB-013*
Sample Date:			*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*2-4.5 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*
Parameters	*Units*	*Type 4 RRS*												
Volatile Organic Compounds														
1,1,1-Trichloroethane	mg/kg	20	0.0041 U	0.0041 U	2.2 U	**0.017**	**0.012**	0.0046 U	0.0059 U	**0.007**	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,1,2,2-Tetrachloroethane	mg/kg	20	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,1,2-Trichloroethane	mg/kg	0.5	**0.0048**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,1-Dichloroethane	mg/kg	400	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.0057 J**
1,1-Dichloroethene	mg/kg	0.7	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,2,4-Trichlorobenzene	mg/kg	10.83	**0.0063**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,2-Dichlorobenzene	mg/kg	60	**0.011**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.033 J**
1,2-Dichloroethane	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,2-Dichloropropane	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,3-Dichlorobenzene	mg/kg	60	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
1,4-Dichlorobenzene	mg/kg	7.5	**0.013**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.014 J**
1,4-Dioxane	mg/kg	NC	0.12 U	0.12 U	65 U	0.11 U	0.14 U	0.14 U	0.18 U	0.13 U	0.19 U	0.15 U	0.13 U	0.11 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	0.041 U	0.041 U	22 U	0.036 U	0.048 U	0.046 U	0.059 U	0.044 U	0.065 U	0.049 U	0.044 U	0.038 U
2-Hexanone	mg/kg	200	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	mg/kg	200	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
Acetone	mg/kg	400	0.082 U	0.082 U	43 U	0.072 U	0.096 U	0.092 U	0.12 U	0.088 U	0.13 U	0.097 U	0.089 U	0.076 U
Benzene	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.0052 J**
Bromodichloromethane	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Bromoform	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Bromomethane (Methyl bromide)	mg/kg	1	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Carbon disulfide	mg/kg	400	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
Carbon tetrachloride	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Chlorobenzene	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.036 J**
Chloroethane	mg/kg	8.31	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
Chloroform (Trichloromethane)	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Chloromethane (Methyl chloride)	mg/kg	0.3	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
cis-1,2-Dichloroethene	mg/kg	7	**0.65**	**0.018**	2.2 U	**0.6**	**0.45**	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.008 J**
cis-1,3-Dichloropropene	mg/kg	1000	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Cyclohexane	mg/kg	20	**0.017**	0.0041 U	2.2 U	0.0036 U	**0.0067**	0.0046 U	**0.023**	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**1.4**
Dibromochloromethane	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
Ethylbenzene	mg/kg	70	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	**0.016**	0.0044 U	0.0065 U	0.0049 U	**0.0063**	**4.6**
Isopropyl benzene	mg/kg	21.88	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	**0.031**	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**1.4**
Methyl acetate	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Methyl cyclohexane	mg/kg	0.5	**0.023**	0.0041 U	2.2 U	**0.0037**	**0.019**	**0.0076**	**0.16**	0.0044 U	0.0065 U	0.0049 U	**0.0057**	**4.8**
Methyl tert butyl ether (MTBE)	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Methylene chloride	mg/kg	0.5	0.016 U	0.016 U	8.6 U	0.014 U	0.019 U	0.018 U	0.024 U	0.018 U	0.026 U	0.019 U	0.018 U	0.015 U
Styrene	mg/kg	14	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Tetrachloroethene	mg/kg	0.5	**8.5**	**0.79**	**10**	**31**	**1.3**	0.0046 U	0.0059 U	**7.8**	0.0065 U	0.0049 U	0.0044 U	**0.0043 J**
Toluene	mg/kg	100	0.0041 U	0.0041 U	2.2 U	0.0036 U	**0.005**	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	**0.0052**	**0.11 J**
trans-1,2-Dichloroethene	mg/kg	10	**0.0054**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
trans-1,3-Dichloropropene	mg/kg	2.22	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Trichloroethene	mg/kg	0.5	**0.38**	**0.052**	2.2 U	**1.5**	**0.15**	0.0046 U	0.0059 U	**0.022**	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Trichlorofluoromethane (CFC-11)	mg/kg	200	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
Vinyl chloride	mg/kg	0.2	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U
Xylenes (total)	mg/kg	1000	0.0041 U	0.0041 U	**3.1**	0.0036 U	**0.0059**	0.0046 U	**0.012**	0.0044 U	0.0065 U	0.0049 U	**0.017**	**17**

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			***B-75***	***B-76***	***B-76***	***B-77***	***B-77***	***B-78***	***B-78***	***B-79***	***B-80***	***B-80***	***B-81***	***B-81***
Sample Name:			***S-012312-DJB-001***	***S-012312-DJB-003***	***S-012312-DJB-004***	***S-012312-DJB-005***	***S-012312-DJB-006***	***S-012312-DJB-007***	***S-012312-DJB-008***	***S-012312-DJB-009***	***S-012412-DJB-010***	***S-012412-DJB-011***	***S-012412-DJB-012***	***S-012412-DJB-013***
Sample Date:			***1/22/2012***	***1/22/2012***	***1/22/2012***	***1/22/2012***	***1/22/2012***	***1/22/2012***	***1/22/2012***	***1/22/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***
Depth:			***0-2 ft BGS***	***0-2 ft BGS***	***8-10 ft BGS***	***0-2 ft BGS***	***2-4.5 ft BGS***	***0-2 ft BGS***	***6-8 ft BGS***	***0-2 ft BGS***	***0-2 ft BGS***	***4-6 ft BGS***	***0-2 ft BGS***	***4-6 ft BGS***
Metals														
Arsenic	mg/kg	20	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	1000	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	3.84	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	3066000	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	993.1	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.533	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	2.66	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	4.34	-	-	-	-	-	-	-	-	-	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	-	-	-

Note:

U - Not detected at the associated reporting limit
0.23 J - Detections estimated above associated reporting limits
0.38 - Detection above the reporting limit but below the Type 4 RRS
8.5 (boxed and highlighted yellow) - Detection above the Type 4 RRS

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-82*	*B-82*	*B-83*	*B-83*	*B-84*	*B-84*	*B-84*	*B-85*	*B-85*	*B-86*	*B-86*	*B-87*	*B-87*
Sample Name:			*S-012412-DJB-014*	*S-012412-DJB-015*	*S-012412-DJB-016*	*S-012412-DJB-017*	*S-012412-DJB-018*	*S-012412-DJB-019*	*S-050912-SAG-005*	*S-012412-DJB-020*	*S-012412-DJB-021*	*S-012412-DJB-022*	*S-012412-DJB-023*	*S-012412-DJB-024*	*S-012412-DJB-025*
Sample Date:			*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*5/9/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
Depth:			*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*14-16 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*
Parameters	***Units***	***Type 4 RRS***													
Volatile Organic Compounds															
1,1,1-Trichloroethane	mg/kg	20	2.8	0.027	0.0046 U	4.7	0.0067	2.1 U	71	2.5 U	2.6 U	0.004 U	0.95	0.0048 U	0.0046 U
1,1,2,2-Tetrachloroethane	mg/kg	20	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,1,2-Trichloroethane	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,1-Dichloroethane	mg/kg	400	1.9 U	0.065	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.067	0.0048 U	0.0046 U
1,1-Dichloroethene	mg/kg	0.7	1.9 U	0.012	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.027	0.0048 U	0.0046 U
1,2,4-Trichlorobenzene	mg/kg	10.83	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,2-Dichlorobenzene	mg/kg	60	1.9 U	0.052	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,2-Dichloroethane	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,2-Dichloropropane	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,3-Dichlorobenzene	mg/kg	60	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,4-Dichlorobenzene	mg/kg	7.5	1.9 U	0.011	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
1,4-Dioxane	mg/kg	NC	56 U	0.14 U	0.14 U	73 U	0.16 U	62 U	610 U	75 U	78 U	0.12 U	0.16 U	0.14 U	0.14 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	19 U	0.048 U	0.046 U	24 U	0.053 U	21 U	200 U	25 U	270	0.04 U	0.052 U	0.048 U	0.046 U
2-Hexanone	mg/kg	200	3.8 U	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.01 U	0.0095 U	0.0091 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	mg/kg	200	3.8 U	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	240	0.014	0.01 U	0.0095 U	0.0091 U
Acetone	mg/kg	400	38 U	0.096 U	0.11	49 U	0.13	41 U	410 U	50 U	66	0.079 U	0.1 U	0.095 U	0.091 U
Benzene	mg/kg	0.5	1.9 U	0.01	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.65	0.0048 U	0.0046 U
Bromodichloromethane	mg/kg	10	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Bromoform	mg/kg	10	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Bromomethane (Methyl bromide)	mg/kg	1	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Carbon disulfide	mg/kg	400	3.8 U	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.01 U	0.0095 U	0.0091 U
Carbon tetrachloride	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Chlorobenzene	mg/kg	10	1.9 U	0.0057	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.021	0.0048 U	0.0046 U
Chloroethane	mg/kg	8.31	3.8 U	0.013	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.01 U	0.0095 U	0.0091 U
Chloroform (Trichloromethane)	mg/kg	10	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Chloromethane (Methyl chloride)	mg/kg	0.3	3.8 U	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.01 U	0.0095 U	0.0091 U
cis-1,2-Dichloroethene	mg/kg	7	6.1	0.84	0.0046 U	120	0.024	3.3	200	27	120	0.004 U	4.6	0.073	0.12
cis-1,3-Dichloropropene	mg/kg	1000	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Cyclohexane	mg/kg	20	2.1	0.13	0.0046 U	11	0.0053 U	2.1 U	39	2.5 U	2.6 U	0.004 U	4.8	0.0048 U	0.0046 U
Dibromochloromethane	mg/kg	10	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	3.8 U	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.01 U	0.0095 U	0.0091 U
Ethylbenzene	mg/kg	70	12	0.46	0.0046 U	49	0.0053 U	2.1 U	66	2.5 U	25	0.004 U	19	0.0048 U	0.0046 U
Isopropyl benzene	mg/kg	21.88	1.9 U	0.11	0.0046 U	5	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	5.4	0.0048 U	0.0046 U
Methyl acetate	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Methyl cyclohexane	mg/kg	0.5	4.9	0.3	0.0046 U	41	0.0062	2.9	100	2.5 U	6.9	0.0041	11	0.0048 U	0.0046 U
Methyl tert butyl ether (MTBE)	mg/kg	0.5	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Methylene chloride	mg/kg	0.5	7.5 U	0.019 U	0.018 U	9.7 U	0.021 U	8.2 U	82 U	9.9 U	10 U	0.016 U	0.021 U	0.019 U	0.018 U
Styrene	mg/kg	14	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Tetrachloroethene	mg/kg	0.5	4	0.029	0.0046 U	6.4	0.0053 U	3.6	52	2.5 U	2.6 U	0.0069	2.3	0.0048 U	0.0046 U
Toluene	mg/kg	100	82	2.2	0.0046 U	210	0.021	7.1	520	54	210	0.014	57	0.0048 U	0.0046 U
trans-1,2-Dichloroethene	mg/kg	10	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
trans-1,3-Dichloropropene	mg/kg	2.22	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Trichloroethene	mg/kg	0.5	1.9 U	0.0052	0.0046 U	110	0.014	2.1 U	33	220	210	0.004 U	0.12	1.4	0.035
Trichlorofluoromethane (CFC-11)	mg/kg	200	1.9 U	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	20 U	2.5 U	2.6 U	0.004 U	0.0052 U	0.0048 U	0.0046 U
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	3.8 U	0.029	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.053	0.0095 U	0.0091 U
Vinyl chloride	mg/kg	0.2	3.8 U	0.079	0.0092 U	4.9 U	0.011 U	4.1 U	41 U	5 U	5.2 U	0.0079 U	0.01 U	0.0095 U	0.0091 U
Xylenes (total)	mg/kg	1000	66	2.7	0.0046 U	260	0.022	9.3	330	27	140	0.008	100	0.0048 U	0.0059

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			***B-82***	***B-82***	***B-83***	***B-83***	***B-84***	***B-84***	***B-84***	***B-85***	***B-85***	***B-86***	***B-86***	***B-87***	***B-87***
Sample Name:			***S-012412-DJB-014***	***S-012412-DJB-015***	***S-012412-DJB-016***	***S-012412-DJB-017***	***S-012412-DJB-018***	***S-012412-DJB-019***	***S-050912-SAG-005***	***S-012412-DJB-020***	***S-012412-DJB-021***	***S-012412-DJB-022***	***S-012412-DJB-023***	***S-012412-DJB-024***	***S-012412-DJB-025***
Sample Date:			***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***5/9/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/23/2012***
Depth:			***0-2 ft BGS***	***2-4 ft BGS***	***0-2 ft BGS***	***10-12 ft BGS***	***0-2 ft BGS***	***10-12 ft BGS***	***14-16 ft BGS***	***0-2 ft BGS***	***10-12 ft BGS***	***0-2 ft BGS***	***4-6 ft BGS***	***0-2 ft BGS***	***8-10 ft BGS***
Metals															
Arsenic	mg/kg	20	-	-	-	5.90 U	-	5.71 U	-	-	5.81 U	-	6.35 U	-	6.78 U
Barium	mg/kg	1000	-	-	-	**22.4**	-	**49.2**	-	-	**28.4**	-	**22.1**	-	**41.5**
Cadmium	mg/kg	3.84	-	-	-	2.95 U	-	2.85 U	-	-	2.91 U	-	3.18 U	-	3.39 U
Chromium	mg/kg	3066000	-	-	-	2.95 U	-	2.85 U	-	-	**5.72**	-	**10.8**	-	3.39 U
Lead	mg/kg	993.1	-	-	-	**33.8**	-	**9.44**	-	-	**23.3**	-	**26.0**	-	**30.7**
Mercury	mg/kg	0.533	-	-	-	0.126 U	-	0.117 U	-	-	0.120 U	-	0.128 U	-	0.137 U
Selenium	mg/kg	2.66	-	-	-	5.90 U	-	5.71 U	-	-	5.81 U	-	6.35 U	-	6.78 U
Silver	mg/kg	4.34	-	-	-	2.95 U	-	2.85 U	-	-	2.91 U	-	3.18 U	-	3.39 U
PCBs															
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	-	-	0.042 U	-	0.039 U	-	-	0.04 U	-	0.043 U	-	0.046 U
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	-	-	0.042 U	-	0.039 U	-	-	0.04 U	-	0.043 U	-	0.046 U
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	-	-	0.042 U	-	0.039 U	-	-	0.04 U	-	0.043 U	-	0.046 U
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	-	-	**0.33**	-	0.039 U	-	-	0.04 U	-	0.043 U	-	0.046 U
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	-	-	0.042 U	-	0.039 U	-	-	0.04 U	-	0.043 U	-	0.046 U
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	-	-	**0.33**	-	0.039 U	-	-	**0.75 J**	-	0.043 U	-	0.046 U
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	-	-	**0.14**	-	0.039 U	-	-	**0.2 J**	-	0.043 U	-	0.046 U

Note:

U - Not detected at the associated reporting limit
0.23 J - Detections estimated above associated reporting limits
0.38 - Detection above the reporting limit but below the Type 4 RRS
8.5 (boxed and highlighted yellow) - Detection above the Type 4 RRS

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-88*	*B-89*	*B-89*	*B-90*	*B-90*	*B-91*	*B-91*	*B-92*	*B-92*	*B-93*	*B-93*	*B-94*	*B-94*
Sample Name:			*S-012412-DJB-026*	*S-012412-DJB-028*	*S-012412-DJB-029*	*S-012512-DJB-030*	*S-012512-DJB-031*	*S-012512-DJB-032*	*S-012512-DJB-033*	*S-012512-DJB-034*	*S-012512-DJB-035*	*S-012512-DJB-036*	*S-012512-DJB-037*	*S-012512-DJB-038*	*S-012512-DJB-039*
Sample Date:			*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
Depth:			*0-2 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*
Parameters	***Units***	***Type 4 RRS***													
Volatile Organic Compounds															
1,1,1-Trichloroethane	mg/kg	20	0.004 U	2 U	1.8 U	1.8 U	2.3 U	7	32	0.0046 U	0.0039 U	2 U	360	2.1 U	3
1,1,2,2-Tetrachloroethane	mg/kg	20	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,1,2-Trichloroethane	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,1-Dichloroethane	mg/kg	400	0.004 U	2 U	1.8 U	1.8 U	2.3 U	3.6	3.8	0.0046 U	0.0039 U	2 U	43	2.1 U	1.8 U
1,1-Dichloroethene	mg/kg	0.7	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2.5	0.0046 U	0.0039 U	2 U	23	2.1 U	1.8 U
1,2,4-Trichlorobenzene	mg/kg	10.83	0.024	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,2-Dichlorobenzene	mg/kg	60	0.15	9.2	150	1.8 U	33	2.6	2 U	0.0046 U	0.017	2 U	2.2 U	2.1 U	1.8 U
1,2-Dichloroethane	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,2-Dichloropropane	mg/kg	0.5	0.004 U	2 U	9.4	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,3-Dichlorobenzene	mg/kg	60	0.012	2 U	2.3	1.8 U	2.3	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
1,4-Dichlorobenzene	mg/kg	7.5	0.025	2 U	9.6	1.8 U	4.7	2.2 U	2 U	0.0046 U	0.0081	2 U	2.2 U	2.1 U	1.8 U
1,4-Dioxane	mg/kg	NC	0.12 U	60 U	54 U	55 U	68 U	66 U	59 U	0.14 U	0.12 U	59 U	65 U	63 U	55 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	0.04 U	20 U	18 U	18 U	23 U	22 U	30	0.046 U	0.039 U	20 U	22 U	21 U	48
2-Hexanone	mg/kg	200	0.0081 U	4 U	3.6 U	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U	4.3 U	4.2 U	3.7 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	mg/kg	200	0.0081 U	4 U	3.6 U	3.7 U	15	4.6	15	0.0092 U	0.0078 U	3.9 U	8.6	4.2 U	14
Acetone	mg/kg	400	0.081 U	40 U	36 U	37 U	45 U	44 U	40 U	0.14	0.078 U	39 U	43 U	42 U	37 U
Benzene	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Bromodichloromethane	mg/kg	10	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Bromoform	mg/kg	10	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Bromomethane (Methyl bromide)	mg/kg	1	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Carbon disulfide	mg/kg	400	0.0081 U	4 U	3.6 U	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U	4.3 U	4.2 U	3.7 U
Carbon tetrachloride	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Chlorobenzene	mg/kg	10	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.013	2	6	2.1 U	1.8 U
Chloroethane	mg/kg	8.31	0.0081 U	4 U	3.6 U	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0083	3.9 U	4.3 U	4.2 U	3.7 U
Chloroform (Trichloromethane)	mg/kg	10	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Chloromethane (Methyl chloride)	mg/kg	0.3	0.0081 U	4 U	3.6 U	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U	4.3 U	4.2 U	3.7 U
cis-1,2-Dichloroethene	mg/kg	7	0.004 U	2.2	240	1.8 U	380	7	12	0.0066	0.0041	9.2	50	2.1 U	11
cis-1,3-Dichloropropene	mg/kg	1000	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Cyclohexane	mg/kg	20	0.036	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.034	2 U	15	2.1 U	1.8 U
Dibromochloromethane	mg/kg	10	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	0.0081 U	4 U	3.6 U	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U	4.3 U	4.2 U	3.7 U
Ethylbenzene	mg/kg	70	5.2	15	17	16	930	65	160	0.0095	0.029	13	76	12	74
Isopropyl benzene	mg/kg	21.88	0.025	2 U	1.8 U	1.8 U	16	3.3	7.5	0.0046 U	0.0069	2 U	3.9	2.1 U	3.8
Methyl acetate	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Methyl cyclohexane	mg/kg	0.5	0.16	2 U	7.6	1.8 U	2.8	2.2 U	2.3	0.0046 U	0.71	2 U	65	2.1 U	2.6
Methyl tert butyl ether (MTBE)	mg/kg	0.5	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Methylene chloride	mg/kg	0.5	0.016 U	8 U	7.2 U	7.3 U	9 U	8.8 U	13	0.018 U	0.016 U	7.9 U	8.6 U	8.4 U	7.3 U
Styrene	mg/kg	14	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	120	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Tetrachloroethene	mg/kg	0.5	0.004 U	2 U	2	2.1	2.8	23	110	0.0094	0.0039 U	2 U	9.4	2.1 U	4.6
Toluene	mg/kg	100	3.1	11	140	9.5	1100	72	650	0.031	0.017	15	680	22	220
trans-1,2-Dichloroethene	mg/kg	10	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
trans-1,3-Dichloropropene	mg/kg	2.22	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Trichloroethene	mg/kg	0.5	0.004 U	2 U	320	1.8 U	2.3 U	2.2 U	16	0.0046 U	0.0039 U	2 U	13	2.1 U	3.9
Trichlorofluoromethane (CFC-11)	mg/kg	200	0.004 U	2 U	1.8 U	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U	2.2 U	2.1 U	1.8 U
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	0.0081 U	4 U	3.6 U	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U	4.3 U	4.2 U	8.7
Vinyl chloride	mg/kg	0.2	0.0081 U	4 U	3.6 U	3.7 U	8.6	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U	4.3 U	4.2 U	3.7 U
Xylenes (total)	mg/kg	1000	23	130	78	100	3200	240	810	0.048	0.034	73	330	78	360

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			***B-88***	***B-89***	***B-89***	***B-90***	***B-90***	***B-91***	***B-91***	***B-92***	***B-92***	***B-93***	***B-93***	***B-94***	***B-94***
Sample Name:			***S-012412-DJB-026***	***S-012412-DJB-028***	***S-012412-DJB-029***	***S-012512-DJB-030***	***S-012512-DJB-031***	***S-012512-DJB-032***	***S-012512-DJB-033***	***S-012512-DJB-034***	***S-012512-DJB-035***	***S-012512-DJB-036***	***S-012512-DJB-037***	***S-012512-DJB-038***	***S-012512-DJB-039***
Sample Date:			***1/23/2012***	***1/23/2012***	***1/23/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***
Depth:			***0-2 ft BGS***	***0-2 ft BGS***	***6-8 ft BGS***	***0-2 ft BGS***	***8-10 ft BGS***	***0-2 ft BGS***	***10-12 ft BGS***	***0-2 ft BGS***	***10-12 ft BGS***	***0-2 ft BGS***	***6-8 ft BGS***	***0-2 ft BGS***	***10-12 ft BGS***
Metals															
Arsenic	mg/kg	20	-	-	5.31 U	-	5.87 U	-	5.74 U	-	5.93 U	-	5.62 U	-	5.46 U
Barium	mg/kg	1000	-	-	**33.4**	-	**88.2**	-	**18.9**	-	**37.4**	-	**66.6**	-	**22.2**
Cadmium	mg/kg	3.84	-	-	2.66 U	-	**15.9**	-	2.87 U	-	2.97 U	-	**7.15**	-	2.73 U
Chromium	mg/kg	3066000	-	-	**24.0**	-	**109**	-	**4.95**	-	**13.1**	-	**47.2**	-	**3.66**
Lead	mg/kg	993.1	-	-	**109**	-	**783**	-	**9.03**	-	**39.8**	-	**408**	-	**6.74**
Mercury	mg/kg	0.533	-	-	**0.261**	-	**1.00**	-	0.116 U	-	**0.180**	-	**0.997**	-	0.112 U
Selenium	mg/kg	2.66	-	-	5.31 U	-	5.87 U	-	5.74 U	-	5.93 U	-	5.62 U	-	5.46 U
Silver	mg/kg	4.34	-	-	2.66 U	-	**4.83**	-	2.87 U	-	2.97 U	-	2.81 U	-	2.73 U
PCBs															
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	-	0.037 U	-	0.041 U	-	0.039 U	-	0.04 U	-	0.038 U	-	0.038 U
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	-	0.037 U	-	0.041 U	-	0.039 U	-	0.04 U	-	0.038 U	-	0.038 U
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	-	0.037 U	-	0.041 U	-	0.039 U	-	0.04 U	-	0.038 U	-	0.038 U
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	-	0.037 U	-	**67**	-	0.039 U	-	0.04 U	-	0.038 U	-	0.038 U
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	-	0.037 U	-	0.041 U	-	**0.23 J**	-	0.04 U	-	0.038 U	-	**99**
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	-	**0.69 J**	-	0.041 U	-	**0.34 J**	-	**0.12 J**	-	**2**	-	0.038 U
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	-	**0.19 J**	-	**2.1**	-	0.039 U	-	0.04 U	-	0.038 U	-	0.038 U

Note:

U - Not detected at the associated reporting limit
0.23 J - Detections estimated above associated reporting limits
0.38 - Detection above the reporting limit but below the Type 4 RRS
8.5 (boxed and highlighted yellow) - Detection above the Type 4 RRS

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-95*	*B-95*	*B-97*	*B-98*	*B-98*	*B-99*	*B-99*	*B-100*	*B-100*	*B-101*	*B-101*	*B-102*	*B-102*
Sample Name:			*S-012512-DJB-040*	*S-012512-DJB-041*	*S-012512-DJB-043*	*S-012512-DJB-044*	*S-012512-DJB-045*	*S-012612-DJB-046*	*S-012612-DJB-047*	*S-012612-DJB-048*	*S-012612-DJB-049*	*S-020312-BCW-053*	*S-020312-BCW-054*	*S-020312-BCW-055*	*S-020312-BCW-056*
Sample Date:			*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
Depth:			*0-2 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*6-7.5 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*
Parameters	***Units***	***Type 4 RRS***													
Volatile Organic Compounds															
1,1,1-Trichloroethane	mg/kg	20	**0.042**	**0.0054**	0.0033 U	**0.34**	**6.5**	2 U	**4**	0.0044 U	0.0044 U	**0.26**	**24**	0.0037 U	0.2 U
1,1,2,2-Tetrachloroethane	mg/kg	20	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
1,1,2-Trichloroethane	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
1,1-Dichloroethane	mg/kg	400	**0.033**	**0.022**	0.0033 U	0.2 U	**2.1**	2 U	1.9 U	0.0044 U	0.0044 U	**0.15**	0.31 U	**0.0042**	0.2 U
1,1-Dichloroethene	mg/kg	0.7	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.26 J**	**1**	0.0037 U	0.2 U
1,2,4-Trichlorobenzene	mg/kg	10.83	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.048**	0.31 U	0.0037 U	0.2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
1,2-Dichlorobenzene	mg/kg	60	**0.012**	**0.01**	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.068**	0.31 U	0.0037 U	0.2 U
1,2-Dichloroethane	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
1,2-Dichloropropane	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
1,3-Dichlorobenzene	mg/kg	60	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.0051**	0.31 U	0.0037 U	0.2 U
1,4-Dichlorobenzene	mg/kg	7.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.012**	0.31 U	0.0037 U	0.2 U
1,4-Dioxane	mg/kg	NC	0.11 U	0.11 U	0.1 U	6.1 U	62 U	61 U	58 U	0.13 U	0.13 U	0.13 U	9.4 U	0.11 U	6 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	0.038 U	**0.056**	0.033 U	2 U	21 U	20 U	19 U	0.044 U	0.044 U	0.045 U	3.1 U	0.037 U	2 U
2-Hexanone	mg/kg	200	0.0075 U	**0.0086**	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	mg/kg	200	**0.023**	**0.037**	0.0067 U	0.4 U	**8.1**	4.1 U	3.9 U	**0.01**	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
Acetone	mg/kg	400	0.075 U	0.075 U	0.067 U	4 U	41 U	41 U	39 U	0.089 U	0.089 U	**0.1**	6.3 U	0.075 U	4 U
Benzene	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Bromodichloromethane	mg/kg	10	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Bromoform	mg/kg	10	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Bromomethane (Methyl bromide)	mg/kg	1	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Carbon disulfide	mg/kg	400	0.0075 U	0.0075 U	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
Carbon tetrachloride	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Chlorobenzene	mg/kg	10	**0.0078**	**0.0047**	0.0033 U	0.2 U	2.1 U	2 U	**4**	0.0044 U	0.0044 U	**0.027**	**0.37**	0.0037 U	0.2 U
Chloroethane	mg/kg	8.31	**0.014**	**0.026**	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
Chloroform (Trichloromethane)	mg/kg	10	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Chloromethane (Methyl chloride)	mg/kg	0.3	0.0075 U	0.0075 U	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
cis-1,2-Dichloroethene	mg/kg	7	**0.065**	**0.32**	**0.0035**	**1.6**	**57**	**14**	**12**	**0.029**	**0.011**	**1.2**	**11**	**0.028**	0.2 U
cis-1,3-Dichloropropene	mg/kg	1000	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Cyclohexane	mg/kg	20	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.13**	0.31 U	0.0037 U	0.2 U
Dibromochloromethane	mg/kg	10	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	0.0075 U	0.0075 U	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
Ethylbenzene	mg/kg	70	**0.57**	**0.13**	0.0033 U	0.2 U	**7**	**2.3**	**24**	0.0044 U	0.0044 U	**0.39**	**57**	0.0037 U	**3.1**
Isopropyl benzene	mg/kg	21.88	**0.011**	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.33 J**	**2.6**	0.0037 U	**1.1**
Methyl acetate	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Methyl cyclohexane	mg/kg	0.5	**0.057**	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.57 J**	**3.8**	0.0037 U	**21**
Methyl tert butyl ether (MTBE)	mg/kg	0.5	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Methylene chloride	mg/kg	0.5	0.015 U	0.015 U	0.013 U	0.81 U	8.3 U	8.2 U	7.8 U	0.018 U	0.018 U	0.018 U	1.3 U	0.015 U	0.8 U
Styrene	mg/kg	14	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Tetrachloroethene	mg/kg	0.5	**0.053**	0.0037 U	**0.066**	**4.2**	**25**	**88**	**310**	0.0044 U	0.0044 U	**3.1**	**360**	**0.11**	**0.28**
Toluene	mg/kg	100	**0.91**	**1.3**	0.0033 U	**0.36**	**120**	**56**	**210**	**0.012**	0.0044 U	**8.6 J**	**230**	**0.0047**	0.2 U
trans-1,2-Dichloroethene	mg/kg	10	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.042**	0.31 U	0.0037 U	0.2 U
trans-1,3-Dichloropropene	mg/kg	2.22	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Trichloroethene	mg/kg	0.5	**0.005**	0.0037 U	**0.0085**	**5.5**	**93**	**500**	**1300**	**0.015**	**0.0082**	**0.39**	**35**	**0.02**	0.2 U
Trichlorofluoromethane (CFC-11)	mg/kg	200	0.0038 U	0.0037 U	0.0033 U	0.2 U	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U	0.0037 U	0.2 U
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	**0.044**	0.0075 U	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	**0.23 J**	0.63 U	0.0075 U	0.4 U
Vinyl chloride	mg/kg	0.2	**0.0076**	**0.023**	0.0067 U	0.4 U	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U	0.0075 U	0.4 U
Xylenes (total)	mg/kg	1000	**3.1**	**0.47**	0.0033 U	**0.25**	**39**	**11**	**110**	0.0044 U	0.0044 U	**2.3**	**300**	**0.0075**	**1.5**

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			***B-95***	***B-95***	***B-97***	***B-98***	***B-98***	***B-99***	***B-99***	***B-100***	***B-100***	***B-101***	***B-101***	***B-102***	***B-102***
Sample Name:			***S-012512-DJB-040***	***S-012512-DJB-041***	***S-012512-DJB-043***	***S-012512-DJB-044***	***S-012512-DJB-045***	***S-012612-DJB-046***	***S-012612-DJB-047***	***S-012612-DJB-048***	***S-012612-DJB-049***	***S-020312-BCW-053***	***S-020312-BCW-054***	***S-020312-BCW-055***	***S-020312-BCW-056***
Sample Date:			***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/25/2012***	***1/26/2012***	***1/26/2012***	***1/26/2012***	***1/26/2012***	***2/3/2012***	***2/3/2012***	***2/3/2012***	***2/3/2012***
Depth:			***0-2 ft BGS***	***4-6 ft BGS***	***1-3 ft BGS***	***0-2 ft BGS***	***2-4 ft BGS***	***0-2 ft BGS***	***2-4 ft BGS***	***0-2 ft BGS***	***8-10 ft BGS***	***0-2 ft BGS***	***6-7.5 ft BGS***	***0-2 ft BGS***	***4-6 ft BGS***
Metals															
Arsenic	mg/kg	20	-	5.68 U	4.91 U	-	5.85 U	-	5.74 U	-	6.12 U	-	5.75 U	-	6.44 U
Barium	mg/kg	1000	-	**18.8**	**32.3**	-	**34.7**	-	**31.0**	-	**16.3**	-	**26.9**	-	**44.3**
Cadmium	mg/kg	3.84	-	2.84 U	**3.56**	-	2.93 U	-	2.87 U	-	3.06 U	-	2.88 U	-	3.22 U
Chromium	mg/kg	3066000	-	**5.19**	**2.59**	-	**17.4**	-	**19.7**	-	3.06 U	-	2.88 U	-	**5.35**
Lead	mg/kg	993.1	-	**5.79**	**5.53**	-	**61.6**	-	**128**	-	**24.8**	-	**6.02**	-	**34.8**
Mercury	mg/kg	0.533	-	0.120 U	0.105 U	-	**0.192**	-	**0.162**	-	0.127 U	-	0.120 U	-	0.130 U
Selenium	mg/kg	2.66	-	5.68 U	4.91 U	-	5.85 U	-	5.74 U	-	6.12 U	-	5.75 U	-	6.44 U
Silver	mg/kg	4.34	-	2.84 U	2.46 U	-	2.93 U	-	2.87 U	-	3.06 U	-	2.88 U	-	3.22 U
PCBs															
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	0.04 U	0.035 U	-	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U	-	0.043 U
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	0.04 U	0.035 U	-	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U	-	0.043 U
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	0.04 U	0.035 U	-	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U	-	0.043 U
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	0.04 U	0.035 U	-	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U	-	0.043 U
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	0.04 U	0.035 U	-	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U	-	0.043 U
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	0.04 U	0.035 U	-	**0.23**	-	**0.31**	-	0.043 U	-	**0.14**	-	0.043 U
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	0.04 U	0.035 U	-	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U	-	**0.12**

Note:

U - Not detected at the associated reporting limit
0.23 J - Detections estimated above associated reporting limits
0.38 - Detection above the reporting limit but below the Type 4 RRS
8.5 (boxed and highlighted yellow) - Detection above the Type 4 RRS

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-103*	*B-103*	*B-104*	*B-104*	*B-105*	*B-105*	*B-106*	*B-106*	*B-107*	*B-108*	*B-109*	*B-110*	*B-111*
Sample Name:			*S-020312-BCW-057*	*S-020312-BCW-058*	*S-020312-BCW-059*	*S-020312-BCW-060*	*S-020312-BCW-061*	*S-020312-BCW-062*	*S-020312-BCW-063*	*S-020312-BCW-064*	*S-020312-BCW-065*	*S-020312-BCW-066*	*S-020312-BCW-067*	*S-050912-SAG-003*	*S-050912-SAG-004*
Sample Date:			*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*5/9/2012*	*5/9/2012*
Depth:			*0-2 ft BGS*	*8-11 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*	*1-4 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*2-4 ft BGS*
Parameters	***Units***	***Type 4 RRS***													
Volatile Organic Compounds															
1,1,1-Trichloroethane	mg/kg	20	0.0045 U	0.0046 U	0.0038 U	**0.012**	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	**0.025**	1.9 U
1,1,2,2-Tetrachloroethane	mg/kg	20	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,1,2-Trichloroethane	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,1-Dichloroethane	mg/kg	400	**0.0092**	0.0046 U	0.0038 U	**0.025**	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,1-Dichloroethene	mg/kg	0.7	0.0045 U	0.0046 U	0.0038 U	**0.0049**	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,2,4-Trichlorobenzene	mg/kg	10.83	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,2-Dichlorobenzene	mg/kg	60	0.0045 U	**0.1**	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	**83**	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,2-Dichloroethane	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,2-Dichloropropane	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,3-Dichlorobenzene	mg/kg	60	0.0045 U	**0.0068**	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,4-Dichlorobenzene	mg/kg	7.5	0.0045 U	**0.029**	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
1,4-Dioxane	mg/kg	NC	**0.42**	0.14 U	0.11 U	**0.15**	0.11 U	0.12 U	0.12 U	640 U	0.14 U	0.11 U	0.13 U	0.11 U	57 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	**0.053**	0.046 U	0.038 U	**0.64**	**0.064**	0.042 U	0.039 U	**1000**	0.046 U	0.036 U	0.042 U	0.038 U	19 U
2-Hexanone	mg/kg	200	0.0089 U	0.0092 U	0.0076 U	0.008 U	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	mg/kg	200	**0.052**	0.0092 U	0.0076 U	**0.21**	**0.017**	0.0083 U	0.0078 U	**1100**	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
Acetone	mg/kg	400	0.089 U	0.092 U	0.076 U	**1.2**	**0.34 J**	0.083 U	0.078 U	430 U	**0.12**	0.072 U	**0.096**	0.076 U	38 U
Benzene	mg/kg	0.5	**0.0073**	0.0046 U	0.0038 U	**0.018**	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Bromodichloromethane	mg/kg	10	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Bromoform	mg/kg	10	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Bromomethane (Methyl bromide)	mg/kg	1	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Carbon disulfide	mg/kg	400	0.0089 U	0.0092 U	0.0076 U	0.008 U	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
Carbon tetrachloride	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Chlorobenzene	mg/kg	10	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	**0.012**	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Chloroethane	mg/kg	8.31	0.0089 U	0.0092 U	0.0076 U	0.008 U	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
Chloroform (Trichloromethane)	mg/kg	10	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Chloromethane (Methyl chloride)	mg/kg	0.3	0.0089 U	0.0092 U	0.0076 U	0.008 U	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
cis-1,2-Dichloroethene	mg/kg	7	**1.6**	**0.13**	**0.016**	**3.5**	0.0037 U	0.0042 U	**0.46**	**170**	0.0046 U	0.0036 U	0.0042 U	**0.066**	**16**
cis-1,3-Dichloropropene	mg/kg	1000	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Cyclohexane	mg/kg	20	0.0045 U	**0.1**	0.0038 U	0.004 U	**0.018**	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Dibromochloromethane	mg/kg	10	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	0.0089 U	0.0092 U	0.0076 U	0.008 U	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
Ethylbenzene	mg/kg	70	**0.024**	**2.8**	0.0038 U	**0.02**	0.0037 U	0.0042 U	**0.021**	**290**	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Isopropyl benzene	mg/kg	21.88	0.0045 U	**1.3**	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	**22**	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Methyl acetate	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Methyl cyclohexane	mg/kg	0.5	**0.011**	**4.7**	0.0038 U	**0.015**	**0.045**	**0.0088**	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Methyl tert butyl ether (MTBE)	mg/kg	0.5	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Methylene chloride	mg/kg	0.5	0.018 U	0.018 U	0.015 U	0.016 U	0.015 U	0.017 U	0.016 U	**270**	0.019 U	0.014 U	0.017 U	0.015 U	7.5 U
Styrene	mg/kg	14	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Tetrachloroethene	mg/kg	0.5	**0.013**	**0.018**	**0.045**	0.004 U	0.0037 U	0.0042 U	**0.011**	**830**	0.0046 U	**0.0069**	0.0042 U	**160**	1.9 U
Toluene	mg/kg	100	**0.087**	**0.02**	0.0038 U	**0.9**	**0.0041**	0.0042 U	**2.2**	**2100**	0.0046 U	0.0036 U	0.0042 U	0.0039	**23**
trans-1,2-Dichloroethene	mg/kg	10	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
trans-1,3-Dichloropropene	mg/kg	2.22	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Trichloroethene	mg/kg	0.5	**0.026**	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	**4900**	0.0046 U	0.0036 U	0.0042 U	**0.15**	1.9 U
Trichlorofluoromethane (CFC-11)	mg/kg	200	0.0045 U	0.0046 U	0.0038 U	0.004 U	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U	0.0042 U	0.0038 U	1.9 U
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	0.0089 U	0.0092 U	0.0076 U	0.008 U	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
Vinyl chloride	mg/kg	0.2	**0.03**	0.0092 U	0.0076 U	**0.017**	0.0075 U	0.0083 U	**0.07**	43 U	0.0093 U	0.0072 U	0.0084 U	0.0076 U	3.8 U
Xylenes (total)	mg/kg	1000	**0.11**	**8.4**	**0.0054**	**0.12**	0.0037 U	0.0042 U	**0.15**	**2000**	0.0046 U	0.0036 U	0.0042 U	**0.0051**	**7.5**

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-103*	*B-103*	*B-104*	*B-104*	*B-105*	*B-105*	*B-106*	*B-106*	*B-107*	*B-108*	*B-109*	*B-110*	*B-111*
Sample Name:			*S-020312-BCW-057*	*S-020312-BCW-058*	*S-020312-BCW-059*	*S-020312-BCW-060*	*S-020312-BCW-061*	*S-020312-BCW-062*	*S-020312-BCW-063*	*S-020312-BCW-064*	*S-020312-BCW-065*	*S-020312-BCW-066*	*S-020312-BCW-067*	*S-050912-SAG-003*	*S-050912-SAG-004*
Sample Date:			*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*5/9/2012*	*5/9/2012*
Depth:			*0-2 ft BGS*	*8-11 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*	*1-4 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*1-2 ft BGS*	*2-4 ft BGS*
Metals															
Arsenic	mg/kg	20	-	5.77 U	-	6.02 U	-	5.79 U	-	6.27 U	-	-	-	-	-
Barium	mg/kg	1000	-	**49.8**	-	**22.0**	-	**34.4**	-	**42.9**	-	-	-	-	-
Cadmium	mg/kg	3.84	-	2.89 U	-	3.01 U	-	2.90 U	-	**22.1**	-	-	-	-	-
Chromium	mg/kg	3066000	-	2.89 U	-	3.01 U	-	**9.08**	-	**79.5**	-	-	-	-	-
Lead	mg/kg	993.1	-	**12.8**	-	**8.13**	-	**10.3**	-	**367**	-	-	-	-	-
Mercury	mg/kg	0.533	-	0.115 U	-	0.124 U	-	0.117 U	-	**0.676**	-	-	-	-	-
Selenium	mg/kg	2.66	-	5.77 U	-	6.02 U	-	5.79 U	-	6.27 U	-	-	-	-	-
Silver	mg/kg	4.34	-	2.89 U	-	3.01 U	-	2.90 U	-	3.14 U	-	-	-	-	-
PCBs															
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	0.042 U	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	0.042 U	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	0.042 U	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	**10**	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	0.042 U	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	**8.1**	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	0.039 U	-	0.041 U	-	0.039 U	-	**2.3**	-	-	-	-	-

Note:

U - Not detected at the associated reporting limit
0.23 J - Detections estimated above associated reporting limits
0.38 - Detection above the reporting limit but below the Type 4 RRS
8.5 (boxed and highlighted yellow) - Detection above the Type 4 RRS

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-112*	*B-113*	*B-114*	*B-114*	*B-115*	*B-116*	*B-117*	*B-118*	*B-119*	*sump#1*	*sump#2*	*sump#3*
Sample Name:			*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*	*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*	*S-012612-DJB-050*	*S-012612-DJB-051*	*S-012612-DJB-052*
Sample Date:			*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*
Depth:			*3-4 ft BGS*	*12-14 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS* Duplicate	*12-14 ft BGS*	*12-14 ft BGS*	*8-10 ft BGS*	*14-16 ft BGS*	*4-6 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameters	*Units*	*Type 4 RRS*												
Volatile Organic Compounds														
1,1,1-Trichloroethane	mg/kg	20	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	78	1.7 U	0.0036 U	0.029 J	0.012 U	0.15
1,1,2,2-Tetrachloroethane	mg/kg	20	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,1,2-Trichloroethane	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,1-Dichloroethane	mg/kg	400	0.019	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.077 J	0.012 U	0.024
1,1-Dichloroethene	mg/kg	0.7	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.027
1,2,4-Trichlorobenzene	mg/kg	10.83	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dichlorobenzene	mg/kg	60	0.0036 U	19 U	2.1 U	0.22 U	63	1.5 U	40 U	1.7 U	0.016	0.0084 UJ	0.012 U	0.0075 U
1,2-Dichloroethane	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dichloropropane	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,3-Dichlorobenzene	mg/kg	60	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
1,4-Dichlorobenzene	mg/kg	7.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0047	0.0084 UJ	0.012 U	0.0075 U
1,4-Dioxane	mg/kg	NC	0.11 U	580 U	63 U	6.5 U	1100 U	44 U	1200 U	52 U	0.11 U	0.25 UJ	0.35 U	0.22 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	0.036 U	190 U	21 U	2.2 U	360 U	15 U	400 U	47	0.036 U	1.2 J	0.45	0.075 U
2-Hexanone	mg/kg	200	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.19 J	0.024 U	0.015 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	mg/kg	200	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	9.3	0.0071 U	0.04 J	0.033	0.015 U
Acetone	mg/kg	400	0.071 U	390 U	42 U	4.3 U	720 U	29 U	800 U	35 U	0.071 U	2.7 J	2.9 J	0.41
Benzene	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.021 J	0.025	0.0075 U
Bromodichloromethane	mg/kg	10	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Bromoform	mg/kg	10	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Bromomethane (Methyl bromide)	mg/kg	1	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.12	0.0075 U
Carbon disulfide	mg/kg	400	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.017 UJ	0.024 U	0.015 U
Carbon tetrachloride	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Chlorobenzene	mg/kg	10	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Chloroethane	mg/kg	8.31	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.017 UJ	0.024 U	0.015 U
Chloroform (Trichloromethane)	mg/kg	10	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Chloromethane (Methyl chloride)	mg/kg	0.3	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.017 UJ	0.024 U	0.015 U
cis-1,2-Dichloroethene	mg/kg	7	0.029	57	11	5.6	49	13	40 U	35	0.0036 U	0.092 J	0.012 U	0.43
cis-1,3-Dichloropropene	mg/kg	1000	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Cyclohexane	mg/kg	20	0.0072	20	3 J	0.22 UJ	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Dibromochloromethane	mg/kg	10	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.017 UJ	0.024 U	0.015 U
Ethylbenzene	mg/kg	70	0.0099	20	13 J	0.97 J	46	25	40 U	1.7 U	0.0036 U	0.03 J	0.012 U	0.0075 U
Isopropyl benzene	mg/kg	21.88	0.0036 U	19 U	2.1 U	0.22 U	36 U	6.1	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Methyl acetate	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Methyl cyclohexane	mg/kg	0.5	0.02	49	8.9 J	0.52 J	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.017 J	0.012 U	0.011
Methyl tert butyl ether (MTBE)	mg/kg	0.5	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Methylene chloride	mg/kg	0.5	0.014 U	77 U	8.4 U	0.86 U	140 U	5.8 U	160 U	7 U	0.014 U	0.034 UJ	0.047 U	0.03 U
Styrene	mg/kg	14	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Tetrachloroethene	mg/kg	0.5	0.011	19 U	4.5 J	0.31 J	36 U	1.5 U	200	1.7 U	0.0036 U	0.42	0.048	1.9
Toluene	mg/kg	100	0.017	64	64 J	7.2 J	340	170	140	12	0.0036 U	0.057 J	0.013	0.018
trans-1,2-Dichloroethene	mg/kg	10	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
trans-1,3-Dichloropropene	mg/kg	2.22	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.0075 U
Trichloroethene	mg/kg	0.5	0.0057	440	19 J	2.3 J	36 U	1.5 U	2000	1.7 U	0.0036 U	0.068 J	0.012 U	0.35
Trichlorofluoromethane (CFC-11)	mg/kg	200	0.0036 U	19 U	2.1 U	0.22 U	36 U	1.5 U	40 U	1.7 U	0.0036 U	0.0084 UJ	0.012 U	0.031
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	0.0071 U	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.017 UJ	0.024 U	0.053
Vinyl chloride	mg/kg	0.2	0.011	39 U	4.2 U	0.43 U	72 U	2.9 U	80 U	3.5 U	0.0071 U	0.017 UJ	0.024 U	0.031
Xylenes (total)	mg/kg	1000	0.025	100	71	5	270	130	70	7.6	0.0036 U	0.12 J	0.012 U	0.019

TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASSVILLE, GEORGIA

Location ID:			*B-112*	*B-113*	*B-114*	*B-114*	*B-115*	*B-116*	*B-117*	*B-118*	*B-119*	*sump#1*	*sump#2*	*sump#3*
Sample Name:			*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*	*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*	*S-012612-DJB-050*	*S-012612-DJB-051*	*S-012612-DJB-052*
Sample Date:			*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*
Depth:			*3-4 ft BGS*	*12-14 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS*	*12-14 ft BGS*	*12-14 ft BGS*	*8-10 ft BGS*	*14-16 ft BGS*	*4-6 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Metals														
Arsenic	mg/kg	20	-	-	-	-	-	-	-	-	-	**11.7**	**19.0**	7.28 U
Barium	mg/kg	1000	-	-	-	-	-	-	-	-	-	**1290**	**940**	**1050**
Cadmium	mg/kg	3.84	-	-	-	-	-	-	-	-	-	**7.49**	**18.2**	**27.6**
Chromium	mg/kg	3066000	-	-	-	-	-	-	-	-	-	**187**	**263**	**178**
Lead	mg/kg	993.1	-	-	-	-	-	-	-	-	-	**1160**	**2090**	**3120**
Mercury	mg/kg	0.533	-	-	-	-	-	-	-	-	-	**3.30**	**4.46**	**5.58**
Selenium	mg/kg	2.66	-	-	-	-	-	-	-	-	-	6.92 U	11.3 U	7.28 U
Silver	mg/kg	4.34	-	-	-	-	-	-	-	-	-	3.46 U	5.67 U	3.64 U
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	0.8 U	0.049 U
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	0.8 U	0.049 U
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	0.8 U	0.049 U
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	0.8 U	0.049 U
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	0.8 U	0.049 U
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	0.8 U	0.049 U
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	-	-	-	-	-	-	-	-	0.51 U	**3.1**	**1.6**

Note:

U - Not detected at the associated reporting limit
0.23 J - Detections estimated above associated reporting limits
0.38 - Detection above the reporting limit but below the Type 4 RRS
8.5 (boxed and highlighted yellow) - Detection above the Type 4 RRS

TABLE 2
SOIL SPLP ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC
DOUGLASSVILLE, GEORGIA

Location ID:		*B-75*	*B-77*	*B-81*	*B-84*	*B-85*	*B-86*	*B-88*	*B-90*	*B-92*	*B-93*	*B-95*	*B-96*	*B-98*
Sample Name:		*S-012312-DJB-002*	*S-012312-DJB-006*	*S-012412-DJB-013*	*S-012412-DJB-302*	*S-050912-SAG-006*	*S-012412-DJB-304*	*S-012412-DJB-027*	*S-050912-SAG-010*	*S-012512-DJB-309*	*S-051012-SAG-018*	*S-012512-DJB-312*	*S-012512-DJB-042*	*S-012512-DJB-313*
Sample Date:		*1/22/2012*	*1/23/2012*	*1/24/2012*	*1/24/2012*	*5/9/2012*	*1/24/2012*	*1/23/2012*	*5/9/2012*	*1/25/2012*	*5/10/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
Depth:		*3-5 ft BGS*	*2-4.5 ft BGS*	*4-6 ft BGS*	*14-16 ft BGS*	*10-12 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*14-16 ft BGS*	*6-8 ft BGS*	*12-14 ft BGS*	*5-7 ft BGS*	*12-14 ft BGS*
Parameters	***Units***													
Volatile Organic Compounds - SPLP														
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 UJ	5.0 U	**250**	5.0 U	**1.8 J**	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,1-Dichloroethane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**52**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,1-Dichloroethene	ug/L	5.0 U	5.0 UJ	5.0 U	**13**	5.0 U	5.0 U	5.0 U	**11**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,2-Dibromoethane (Ethylene dibromide)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,2-Dichlorobenzene	ug/L	**6.2**	5.0 UJ	**1.8 J**	**28**	5.0 U	5.0 U	**12**	**1300**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,2-Dichloroethane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**30**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,2-Dichloropropane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**15**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 UJ	5.0 U	**1.2 J**	5.0 U	5.0 U	5.0 U	**82**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 UJ	5.0 U	**6.7**	5.0 U	5.0 U	5.0 U	**180**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
1,4-Dioxane	ug/L	150 U	150 UJ	150 U	150 U	150 U	150 U	150 U	150 U	150 UJ	15000 U	150 UJ	150 U	150 UJ
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	50 U	50 UJ	50 U	**23 J**	**5800**	50 U	50 U	50 U	50 UJ	**7800**	50 UJ	50 U	50 UJ
2-Hexanone	ug/L	10 U	10 UJ	10 U	10 U	**29**	10 U	10 U	10 U	10 UJ	1000 U	10 UJ	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	10 U	10 UJ	10 U	**50**	**2300**	10 U	10 U	**550**	10 UJ	**1500**	**17 J**	10 U	10 UJ
Acetone	ug/L	50 U	50 UJ	**29 J**	**19 J**	**3200**	50 U	50 U	50 U	50 UJ	5000 U	50 UJ	50 U	50 UJ
Benzene	ug/L	5.0 U	5.0 UJ	5.0 U	**73**	5.0 U	5.0 U	5.0 U	**22**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Bromodichloromethane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Bromoform	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Bromomethane (Methyl bromide)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Carbon disulfide	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Carbon tetrachloride	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Chlorobenzene	ug/L	5.0 U	5.0 UJ	5.0 U	**12**	5.0 U	5.0 U	5.0 U	**8.1**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Chloroethane	ug/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	1000 U	10 UJ	10 U	10 UJ
Chloroform (Trichloromethane)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Chloromethane (Methyl chloride)	ug/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	1000 U	10 UJ	10 U	10 UJ
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 UJ	5.0 U	**200**	**13**	**6.2**	5.0 U	**8100**	5.0 UJ	**780**	5.0 UJ	5.0 U	5.0 UJ
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Cyclohexane	ug/L	5.0 U	5.0 UJ	5.0 U	**49**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Dibromochloromethane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Dichlorodifluoromethane (CFC-12)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Ethylbenzene	ug/L	**9.4**	5.0 UJ	**14**	**740**	5.0 U	5.0 U	**38**	**11000**	5.0 UJ	**4100**	5.0 UJ	5.0 U	5.0 UJ
Isopropyl benzene	ug/L	5.0 U	5.0 UJ	**3.3 J**	**65**	5.0 U	5.0 U	**20**	**160**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Methyl acetate	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Methyl cyclohexane	ug/L	**7.8**	5.0 UJ	5.0 U	**130**	5.0 U	5.0 U	**7.4**	**16**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Methyl tert butyl ether (MTBE)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Methylene chloride	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	**22**	5.0 U	**28**	**13 J**	500 U	5.0 UJ	**30**	**44 J**
Styrene	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Tetrachloroethene	ug/L	5.0 U	5.0 UJ	5.0 U	**650**	**14**	**2.2 J**	5.0 U	**150**	5.0 UJ	500 U	5.0 UJ	**6.1**	5.0 UJ
Toluene	ug/L	**6.3**	5.0 UJ	5.0 U	**6300**	**26**	**1.9 J**	5.0 U	**31000**	5.0 UJ	**12000**	**67 J**	5.0 U	**6.3 J**
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**8.8**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Trichloroethene	ug/L	5.0 U	5.0 UJ	5.0 U	**870**	5.0 U	**6.1**	5.0 U	**30**	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Trichlorofluoromethane (CFC-11)	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	500 U	5.0 UJ	5.0 U	5.0 UJ
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	1000 U	10 UJ	10 U	10 UJ
Vinyl chloride	ug/L	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**36**	2.0 UJ	200 U	2.0 UJ	2.0 U	2.0 UJ
Xylenes (total)	ug/L	**43**	5.0 UJ	**81**	**4000**	**14**	**12**	5.0 U	**45000**	5.0 UJ	**18000**	**9.7 J**	**15**	5.0 UJ

TABLE 2
SOIL SPLP ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC
DOUGLASSVILLE, GEORGIA

Location ID:		*B-75*	*B-77*	*B-81*	*B-84*	*B-85*	*B-86*	*B-88*	*B-90*	*B-92*	*B-93*	*B-95*	*B-96*	*B-98*
Sample Name:		*S-012312-DJB-002*	*S-012312-DJB-006*	*S-012412-DJB-013*	*S-012412-DJB-302*	*S-050912-SAG-006*	*S-012412-DJB-304*	*S-012412-DJB-027*	*S-050912-SAG-010*	*S-012512-DJB-309*	*S-051012-SAG-018*	*S-012512-DJB-312*	*S-012512-DJB-042*	*S-012512-DJB-313*
Sample Date:		*1/22/2012*	*1/23/2012*	*1/24/2012*	*1/24/2012*	*5/9/2012*	*1/24/2012*	*1/23/2012*	*5/9/2012*	*1/25/2012*	*5/10/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
Depth:		*3-5 ft BGS*	*2-4.5 ft BGS*	*4-6 ft BGS*	*14-16 ft BGS*	*10-12 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*8-10 ft BGS*	*14-16 ft BGS*	*6-8 ft BGS*	*12-14 ft BGS*	*5-7 ft BGS*	*12-14 ft BGS*
Metals														
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	0.0500 U	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	0.0729	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	0.00500 U	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	0.0100 U	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	0.0100 U	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	0.000200 U	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	0.0200 U	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	0.0100 U	-	-	-
PCBsS														
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-
General chemistry														
Fraction organic carbon (FOC)	%	-	-	-	2.10	3.90	-	-	2.90	-	2.50	-	-	-
pH	s.u.	-	-	-	-	-	-	-	-	-	5.25	-	-	-

U - Not detected at the associated reporting limit
J - Detections estimated above associated reporting limits
6.3 - Detection above the reporting limit

TABLE 2
SOIL SPLP ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC
DOUGLASSVILLE, GEORGIA

Location ID:		*B-99*	*B-101*	*B-102*	*B-103*	*B-106*	*B-110*	*B-111*	*B-112*	*B-113*	*B-114*	*B-114*	*B-115*
Sample Name:		*S-050912-SAG-013*	*S-050912-SAG-001*	*S-020312-BCW-056*	*S-020312-BCW-058*	*S-051012-SAG-019*	*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*	*S-051012-SAG-016*
Sample Date:		*5/9/2012*	*5/9/2012*	*2/3/2012*	*2/3/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*
Depth:		*2-4 ft BGS*	*6-7.5 ft BGS*	*4-6 ft BGS*	*8-11 ft BGS*	*10-12 ft BGS*	*1-2 ft BGS*	*2-4 ft BGS*	*3-4 ft BGS*	*12-14 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS Duplicate*	*12-14 ft BGS*
Parameters	***Units***												
Volatile Organic Compounds - SPLP													
1,1,1-Trichloroethane	ug/L	**13**	**78 J**	5.0 UJ	5.0 UJ	500 U	**280**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	**7.6**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	**10.0**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	5.0 U	**44 J**	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,2-Dichlorobenzene	ug/L	5.0 U	**23 J**	5.0 UJ	**6.7 J**	500 U	5.0 U	5.0 U	5.0 U	**5.1**	5.0 U	5.0 U	**1200**
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
1,4-Dioxane	ug/L	150 U	150 U	150 UJ	150 UJ	15000 U	150 U	150 U	150 U	150 U	150 U	150 U	7500 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	**65**	50 U	50 UJ	50 UJ	**180000**	**120**	50 U	50 U	50 U	50 U	50 U	2500 U
2-Hexanone	ug/L	10 U	10 U	10 UJ	10 UJ	1000 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	**270**	10 U	10 UJ	10 UJ	**210000**	**170**	**39**	10 U	**14**	**12**	10 U	500 U
Acetone	ug/L	50 U	50 U	50 UJ	50 UJ	**19000**	**100**	50 U	50 U	50 U	50 U	50 U	2500 U
Benzene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Bromomethane (Methyl bromide)	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Carbon disulfide	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.1**	250 U
Carbon tetrachloride	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Chlorobenzene	ug/L	**49**	**8.6 J**	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Chloroethane	ug/L	10 U	10 U	10 UJ	10 UJ	1000 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U
Chloroform (Trichloromethane)	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Chloromethane (Methyl chloride)	ug/L	10 U	10 U	10 UJ	10 UJ	1000 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U
cis-1,2-Dichloroethene	ug/L	**77**	**16 J**	5.0 UJ	5.0 UJ	**5000**	**160**	**7.7**	5.0 U	**25**	5.0 U	5.0 U	250 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Cyclohexane	ug/L	5.0 U	5.0 U	**7.0 J**	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	**7.6**	5.0 U	5.0 U	250 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Dichlorodifluoromethane (CFC-12)	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Ethylbenzene	ug/L	**290**	**1000**	**9.5 J**	**14 J**	**3100**	**290**	**14**	5.0 U	**90**	**5.5 J**	**88 J**	**610**
Isopropyl benzene	ug/L	**5.7**	**95 J**	5.0 UJ	**9.5 J**	500 U	**17**	5.0 U	5.0 U	**20**	5.0 U	**9.0**	250 U
Methyl acetate	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Methyl cyclohexane	ug/L	5.0 U	**6.8 J**	**28 J**	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	**22**	5.0 UJ	**13 J**	250 U
Methyl tert butyl ether (MTBE)	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Methylene chloride	ug/L	5.0 U	**77 J**	**12 J**	5.0 UJ	**40000**	**20**	5.0 U	5.0 U	5.0 U	5.0 UJ	**43 J**	250 U
Styrene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Tetrachloroethene	ug/L	**3000**	**4200**	5.0 UJ	5.0 UJ	**6900**	**56000**	**7.0**	5.0 U	**50**	**48 J**	**93 J**	250 U
Toluene	ug/L	**2800**	**3800**	5.0 UJ	5.0 UJ	**53000**	**650**	**67**	5.0 U	**160**	**25 J**	**140 J**	**3200**
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Trichloroethene	ug/L	**15000**	**71**	5.0 UJ	5.0 UJ	**47000**	**1400**	5.0 U	5.0 U	**520**	5.0 UJ	**13 J**	250 U
Trichlorofluoromethane (CFC-11)	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 UJ	10 UJ	1000 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U
Vinyl chloride	ug/L	2.0 U	2.0 U	2.0 UJ	2.0 UJ	**280**	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	100 U
Xylenes (total)	ug/L	**1100**	**6100**	**9.8 J**	**53 J**	**24000**	**1700**	**91**	5.0 U	**590**	**30 J**	**540 J**	**4300**

TABLE 2
SOIL SPLP ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC
DOUGLASSVILLE, GEORGIA

Location ID:		*B-99*	*B-101*	*B-102*	*B-103*	*B-106*	*B-110*	*B-111*	*B-112*	*B-113*	*B-114*	*B-114*	*B-115*
Sample Name:		*S-050912-SAG-013*	*S-050912-SAG-001*	*S-020312-BCW-056*	*S-020312-BCW-058*	*S-051012-SAG-019*	*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*	*S-051012-SAG-016*
Sample Date:		*5/9/2012*	*5/9/2012*	*2/3/2012*	*2/3/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*
Depth:		*2-4 ft BGS*	*6-7.5 ft BGS*	*4-6 ft BGS*	*8-11 ft BGS*	*10-12 ft BGS*	*1-2 ft BGS*	*2-4 ft BGS*	*3-4 ft BGS*	*12-14 ft BGS*	*14-16 ft BGS*	*14-16 ft BGS Duplicate*	*12-14 ft BGS*
Metals													
Arsenic	mg/L	-	-	-	-	0.0500 U	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	**0.118**	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	**0.0303**	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	0.0100 U	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	0.0100 U	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	0.000200 U	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	0.0200 U	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	0.0100 U	-	-	-	-	-	-	-
PCBsS													
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-	5.0 U	-	-	-	-	-	-	-
General chemistry													
Fraction organic carbon (FOC)	%	2.60	4.90	-	-	37.4	4.20	2.80	1.20	4.60	3.90	3.70	4.30
pH	s.u.	-	-	-	-	5.27	-	-	-	-	-	-	-

U - Not detected at the associated reporting limit
J - Detections estimated above associated reporting limits
6.3 - Detection above the reporting limit

TABLE 2
SOIL SPLP ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC
DOUGLASSVILLE, GEORGIA

Location ID:		*B-116*	*B-117*	*B-118*	*B-119*
Sample Name:		*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*
Sample Date:		*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*
Depth:		*12-14 ft BGS*	*8-10 ft BGS*	*14-16 ft BGS*	*4-6 ft BGS*
Parameters	***Units***				
Volatile Organic Compounds - SPLP					
1,1,1-Trichloroethane	ug/L	250 U	50 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	250 U	50 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	250 U	50 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	250 U	50 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	250 U	50 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	250 U	50 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	250 U	50 U	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	250 U	50 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	250 U	50 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	250 U	50 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	250 U	50 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	250 U	50 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	250 U	50 U	5.0 U	5.0 U
1,4-Dioxane	ug/L	7500 U	1500 U	150 U	150 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2500 U	500 U	**1100**	50 U
2-Hexanone	ug/L	500 U	100 U	**24**	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	500 U	100 U	**240**	10 U
Acetone	ug/L	2500 U	500 U	**240**	50 U
Benzene	ug/L	250 U	50 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	250 U	50 U	5.0 U	5.0 U
Bromoform	ug/L	250 U	50 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	250 U	50 U	5.0 U	5.0 U
Carbon disulfide	ug/L	250 U	50 U	5.0 U	5.0 U
Carbon tetrachloride	ug/L	250 U	50 U	5.0 U	5.0 U
Chlorobenzene	ug/L	250 U	50 U	5.0 U	5.0 U
Chloroethane	ug/L	500 U	100 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	250 U	50 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	500 U	100 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	250 U	50 U	**27**	5.0 U
cis-1,3-Dichloropropene	ug/L	250 U	50 U	5.0 U	5.0 U
Cyclohexane	ug/L	250 U	50 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	250 U	50 U	5.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	250 U	50 U	5.0 U	5.0 U
Ethylbenzene	ug/L	**1100**	50 U	5.0 U	**17**
Isopropyl benzene	ug/L	250 U	50 U	5.0 U	5.0 U
Methyl acetate	ug/L	250 U	50 U	5.0 U	5.0 U
Methyl cyclohexane	ug/L	250 U	50 U	5.0 U	5.0 U
Methyl tert butyl ether (MTBE)	ug/L	250 U	50 U	5.0 U	5.0 U
Methylene chloride	ug/L	250 U	**62**	**6.9**	**5.9**
Styrene	ug/L	250 U	50 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	250 U	**730**	**1400**	5.0 U
Toluene	ug/L	**4900**	**450**	**12**	**110**
trans-1,2-Dichloroethene	ug/L	250 U	50 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	250 U	50 U	5.0 U	5.0 U
Trichloroethene	ug/L	250 U	**2200**	5.0 U	5.0 U
Trichlorofluoromethane (CFC-11)	ug/L	250 U	50 U	5.0 U	5.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	500 U	100 U	10 U	10 U
Vinyl chloride	ug/L	100 U	20 U	2.0 U	2.0 U
Xylenes (total)	ug/L	**5200**	**200**	**18**	**98**

TABLE 2
SOIL SPLP ANALYTICAL RESULTS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC
DOUGLASSVILLE, GEORGIA

Location ID:		***B-116***	***B-117***	***B-118***	***B-119***
Sample Name:		***S-051012-SAG-017***	***S-051012-SAG-014***	***S-050912-SAG-012***	***S-051012-SAG-015***
Sample Date:		***5/10/2012***	***5/10/2012***	***5/9/2012***	***5/10/2012***
Depth:		***12-14 ft BGS***	***8-10 ft BGS***	***14-16 ft BGS***	***4-6 ft BGS***
Metals					
Arsenic	mg/L	-	-	-	-
Barium	mg/L	-	-	-	-
Cadmium	mg/L	-	-	-	-
Chromium	mg/L	-	-	-	-
Lead	mg/L	-	-	-	-
Mercury	mg/L	-	-	-	-
Selenium	mg/L	-	-	-	-
Silver	mg/L	-	-	-	-
PCBsS					
Aroclor-1016 (PCB-1016)	ug/L	-	-	-	-
Aroclor-1221 (PCB-1221)	ug/L	-	-	-	-
Aroclor-1232 (PCB-1232)	ug/L	-	-	-	-
Aroclor-1242 (PCB-1242)	ug/L	-	-	-	-
Aroclor-1248 (PCB-1248)	ug/L	-	-	-	-
Aroclor-1254 (PCB-1254)	ug/L	-	-	-	-
Aroclor-1260 (PCB-1260)	ug/L	-	-	-	-
General chemistry					
Fraction organic carbon (FOC)	%	2.00	0.900	3.70	6.00
pH	s.u.	-	-	-	-

U - Not detected at the associated reporting limit
J - Detections estimated above associated reporting limits
6.3 - Detection above the reporting limit

TABLE 3

SUMMARY OF DOWNGRADIENT GROUNDWATER RESULTS
MAY-JUNE 2011 CRA SAMPLING EVENT
ARIVEC CHEMICALS SITE
DOUGLASVILLE, GEORGIA

Sample Location:				*AW-2*	*MW-2B*	*MW-CRA-5B*	*MW-CRA-5S*	*MW-9B*	*MW-9R*	*MW-9R*	*MW-CRA-9S*
Sample ID:		Type 1	Type 4	*GW-060311-DJB-116*	*GW-052511-BAH-001*	*GW-060111-DJB-108*	*GW-060111-DJB-109*	*GW-052711-DJB-105*	*GW-052511-BAH-003*	*GW-052511-BAH-004*	*GW-052511-BAH-002*
Sample Date:		RRS	RRS	*6/3/2011*	*5/25/2011*	*6/1/2011*	*6/1/2011*	*5/27/2011*	*5/25/2011*	*5/25/2011*	*5/25/2011*
Sample Area:		CRITERIA		*Bedrock Well*	*Bedrock Well*	*Bedrock Well*	*Overburden Well*	*Bedrock Well*	*Overburden Well*	*Overburden Well*	*Overburden Well*
	Units	a	b								
Volatile Organic Compounds											
1,1,1-Trichloroethane	ug/L	200	13600	88	5.0 U	7.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	200	200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5	46.4	5.0 U	5.0 U	**9.3[a]**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	4000	4000	130	150	440	110	13	76	76	5.0 U
1,1-Dichloroethene	ug/L	7	524	49	32	**130[a]**	**47[a]**	6.7	31	31	5.0 U
1,2,4-Trichlorobenzene	ug/L	70	70	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.2	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	5	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	600	600	5.0 U	5.0 U	12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5	5	5.0 U	**5.6[ab]**	**12[ab]**	5.0 U	5.0 U	**6.9[ab]**	**6.7[ab]**	5.0 U
1,2-Dichloropropane	ug/L	5	7.41	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	600	600	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	75	75	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dioxane	ug/L	NV	NV	150 U	150 U	**550[b]**	150 U	150 U	150 U	150 U	150 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	2000	11800	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone	ug/L	2000	2000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	2000	4230	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	4000	45600	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Benzene	ug/L	5	8.72	**32[ab]**	**52[ab]**	**77[ab]**	**7.3[a]**	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	100	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	100	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	10	13.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	ug/L	4000	4000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	ug/L	5	102	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	ug/L	100	136	8.6	5.0 U	26	5.2	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	10	29200	10 U	10 U	**21[a]**	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	100	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	3	263	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	70	204	**8800[ab]**	**5200[ab]**	**9900[a]**	**2200[a]**	200	**410[a]**	**420[a]**	5.0 U
cis-1,3-Dichloropropene	ug/L	5	11.9	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5	17500	5.0 U	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	100	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	1000	20400	10 U	10 U	17	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	700	700	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropyl benzene	ug/L	5	1050	7.2	5.0 U	**8.2[a]**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl acetate	ug/L	5	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl cyclohexane	ug/L	5	5	5.0 U	**6.6**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert butyl ether (MTBE)	ug/L	5	263	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	5	119	5.0 U	5.0 U	**53[a]**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	100	2560	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5	5	5.0 U	5.0 U	**53[a]**	**15[a]**	5.0 U	**12[ab]**	**13[ab]**	5.0 U
Toluene	ug/L	1000	5240	1700	5.0 U	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	100	161	39	9.9	33	6.3	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5	11.9	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5	37.7	5.0 U	16	**280[a]**	**140[a]**	5.3	7.9	7.7	5.0 U
Trichlorofluoromethane (CFC-11)	ug/L	2000	2000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	1000000	1000000	330	10 U	540	150	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	2	3.27	**1600[ab]**	**1700[ab]**	**770[a]**	**90[a]**	2.4	**16[ab]**	**16[ab]**	2.0 U
Xylenes (total)	ug/L	10000	10000	400	5.0 U	62	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:

Wells MW-CRA-4S, 5B, 5S, 7S, 8B and B-34 are compared to Type 1 RRS only (a)
The Remainder of the Wells are compared to Type 4 RRS (b)
Exceedance of RRS is noted in red and bold with letter
NV- No Value
J - Estimated, below Quantitation Limits
5.0 U - Below assocaited reporting limit
ug/L - Micrograms per Liter

Table 4
WATER WELL SURVEY - LIST OF PROPERTIES
ARIVEC SITE (7962 HUEY ROAD)
DOUGLASVILLE, GEORGIA

Address	Owner	Phone Number	Well Survey Responses	
			Have a well?	Use well?
1544 Huey Road	Huey McIntosh [2]	770-942-2496	Yes	No
1528 Huey Road	Lynn A. Clure	678-838-1366	No	No
1506 Huey Road	RBC Bank (USA) (James A Abercrombie)	-	No Response	No Response
1480 Huey Road	James S. Abercrombie, Estate [2]	770-942-4831	Yes	No
1531 Huey Road	Bobby Fuller	678-653-9200	No	No
1431 Huey Road	Gary Ray & Judy Shead [1]	-	Sampled in July 2011	
1467 Huey Road	Betty Bragg & Howard Dickinson	-	No	No
1433 Huey Road	Federal National Mortgage Association	-	No Response	No Response
1450 Huey Road	Margaret Ward	770-949-8567	No	No
1312 Pirkle Road	Roy Moore [1]	770-920-9638	Sampled in July 2011	
1330 Pirkle Road	RYoung, LLC (new tenant)	-	No Response	No Response
1332 Pirkle Road	Horquida L. Rodriguez	-	No Mailbox	No Mailbox
1334 Pirkle Road	David & Jamie Clayton (private driveway)	-	No Response	No Response
1372 Pirkle Road	Teak Properties, LLC	-	No Response	No Response
North of 1372 Pirkle	Sarah E. Bragg, Estate	-	No Mailbox	No Mailbox
North of 1372 Pirkle	Robert E. Albertson	-	No Mailbox	No Mailbox
4930 Wynford Lane	Tarja &William King	-	No	No

Notes:
[1] The two wells were sampled on July 18, 2011 and results reported to EPD on August 11, 2011.
[2] Two additional water wells were located during the survey.

APPENDICES

INTERIM PROGRESS REPORT

ARIVEC CHEMICALS PROPERTY
(HSI NO. 10123)
DOUGLASVILLE, GEORGIA

Prepared by:
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NOVEMBER 19, 2012
REF. NO. 017345 (35)

APPENDICES

APPENDIX A

STRATIGRAPHIC AND INSTRUMENTATION LOGS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-75
DATE COMPLETED: January 23, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	GP-GRAVEL (FILL), moist	0.80		0-2' -001				22.6
	SM-SILT (FILL), and sand, dense, gray, brown, tan, moist	1.70		1DP		95		
2	SM-SILT (native), and sand, dense, tan gray, moist	2.40	BACKFILLED WITH BENTONITE					
4	SM-SAND (native), and silt, dense, light gray and black, moist, saprolite			3-5' -002				458
6	END OF BOREHOLE @ 5.7ft BGS	5.70		2DP		71		
	NOTE:							
8	SAMPLE INTERVAL 3-5' RUN FOR SPLP							
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-76
DATE COMPLETED: January 23, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GP-GRAVEL (FILL), dense			0-2' -003				47.2
	SM-SAND (FILL), and silt, dense, tan	0.80		1DP		95		7.1
2	SM-SAND (native), and silt, dense, low moisture	2.30						
4			BACKFILLED WITH BENTONITE					2.9
6	SAPROLITE	6.30		2DP		100		248
8								
10	- REFUSAL at 10.0ft BGS	10.00		3DP 8-10' -004		100		789
	END OF BOREHOLE @ 10.0ft BGS							
12	NOTE:							
	SAMPLE INTERVAL 8-10' RUN FOR SPLP							
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-77
DATE COMPLETED: January 23, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	GP-GRAVEL (FILL), with sand and silt, dense, moist			0-2' -005				35.2
2				1DP		75		
	SM-SAND (native), and silt, dense, very moist	2.50	BACKFILLED WITH BENTONITE	2-4.5' -006				18.6
4	- REFUSAL at 4.7ft BGS	4.70		2DP				
	END OF BOREHOLE @ 4.7ft BGS							
6	NOTE:							
	SAMPLE INTERVAL 2-4.5' RUN FOR SPLP							
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-78
DATE COMPLETED: January 23, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), and sand, dense, dark brown to black			0-2' -007				26.0
2				1DP		80		
3								38.8
3.40	SM-SAND (native), and silt, dense, tan and gray, very moist, saprolite		BACKFILLED WITH BENTONITE					
6				2DP		100		229
6				6-8' -008				280
7.90	- REFUSAL at 7.9ft BGS							
8	END OF BOREHOLE @ 7.9ft BGS							
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-79
DATE COMPLETED: January 23, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GP-GRAVEL (FILL), with sand and silt	0.70	BACKFILLED WITH BENTONITE	1DP-009		100		7.9
2	SM-SAND (native), and silt, dense, low moisture - REFUSAL at 2.0ft BGS	2.00						
	END OF BOREHOLE @ 2.0ft BGS							
4								
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (1DP-009)

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-80
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	SM-SAND (FILL), and silt dense, tan, moist	0.70	BACKFILLED WITH BENTONITE	0-2' -010				3.2
2	SM-SAND (native)			1DP		80		
4	- saprolite at 3.0ft BGS							
6				2DP 4.5-6.5' -011		100		3.0
8	- REFUSAL at 7.0ft BGS	7.00						
10	END OF BOREHOLE @ 7.0ft BGS							
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-81
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GP-GRAVEL (FILL), and sand, saturated	0.50		0-2' -012				1.5
2	SM-SAND (FILL), and silt, dense, dark brown, moist, staining			1DP		75		16.2
4				4-6' -013				128
6			BACKFILLED WITH BENTONITE	2DP		95		19.4
8	SM-SAND (native), and silt, dense, low moisture	6.70						
10				3DP		97		12.1
12	END OF BOREHOLE @ 11.1ft BGS	11.10						
	NOTE:							
14	SAMPLE INTERVAL 4-6' RUN FOR SPLP							
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-82
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	GP-GRAVEL (FILL), saturated	0.50		-014				1231
	SM-SILT (FILL), and sand, dense, gray, moist, odor	1.80		1DP		90		
2	SM-SAND (native), and silt ,dense, white and tan, moist		BACKFILLED WITH BENTONITE	2-4' -015				98
4	- REFUSAL at 4.0ft BGS	4.00						
	END OF BOREHOLE @ 4.0ft BGS							
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-83
DATE COMPLETED: January 23, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SP-SAND (FILL), and silt, loose, tan, saturated			0-2' -016				1.3
2				1DP				2.9
4								64.0
5.30	ML-SILT (native), and sand, dense, gray, tan, very moist	5.30	BACKFILLED WITH BENTONITE	2DP				990
8								2904
10				3DP				
12	- saturated at 13.0ft BGS			10-12' -017				3522
14				4DP				1753
16	END OF BOREHOLE @ 16.0ft BGS	16.00						3244
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-84
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), soft, moist			0-2' -018				23.0
2				1DP		55		
4								12.6
6				2DP				
8	CL-CLAY (native), some silt, soft, red brown, saturated	7.20	BACKFILLED WITH BENTONITE					268
	SM-SAND (native), and silt, dense, tan and gray, very moist	8.30						724
10				3DP				
	SM-SAND (native), white and gray, saprolite	10.70		10-12' -019				2333
12								1963
14				4DP				
	- REFUSAL at 15.8ft BGS	15.80		14-16' -302				1742
16	END OF BOREHOLE @ 15.8ft BGS							
	NOTE:							
18	SAMPLE INTERVAL 14-16' RUN FOR SPLP							
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-85
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), trace sand, soft, brown, very moist			0-2' -020				2434
2				1DP		55		
4	- wood debris at 4.8ft BGS							
6				2DP		15		
8								9999
10			BACKFILLED WITH BENTONITE	3DP		75		
	SM-SAND (native), and silt, dense, tan, gray, pink, moist	11.10		10-12' -021				9999
12								9999
14	- saprolite, white and black at 15.2ft BGS			4DP		100		3848
16	- saturated at 16.5ft BGS							2733
18				5DP		100		2446
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
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24								
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28								
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-86
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	SM-SAND (FILL), and silt, dense			0-2' -022				5.3
2				1DP		83		
								97.7
4	SM-SAND (native), and silt, dense, white and black, low moisture, saprolite	3.50						
	SM-SILT (native), and sand, dense, red brown and tan, moist	4.70		4-6' -023				1324
6			BACKFILLED WITH BENTONITE	2DP		100		
								197.6
8	- saprolite, black and white at 8.3ft BGS							
								76.5
10				3DP		98		
				10-12' -304				78.2
12	- REFUSAL at 11.9ft BGS	11.90						
	END OF BOREHOLE @ 11.9ft BGS							
14	NOTE:							
	SAMPLE INTERVAL 10-12' RUN FOR SPLP							
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-87
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), trace sand, soft, brown, very moist			0-2' -024				35.3
2				1DP		45		
4								
6				2DP		55		10.7
	ML-SILT (native), and sand, stiff, red brown, very moist	6.60						
8			BACKFILLED WITH BENTONITE	8-10' -025				13.9
10	ML-SILT, saturated	10.00		3DP		100		76.8
12								85.6
14	SM-SAND, dense, white and black, saturated, saprolite	13.90		4DP		100		247
16	END OF BOREHOLE @ 16.1ft BGS	16.10						
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-88
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM-SAND (FILL), and silt, dense, gray, very moist			0-2' -026				785
2	CL-CLAY (native), trace sand, soft, gray, very moist	2.20	BACKFILLED WITH BENTONITE	1DP		93		
4	END OF BOREHOLE @ 4.0ft BGS	4.00		2-4' -027				363
6	NOTE: SAMPLE INTERVAL 2-4' RUN FOR SPLP							
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2' -026, 2-4' -027)

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-89
DATE COMPLETED: January 24, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM/ML-SAND/SILT (FILL), brown and gray			0-2' -028				137
2				1DP		55		
4	- saturated at 4.0ft BGS							334
6				2DP		78		
8			BACKFILLED WITH BENTONITE	6-8' -029				430
10		10.30		3DP				184
12	ML-SILT (native), trace sand, dense, tan, red, brown, saturated							212
14				4DP				161
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-90
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM-SILT (FILL), and sand, dense, brown, moist			0-2' -030				208
2	CL-CLAY (FILL), some sand, soft, gray brown, saturated, odor	2.20		1DP		88		876
4	- staining, strong odor at 4.0ft BGS							
6			BACKFILLED WITH BENTONITE	2DP		58		2177
8								
10				8-10' -031				3824
				3DP		78		
12	- wood debris at 11.7ft BGS - wood debris at 12.5ft BGS							592
14	SM-SAND (native), and silt, dense, tan and gray, saturated	13.90		4DP		100		1825
16	END OF BOREHOLE @ 16.0ft BGS	16.00						1930
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2' -030)

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-91
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), some sand, stiff, brown, moist			0-2' -032				1257
2				1DP		63		
4	- saturated at 4.0ft BGS							
6				2DP		50		1031
8	ML-SILT (native), and sand, stiff, tan, very moist, odor	8.00	BACKFILLED WITH BENTONITE					
10				3DP		100		2326
12				10-12' -033				3741
14	- saturated at 13.5ft BGS			4DP		100		414
16	END OF BOREHOLE @ 16.0ft BGS	16.00						2181
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-92
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), and sand, stiff, light brown			0-2' -034				10.1
2				1DP		80		
								9.2
4	- no sand, very soft, very moist at 4.0ft BGS	4.00						
	ML-SILT (FILL), and sand, soft, dark gray, saturated							5.8
6				2DP		75		
								9.2
8			BACKFILLED WITH BENTONITE					
10				3DP		78		
				10-12' -035				10.4
12								9.7
								3.2
14	- quartz gravel at 13.7ft BGS	13.80		4DP				
	ML-SILT (native), and sand, tan gray - saturated at 14.2ft BGS			14-16' -309				40
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	NOTE: SAMPLE INTERVAL 14-16' RUN FOR SPLP							
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-93
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), and sand, stiff, brown/gray, moist			0-2' -036				125
2				1DP		90		
4								689
6				2DP		88		414
	ML-SILT (FILL), black, saturated	6.50		6-8' -037				2644
8	ML-SILT (native), and sand, stiff, tan, very moist	8.00	BACKFILLED WITH BENTONITE					
10	- product oozing out of soil, odor at 8.0ft BGS			3DP		100		1525
				10-12' -310				1207
12	ML-SILT (native), grading to SM-SAND, dense, tan, saturated	12.00						401
14				4DP		100		
								687
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-94
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM-SAND (FILL), and silt, dense, brown, moist			0-2' -038				343
2				1DP		70		
4	- saturated at 4.0ft BGS							2329
6				2DP		45		3065
8	SM/ML-SAND/SILT (FILL), saturated	8.00	BACKFILLED WITH BENTONITE					
10	SM-SAND (native), and silt, tan, saturated	9.80		3DP				8348
12				10-12' -039				9999
14				4DP				2614
16	SAPROLITE	14.50						999
18	END OF BOREHOLE @ 16.0ft BGS	16.00						
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-95
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), some sand, dense, tan			0-2' -040				87
2				1DP		68		
	ML-SILT (FILL), dark gray, saturated	3.00						135
4	ML-SILT (FILL), gray and tan, saturated	4.00						
								122
6				2DP		100		
				6-8' -041				117
8	SM-SAND (native), and silt, dense, tan, saturated	8.00	BACKFILLED WITH BENTONITE					
								110
10				3DP		100		
								33.5
12								
				12-14' -312				119
14	- saprolite at 13.8ft BGS			4DP				
								55.0
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	NOTE:							
	SAMPLE INTERVAL 12-14' RUN FOR SPLP							
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-96
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ML-SILT (FILL), soft, black, saturated							
2	SM-SAND (native), and silt, dense, tan and gray, very moist	2.00	BACKFILLED WITH BENTONITE	1DP		75		81.0
4								
6				2DP 5-7' -042				920
8	- REFUSAL at 7.5ft BGS	7.50						
10	END OF BOREHOLE @ 7.5ft BGS NOTE: SAMPLE INTERVAL 5-7' RUN FOR SPLP							
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (⬭)

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-97
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE SLAB	0.20						
	SM-SAND (FILL)	1.00	BACKFILLED WITH BENTONITE	1DP 0.5-2.5' -043		75		4.3
2	SM-SAND (native), and silt, dense, low moisture							
	- REFUSAL at 3.0ft BGS	3.00						
4	END OF BOREHOLE @ 3.0ft BGS							
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-98
DATE COMPLETED: January 25, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), and sand, dense, brown, very moist			0-2' -044				221
2				1DP		78		
				2-4' -045				3846
4	- gray, saturated at 4.0ft BGS							1649
6				2DP		80		
		7.20						635
8	SC-SAND (FILL), and silt, soft, dark gray, saturated	8.00	BACKFILLED WITH BENTONITE					
	SC-SAND (FILL), and silt, loose, soft, saturated							157
10				3DP				
								78
12	ML-SILT (native), soft, tan gray, mottled	11.60						
				12-14' -313				124
14				4DP				
		14.80						149
16	SM-SAND, saprolite - REFUSAL at 16.0ft BGS	16.00						
	END OF BOREHOLE @ 16.0ft BGS							
18	NOTE:							
	SAMPLE INTERVAL 12-14' RUN FOR SPLP							
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-99
DATE COMPLETED: January 26, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ML-SILT (FILL), trace sand, loose, brown, very moist			0-2' -046				9999
2				1DP		75		
				2-4' -047				3269
4	- saturated at 4.8ft BGS							54
6	SC-SAND (FILL), and silt, loose, saturated	6.20		2DP		95		320
8	ML-SILT (FILL), and sand, soft, tan, saturated	8.60	BACKFILLED WITH BENTONITE					11.5
10				3DP		100		172
12	- rock at 11.8ft BGS	12.10						301
	SC-SAND (native), and silt, dense, very moist, saprolite			4DP		98		
14								49.8
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
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20								
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ⬭

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-100
DATE COMPLETED: January 26, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: D. BRYTOWSKI

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	TOPSOIL	0.40		0-2' -048				1.1
	ML-SILT (FILL), and sand, loose, dark brown, moist			1DP		88		0.4
2	CL-CLAY (native), and silt, moderately stiff, red brown, moist	2.30						
4								1.9
6				2DP				1.2
8		8.50						
10	SM-SAND (native), and silt, dense, tan, orange brown, moist		BACKFILLED WITH BENTONITE	3DP 9-11' -049				3.5
12	- saturated at 12.8ft BGS							2.2
14	- saprolite at 14.2ft BGS			4DP				8.5
16								93.6
18				5DP		100		72.3
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
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24								
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30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-101
DATE COMPLETED: February 3, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	1.00	BACKFILLED WITH BENTONITE	0-2' -053				
	VOID	1.50						
2	CL-CLAY (FILL), soft, red/brown, moist, no odor			1DP		20		7.1
4	- moist, mild odor at 4.0ft BGS							
	GP-GRAVEL, dry	5.00		2DP		100		9999
6	INTERMIXING SAPROLITE AND CLAY LAYERS, very hard, bands of brown, tan, light brown, mild odor	5.50		3DP 6.5-7.5' -054		100		9999
8	- REFUSAL - PULVERIZED ROCK at 7.5ft BGS	7.50						
	END OF BOREHOLE @ 7.5ft BGS							
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-102
DATE COMPLETED: February 3, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	1.00		1DP 0-2' -055				
	VOID	1.50						
2	CL-SANDY CLAY (FILL), soft, red, moist, very faint odor			2DP				
4	- strong odor at 4.0ft BGS		BACKFILLED WITH BENTONITE	3DP 4-6' -056		50		1150
6	- organic layer (roots, wood), saturated at 6.0ft BGS	6.00		4DP		50		394
	BEDROCK, weathered, pulverized, tan, some mica flakes, strong odor							
8	- REFUSAL at 8.0ft BGS	8.00						
	END OF BOREHOLE @ 8.0ft BGS							
10	NOTE:							
12	SAMPLE INTERVAL 4-6' RUN FOR SPLP							
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-103
DATE COMPLETED: February 3, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	1.00		1DP 0-2' -057				21.1
2	CL-CLAY (native), and saprolite, some mica flakes, very hard, red, orange, tan mottled, low moisture, mild odor			2DP				34.7
4				3DP				897
6			BACKFILLED WITH BENTONITE					
	SAPROLITE, and rock chip/powder, very hard, mica flakes throughout, mottled gray brown, strong odor	7.00		4DP				84.8
8								
10				5DP 8-11' -058		50		895
	- REFUSAL at 11.0ft BGS	11.00						
12	END OF BOREHOLE @ 11.0ft BGS							
	NOTE:							
14	SAMPLE INTERVAL 8-11' RUN FOR SPLP							
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-104
DATE COMPLETED: February 3, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50		1DP 0-2' -059				10.5
2	CL-SANDY CLAY (FILL), hard, mottled tan, brown, low moisture, no odor - 3/4" layer organic material, black, moist, mild odor at 2.0ft BGS	2.00		2DP				144
4	SAPROLITE (native), mottled red, brown, tan, moist, slight odor	4.00		3DP				116
6	SAPROLITE, and pulverized bedrock - 2" clay layer at 7.0ft BGS		BACKFILLED WITH BENTONITE	4DP 6-8' -060				344
8	- 2" clay layers, bands of tan, white, brown, very hard, low moisture, mild odor at 7.5ft BGS	8.00						
10	SAPROLITE, and pulverized rock, light tan, white mottled, dry, faint odor			5DP		100		83.7
12	- REFUSAL at 11.0ft BGS END OF BOREHOLE @ 11.0ft BGS	11.00						
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-105
DATE COMPLETED: February 3, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE			1DP 1-2' -061		20		2.7
2	CL-SANDY CLAY (FILL), hard, brown, dry, no odor	1.00						
				2DP		100		6.9
4	- medium moisture at 4.0ft BGS							
				3DP		100		4.6
6	- soft at 6.5ft BGS		BACKFILLED WITH BENTONITE					
				4DP		25		7.9
8	SAPROLITE, and clay, hard, mottled brown, gray, moist, no odor	8.00						
	- cobbles to 1/2" at 9.0ft BGS							
10				5DP		25		8.6
	- cobbles to 1/2" at 11.0ft BGS			10-12' -062				
12	END OF BOREHOLE @ 12.0ft BGS	12.00						
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-106
DATE COMPLETED: February 3, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-SANDY CLAY (FILL), soft, mottled red, tan, gray, black, moist, strong solvent-like odor			1DP 0-2' -063				28.7
2				2DP				4854
4	- 0.5' stone rubble at 4.0ft BGS							
	CL-SANDY CLAY (FILL), soft, mottled, red, tan, gray, moist, strong solvent-like odor	4.50		3DP				2891
6				4DP				2612
8	- soft, moist, strong odor at 8.0ft BGS		BACKFILLED WITH BENTONITE					
10				5DP				10000
12	- dark brown to black, solvent-like odor at 12.0ft BGS		▽	10-12' -064				10000
14				6DP		0		
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽
CHEMICAL ANALYSIS ⬭

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-107
DATE COMPLETED: February 3, 2012
DRILLING METHOD: HAND AUGER
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	END OF BOREHOLE @ 2.0ft BGS	2.00	BACKFILLED WITH BENTONITE	1HA 0-2' -065		100	

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-108
DATE COMPLETED: February 3, 2012
DRILLING METHOD: HAND AUGER
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CL-CLAY (FILL), and organic material, tan brown, wet, no odor	0.50	BACKFILLED WITH BENTONITE	1HA-0-2'-066		100		2.0
2	CL-CLAY (FILL), soft, brown, red, wet, no odor - REFUSAL at 2.0ft BGS	2.00						
	END OF BOREHOLE @ 2.0ft BGS							
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6								
8								
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-109
DATE COMPLETED: February 3, 2012
DRILLING METHOD: HAND AUGER
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	OL-ORGANIC MATERIAL, and medium clay, soft, tan, wet, no odor	0.50		1HA 0-2' -067		100		0.9
2	CL-CLAY (FILL), trace sand and gravel, soft, red, brown, wet, no odor		BACKFILLED WITH BENTONITE	2HA 2-4' -068		100		0.9
4	- REFUSAL at 4.0ft BGS	4.00						
	END OF BOREHOLE @ 4.0ft BGS							
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NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN.GPJ CRA_CORP.GDT 4/11/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-110
DATE COMPLETED: May 9, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	OL-CLAY (FILL), with gravel to 1/2" diameter throughout, soft, red, medium moisture, strong solvent odor			1DP 0-2' -003				9999+
3.00	CL-SANDY CLAY (native), hard, dense, mottled brown, tan, moist, strong solvent odor	3.00	BACKFILLED WITH BENTONITE	2DP				3496
	- harder at 5.0ft BGS			3DP				1932
6.00	- REFUSAL - PULVERIZED ROCK at 6.0ft BGS	6.00						
	END OF BOREHOLE @ 6.0ft BGS							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-111
DATE COMPLETED: May 9, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-CLAY (FILL), with trace sand and gravel to 1/2" diameter, medium dense, red, moist			1DP				998
2	- mild solvent odor at 3.0ft BGS			2DP (2-4' -004)				1561
4	CL-CLAY AND SAPROLITE (native), some mica flakes mixed in, hard, mottled gray and tan, with occasional black specks, dry, mild solvent odor	4.00	BACKFILLED WITH BENTONITE	3DP				905
6				4DP				421
8	- REFUSAL at 8.0ft BGS	8.00						
	END OF BOREHOLE @ 8.0ft BGS							
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12								
14								
16								
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24								
26								
28								
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2DP)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-112
DATE COMPLETED: May 9, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CONCRETE	0.33	BACKFILLED WITH BENTONITE	1DP			
2	SC-SANDY CLAY (native), some mica flakes mixed in, soft, mottled pink, white, red, medium moisture			2DP -2-4'-002			
4	- mottled tan, white at 3.0ft BGS			3DP			
6	- REFUSAL - PULVERIZED ROCK at 5.0ft BGS	5.00					
8	END OF BOREHOLE @ 5.0ft BGS						
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2DP)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-113
DATE COMPLETED: May 9, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-CLAY (FILL), sift, red brown, moist, slight solvent odor			1DP				9.7
2				2DP				25.9
4	- medium moisture, mild solvent odor at 4.0ft BGS			3DP				61.8
6				4DP				68.4
8	CL-CLAY (FILL), soft, mottled red, tan, white, orange, medium moisture, mild solvent odor	8.00		5DP				609
10	- hard at 9.0ft BGS		BACKFILLED WITH BENTONITE	6DP				94.7
12	- possible free product beading on liner, strong solvent odor at 12.0ft BGS			7DP 12-14' -007				2680
14				8DP				2115
16	CL-SANDY CLAY (native), medium to fine grained sand, hard, dense, bands of gray, orange, white, moist, possible free product beading on liner, strong solvent odor	16.00		9DP				2490
18	- uniform gray, wet at 18.0ft BGS			10DP				2111
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-114
DATE COMPLETED: May 9, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-CLAY (FILL), soft, plastic, red, moist, mild solvent odor			1DP				7.9
2				2DP				15.4
4	- brown at 3.5ft BGS - tan, medium moisture, mild solvent odor at 4.0ft BGS			3DP				15.1
6	- gravel at 6.5ft BGS			4DP				16.4
8	CL-CLAY (FILL), brown, with red, tan mottling, possible free product beading, moist, strong solvent odor	8.00		5DP				2038
10	CL-CLAY (native), with trace sand, harder, mottled red, tan, medium moisture, mild solvent odor	10.00	BACKFILLED WITH BENTONITE	6DP				565
12	CL-SANDY CLAY, light tan, moist, mild solvent odor	12.00		7DP				1995
14	- crumbly at 15.0ft BGS			8DP 14-16' -008/ 009				2476
16	CL-SANDY CLAY, soft, uniform white, wet, mild solvent odor - saturated at 17.0ft BGS	16.00		9DP				2271
18				10DP				1938
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22								
24								
26								
28								
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-115
DATE COMPLETED: May 10, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CL-CLAY (FILL), uniform brown, moist, slight solvent odor			1DP				21.9
	PULVERIZED ROCK	3.00		2DP				36.2
	CL-CLAY (FILL), uniform brown, moist, mild solvent odor	4.00		3DP				5.2
				4DP				487
	CL-CLAY (FILL), soft, plastic, red/brown, moist, strong solvent odor	8.00	BACKFILLED WITH BENTONITE	5DP				3524
	CL-CLAY (native), with trace sand, harder, mottled gray, brown, strong solvent odor	10.00		6DP				9999+
	- moist, product beads in liner, strong solvent odor at 12.0ft BGS			7DP 12-14' -016				9999+
	CL-CLAY, with trace sand, hard, dense, occasional mica flakes, mottled tan, orange, wet, with product beading	14.00		8DP				5720
	END OF BOREHOLE @ 16.0ft BGS	16.00						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-116
DATE COMPLETED: May 10, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-CLAY (FILL), soft, mottled orange, brown, moist, mild solvent odor			1DP				297
2				2DP				842
4	- medium moisture, strong solvent odor at 4.0ft BGS			3DP				1099
6				4DP				2684
8	CL-CLAY (FILL), harder, mottled gray, brown, orange, medium moisture, strong solvent odor	8.00	BACKFILLED WITH BENTONITE	5DP				3224
10				6DP				6290
12	CL-SANDY CLAY (native), crumbly, hard, mottled gray, orange, medium moisture, strong solvent odor	12.00		7DP 12-14' -017				6824
14	- soft, saturated at 14.0ft BGS			8DP				808
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (7DP)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-117
DATE COMPLETED: May 10, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-CLAY (FILL), with trace sand, soft, mottled red, brown, moist, slight solvent odor			1DP				126
2				2DP				997
4	- moist, mild solvent odor at 4.0ft BGS			3DP				1794
6			BACKFILLED WITH BENTONITE	4DP				3478
8								
		9.00		5DP 8-10' -014				4896
10	SC-CLAYEY SAND (native), hard, dense, gray, saturated, mild solvent odor	10.50		6DP				279
12	SAPROLITE AND PULVERIZED ROCK, very hard, light gray, no odor - REFUSAL at 12.0ft BGS	12.00						
	END OF BOREHOLE @ 12.0ft BGS							
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5DP 8-10' -014)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-118
DATE COMPLETED: May 9, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	NO RECOVERY			1DP				NM
				2DP				NM
4	CL-CLAY (FILL), soft, plastic, uniform brown, moist, mild solvent odor	4.00		3DP				1738
				4DP				1246
8	CL-CLAY (FILL), soft, mottled red, brown, tan, moist, strong solvent odor	8.00		5DP				2127
10			BACKFILLED WITH BENTONITE	6DP				2120
12	CL-CLAY (native), harder, medium plasticity, gray, with some orange mottling, moist, strong solvent odor	12.00		7DP				1961
14	- uniform light gray at 15.0ft BGS			8DP 14-16' -012				3308
16	SAPROLITE, mica flakes throughout, bands of white, tan, orange, soft, strong solvent odor	16.00		9DP				1281
18	- wet at 16.5ft BGS - very hard, medium moisture at 18.0ft BGS			10DP				1518
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 5/22/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ARIVEC
PROJECT NUMBER: 35029
CLIENT: ARIVEC PRP
LOCATION: DOUGLASVILLE, GA

HOLE DESIGNATION: B-119
DATE COMPLETED: May 10, 2012
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: S. GRACE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-CLAY (FILL), soft, red, moist, no odor							
	CL-CLAY (native), soft, uniform brown, moist, no odor	1.00		1DP				1.9
2								
			BACKFILLED WITH BENTONITE	2DP				3.7
4								
				3DP 4-6' -015				9.1
	GRAVEL AND PULVERIZED ROCK	5.50						
6	- REFUSAL at 6.0ft BGS	6.00						
	END OF BOREHOLE @ 6.0ft BGS							
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 35029WIN-REV.GPJ CRA_CORP.GDT 10/30/12

APPENDIX B

LABORATORY REPORTS AND DATA QUALITY ASSURANCE/ QUALITY CONTROL MEMORANDUM JANUARY 2012

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Mike Reinhardt (Atlanta) REF. NO.: 035029-02-0004

FROM: Angela Bown/amm/5 ABlamm DATE: February 23, 2012

RE: **Data Quality Assessment and Validation**
Soil Investigation
Arivec Site
Douglasville, Georgia
January-February 2012

The following details a quality assessment and validation of the analytical data resulting from the January-February 2012 collection of 83 soil samples from the Arivec Site in Douglasville, Georgia. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at Analytical Environmental Services, Inc. (AES), in Atlanta, Georgia in accordance with the methodologies presented in Table 2. Table 3A and 3B present the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999;

ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

Most samples were prepared and/or analyzed with the specified holding time periods. Table 4 presents the sample results that were qualified due to hold time exceedances.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes, indicating no laboratory-attributable contamination occurred.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recoveries for some samples could not be measured or evaluated due to dilutions required to successfully analyze the samples. No qualification of these samples was required. The surrogate recovery acceptance criteria were met for all samples that could be evaluated with the exception of samples presented with qualifiers in Table 5.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples. The samples selected for MS/MSD analysis are identified in Table 1.

In some sample batches, no Site-specific samples were utilized as MS/MSDs; precision and accuracy were verified by the analysis of the laboratory control sample/laboratory control duplicate (LCS/LCD). Qualification of samples associated with these MS/MSDs was not performed.

The samples that were qualified due to violation of MS/MSD percent recovery criteria are outlined in Table 6. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits indicating that an acceptable level of overall performance was achieved.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits indicating that an acceptable level of overall laboratory precision was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of one (1) trip blank sample.

Trip Blanks

To monitor potential cross-contamination of volatile organic compound (VOC) during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

No target analytes were detected in the trip blank sample.

MISCELLANEOUS

Several target analytes for some samples were flagged by the lab with "E" indicating an estimated value over linear calibration range. The samples were diluted and reanalyzed with analytes being below reporting limit. The initial results were reported and “J” qualifiers were applied to indicate that the results exceed the linear calibration range. Table 7 presents the sample results that were qualified due to exceedance of the calibration range.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

						Analysis/Parameters						
Sample ID	*Location ID*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs & 1,4-Dioxane*	*RCRA Metals*	*PCBs*	*SPLP VOCs*	*SPLP VOCs (Hold)*	*VOCs (HOLD)*	*Comments*
S-012312-DJB-001	B-75	0	2	01/23/12	13:25	X						
S-012312-DJB-002	B-75	3	5	01/23/12	13:35				X			
S-012312-DJB-003	B-76	0	2	01/23/12	13:45	X						MS/MSD
S-012312-DJB-004	B-76	8	10	01/23/12	15:00	X						
S-012312-DJB-005	B-77	0	2	01/23/12	15:15	X						
S-012312-DJB-006	B-77	2	4.5	01/23/12	15:25	X			X			
S-012312-DJB-007	B-78	0	2	01/23/12	15:55	X						
S-012312-DJB-008	B-78	6	8	01/23/12	16:05	X						
S-012312-DJB-009	B-79	0	2	01/23/12	16:20	X						
S-012412-DJB-010	B-80	0	2	01/24/12	8:15	X						
S-012412-DJB-011	B-80	4	6	01/24/12	8:25	X						
S-012412-DJB-012	B-81	0	2	01/24/12	8:50	X						
S-012412-DJB-013	B-81	4	6	01/24/12	9:00	X			X			
S-012412-DJB-014	B-82	0	2	01/24/12	9:10	X						
S-012412-DJB-015	B-82	2	4	01/24/12	9:15	X						
S-012412-DJB-016	B-83	0	2	01/24/12	9:35	X						MS/MSD
S-012412-DJB-017	B-83	10	12	01/24/12	9:50	X						
S-012412-DJB-018	B-84	0	2	01/24/12	10:45	X						
S-012412-DJB-019	B-84	10	12	01/24/12	10:55	X						
S-012412-DJB-020	B-85	0	2	01/24/12	11:30	X						
S-012412-DJB-021	B-85	10	12	01/24/12	11:45	X	X	X				MS/MSD
S-012412-DJB-022	B-86	0	2	01/24/12	13:30	X						
S-012412-DJB-023	B-86	4	6	01/24/12	13:45	X	X	X				
S-012412-DJB-024	B-87	0	2	01/24/12	14:30	X						
S-012412-DJB-025	B-87	8	10	01/24/12	14:40	X	X					

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

						Analysis/Parameters						
Sample ID	*Location ID*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs & 1,4-Dioxane*	*RCRA Metals*	*PCBs*	*SPLP VOCs*	*SPLP VOCs (Hold)*	*VOCs (HOLD)*	*Comments*
S-012412-DJB-026	B-88	0	2	01/24/12	15:00	X						
S-012412-DJB-027	B-88	2	4	01/24/12	15:05				X			
S-012412-DJB-028	B-89	0	2	01/24/12	16:00	X						
S-012412-DJB-029	B-89	6	8	01/24/12	16:05	X	X	X				
S-012512-DJB-030	B-90	0	2	01/25/12	8:20	X						
S-012512-DJB-031	B-90	8	10	01/25/12	8:30	X	X	X				
S-012512-DJB-032	B-91	0	2	01/25/12	9:20	X						
S-012512-DJB-033	B-91	10	12	01/25/12	9:30	X	X	X				
S-012512-DJB-034	B-92	0	2	01/25/12	10:00	X						
S-012512-DJB-035	B-92	10	12	01/25/12	10:10	X	X	X				
S-012512-DJB-036	B-93	0	2	01/25/12	10:40	X						
S-012512-DJB-037	B-93	6	8	01/25/12	10:50	X	X	X				
S-012512-DJB-038	B-94	0	2	01/25/12	11:20	X						
S-012512-DJB-039	B-94	10	12	01/25/12	11:30	X	X	X				
S-012512-DJB-040	B-95	0	2	01/25/12	13:10	X						
S-012512-DJB-041	B-95	4	6	01/25/12	13:20	X	X	X				
S-012512-DJB-042	B-96	5	7	01/25/12	14:20				X			MS/MSD
S-012512-DJB-043	B-97	1	3	01/25/12	15:00	X	X	X				
S-012512-DJB-044	B-98	0	2	01/25/12	16:10	X						
S-012512-DJB-045	B-98	2	4	01/25/12	16:20	X	X	X				
S-012612-DJB-046	B-99	0	2	01/26/12	8:30	X						
S-012612-DJB-047	B-99	2	4	01/26/12	8:40	X	X	X				
S-012612-DJB-048	B-100	0	2	01/26/12	10:30	X						
S-012612-DJB-049	B-100	8	10	01/26/12	10:40	X	X	X				MS/MSD
S-012612-DJB-050	sump # 1	0	1	01/26/12	11:25	X	X	X				

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

						Analysis/Parameters						
Sample ID	*Location ID*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs & 1,4-Dioxane*	*RCRA Metals*	*PCBs*	*SPLP VOCs*	*SPLP VOCs (Hold)*	*VOCs (HOLD)*	*Comments*
S-012612-DJB-051	sump # 2	0	1	01/26/12	11:35	X	X	X				
S-012612-DJB-052	sump # 3	0	1	01/26/12	11:45	X	X	X				MS/MSD
S-012412-DJB-301	B-83	14	16	01/24/12	10:00						X	HOLD
S-012412-DJB-302	B-84	14	16	01/24/12	11:00				X			
S-012412-DJB-303	B-85	18	20	01/24/12	11:55						X	HOLD
S-012412-DJB-304	B-86	10	12	01/24/12	14:00				X			
S-012412-DJB-305	B-87	14	16	01/24/12	14:50						X	HOLD
S-012412-DJB-306	B-89	14	16	01/24/12	16:15						X	HOLD
S-012512-DJB-307	B-90	14	16	01/25/12	8:45						X	HOLD
S-012512-DJB-308	B-91	14	16	01/25/12	9:35						X	HOLD
S-012512-DJB-309	B-92	14	16	01/25/12	10:15				X			
S-012512-DJB-310	B-93	10	12	01/25/12	11:00						X	HOLD
S-012512-DJB-311	B-94	14	16	01/25/12	11:40						X	HOLD
S-012512-DJB-312	B-95	12	14	01/25/12	13:30				X			MS/MSD
S-012512-DJB-313	B-98	12	14	01/25/12	16:30				X			
S-012612-DJB-314	B-99	12	14	01/26/12	8:50						X	HOLD
S-012612-DJB-315	B-100	14	16	01/26/12	10:50						X	HOLD
S-020312-BCW-053	B-101	0	2	02/03/12	8:15	X						
S-020312-BCW-054	B-101	6	7.5	02/03/12	8:25	X	X	X		X		
S-020312-BCW-055	B-102	0	2	02/03/12	8:30	X						
S-020312-BCW-056	B-102	4	6	02/03/12	8:45	X	X	X	X			
S-020312-BCW-057	B-103	0	2	02/03/12	9:10	X						
S-020312-BCW-058	B-103	8	11	02/03/12	9:20	X	X	X	X			
S-020312-BCW-059	B-104	0	2	02/03/12	9:30	X						
S-020312-BCW-060	B-104	6	8	02/03/12	9:45	X	X	X		X		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

						Analysis/Parameters						
Sample ID	*Location ID*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs & 1,4-Dioxane*	*RCRA Metals*	*PCBs*	*SPLP VOCs*	*SPLP VOCs (Hold)*	*VOCs (HOLD)*	*Comments*
S-020312-BCW-061	B-105	1	4	02/03/12	10:15	X						
S-020312-BCW-062	B-105	10	12	02/03/12	10:25	X	X	X		X		
S-020312-BCW-063	B-106	0	2	02/03/12	10:45	X						
S-020312-BCW-064	B-106	10	12	02/03/12	10:50	X	X	X		X		
S-020312-BCW-065	B-107	0	2	02/03/12	13:15	X						
S-020312-BCW-066	B-108	0	2	02/03/12	15:00	X						
S-020312-BCW-067	B-109	0	2	02/03/12	15:15	X						
S-020312-BCW-068	B-109	2	4	02/03/12	15:10						X	

Notes:

ft bgs	Feet Below Ground Surface.
MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
PCBs	Polychlorinated Biphenyls.
RCRA	Resource Conservation & Recovery Act.
SPLP	Synthetic Precipitation Leaching Procedure.
VOCs	Volatile Organic Compounds.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Method*
VOCs & 1,4-Dioxane	SW-846 8260[1]
RCRA Metals	SW-846 6010/7471[1]
PCBs	SW-846 8082[1]
SPLP VOCs	SW-846 1312[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

PCBs Polychlorinated Biphenyls.
RCRA Resource Conservation & Recovery Act
SPLP Synthetic Precipitation Leaching Procedure
VOCs Volatile Organic Compounds.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:		*B-75*	*B-76*	*B-76*	*B-77*	*B-77*	*B-78*
	Sample Name:		*S-012312-DJB-001*	*S-012312-DJB-003*	*S-012312-DJB-004*	*S-012312-DJB-005*	*S-012312-DJB-006*	*S-012312-DJB-007*
	Sample Date:		*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*
	Depth:		*0-2 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*2-4.5 ft BGS*	*0-2 ft BGS*
Parameters	*Units*	*Type 4 RRS*						
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	20	0.0041 U	0.0041 U	2.2 U	**0.017**	**0.012**	0.0046 U
1,1,2,2-Tetrachloroethane	mg/kg	20	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,1,2-Trichloroethane	mg/kg	0.5	**0.0048**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,1-Dichloroethane	mg/kg	400	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,1-Dichloroethene	mg/kg	0.7	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,2,4-Trichlorobenzene	mg/kg	10.83	**0.0063**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.02	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,2-Dichlorobenzene	mg/kg	60	**0.011**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,2-Dichloroethane	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,2-Dichloropropane	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,3-Dichlorobenzene	mg/kg	60	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,4-Dichlorobenzene	mg/kg	7.5	**0.013**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
1,4-Dioxane	mg/kg	NC	0.12 U	0.12 U	65 U	0.11 U	0.14 U	0.14 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200	0.041 U	0.041 U	22 U	0.036 U	0.048 U	0.046 U
2-Hexanone	mg/kg	200	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	200	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
Acetone	mg/kg	400	0.082 U	0.082 U	43 U	0.072 U	0.096 U	0.092 U
Benzene	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Bromodichloromethane	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Bromoform	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Bromomethane (Methyl bromide)	mg/kg	1	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Carbon disulfide	mg/kg	400	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
Carbon tetrachloride	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Chlorobenzene	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Chloroethane	mg/kg	8.307521208	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
Chloroform (Trichloromethane)	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Chloromethane (Methyl chloride)	mg/kg	0.3	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
cis-1,2-Dichloroethene	mg/kg	7	**0.65**	**0.018**	2.2 U	**0.6**	**0.45**	0.0046 U
cis-1,3-Dichloropropene	mg/kg	1000	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:		B-75	B-76	B-76	B-77	B-77	B-78
	Sample Name:		S-012312-DJB-001	S-012312-DJB-003	S-012312-DJB-004	S-012312-DJB-005	S-012312-DJB-006	S-012312-DJB-007
	Sample Date:		1/22/2012	1/22/2012	1/22/2012	1/22/2012	1/22/2012	1/22/2012
	Depth:		0-2 ft BGS	0-2 ft BGS	8-10 ft BGS	0-2 ft BGS	2-4.5 ft BGS	0-2 ft BGS
Parameters	*Units*	*Type 4 RRS*						
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	20	**0.017**	0.0041 U	2.2 U	0.0036 U	**0.0067**	0.0046 U
Dibromochloromethane	mg/kg	10	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Dichlorodifluoromethane (CFC-12)	mg/kg	100	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
Ethylbenzene	mg/kg	70	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Isopropyl benzene	mg/kg	21.88	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Methyl acetate	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Methyl cyclohexane	mg/kg	0.5	**0.023**	0.0041 U	2.2 U	**0.0037**	**0.019**	**0.0076**
Methyl tert butyl ether (MTBE)	mg/kg	0.5	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Methylene chloride	mg/kg	0.5	0.016 U	0.016 U	8.6 U	0.014 U	0.019 U	0.018 U
Styrene	mg/kg	14	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Tetrachloroethene	mg/kg	0.5	**8.5**	**0.79**	**10**	**31**	**1.3**	0.0046 U
Toluene	mg/kg	100	0.0041 U	0.0041 U	2.2 U	0.0036 U	**0.005**	0.0046 U
trans-1,2-Dichloroethene	mg/kg	10	**0.0054**	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
trans-1,3-Dichloropropene	mg/kg	2.22	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Trichloroethene	mg/kg	0.5	**0.38**	**0.052**	2.2 U	**1.5**	**0.15**	0.0046 U
Trichlorofluoromethane (CFC-11)	mg/kg	200	0.0041 U	0.0041 U	2.2 U	0.0036 U	0.0048 U	0.0046 U
Trifluorotrichloroethane (Freon 113)	mg/kg	100000	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
Vinyl chloride	mg/kg	0.2	0.0082 U	0.0082 U	4.3 U	0.0072 U	0.0096 U	0.0092 U
Xylenes (total)	mg/kg	1000	0.0041 U	0.0041 U	**3.1**	0.0036 U	**0.0059**	0.0046 U
Metals								
Arsenic	mg/kg	20	-	-	-	-	-	-
Barium	mg/kg	1000	-	-	-	-	-	-
Cadmium	mg/kg	3.84272	-	-	-	-	-	-
Chromium	mg/kg	3066000	-	-	-	-	-	-
Lead	mg/kg	993.1047534	-	-	-	-	-	-
Mercury	mg/kg	0.533484	-	-	-	-	-	-
Selenium	mg/kg	2.6572	-	-	-	-	-	-
Silver	mg/kg	4.3435	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:		*B-75*	*B-76*	*B-76*	*B-77*	*B-77*	*B-78*
	Sample Name:		*S-012312-DJB-001*	*S-012312-DJB-003*	*S-012312-DJB-004*	*S-012312-DJB-005*	*S-012312-DJB-006*	*S-012312-DJB-007*
	Sample Date:		*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*	*1/22/2012*
	Depth:		*0-2 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*2-4.5 ft BGS*	*0-2 ft BGS*
Parameters	*Units*	*Type 4 RRS*						
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	1.55	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	1.55	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	1.55	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	1.55	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	1.55	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	1.55	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	1.55	-	-	-	-	-	-
Wet								
Moisture content (dry weight)	%	NC	**9.40**	**7.76**	**14.1**	**9.05**	**17.3**	**14.1**

Notes:

- Not analyzed
ft BGS Feet Below Ground Surface.
J Estimated.
NC No criteria
RRS Risk Reduction Standards
U Not detected
UJ Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-78*	*B-79*	*B-80*	*B-80*	*B-81*	*B-81*	*B-82*
	Sample Name:	*S-012312-DJB-008*	*S-012312-DJB-009*	*S-012412-DJB-010*	*S-012412-DJB-011*	*S-012412-DJB-012*	*S-012412-DJB-013*	*S-012412-DJB-014*
	Sample Date:	*1/22/2012*	*1/22/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*6-8 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	0.0059 U	**0.007**	0.0065 U	0.0049 U	0.0044 U	0.0038 U	**2.8**
1,1,2,2-Tetrachloroethane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,1,2-Trichloroethane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,1-Dichloroethane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.0057 J**	1.9 U
1,1-Dichloroethene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,2,4-Trichlorobenzene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,2-Dichlorobenzene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.033 J**	1.9 U
1,2-Dichloroethane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,2-Dichloropropane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,3-Dichlorobenzene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
1,4-Dichlorobenzene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.014 J**	1.9 U
1,4-Dioxane	mg/kg	0.18 U	0.13 U	0.19 U	0.15 U	0.13 U	0.11 U	56 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.059 U	0.044 U	0.065 U	0.049 U	0.044 U	0.038 U	19 U
2-Hexanone	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
Acetone	mg/kg	0.12 U	0.088 U	0.13 U	0.097 U	0.089 U	0.076 U	38 U
Benzene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.0052 J**	1.9 U
Bromodichloromethane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Bromoform	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Bromomethane (Methyl bromide)	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Carbon disulfide	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
Carbon tetrachloride	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Chlorobenzene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.036 J**	1.9 U
Chloroethane	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
Chloroform (Trichloromethane)	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Chloromethane (Methyl chloride)	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
cis-1,2-Dichloroethene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**0.008 J**	**6.1**
cis-1,3-Dichloropropene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-78*	*B-79*	*B-80*	*B-80*	*B-81*	*B-81*	*B-82*
	Sample Name:	*S-012312-DJB-008*	*S-012312-DJB-009*	*S-012412-DJB-010*	*S-012412-DJB-011*	*S-012412-DJB-012*	*S-012412-DJB-013*	*S-012412-DJB-014*
	Sample Date:	*1/22/2012*	*1/22/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*6-8 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*
Parameters	***Units***							
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	**0.023**	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**1.4**	**2.1**
Dibromochloromethane	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
Ethylbenzene	mg/kg	**0.016**	0.0044 U	0.0065 U	0.0049 U	**0.0063**	**4.6**	**12**
Isopropyl benzene	mg/kg	**0.031**	0.0044 U	0.0065 U	0.0049 U	0.0044 U	**1.4**	1.9 U
Methyl acetate	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Methyl cyclohexane	mg/kg	**0.16**	0.0044 U	0.0065 U	0.0049 U	**0.0057**	**4.8**	**4.9**
Methyl tert butyl ether (MTBE)	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Methylene chloride	mg/kg	0.024 U	0.018 U	0.026 U	0.019 U	0.018 U	0.015 U	7.5 U
Styrene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Tetrachloroethene	mg/kg	0.0059 U	**7.8**	0.0065 U	0.0049 U	0.0044 U	**0.0043 J**	**4**
Toluene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	**0.0052**	**0.11 J**	**82**
trans-1,2-Dichloroethene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
trans-1,3-Dichloropropene	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Trichloroethene	mg/kg	0.0059 U	**0.022**	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.0059 U	0.0044 U	0.0065 U	0.0049 U	0.0044 U	0.0038 U	1.9 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
Vinyl chloride	mg/kg	0.012 U	0.0088 U	0.013 U	0.0097 U	0.0089 U	0.0076 U	3.8 U
Xylenes (total)	mg/kg	**0.012**	0.0044 U	0.0065 U	0.0049 U	**0.017**	**17**	**66**
Metals								
Arsenic	mg/kg	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	B-78	B-79	B-80	B-80	B-81	B-81	B-82
	Sample Name:	S-012312-DJB-008	S-012312-DJB-009	S-012412-DJB-010	S-012412-DJB-011	S-012412-DJB-012	S-012412-DJB-013	S-012412-DJB-014
	Sample Date:	1/22/2012	1/22/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
	Depth:	6-8 ft BGS	0-2 ft BGS	0-2 ft BGS	4-6 ft BGS	0-2 ft BGS	4-6 ft BGS	0-2 ft BGS
Parameters	*Units*							
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-
Wet								
Moisture content (dry weight)	%	**31.6**	**12.8**	**24.0**	**20.4**	**15.0**	**13.9**	**11.4**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-82*	*B-83*	*B-83*	*B-84*	*B-84*	*B-85*	*B-85*
	Sample Name:	*S-012412-DJB-015*	*S-012412-DJB-016*	*S-012412-DJB-017*	*S-012412-DJB-018*	*S-012412-DJB-019*	*S-012412-DJB-020*	*S-012412-DJB-021*
	Sample Date:	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*2-4 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	**0.027**	0.0046 U	**4.7**	**0.0067**	2.1 U	2.5 U	2.6 U
1,1,2,2-Tetrachloroethane	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,1,2-Trichloroethane	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,1-Dichloroethane	mg/kg	**0.065**	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,1-Dichloroethene	mg/kg	**0.012**	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,2,4-Trichlorobenzene	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,2-Dichlorobenzene	mg/kg	**0.052**	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,2-Dichloroethane	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,2-Dichloropropane	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,3-Dichlorobenzene	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,4-Dichlorobenzene	mg/kg	**0.011**	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
1,4-Dioxane	mg/kg	0.14 U	0.14 U	73 U	0.16 U	62 U	75 U	78 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.048 U	0.046 U	24 U	0.053 U	21 U	25 U	**270**
2-Hexanone	mg/kg	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	**240**
Acetone	mg/kg	0.096 U	**0.11**	49 U	**0.13**	41 U	50 U	**66**
Benzene	mg/kg	**0.01**	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Bromodichloromethane	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Bromoform	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Bromomethane (Methyl bromide)	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Carbon disulfide	mg/kg	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
Carbon tetrachloride	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Chlorobenzene	mg/kg	**0.0057**	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Chloroethane	mg/kg	**0.013**	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
Chloroform (Trichloromethane)	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Chloromethane (Methyl chloride)	mg/kg	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
cis-1,2-Dichloroethene	mg/kg	**0.84**	0.0046 U	**120**	**0.024**	**3.3**	**27**	**120**
cis-1,3-Dichloropropene	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-82*	*B-83*	*B-83*	*B-84*	*B-84*	*B-85*	*B-85*
	Sample Name:	*S-012412-DJB-015*	*S-012412-DJB-016*	*S-012412-DJB-017*	*S-012412-DJB-018*	*S-012412-DJB-019*	*S-012412-DJB-020*	*S-012412-DJB-021*
	Sample Date:	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*2-4 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*
Parameters	***Units***							
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	**0.13**	0.0046 U	**11**	0.0053 U	2.1 U	2.5 U	2.6 U
Dibromochloromethane	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.0096 U	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
Ethylbenzene	mg/kg	**0.46**	0.0046 U	**49**	0.0053 U	2.1 U	2.5 U	**25**
Isopropyl benzene	mg/kg	**0.11**	0.0046 U	**5**	0.0053 U	2.1 U	2.5 U	2.6 U
Methyl acetate	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Methyl cyclohexane	mg/kg	**0.3**	0.0046 U	**41**	**0.0062**	**2.9**	2.5 U	**6.9**
Methyl tert butyl ether (MTBE)	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Methylene chloride	mg/kg	0.019 U	0.018 U	9.7 U	0.021 U	8.2 U	9.9 U	10 U
Styrene	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Tetrachloroethene	mg/kg	**0.029**	0.0046 U	**6.4**	0.0053 U	**3.6**	2.5 U	2.6 U
Toluene	mg/kg	**2.2**	0.0046 U	**210**	**0.021**	**7.1**	**54**	**210**
trans-1,2-Dichloroethene	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
trans-1,3-Dichloropropene	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Trichloroethene	mg/kg	**0.0052**	0.0046 U	**110**	**0.014**	2.1 U	**220**	**210**
Trichlorofluoromethane (CFC-11)	mg/kg	0.0048 U	0.0046 U	2.4 U	0.0053 U	2.1 U	2.5 U	2.6 U
Trifluorotrichloroethane (Freon 113)	mg/kg	**0.029**	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
Vinyl chloride	mg/kg	**0.079**	0.0092 U	4.9 U	0.011 U	4.1 U	5 U	5.2 U
Xylenes (total)	mg/kg	**2.7**	0.0046 U	**260**	**0.022**	**9.3**	**27**	**140**
Metals								
Arsenic	mg/kg	-	-	5.90 U	-	5.71 U	-	5.81 U
Barium	mg/kg	-	-	**22.4**	-	**49.2**	-	**28.4**
Cadmium	mg/kg	-	-	2.95 U	-	2.85 U	-	2.91 U
Chromium	mg/kg	-	-	2.95 U	-	2.85 U	-	**5.72**
Lead	mg/kg	-	-	**33.8**	-	**9.44**	-	**23.3**
Mercury	mg/kg	-	-	0.126 U	-	0.117 U	-	0.120 U
Selenium	mg/kg	-	-	5.90 U	-	5.71 U	-	5.81 U
Silver	mg/kg	-	-	2.95 U	-	2.85 U	-	2.91 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-82*	*B-83*	*B-83*	*B-84*	*B-84*	*B-85*	*B-85*
	Sample Name:	*S-012412-DJB-015*	*S-012412-DJB-016*	*S-012412-DJB-017*	*S-012412-DJB-018*	*S-012412-DJB-019*	*S-012412-DJB-020*	*S-012412-DJB-021*
	Sample Date:	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*2-4 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*
Parameters	***Units***							
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	-	-	0.042 U	-	0.039 U	-	0.04 U
Aroclor-1221 (PCB-1221)	mg/kg	-	-	0.042 U	-	0.039 U	-	0.04 U
Aroclor-1232 (PCB-1232)	mg/kg	-	-	0.042 U	-	0.039 U	-	0.04 U
Aroclor-1242 (PCB-1242)	mg/kg	-	-	**0.33**	-	0.039 U	-	0.04 U
Aroclor-1248 (PCB-1248)	mg/kg	-	-	0.042 U	-	0.039 U	-	0.04 U
Aroclor-1254 (PCB-1254)	mg/kg	-	-	**0.33**	-	0.039 U	-	**0.75 J**
Aroclor-1260 (PCB-1260)	mg/kg	-	-	**0.14**	-	0.039 U	-	**0.2 J**
Wet								
Moisture content (dry weight)	%	**20.8**	**17.7**	**21.0**	**18.5**	**14.6**	**16.0**	**17.7**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-86*	*B-86*	*B-87*	*B-87*	*B-88*	*B-89*	*B-89*
	Sample Name:	*S-012412-DJB-022*	*S-012412-DJB-023*	*S-012412-DJB-024*	*S-012412-DJB-025*	*S-012412-DJB-026*	*S-012412-DJB-028*	*S-012412-DJB-029*
	Sample Date:	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	0.004 U	**0.95**	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,1,2,2-Tetrachloroethane	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,1,2-Trichloroethane	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,1-Dichloroethane	mg/kg	0.004 U	**0.067**	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,1-Dichloroethene	mg/kg	0.004 U	**0.027**	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,2,4-Trichlorobenzene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	**0.024**	2 U	1.8 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,2-Dichlorobenzene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	**0.15**	**9.2**	**150**
1,2-Dichloroethane	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
1,2-Dichloropropane	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	**9.4**
1,3-Dichlorobenzene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	**0.012**	2 U	**2.3**
1,4-Dichlorobenzene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	**0.025**	2 U	**9.6**
1,4-Dioxane	mg/kg	0.12 U	0.16 U	0.14 U	0.14 U	0.12 U	60 U	54 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.04 U	0.052 U	0.048 U	0.046 U	0.04 U	20 U	18 U
2-Hexanone	mg/kg	0.0079 U	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	**0.014**	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
Acetone	mg/kg	0.079 U	0.1 U	0.095 U	0.091 U	0.081 U	40 U	36 U
Benzene	mg/kg	0.004 U	**0.65**	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Bromodichloromethane	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Bromoform	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Bromomethane (Methyl bromide)	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Carbon disulfide	mg/kg	0.0079 U	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
Carbon tetrachloride	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Chlorobenzene	mg/kg	0.004 U	**0.021**	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Chloroethane	mg/kg	0.0079 U	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
Chloroform (Trichloromethane)	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Chloromethane (Methyl chloride)	mg/kg	0.0079 U	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
cis-1,2-Dichloroethene	mg/kg	0.004 U	**4.6**	**0.073**	**0.12**	0.004 U	**2.2**	**240**
cis-1,3-Dichloropropene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-86*	*B-86*	*B-87*	*B-87*	*B-88*	*B-89*	*B-89*
	Sample Name:	*S-012412-DJB-022*	*S-012412-DJB-023*	*S-012412-DJB-024*	*S-012412-DJB-025*	*S-012412-DJB-026*	*S-012412-DJB-028*	*S-012412-DJB-029*
	Sample Date:	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*
Parameters	***Units***							
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	0.004 U	**4.8**	0.0048 U	0.0046 U	**0.036**	2 U	1.8 U
Dibromochloromethane	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.0079 U	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
Ethylbenzene	mg/kg	0.004 U	**19**	0.0048 U	0.0046 U	**5.2**	**15**	**17**
Isopropyl benzene	mg/kg	0.004 U	**5.4**	0.0048 U	0.0046 U	**0.025**	2 U	1.8 U
Methyl acetate	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Methyl cyclohexane	mg/kg	**0.0041**	**11**	0.0048 U	0.0046 U	**0.16**	2 U	**7.6**
Methyl tert butyl ether (MTBE)	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Methylene chloride	mg/kg	0.016 U	0.021 U	0.019 U	0.018 U	0.016 U	8 U	7.2 U
Styrene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Tetrachloroethene	mg/kg	**0.0069**	**2.3**	0.0048 U	0.0046 U	0.004 U	2 U	**2**
Toluene	mg/kg	**0.014**	**57**	0.0048 U	0.0046 U	**3.1**	**11**	**140**
trans-1,2-Dichloroethene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
trans-1,3-Dichloropropene	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Trichloroethene	mg/kg	0.004 U	**0.12**	**1.4**	**0.035**	0.004 U	2 U	**320**
Trichlorofluoromethane (CFC-11)	mg/kg	0.004 U	0.0052 U	0.0048 U	0.0046 U	0.004 U	2 U	1.8 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.0079 U	**0.053**	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
Vinyl chloride	mg/kg	0.0079 U	0.01 U	0.0095 U	0.0091 U	0.0081 U	4 U	3.6 U
Xylenes (total)	mg/kg	**0.008**	**100**	0.0048 U	**0.0059**	**23**	**130**	**78**
Metals								
Arsenic	mg/kg	-	6.35 U	-	6.78 U	-	-	5.31 U
Barium	mg/kg	-	**22.1**	-	**41.5**	-	-	**33.4**
Cadmium	mg/kg	-	3.18 U	-	3.39 U	-	-	2.66 U
Chromium	mg/kg	-	**10.8**	-	3.39 U	-	-	**24.0**
Lead	mg/kg	-	**26.0**	-	**30.7**	-	-	**109**
Mercury	mg/kg	-	0.128 U	-	0.137 U	-	-	**0.261**
Selenium	mg/kg	-	6.35 U	-	6.78 U	-	-	5.31 U
Silver	mg/kg	-	3.18 U	-	3.39 U	-	-	2.66 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-86*	*B-86*	*B-87*	*B-87*	*B-88*	*B-89*	*B-89*
	Sample Name:	*S-012412-DJB-022*	*S-012412-DJB-023*	*S-012412-DJB-024*	*S-012412-DJB-025*	*S-012412-DJB-026*	*S-012412-DJB-028*	*S-012412-DJB-029*
	Sample Date:	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*	*1/23/2012*
	Depth:	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*
Parameters	***Units***							
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	-	0.043 U	-	0.046 U	-	-	0.037 U
Aroclor-1221 (PCB-1221)	mg/kg	-	0.043 U	-	0.046 U	-	-	0.037 U
Aroclor-1232 (PCB-1232)	mg/kg	-	0.043 U	-	0.046 U	-	-	0.037 U
Aroclor-1242 (PCB-1242)	mg/kg	-	0.043 U	-	0.046 U	-	-	0.037 U
Aroclor-1248 (PCB-1248)	mg/kg	-	0.043 U	-	0.046 U	-	-	0.037 U
Aroclor-1254 (PCB-1254)	mg/kg	-	0.043 U	-	0.046 U	-	-	**0.69 J**
Aroclor-1260 (PCB-1260)	mg/kg	-	0.043 U	-	0.046 U	-	-	**0.19 J**
Wet								
Moisture content (dry weight)	%	**10.7**	**22.6**	**16.3**	**27.7**	**8.37**	**12.4**	**10.2**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-90*	*B-90*	*B-91*	*B-91*	*B-92*	*B-92*	*B-93*
	Sample Name:	*S-012512-DJB-030*	*S-012512-DJB-031*	*S-012512-DJB-032*	*S-012512-DJB-033*	*S-012512-DJB-034*	*S-012512-DJB-035*	*S-012512-DJB-036*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
	Depth:	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	1.8 U	2.3 U	7	32	0.0046 U	0.0039 U	2 U
1,1,2,2-Tetrachloroethane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,1,2-Trichloroethane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,1-Dichloroethane	mg/kg	1.8 U	2.3 U	3.6	3.8	0.0046 U	0.0039 U	2 U
1,1-Dichloroethene	mg/kg	1.8 U	2.3 U	2.2 U	2.5	0.0046 U	0.0039 U	2 U
1,2,4-Trichlorobenzene	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,2-Dichlorobenzene	mg/kg	1.8 U	33	2.6	2 U	0.0046 U	0.017	2 U
1,2-Dichloroethane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,2-Dichloropropane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,3-Dichlorobenzene	mg/kg	1.8 U	2.3	2.2 U	2 U	0.0046 U	0.0039 U	2 U
1,4-Dichlorobenzene	mg/kg	1.8 U	4.7	2.2 U	2 U	0.0046 U	0.0081	2 U
1,4-Dioxane	mg/kg	55 U	68 U	66 U	59 U	0.14 U	0.12 U	59 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	18 U	23 U	22 U	30	0.046 U	0.039 U	20 U
2-Hexanone	mg/kg	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	3.7 U	15	4.6	15	0.0092 U	0.0078 U	3.9 U
Acetone	mg/kg	37 U	45 U	44 U	40 U	0.14	0.078 U	39 U
Benzene	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Bromodichloromethane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Bromoform	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Bromomethane (Methyl bromide)	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Carbon disulfide	mg/kg	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U
Carbon tetrachloride	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Chlorobenzene	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.013	2
Chloroethane	mg/kg	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0083	3.9 U
Chloroform (Trichloromethane)	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Chloromethane (Methyl chloride)	mg/kg	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U
cis-1,2-Dichloroethene	mg/kg	1.8 U	380	7	12	0.0066	0.0041	9.2
cis-1,3-Dichloropropene	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-90*	*B-90*	*B-91*	*B-91*	*B-92*	*B-92*	*B-93*
	Sample Name:	*S-012512-DJB-030*	*S-012512-DJB-031*	*S-012512-DJB-032*	*S-012512-DJB-033*	*S-012512-DJB-034*	*S-012512-DJB-035*	*S-012512-DJB-036*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
	Depth:	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*
Parameters	***Units***							
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	**0.034**	2 U
Dibromochloromethane	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Dichlorodifluoromethane (CFC-12)	mg/kg	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U
Ethylbenzene	mg/kg	**16**	**930**	**65**	**160**	**0.0095**	**0.029**	**13**
Isopropyl benzene	mg/kg	1.8 U	**16**	**3.3**	**7.5**	0.0046 U	**0.0069**	2 U
Methyl acetate	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Methyl cyclohexane	mg/kg	1.8 U	**2.8**	2.2 U	**2.3**	0.0046 U	**0.71**	2 U
Methyl tert butyl ether (MTBE)	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Methylene chloride	mg/kg	7.3 U	9 U	8.8 U	**13**	0.018 U	0.016 U	7.9 U
Styrene	mg/kg	1.8 U	2.3 U	2.2 U	**120**	0.0046 U	0.0039 U	2 U
Tetrachloroethene	mg/kg	**2.1**	**2.8**	**23**	**110**	**0.0094**	0.0039 U	2 U
Toluene	mg/kg	**9.5**	**1100**	**72**	**650**	**0.031**	**0.017**	**15**
trans-1,2-Dichloroethene	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
trans-1,3-Dichloropropene	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Trichloroethene	mg/kg	1.8 U	2.3 U	2.2 U	**16**	0.0046 U	0.0039 U	2 U
Trichlorofluoromethane (CFC-11)	mg/kg	1.8 U	2.3 U	2.2 U	2 U	0.0046 U	0.0039 U	2 U
Trifluorotrichloroethane (Freon 113)	mg/kg	3.7 U	4.5 U	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U
Vinyl chloride	mg/kg	3.7 U	**8.6**	4.4 U	4 U	0.0092 U	0.0078 U	3.9 U
Xylenes (total)	mg/kg	**100**	**3200**	**240**	**810**	**0.048**	**0.034**	**73**
Metals								
Arsenic	mg/kg	-	5.87 U	-	5.74 U	-	5.93 U	-
Barium	mg/kg	-	**88.2**	-	**18.9**	-	**37.4**	-
Cadmium	mg/kg	-	**15.9**	-	2.87 U	-	2.97 U	-
Chromium	mg/kg	-	**109**	-	**4.95**	-	**13.1**	-
Lead	mg/kg	-	**783**	-	**9.03**	-	**39.8**	-
Mercury	mg/kg	-	**1.00**	-	0.116 U	-	**0.180**	-
Selenium	mg/kg	-	5.87 U	-	5.74 U	-	5.93 U	-
Silver	mg/kg	-	**4.83**	-	2.87 U	-	2.97 U	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-90*	*B-90*	*B-91*	*B-91*	*B-92*	*B-92*	*B-93*
	Sample Name:	*S-012512-DJB-030*	*S-012512-DJB-031*	*S-012512-DJB-032*	*S-012512-DJB-033*	*S-012512-DJB-034*	*S-012512-DJB-035*	*S-012512-DJB-036*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
	Depth:	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*
Parameters	***Units***							
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	-	0.041 U	-	0.039 U	-	0.04 U	-
Aroclor-1221 (PCB-1221)	mg/kg	-	0.041 U	-	0.039 U	-	0.04 U	-
Aroclor-1232 (PCB-1232)	mg/kg	-	0.041 U	-	0.039 U	-	0.04 U	-
Aroclor-1242 (PCB-1242)	mg/kg	-	**67**	-	0.039 U	-	0.04 U	-
Aroclor-1248 (PCB-1248)	mg/kg	-	0.041 U	-	**0.23 J**	-	0.04 U	-
Aroclor-1254 (PCB-1254)	mg/kg	-	0.041 U	-	**0.34 J**	-	**0.12 J**	-
Aroclor-1260 (PCB-1260)	mg/kg	-	**2.1**	-	0.039 U	-	0.04 U	-
Wet								
Moisture content (dry weight)	%	**13.3**	**18.3**	**17.5**	**14.2**	**14.9**	**17.6**	**15.7**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-93*	*B-94*	*B-94*	*B-95*	*B-95*	*B-97*	*B-98*
	Sample Name:	*S-012512-DJB-037*	*S-012512-DJB-038*	*S-012512-DJB-039*	*S-012512-DJB-040*	*S-012512-DJB-041*	*S-012512-DJB-043*	*S-012512-DJB-044*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
	Depth:	*6-8 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*0-2 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	360	2.1 U	3	0.042	0.0054	0.0033 U	0.34
1,1,2,2-Tetrachloroethane	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,1,2-Trichloroethane	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,1-Dichloroethane	mg/kg	43	2.1 U	1.8 U	0.033	0.022	0.0033 U	0.2 U
1,1-Dichloroethene	mg/kg	23	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,2,4-Trichlorobenzene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,2-Dichlorobenzene	mg/kg	2.2 U	2.1 U	1.8 U	0.012	0.01	0.0033 U	0.2 U
1,2-Dichloroethane	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,2-Dichloropropane	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,3-Dichlorobenzene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,4-Dichlorobenzene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
1,4-Dioxane	mg/kg	65 U	63 U	55 U	0.11 U	0.11 U	0.1 U	6.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	22 U	21 U	48	0.038 U	0.056	0.033 U	2 U
2-Hexanone	mg/kg	4.3 U	4.2 U	3.7 U	0.0075 U	0.0086	0.0067 U	0.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	8.6	4.2 U	14	0.023	0.037	0.0067 U	0.4 U
Acetone	mg/kg	43 U	42 U	37 U	0.075 U	0.075 U	0.067 U	4 U
Benzene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Bromodichloromethane	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Bromoform	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Bromomethane (Methyl bromide)	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Carbon disulfide	mg/kg	4.3 U	4.2 U	3.7 U	0.0075 U	0.0075 U	0.0067 U	0.4 U
Carbon tetrachloride	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Chlorobenzene	mg/kg	6	2.1 U	1.8 U	0.0078	0.0047	0.0033 U	0.2 U
Chloroethane	mg/kg	4.3 U	4.2 U	3.7 U	0.014	0.026	0.0067 U	0.4 U
Chloroform (Trichloromethane)	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Chloromethane (Methyl chloride)	mg/kg	4.3 U	4.2 U	3.7 U	0.0075 U	0.0075 U	0.0067 U	0.4 U
cis-1,2-Dichloroethene	mg/kg	50	2.1 U	11	0.065	0.32	0.0035	1.6
cis-1,3-Dichloropropene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	B-93	B-94	B-94	B-95	B-95	B-97	B-98
	Sample Name:	S-012512-DJB-037	S-012512-DJB-038	S-012512-DJB-039	S-012512-DJB-040	S-012512-DJB-041	S-012512-DJB-043	S-012512-DJB-044
	Sample Date:	1/25/2012	1/25/2012	1/25/2012	1/25/2012	1/25/2012	1/25/2012	1/25/2012
	Depth:	6-8 ft BGS	0-2 ft BGS	10-12 ft BGS	0-2 ft BGS	4-6 ft BGS	1-3 ft BGS	0-2 ft BGS
Parameters	*Units*							
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	15	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Dibromochloromethane	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Dichlorodifluoromethane (CFC-12)	mg/kg	4.3 U	4.2 U	3.7 U	0.0075 U	0.0075 U	0.0067 U	0.4 U
Ethylbenzene	mg/kg	76	12	74	0.57	0.13	0.0033 U	0.2 U
Isopropyl benzene	mg/kg	3.9	2.1 U	3.8	0.011	0.0037 U	0.0033 U	0.2 U
Methyl acetate	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Methyl cyclohexane	mg/kg	65	2.1 U	2.6	0.057	0.0037 U	0.0033 U	0.2 U
Methyl tert butyl ether (MTBE)	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Methylene chloride	mg/kg	8.6 U	8.4 U	7.3 U	0.015 U	0.015 U	0.013 U	0.81 U
Styrene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Tetrachloroethene	mg/kg	9.4	2.1 U	4.6	0.053	0.0037 U	0.066	4.2
Toluene	mg/kg	680	22	220	0.91	1.3	0.0033 U	0.36
trans-1,2-Dichloroethene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
trans-1,3-Dichloropropene	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Trichloroethene	mg/kg	13	2.1 U	3.9	0.005	0.0037 U	0.0085	5.5
Trichlorofluoromethane (CFC-11)	mg/kg	2.2 U	2.1 U	1.8 U	0.0038 U	0.0037 U	0.0033 U	0.2 U
Trifluorotrichloroethane (Freon 113)	mg/kg	4.3 U	4.2 U	8.7	0.044	0.0075 U	0.0067 U	0.4 U
Vinyl chloride	mg/kg	4.3 U	4.2 U	3.7 U	0.0076	0.023	0.0067 U	0.4 U
Xylenes (total)	mg/kg	330	78	360	3.1	0.47	0.0033 U	0.25
Metals								
Arsenic	mg/kg	5.62 U	-	5.46 U	-	5.68 U	4.91 U	-
Barium	mg/kg	66.6	-	22.2	-	18.8	32.3	-
Cadmium	mg/kg	7.15	-	2.73 U	-	2.84 U	3.56	-
Chromium	mg/kg	47.2	-	3.66	-	5.19	2.59	-
Lead	mg/kg	408	-	6.74	-	5.79	5.53	-
Mercury	mg/kg	0.997	-	0.112 U	-	0.120 U	0.105 U	-
Selenium	mg/kg	5.62 U	-	5.46 U	-	5.68 U	4.91 U	-
Silver	mg/kg	2.81 U	-	2.73 U	-	2.84 U	2.46 U	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-93*	*B-94*	*B-94*	*B-95*	*B-95*	*B-97*	*B-98*
	Sample Name:	*S-012512-DJB-037*	*S-012512-DJB-038*	*S-012512-DJB-039*	*S-012512-DJB-040*	*S-012512-DJB-041*	*S-012512-DJB-043*	*S-012512-DJB-044*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*	*1/25/2012*
	Depth:	*6-8 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*4-6 ft BGS*	*1-3 ft BGS*	*0-2 ft BGS*
Parameters	***Units***							
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	0.038 U	-	0.038 U	-	0.04 U	0.035 U	-
Aroclor-1221 (PCB-1221)	mg/kg	0.038 U	-	0.038 U	-	0.04 U	0.035 U	-
Aroclor-1232 (PCB-1232)	mg/kg	0.038 U	-	0.038 U	-	0.04 U	0.035 U	-
Aroclor-1242 (PCB-1242)	mg/kg	0.038 U	-	0.038 U	-	0.04 U	0.035 U	-
Aroclor-1248 (PCB-1248)	mg/kg	0.038 U	-	99	-	0.04 U	0.035 U	-
Aroclor-1254 (PCB-1254)	mg/kg	2	-	0.038 U	-	0.04 U	0.035 U	-
Aroclor-1260 (PCB-1260)	mg/kg	0.038 U	-	0.038 U	-	0.04 U	0.035 U	-
Wet								
Moisture content (dry weight)	%	12.0	12.1	12.4	14.0	17.0	6.06	15.5

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-98*	*B-99*	*B-99*	*B-100*	*B-100*	*B-101*	*B-101*
	Sample Name:	*S-012512-DJB-045*	*S-012612-DJB-046*	*S-012612-DJB-047*	*S-012612-DJB-048*	*S-012612-DJB-049*	*S-020312-BCW-053*	*S-020312-BCW-054*
	Sample Date:	*1/25/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*6-7.5 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	mg/kg	**6.5**	2 U	**4**	0.0044 U	0.0044 U	**0.26**	**24**
1,1,2,2-Tetrachloroethane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
1,1,2-Trichloroethane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
1,1-Dichloroethane	mg/kg	**2.1**	2 U	1.9 U	0.0044 U	0.0044 U	**0.15**	0.31 U
1,1-Dichloroethene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.26 J**	**1**
1,2,4-Trichlorobenzene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.048**	0.31 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
1,2-Dichlorobenzene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.068**	0.31 U
1,2-Dichloroethane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
1,2-Dichloropropane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
1,3-Dichlorobenzene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.0051**	0.31 U
1,4-Dichlorobenzene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.012**	0.31 U
1,4-Dioxane	mg/kg	62 U	61 U	58 U	0.13 U	0.13 U	0.13 U	9.4 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	21 U	20 U	19 U	0.044 U	0.044 U	0.045 U	3.1 U
2-Hexanone	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	**8.1**	4.1 U	3.9 U	**0.01**	0.0089 U	0.009 U	0.63 U
Acetone	mg/kg	41 U	41 U	39 U	0.089 U	0.089 U	**0.1**	6.3 U
Benzene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Bromodichloromethane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Bromoform	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Bromomethane (Methyl bromide)	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Carbon disulfide	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U
Carbon tetrachloride	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Chlorobenzene	mg/kg	2.1 U	2 U	**4**	0.0044 U	0.0044 U	**0.027**	**0.37**
Chloroethane	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U
Chloroform (Trichloromethane)	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Chloromethane (Methyl chloride)	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U
cis-1,2-Dichloroethene	mg/kg	**57**	**14**	**12**	**0.029**	**0.011**	**1.2**	**11**
cis-1,3-Dichloropropene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-98*	*B-99*	*B-99*	*B-100*	*B-100*	*B-101*	*B-101*
	Sample Name:	*S-012512-DJB-045*	*S-012612-DJB-046*	*S-012612-DJB-047*	*S-012612-DJB-048*	*S-012612-DJB-049*	*S-020312-BCW-053*	*S-020312-BCW-054*
	Sample Date:	*1/25/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*6-7.5 ft BGS*
Parameters	***Units***							
Volatile Organic Compounds (cont'd)								
Cyclohexane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.13**	0.31 U
Dibromochloromethane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Dichlorodifluoromethane (CFC-12)	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U
Ethylbenzene	mg/kg	**7**	**2.3**	**24**	0.0044 U	0.0044 U	**0.39**	**57**
Isopropyl benzene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.33 J**	**2.6**
Methyl acetate	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Methyl cyclohexane	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.57 J**	**3.8**
Methyl tert butyl ether (MTBE)	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Methylene chloride	mg/kg	8.3 U	8.2 U	7.8 U	0.018 U	0.018 U	0.018 U	1.3 U
Styrene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Tetrachloroethene	mg/kg	**25**	**88**	**310**	0.0044 U	0.0044 U	**3.1**	**360**
Toluene	mg/kg	**120**	**56**	**210**	**0.012**	0.0044 U	**8.6 J**	**230**
trans-1,2-Dichloroethene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	**0.042**	0.31 U
trans-1,3-Dichloropropene	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Trichloroethene	mg/kg	**93**	**500**	**1300**	**0.015**	**0.0082**	**0.39**	**35**
Trichlorofluoromethane (CFC-11)	mg/kg	2.1 U	2 U	1.9 U	0.0044 U	0.0044 U	0.0045 U	0.31 U
Trifluorotrichloroethane (Freon 113)	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	**0.23 J**	0.63 U
Vinyl chloride	mg/kg	4.1 U	4.1 U	3.9 U	0.0089 U	0.0089 U	0.009 U	0.63 U
Xylenes (total)	mg/kg	**39**	**11**	**110**	0.0044 U	0.0044 U	**2.3**	**300**
Metals								
Arsenic	mg/kg	5.85 U	-	5.74 U	-	6.12 U	-	5.75 U
Barium	mg/kg	**34.7**	-	**31.0**	-	**16.3**	-	**26.9**
Cadmium	mg/kg	2.93 U	-	2.87 U	-	3.06 U	-	2.88 U
Chromium	mg/kg	**17.4**	-	**19.7**	-	3.06 U	-	2.88 U
Lead	mg/kg	**61.6**	-	**128**	-	**24.8**	-	**6.02**
Mercury	mg/kg	**0.192**	-	**0.162**	-	0.127 U	-	0.120 U
Selenium	mg/kg	5.85 U	-	5.74 U	-	6.12 U	-	5.75 U
Silver	mg/kg	2.93 U	-	2.87 U	-	3.06 U	-	2.88 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-98*	*B-99*	*B-99*	*B-100*	*B-100*	*B-101*	*B-101*
	Sample Name:	*S-012512-DJB-045*	*S-012612-DJB-046*	*S-012612-DJB-047*	*S-012612-DJB-048*	*S-012612-DJB-049*	*S-020312-BCW-053*	*S-020312-BCW-054*
	Sample Date:	*1/25/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*2-4 ft BGS*	*0-2 ft BGS*	*2-4 ft BGS*	*0-2 ft BGS*	*8-10 ft BGS*	*0-2 ft BGS*	*6-7.5 ft BGS*
Parameters	***Units***							
PCBs								
Aroclor-1016 (PCB-1016)	mg/kg	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U
Aroclor-1221 (PCB-1221)	mg/kg	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U
Aroclor-1232 (PCB-1232)	mg/kg	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U
Aroclor-1242 (PCB-1242)	mg/kg	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U
Aroclor-1248 (PCB-1248)	mg/kg	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U
Aroclor-1254 (PCB-1254)	mg/kg	**0.23**	-	**0.31**	-	0.043 U	-	**0.14**
Aroclor-1260 (PCB-1260)	mg/kg	0.04 U	-	0.038 U	-	0.043 U	-	0.04 U
Wet								
Moisture content (dry weight)	%	**16.4**	**15.3**	**13.4**	**22.0**	**21.8**	**28.0**	**17.4**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-102*	*B-102*	*B-103*	*B-103*	*B-104*	*B-104*
	Sample Name:	*S-020312-BCW-055*	*S-020312-BCW-056*	*S-020312-BCW-057*	*S-020312-BCW-058*	*S-020312-BCW-059*	*S-020312-BCW-060*
	Sample Date:	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-11 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*
Parameters	***Units***						
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	**0.012**
1,1,2,2-Tetrachloroethane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,1,2-Trichloroethane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,1-Dichloroethane	mg/kg	**0.0042**	0.2 U	**0.0092**	0.0046 U	0.0038 U	**0.025**
1,1-Dichloroethene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	**0.0049**
1,2,4-Trichlorobenzene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,2-Dichlorobenzene	mg/kg	0.0037 U	0.2 U	0.0045 U	**0.1**	0.0038 U	0.004 U
1,2-Dichloroethane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,2-Dichloropropane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
1,3-Dichlorobenzene	mg/kg	0.0037 U	0.2 U	0.0045 U	**0.0068**	0.0038 U	0.004 U
1,4-Dichlorobenzene	mg/kg	0.0037 U	0.2 U	0.0045 U	**0.029**	0.0038 U	0.004 U
1,4-Dioxane	mg/kg	0.11 U	6 U	**0.42**	0.14 U	0.11 U	**0.15**
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.037 U	2 U	**0.053**	0.046 U	0.038 U	**0.64**
2-Hexanone	mg/kg	0.0075 U	0.4 U	0.0089 U	0.0092 U	0.0076 U	0.008 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.0075 U	0.4 U	**0.052**	0.0092 U	0.0076 U	**0.21**
Acetone	mg/kg	0.075 U	4 U	0.089 U	0.092 U	0.076 U	**1.2**
Benzene	mg/kg	0.0037 U	0.2 U	**0.0073**	0.0046 U	0.0038 U	**0.018**
Bromodichloromethane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Bromoform	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Bromomethane (Methyl bromide)	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Carbon disulfide	mg/kg	0.0075 U	0.4 U	0.0089 U	0.0092 U	0.0076 U	0.008 U
Carbon tetrachloride	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Chlorobenzene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Chloroethane	mg/kg	0.0075 U	0.4 U	0.0089 U	0.0092 U	0.0076 U	0.008 U
Chloroform (Trichloromethane)	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Chloromethane (Methyl chloride)	mg/kg	0.0075 U	0.4 U	0.0089 U	0.0092 U	0.0076 U	0.008 U
cis-1,2-Dichloroethene	mg/kg	**0.028**	0.2 U	**1.6**	**0.13**	**0.016**	**3.5**
cis-1,3-Dichloropropene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-102*	*B-102*	*B-103*	*B-103*	*B-104*	*B-104*
	Sample Name:	*S-020312-BCW-055*	*S-020312-BCW-056*	*S-020312-BCW-057*	*S-020312-BCW-058*	*S-020312-BCW-059*	*S-020312-BCW-060*
	Sample Date:	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-11 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*
Parameters	***Units***						
Volatile Organic Compounds (cont'd)							
Cyclohexane	mg/kg	0.0037 U	0.2 U	0.0045 U	**0.1**	0.0038 U	0.004 U
Dibromochloromethane	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.0075 U	0.4 U	0.0089 U	0.0092 U	0.0076 U	0.008 U
Ethylbenzene	mg/kg	0.0037 U	**3.1**	**0.024**	**2.8**	0.0038 U	**0.02**
Isopropyl benzene	mg/kg	0.0037 U	**1.1**	0.0045 U	**1.3**	0.0038 U	0.004 U
Methyl acetate	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Methyl cyclohexane	mg/kg	0.0037 U	**21**	**0.011**	**4.7**	0.0038 U	**0.015**
Methyl tert butyl ether (MTBE)	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Methylene chloride	mg/kg	0.015 U	0.8 U	0.018 U	0.018 U	0.015 U	0.016 U
Styrene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Tetrachloroethene	mg/kg	**0.11**	**0.28**	**0.013**	**0.018**	**0.045**	0.004 U
Toluene	mg/kg	**0.0047**	0.2 U	**0.087**	**0.02**	0.0038 U	**0.9**
trans-1,2-Dichloroethene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
trans-1,3-Dichloropropene	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Trichloroethene	mg/kg	**0.02**	0.2 U	**0.026**	0.0046 U	0.0038 U	0.004 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.0037 U	0.2 U	0.0045 U	0.0046 U	0.0038 U	0.004 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.0075 U	0.4 U	0.0089 U	0.0092 U	0.0076 U	0.008 U
Vinyl chloride	mg/kg	0.0075 U	0.4 U	**0.03**	0.0092 U	0.0076 U	**0.017**
Xylenes (total)	mg/kg	**0.0075**	**1.5**	**0.11**	**8.4**	**0.0054**	**0.12**
Metals							
Arsenic	mg/kg	-	6.44 U	-	5.77 U	-	6.02 U
Barium	mg/kg	-	**44.3**	-	**49.8**	-	**22.0**
Cadmium	mg/kg	-	3.22 U	-	2.89 U	-	3.01 U
Chromium	mg/kg	-	**5.35**	-	2.89 U	-	3.01 U
Lead	mg/kg	-	**34.8**	-	**12.8**	-	**8.13**
Mercury	mg/kg	-	0.130 U	-	0.115 U	-	0.124 U
Selenium	mg/kg	-	6.44 U	-	5.77 U	-	6.02 U
Silver	mg/kg	-	3.22 U	-	2.89 U	-	3.01 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-102*	*B-102*	*B-103*	*B-103*	*B-104*	*B-104*
	Sample Name:	*S-020312-BCW-055*	*S-020312-BCW-056*	*S-020312-BCW-057*	*S-020312-BCW-058*	*S-020312-BCW-059*	*S-020312-BCW-060*
	Sample Date:	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*0-2 ft BGS*	*4-6 ft BGS*	*0-2 ft BGS*	*8-11 ft BGS*	*0-2 ft BGS*	*6-8 ft BGS*
Parameters	***Units***						
PCBs							
Aroclor-1016 (PCB-1016)	mg/kg	-	0.043 U	-	0.039 U	-	0.041 U
Aroclor-1221 (PCB-1221)	mg/kg	-	0.043 U	-	0.039 U	-	0.041 U
Aroclor-1232 (PCB-1232)	mg/kg	-	0.043 U	-	0.039 U	-	0.041 U
Aroclor-1242 (PCB-1242)	mg/kg	-	0.043 U	-	0.039 U	-	0.041 U
Aroclor-1248 (PCB-1248)	mg/kg	-	0.043 U	-	0.039 U	-	0.041 U
Aroclor-1254 (PCB-1254)	mg/kg	-	0.043 U	-	0.039 U	-	0.041 U
Aroclor-1260 (PCB-1260)	mg/kg	-	**0.12**	-	0.039 U	-	0.041 U
Wet							
Moisture content (dry weight)	%	**18.4**	**23.2**	**21.7**	**15.6**	**14.8**	**19.7**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-105*	*B-105*	*B-106*	*B-106*	*B-107*	*B-108*
	Sample Name:	*S-020312-BCW-061*	*S-020312-BCW-062*	*S-020312-BCW-063*	*S-020312-BCW-064*	*S-020312-BCW-065*	*S-020312-BCW-066*
	Sample Date:	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*1-4 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameters	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,1,2,2-Tetrachloroethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,1,2-Trichloroethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,1-Dichloroethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,1-Dichloroethene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,2,4-Trichlorobenzene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,2-Dichlorobenzene	mg/kg	0.0037 U	0.0042 U	0.0039 U	**83**	0.0046 U	0.0036 U
1,2-Dichloroethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,2-Dichloropropane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,3-Dichlorobenzene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,4-Dichlorobenzene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
1,4-Dioxane	mg/kg	0.11 U	0.12 U	0.12 U	640 U	0.14 U	0.11 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	**0.064**	0.042 U	0.039 U	**1000**	0.046 U	0.036 U
2-Hexanone	mg/kg	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	**0.017**	0.0083 U	0.0078 U	**1100**	0.0093 U	0.0072 U
Acetone	mg/kg	**0.34 J**	0.083 U	0.078 U	430 U	**0.12**	0.072 U
Benzene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Bromodichloromethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Bromoform	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Bromomethane (Methyl bromide)	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Carbon disulfide	mg/kg	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U
Carbon tetrachloride	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Chlorobenzene	mg/kg	0.0037 U	0.0042 U	**0.012**	21 U	0.0046 U	0.0036 U
Chloroethane	mg/kg	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U
Chloroform (Trichloromethane)	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Chloromethane (Methyl chloride)	mg/kg	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U
cis-1,2-Dichloroethene	mg/kg	0.0037 U	0.0042 U	**0.46**	**170**	0.0046 U	0.0036 U
cis-1,3-Dichloropropene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-105*	*B-105*	*B-106*	*B-106*	*B-107*	*B-108*
	Sample Name:	*S-020312-BCW-061*	*S-020312-BCW-062*	*S-020312-BCW-063*	*S-020312-BCW-064*	*S-020312-BCW-065*	*S-020312-BCW-066*
	Sample Date:	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*1-4 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameters	***Units***						
Volatile Organic Compounds (cont'd)							
Cyclohexane	mg/kg	**0.018**	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Dibromochloromethane	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U
Ethylbenzene	mg/kg	0.0037 U	0.0042 U	**0.021**	**290**	0.0046 U	0.0036 U
Isopropyl benzene	mg/kg	0.0037 U	0.0042 U	0.0039 U	**22**	0.0046 U	0.0036 U
Methyl acetate	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Methyl cyclohexane	mg/kg	**0.045**	**0.0088**	0.0039 U	21 U	0.0046 U	0.0036 U
Methyl tert butyl ether (MTBE)	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Methylene chloride	mg/kg	0.015 U	0.017 U	0.016 U	**270**	0.019 U	0.014 U
Styrene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Tetrachloroethene	mg/kg	0.0037 U	0.0042 U	**0.011**	**830**	0.0046 U	**0.0069**
Toluene	mg/kg	**0.0041**	0.0042 U	**2.2**	**2100**	0.0046 U	0.0036 U
trans-1,2-Dichloroethene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
trans-1,3-Dichloropropene	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Trichloroethene	mg/kg	0.0037 U	0.0042 U	0.0039 U	**4900**	0.0046 U	0.0036 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.0037 U	0.0042 U	0.0039 U	21 U	0.0046 U	0.0036 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.0075 U	0.0083 U	0.0078 U	43 U	0.0093 U	0.0072 U
Vinyl chloride	mg/kg	0.0075 U	0.0083 U	**0.07**	43 U	0.0093 U	0.0072 U
Xylenes (total)	mg/kg	0.0037 U	0.0042 U	**0.15**	**2000**	0.0046 U	0.0036 U
Metals							
Arsenic	mg/kg	-	5.79 U	-	6.27 U	-	-
Barium	mg/kg	-	**34.4**	-	**42.9**	-	-
Cadmium	mg/kg	-	2.90 U	-	**22.1**	-	-
Chromium	mg/kg	-	**9.08**	-	**79.5**	-	-
Lead	mg/kg	-	**10.3**	-	**367**	-	-
Mercury	mg/kg	-	0.117 U	-	**0.676**	-	-
Selenium	mg/kg	-	5.79 U	-	6.27 U	-	-
Silver	mg/kg	-	2.90 U	-	3.14 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-105*	*B-105*	*B-106*	*B-106*	*B-107*	*B-108*
	Sample Name:	*S-020312-BCW-061*	*S-020312-BCW-062*	*S-020312-BCW-063*	*S-020312-BCW-064*	*S-020312-BCW-065*	*S-020312-BCW-066*
	Sample Date:	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*1-4 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*10-12 ft BGS*	*0-2 ft BGS*	*0-2 ft BGS*
Parameters	***Units***						
PCBs							
Aroclor-1016 (PCB-1016)	mg/kg	-	0.039 U	-	0.042 U	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	0.039 U	-	0.042 U	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	0.039 U	-	0.042 U	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	0.039 U	-	**10**	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	0.039 U	-	0.042 U	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	0.039 U	-	**8.1**	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	0.039 U	-	**2.3**	-	-
Wet							
Moisture content (dry weight)	%	**7.96**	**14.6**	**18.2**	**20.4**	**17.8**	**19.1**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-109*	*sump#1*	*sump#2*	*sump#3*
	Sample Name:	*S-020312-BCW-067*	*S-012612-DJB-050*	*S-012612-DJB-051*	*S-012612-DJB-052*
	Sample Date:	*2/3/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*
	Depth:	*0-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	mg/kg	0.0042 U	**0.029 J**	0.012 U	**0.15**
1,1,2,2-Tetrachloroethane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,1,2-Trichloroethane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,1-Dichloroethane	mg/kg	0.0042 U	**0.077 J**	0.012 U	**0.024**
1,1-Dichloroethene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	**0.027**
1,2,4-Trichlorobenzene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dichlorobenzene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dichloroethane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,2-Dichloropropane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,3-Dichlorobenzene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,4-Dichlorobenzene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
1,4-Dioxane	mg/kg	0.13 U	0.25 UJ	0.35 U	0.22 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.042 U	**1.2 J**	**0.45**	0.075 U
2-Hexanone	mg/kg	0.0084 U	**0.19 J**	0.024 U	0.015 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.0084 U	**0.04 J**	**0.033**	0.015 U
Acetone	mg/kg	**0.096**	**2.7 J**	**2.9 J**	**0.41**
Benzene	mg/kg	0.0042 U	**0.021 J**	**0.025**	0.0075 U
Bromodichloromethane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Bromoform	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Bromomethane (Methyl bromide)	mg/kg	0.0042 U	0.0084 UJ	**0.12**	0.0075 U
Carbon disulfide	mg/kg	0.0084 U	0.017 UJ	0.024 U	0.015 U
Carbon tetrachloride	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Chlorobenzene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Chloroethane	mg/kg	0.0084 U	0.017 UJ	0.024 U	0.015 U
Chloroform (Trichloromethane)	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Chloromethane (Methyl chloride)	mg/kg	0.0084 U	0.017 UJ	0.024 U	0.015 U
cis-1,2-Dichloroethene	mg/kg	0.0042 U	**0.092 J**	0.012 U	**0.43**
cis-1,3-Dichloropropene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-109*	*sump#1*	*sump#2*	*sump#3*
	Sample Name:	*S-020312-BCW-067*	*S-012612-DJB-050*	*S-012612-DJB-051*	*S-012612-DJB-052*
	Sample Date:	*2/3/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*
	Depth:	*0-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameters	***Units***				
Volatile Organic Compounds (cont'd)					
Cyclohexane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Dibromochloromethane	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.0084 U	0.017 UJ	0.024 U	0.015 U
Ethylbenzene	mg/kg	0.0042 U	**0.03 J**	0.012 U	0.0075 U
Isopropyl benzene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Methyl acetate	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Methyl cyclohexane	mg/kg	0.0042 U	**0.017 J**	0.012 U	**0.011**
Methyl tert butyl ether (MTBE)	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Methylene chloride	mg/kg	0.017 U	0.034 UJ	0.047 U	0.03 U
Styrene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Tetrachloroethene	mg/kg	0.0042 U	**0.42**	**0.048**	**1.9**
Toluene	mg/kg	0.0042 U	**0.057 J**	**0.013**	**0.018**
trans-1,2-Dichloroethene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
trans-1,3-Dichloropropene	mg/kg	0.0042 U	0.0084 UJ	0.012 U	0.0075 U
Trichloroethene	mg/kg	0.0042 U	**0.068 J**	0.012 U	**0.35**
Trichlorofluoromethane (CFC-11)	mg/kg	0.0042 U	0.0084 UJ	0.012 U	**0.031**
Trifluorotrichloroethane (Freon 113)	mg/kg	0.0084 U	0.017 UJ	0.024 U	**0.053**
Vinyl chloride	mg/kg	0.0084 U	0.017 UJ	0.024 U	**0.031**
Xylenes (total)	mg/kg	0.0042 U	**0.12 J**	0.012 U	**0.019**
Metals					
Arsenic	mg/kg	-	**11.7**	**19.0**	7.28 U
Barium	mg/kg	-	**1290**	**940**	**1050**
Cadmium	mg/kg	-	**7.49**	**18.2**	**27.6**
Chromium	mg/kg	-	**187**	**263**	**178**
Lead	mg/kg	-	**1160**	**2090**	**3120**
Mercury	mg/kg	-	**3.30**	**4.46**	**5.58**
Selenium	mg/kg	-	6.92 U	11.3 U	7.28 U
Silver	mg/kg	-	3.46 U	5.67 U	3.64 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-109*	*sump#1*	*sump#2*	*sump#3*
	Sample Name:	*S-020312-BCW-067*	*S-012612-DJB-050*	*S-012612-DJB-051*	*S-012612-DJB-052*
	Sample Date:	*2/3/2012*	*1/26/2012*	*1/26/2012*	*1/26/2012*
	Depth:	*0-2 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*	*0-1 ft BGS*
Parameters	*Units*				
PCBs					
Aroclor-1016 (PCB-1016)	mg/kg	-	0.51 U	0.8 U	0.049 U
Aroclor-1221 (PCB-1221)	mg/kg	-	0.51 U	0.8 U	0.049 U
Aroclor-1232 (PCB-1232)	mg/kg	-	0.51 U	0.8 U	0.049 U
Aroclor-1242 (PCB-1242)	mg/kg	-	0.51 U	0.8 U	0.049 U
Aroclor-1248 (PCB-1248)	mg/kg	-	0.51 U	0.8 U	0.049 U
Aroclor-1254 (PCB-1254)	mg/kg	-	0.51 U	0.8 U	0.049 U
Aroclor-1260 (PCB-1260)	mg/kg	-	0.51 U	**3.1**	**1.6**
Wet					
Moisture content (dry weight)	%	**21.4**	**34.2**	**58.5**	**31.7**

Notes:

-	Not analyzed
ft BGS	Feet Below Ground Surface.
J	Estimated.
NC	No criteria
RRS	Risk Reduction Standards
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3B

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	B-75	B-77	B-81	B-84	B-86	B-88	B-92
	Sample Name:	S-012312-DJB-002	S-012312-DJB-006	S-012412-DJB-013	S-012412-DJB-302	S-012412-DJB-304	S-012412-DJB-027	S-012512-DJB-309
	Sample Date:	1/22/2012	1/23/2012	1/24/2012	1/24/2012	1/24/2012	1/23/2012	1/25/2012
	Depth:	3-5 ft BGS	2-4.5 ft BGS	4-6 ft BGS	14-16 ft BGS	10-12 ft BGS	2-4 ft BGS	14-16 ft BGS
Parameters	Units							
Volatile Organic Compounds - SPLP								
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 UJ	5.0 U	**250**	1.8 J	5.0 U	5.0 UJ
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,1-Dichloroethane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,1-Dichloroethene	µg/L	5.0 U	5.0 UJ	5.0 U	**13**	5.0 U	5.0 U	5.0 UJ
1,2,4-Trichlorobenzene	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,2-Dibromoethane (Ethylene dibromide)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,2-Dichlorobenzene	µg/L	**6.2**	5.0 UJ	1.8 J	**28**	5.0 U	**12**	5.0 UJ
1,2-Dichloroethane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,2-Dichloropropane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
1,3-Dichlorobenzene	µg/L	5.0 U	5.0 UJ	5.0 U	1.2 J	5.0 U	5.0 U	5.0 UJ
1,4-Dichlorobenzene	µg/L	5.0 U	5.0 UJ	5.0 U	**6.7**	5.0 U	5.0 U	5.0 UJ
1,4-Dioxane	µg/L	150 U	150 UJ	150 U	150 U	150 U	150 U	150 UJ
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	50 U	50 UJ	50 U	23 J	50 U	50 U	50 UJ
2-Hexanone	µg/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 UJ	10 U	**50**	10 U	10 U	10 UJ
Acetone	µg/L	50 U	50 UJ	29 J	19 J	50 U	50 U	50 UJ
Benzene	µg/L	5.0 U	5.0 UJ	5.0 U	**73**	5.0 U	5.0 U	5.0 UJ
Bromodichloromethane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Bromoform	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Carbon disulfide	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Carbon tetrachloride	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Chlorobenzene	µg/L	5.0 U	5.0 UJ	5.0 U	**12**	5.0 U	5.0 U	5.0 UJ
Chloroethane	µg/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Chloromethane (Methyl chloride)	µg/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ
cis-1,2-Dichloroethene	µg/L	5.0 U	5.0 UJ	5.0 U	**200**	**6.2**	5.0 U	5.0 UJ
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ

TABLE 3B

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-75*	*B-77*	*B-81*	*B-84*	*B-86*	*B-88*	*B-92*
	Sample Name:	*S-012312-DJB-002*	*S-012312-DJB-006*	*S-012412-DJB-013*	*S-012412-DJB-302*	*S-012412-DJB-304*	*S-012412-DJB-027*	*S-012512-DJB-309*
	Sample Date:	*1/22/2012*	*1/23/2012*	*1/24/2012*	*1/24/2012*	*1/24/2012*	*1/23/2012*	*1/25/2012*
	Depth:	*3-5 ft BGS*	*2-4.5 ft BGS*	*4-6 ft BGS*	*14-16 ft BGS*	*10-12 ft BGS*	*2-4 ft BGS*	*14-16 ft BGS*
Parameters	*Units*							
Volatile Organic Compounds - SPLP (cont'd)								
Cyclohexane	µg/L	5.0 U	5.0 UJ	5.0 U	**49**	5.0 U	5.0 U	5.0 UJ
Dibromochloromethane	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Dichlorodifluoromethane (CFC-12)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Ethylbenzene	µg/L	**9.4**	5.0 UJ	**14**	**740**	5.0 U	**38**	5.0 UJ
Isopropyl benzene	µg/L	5.0 U	5.0 UJ	3.3 J	**65**	5.0 U	**20**	5.0 UJ
Methyl acetate	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Methyl cyclohexane	µg/L	**7.8**	5.0 UJ	5.0 U	**130**	5.0 U	**7.4**	5.0 UJ
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Methylene chloride	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	**22**	5.0 U	**13 J**
Styrene	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Tetrachloroethene	µg/L	5.0 U	5.0 UJ	5.0 U	**650**	2.2 J	5.0 U	5.0 UJ
Toluene	µg/L	**6.3**	5.0 UJ	5.0 U	**6300**	1.9 J	5.0 U	5.0 UJ
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Trichloroethene	µg/L	5.0 U	5.0 UJ	5.0 U	**870**	**6.1**	5.0 U	5.0 UJ
Trichlorofluoromethane (CFC-11)	µg/L	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Trifluorotrichloroethane (Freon 113)	µg/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ
Vinyl chloride	µg/L	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ
Xylenes (total)	µg/L	**43**	5.0 UJ	**81**	**4000**	**12**	5.0 U	5.0 UJ

Notes:

ft BGS	Feet Below Ground Surface.
J	Estimated.
SPLP	Synthetic Precipitation Leaching Procedure.
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 3B

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-95*	*B-96*	*B-98*	*B-102*	*B-103*
	Sample Name:	*S-012512-DJB-312*	*S-012512-DJB-042*	*S-012512-DJB-313*	*S-020312-BCW-056*	*S-020312-BCW-058*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*12-14 ft BGS*	*5-7 ft BGS*	*12-14 ft BGS*	*4-6 ft BGS*	*8-11 ft BGS*
Parameters	*Units*					
Volatile Organic Compounds - SPLP						
1,1,1-Trichloroethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,1,2,2-Tetrachloroethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,1,2-Trichloroethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,1-Dichloroethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,1-Dichloroethene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,2,4-Trichlorobenzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,2-Dibromoethane (Ethylene dibromide)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,2-Dichlorobenzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	**6.7 J**
1,2-Dichloroethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,2-Dichloropropane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,3-Dichlorobenzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,4-Dichlorobenzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
1,4-Dioxane	µg/L	150 UJ	150 U	150 UJ	150 UJ	150 UJ
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	50 UJ	50 U	50 UJ	50 UJ	50 UJ
2-Hexanone	µg/L	10 UJ	10 U	10 UJ	10 UJ	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	**17 J**	10 U	10 UJ	10 UJ	10 UJ
Acetone	µg/L	50 UJ	50 U	50 UJ	50 UJ	50 UJ
Benzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Bromodichloromethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Bromoform	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Bromomethane (Methyl bromide)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Carbon disulfide	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Carbon tetrachloride	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Chlorobenzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Chloroethane	µg/L	10 UJ	10 U	10 UJ	10 UJ	10 UJ
Chloroform (Trichloromethane)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Chloromethane (Methyl chloride)	µg/L	10 UJ	10 U	10 UJ	10 UJ	10 UJ
cis-1,2-Dichloroethene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
cis-1,3-Dichloropropene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ

TABLE 3B

ANALYTICAL RESULTS SUMMARY
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

	Location ID:	*B-95*	*B-96*	*B-98*	*B-102*	*B-103*
	Sample Name:	*S-012512-DJB-312*	*S-012512-DJB-042*	*S-012512-DJB-313*	*S-020312-BCW-056*	*S-020312-BCW-058*
	Sample Date:	*1/25/2012*	*1/25/2012*	*1/25/2012*	*2/3/2012*	*2/3/2012*
	Depth:	*12-14 ft BGS*	*5-7 ft BGS*	*12-14 ft BGS*	*4-6 ft BGS*	*8-11 ft BGS*
Parameters	***Units***					
Volatile Organic Compounds - SPLP (cont'd)						
Cyclohexane	µg/L	5.0 UJ	5.0 U	5.0 UJ	**7.0 J**	5.0 UJ
Dibromochloromethane	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Dichlorodifluoromethane (CFC-12)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Ethylbenzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	**9.5 J**	**14 J**
Isopropyl benzene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	**9.5 J**
Methyl acetate	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Methyl cyclohexane	µg/L	5.0 UJ	5.0 U	5.0 UJ	**28 J**	5.0 UJ
Methyl tert butyl ether (MTBE)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Methylene chloride	µg/L	5.0 UJ	**30**	**44 J**	**12 J**	5.0 UJ
Styrene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Tetrachloroethene	µg/L	5.0 UJ	**6.1**	5.0 UJ	5.0 UJ	5.0 UJ
Toluene	µg/L	**67 J**	5.0 U	**6.3 J**	5.0 UJ	5.0 UJ
trans-1,2-Dichloroethene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
trans-1,3-Dichloropropene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Trichloroethene	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Trichlorofluoromethane (CFC-11)	µg/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Trifluorotrichloroethane (Freon 113)	µg/L	10 UJ	10 U	10 UJ	10 UJ	10 UJ
Vinyl chloride	µg/L	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Xylenes (total)	µg/L	**9.7 J**	**15**	5.0 UJ	**9.8 J**	**53 J**

Notes:

ft BGS	Feet Below Ground Surface.
J	Estimated.
SPLP	Synthetic Precipitation Leaching Procedure.
U	Not detected
UJ	Not detected, estimated reporting limit

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs	Ethylbenzene	S-012312-DJB-006	15	14	5.0 UJ	µg/L
	Styrene				5.0 UJ	µg/L
	cis-1,3-Dichloropropene				5.0 UJ	µg/L
	trans-1,3-Dichloropropene				5.0 UJ	µg/L
	1,4-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromoethane (Ethylene dibromide)				5.0 UJ	µg/L
	1,2-Dichloroethane				5.0 UJ	µg/L
	4-Methyl-2-pentanone				10 UJ	µg/L
	Methyl cyclohexane				5.0 UJ	µg/L
	Toluene				5.0 UJ	µg/L
	Chlorobenzene				5.0 UJ	µg/L
	Cyclohexane				5.0 UJ	µg/L
	1,2,4-Trichlorobenzene				5.0 UJ	µg/L
	1,4-Dioxane				150 UJ	µg/L
	Dibromochloromethane				5.0 UJ	µg/L
	Tetrachloroethene				5.0 UJ	µg/L
	Xylenes (total)				5.0 UJ	µg/L
	cis-1,2-Dichloroethene				5.0 UJ	µg/L
	trans-1,2-Dichloroethene				5.0 UJ	µg/L
	Methyl tert butyl ether (MTBE)				5.0 UJ	µg/L
	1,3-Dichlorobenzene				5.0 UJ	µg/L
	Carbon tetrachloride				5.0 UJ	µg/L
	2-Hexanone				10 UJ	µg/L
	Acetone				50 UJ	µg/L
	Chloroform (Trichloromethane)				5.0 UJ	µg/L
	Benzene				5.0 UJ	µg/L
	1,1,1-Trichloroethane				5.0 UJ	µg/L
	Bromomethane (Methyl bromide)				5.0 UJ	µg/L
	Chloromethane (Methyl chloride)				10 UJ	µg/L
	Chloroethane				10 UJ	µg/L
	Vinyl chloride				2.0 UJ	µg/L
	Methylene chloride				5.0 UJ	µg/L
	Carbon disulfide				5.0 UJ	µg/L
	Bromoform				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	Bromodichloromethane				5.0 UJ	µg/L
	1,1-Dichloroethane				5.0 UJ	µg/L
	1,1-Dichloroethene				5.0 UJ	µg/L
	Trichlorofluoromethane (CFC-11)				5.0 UJ	µg/L
	Dichlorodifluoromethane (CFC-12)				5.0 UJ	µg/L
	Trifluorotrichloroethane (Freon 113)				10 UJ	µg/L
	1,2-Dichloropropane				5.0 UJ	µg/L
	2-Butanone				50 UJ	µg/L
	1,1,2-Trichloroethane				5.0 UJ	µg/L
	Trichloroethene				5.0 UJ	µg/L
	Methyl acetate				5.0 UJ	µg/L
	1,1,2,2-Tetrachloroethane				5.0 UJ	µg/L
	1,2-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromo-3-chloropropane (DBCP)				5.0 UJ	µg/L
	Isopropyl benzene				5.0 UJ	µg/L
SPLP VOCs	Ethylbenzene	S-012512-DJB-309	16	14	5.0 UJ	µg/L
	Styrene				5.0 UJ	µg/L
	cis-1,3-Dichloropropene				5.0 UJ	µg/L
	trans-1,3-Dichloropropene				5.0 UJ	µg/L
	1,4-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromoethane (Ethylene dibromide)				5.0 UJ	µg/L
	1,2-Dichloroethane				5.0 UJ	µg/L
	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)				10 UJ	µg/L
	Methyl cyclohexane				5.0 UJ	µg/L
	Toluene				5.0 UJ	µg/L
	Chlorobenzene				5.0 UJ	µg/L
	Cyclohexane				5.0 UJ	µg/L
	1,2,4-Trichlorobenzene				5.0 UJ	µg/L
	1,4-Dioxane				150 UJ	µg/L
	Dibromochloromethane				5.0 UJ	µg/L
	Tetrachloroethene				5.0 UJ	µg/L
	Xylenes (total)				5.0 UJ	µg/L
	cis-1,2-Dichloroethene				5.0 UJ	µg/L
	trans-1,2-Dichloroethene				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	Methyl tert butyl ether (MTBE)				5.0 UJ	µg/L
	1,3-Dichlorobenzene				5.0 UJ	µg/L
	Carbon tetrachloride				5.0 UJ	µg/L
	2-Hexanone				10 UJ	µg/L
	Acetone				50 UJ	µg/L
	Chloroform (Trichloromethane)				5.0 UJ	µg/L
	Benzene				5.0 UJ	µg/L
	1,1,1-Trichloroethane				5.0 UJ	µg/L
	Bromomethane (Methyl bromide)				5.0 UJ	µg/L
	Chloromethane (Methyl chloride)				10 UJ	µg/L
	Chloroethane				10 UJ	µg/L
	Vinyl chloride				2.0 UJ	µg/L
	Methylene chloride				13 J	µg/L
	Carbon disulfide				5.0 UJ	µg/L
	Bromoform				5.0 UJ	µg/L
	Bromodichloromethane				5.0 UJ	µg/L
	1,1-Dichloroethane				5.0 UJ	µg/L
	1,1-Dichloroethene				5.0 UJ	µg/L
	Trichlorofluoromethane (CFC-11)				5.0 UJ	µg/L
	Dichlorodifluoromethane (CFC-12)				5.0 UJ	µg/L
	Trifluorotrichloroethane (Freon 113)				10 UJ	µg/L
	1,2-Dichloropropane				5.0 UJ	µg/L
	2-Butanone (Methyl ethyl ketone) (MEK)				50 UJ	µg/L
	1,1,2-Trichloroethane				5.0 UJ	µg/L
	Trichloroethene				5.0 UJ	µg/L
	Methyl acetate				5.0 UJ	µg/L
	1,1,2,2-Tetrachloroethane				5.0 UJ	µg/L
	1,2-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromo-3-chloropropane (DBCP)				5.0 UJ	µg/L
	Isopropyl benzene				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	Ethylbenzene	S-012512-DJB-312	16	14	5.0 UJ	µg/L
	Styrene				5.0 UJ	µg/L
	cis-1,3-Dichloropropene				5.0 UJ	µg/L
	trans-1,3-Dichloropropene				5.0 UJ	µg/L
	1,4-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromoethane (Ethylene dibromide)				5.0 UJ	µg/L
	1,2-Dichloroethane				5.0 UJ	µg/L
	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)				17 J	µg/L
	Methyl cyclohexane				5.0 UJ	µg/L
	Toluene				67 J	µg/L
	Chlorobenzene				5.0 UJ	µg/L
	Cyclohexane				5.0 UJ	µg/L
	1,2,4-Trichlorobenzene				5.0 UJ	µg/L
	1,4-Dioxane				150 UJ	µg/L
	Dibromochloromethane				5.0 UJ	µg/L
	Tetrachloroethene				5.0 UJ	µg/L
	Xylenes (total)				9.7 J	µg/L
	cis-1,2-Dichloroethene				5.0 UJ	µg/L
	trans-1,2-Dichloroethene				5.0 UJ	µg/L
	Methyl tert butyl ether (MTBE)				5.0 UJ	µg/L
	1,3-Dichlorobenzene				5.0 UJ	µg/L
	Carbon tetrachloride				5.0 UJ	µg/L
	2-Hexanone				10 UJ	µg/L
	Acetone				50 UJ	µg/L
	Chloroform (Trichloromethane)				5.0 UJ	µg/L
	Benzene				5.0 UJ	µg/L
	1,1,1-Trichloroethane				5.0 UJ	µg/L
	Bromomethane (Methyl bromide)				5.0 UJ	µg/L
	Chloromethane (Methyl chloride)				10 UJ	µg/L
	Chloroethane				10 UJ	µg/L
	Vinyl chloride				2.0 UJ	µg/L
	Methylene chloride				5.0 UJ	µg/L
	Carbon disulfide				5.0 UJ	µg/L
	Bromoform				5.0 UJ	µg/L
	Bromodichloromethane				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	1,1-Dichloroethane				5.0 UJ	µg/L
	1,1-Dichloroethene				5.0 UJ	µg/L
	Trichlorofluoromethane (CFC-11)				5.0 UJ	µg/L
	Dichlorodifluoromethane (CFC-12)				5.0 UJ	µg/L
	Trifluorotrichloroethane (Freon 113)				10 UJ	µg/L
	1,2-Dichloropropane				5.0 UJ	µg/L
	2-Butanone (Methyl ethyl ketone) (MEK)				50 UJ	µg/L
	1,1,2-Trichloroethane				5.0 UJ	µg/L
	Trichloroethene				5.0 UJ	µg/L
	Methyl acetate				5.0 UJ	µg/L
	1,1,2,2-Tetrachloroethane				5.0 UJ	µg/L
	1,2-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromo-3-chloropropane (DBCP)				5.0 UJ	µg/L
	Isopropyl benzene				5.0 UJ	µg/L
SPLP VOCs	Ethylbenzene	S-012512-DJB-313	16	14	5.0 UJ	µg/L
	Styrene				5.0 UJ	µg/L
	cis-1,3-Dichloropropene				5.0 UJ	µg/L
	trans-1,3-Dichloropropene				5.0 UJ	µg/L
	1,4-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromoethane (Ethylene dibromide)				5.0 UJ	µg/L
	1,2-Dichloroethane				5.0 UJ	µg/L
	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)				10 UJ	µg/L
	Methyl cyclohexane				5.0 UJ	µg/L
	Toluene				6.3 J	µg/L
	Chlorobenzene				5.0 UJ	µg/L
	Cyclohexane				5.0 UJ	µg/L
	1,2,4-Trichlorobenzene				5.0 UJ	µg/L
	1,4-Dioxane				150 UJ	µg/L
	Dibromochloromethane				5.0 UJ	µg/L
	Tetrachloroethene				5.0 UJ	µg/L
	Xylenes (total)				5.0 UJ	µg/L
	cis-1,2-Dichloroethene				5.0 UJ	µg/L
	trans-1,2-Dichloroethene				5.0 UJ	µg/L
	Methyl tert butyl ether (MTBE)				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	1,3-Dichlorobenzene				5.0 UJ	µg/L
	Carbon tetrachloride				5.0 UJ	µg/L
	2-Hexanone				10 UJ	µg/L
	Acetone				50 UJ	µg/L
	Chloroform (Trichloromethane)				5.0 UJ	µg/L
	Benzene				5.0 UJ	µg/L
	1,1,1-Trichloroethane				5.0 UJ	µg/L
	Bromomethane (Methyl bromide)				5.0 UJ	µg/L
	Chloromethane (Methyl chloride)				10 UJ	µg/L
	Chloroethane				10 UJ	µg/L
	Vinyl chloride				2.0 UJ	µg/L
	Methylene chloride				44 J	µg/L
	Carbon disulfide				5.0 UJ	µg/L
	Bromoform				5.0 UJ	µg/L
	Bromodichloromethane				5.0 UJ	µg/L
	1,1-Dichloroethane				5.0 UJ	µg/L
	1,1-Dichloroethene				5.0 UJ	µg/L
	Trichlorofluoromethane (CFC-11)				5.0 UJ	µg/L
	Dichlorodifluoromethane (CFC-12)				5.0 UJ	µg/L
	Trifluorotrichloroethane (Freon 113)				10 UJ	µg/L
	1,2-Dichloropropane				5.0 UJ	µg/L
	2-Butanone (Methyl ethyl ketone) (MEK)				50 UJ	µg/L
	1,1,2-Trichloroethane				5.0 UJ	µg/L
	Trichloroethene				5.0 UJ	µg/L
	Methyl acetate				5.0 UJ	µg/L
	1,1,2,2-Tetrachloroethane				5.0 UJ	µg/L
	1,2-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromo-3-chloropropane (DBCP)				5.0 UJ	µg/L
	Isopropyl benzene				5.0 UJ	µg/L
SPLP VOCs	Ethylbenzene	S-020312-BCW-056	17	14	9.5 J	µg/L
	Styrene				5.0 UJ	µg/L
	cis-1,3-Dichloropropene				5.0 UJ	µg/L
	trans-1,3-Dichloropropene				5.0 UJ	µg/L
	1,4-Dichlorobenzene				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	1,2-Dibromoethane (Ethylene dibromide)				5.0 UJ	µg/L
	1,2-Dichloroethane				5.0 UJ	µg/L
	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)				10 UJ	µg/L
	Methyl cyclohexane				28 J	µg/L
	Toluene				5.0 UJ	µg/L
	Chlorobenzene				5.0 UJ	µg/L
	Cyclohexane				7 J	µg/L
	1,2,4-Trichlorobenzene				5.0 UJ	µg/L
	1,4-Dioxane				150 UJ	µg/L
	Dibromochloromethane				5.0 UJ	µg/L
	Tetrachloroethene				5.0 UJ	µg/L
	Xylenes (total)				9.8 J	µg/L
	cis-1,2-Dichloroethene				5.0 UJ	µg/L
	trans-1,2-Dichloroethene				5.0 UJ	µg/L
	Methyl tert butyl ether (MTBE)				5.0 UJ	µg/L
	1,3-Dichlorobenzene				5.0 UJ	µg/L
	Carbon tetrachloride				5.0 UJ	µg/L
	2-Hexanone				10 UJ	µg/L
	Acetone				50 UJ	µg/L
	Chloroform (Trichloromethane)				5.0 UJ	µg/L
	Benzene				5.0 UJ	µg/L
	1,1,1-Trichloroethane				5.0 UJ	µg/L
	Bromomethane (Methyl bromide)				5.0 UJ	µg/L
	Chloromethane (Methyl chloride)				10 UJ	µg/L
	Chloroethane				10 UJ	µg/L
	Vinyl chloride				2.0 UJ	µg/L
	Methylene chloride				12 J	µg/L
	Carbon disulfide				5.0 UJ	µg/L
	Bromoform				5.0 UJ	µg/L
	Bromodichloromethane				5.0 UJ	µg/L
	1,1-Dichloroethane				5.0 UJ	µg/L
	1,1-Dichloroethene				5.0 UJ	µg/L
	Trichlorofluoromethane (CFC-11)				5.0 UJ	µg/L
	Dichlorodifluoromethane (CFC-12)				5.0 UJ	µg/L
	Trifluorotrichloroethane (Freon 113)				10 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	1,2-Dichloropropane				5.0 UJ	µg/L
	2-Butanone (Methyl ethyl ketone) (MEK)				50 UJ	µg/L
	1,1,2-Trichloroethane				5.0 UJ	µg/L
	Trichloroethene				5.0 UJ	µg/L
	Methyl acetate				5.0 UJ	µg/L
	1,1,2,2-Tetrachloroethane				5.0 UJ	µg/L
	1,2-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromo-3-chloropropane (DBCP)				5.0 UJ	µg/L
	Isopropyl benzene				5.0 UJ	µg/L
SPLP VOCs	Ethylbenzene	S-020312-BCW-058	17	14	14 J	µg/L
	Styrene				5.0 UJ	µg/L
	cis-1,3-Dichloropropene				5.0 UJ	µg/L
	trans-1,3-Dichloropropene				5.0 UJ	µg/L
	1,4-Dichlorobenzene				5.0 UJ	µg/L
	1,2-Dibromoethane (Ethylene dibromide)				5.0 UJ	µg/L
	1,2-Dichloroethane				5.0 UJ	µg/L
	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)				10 UJ	µg/L
	Methyl cyclohexane				5.0 UJ	µg/L
	Toluene				5.0 UJ	µg/L
	Chlorobenzene				5.0 UJ	µg/L
	Cyclohexane				5.0 UJ	µg/L
	1,2,4-Trichlorobenzene				5.0 UJ	µg/L
	1,4-Dioxane				150 UJ	µg/L
	Dibromochloromethane				5.0 UJ	µg/L
	Tetrachloroethene				5.0 UJ	µg/L
	Xylenes (total)				53 J	µg/L
	cis-1,2-Dichloroethene				5.0 UJ	µg/L
	trans-1,2-Dichloroethene				5.0 UJ	µg/L
	Methyl tert butyl ether (MTBE)				5.0 UJ	µg/L
	1,3-Dichlorobenzene				5.0 UJ	µg/L
	Carbon tetrachloride				5.0 UJ	µg/L
	2-Hexanone				10 UJ	µg/L
	Acetone				50 UJ	µg/L
	Chloroform (Trichloromethane)				5.0 UJ	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
SPLP VOCs (Cont'd)	Benzene				5.0 UJ	µg/L
	1,1,1-Trichloroethane				5.0 UJ	µg/L
	Bromomethane (Methyl bromide)				5.0 UJ	µg/L
	Chloromethane (Methyl chloride)				10 UJ	µg/L
	Chloroethane				10 UJ	µg/L
	Vinyl chloride				2.0 UJ	µg/L
	Methylene chloride				5.0 UJ	µg/L
	Carbon disulfide				5.0 UJ	µg/L
	Bromoform				5.0 UJ	µg/L
	Bromodichloromethane				5.0 UJ	µg/L
	1,1-Dichloroethane				5.0 UJ	µg/L
	1,1-Dichloroethene				5.0 UJ	µg/L
	Trichlorofluoromethane (CFC-11)				5.0 UJ	µg/L
	Dichlorodifluoromethane (CFC-12)				5.0 UJ	µg/L
	Trifluorotrichloroethane (Freon 113)				10 UJ	µg/L
	1,2-Dichloropropane				5.0 UJ	µg/L
	2-Butanone (Methyl ethyl ketone) (MEK)				50 UJ	µg/L
	1,1,2-Trichloroethane				5.0 UJ	µg/L
	Trichloroethene				5.0 UJ	µg/L
	Methyl acetate				5.0 UJ	µg/L
	1,1,2,2-Tetrachloroethane				5.0 UJ	µg/L
	1,2-Dichlorobenzene				6.7 J	µg/L
	1,2-Dibromo-3-chloropropane (DBCP)				5.0 UJ	µg/L
	Isopropyl benzene				9.5 J	µg/L

Notes:

SPLP	Synthetic Precipitation Leaching Procedure
J	Estimated.
UJ	The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs	Volatile Organic Compounds.

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Sample Results*	*Units*
VOCs	4-Bromofluorobenzene	442	56.5-134	S-012412-DJB-013	1,4-Dichlorobenzene	14 J	µg/Kg
					Toluene	110 J	µg/Kg
					Chlorobenzene	36 J	µg/Kg
					Tetrachloroethene	4.3 J	µg/Kg
					cis-1,2-Dichloroethene	8.0 J	µg/Kg
					Benzene	5.2 J	µg/Kg
					1,1-Dichloroethane	5.7 J	µg/Kg
					1,2-Dichlorobenzene	33 J	µg/Kg
PCBs	Decachlorobiphenyl	2280	35.2-148	S-012412-DJB-029	Aroclor-1260 (PCB-1260)	190 J	µg/Kg
					Aroclor-1254 (PCB-1254)	690 J	µg/Kg
PCBs	Decachlorobiphenyl	177	35.2-148	S-012512-DJB-033	Aroclor-1254 (PCB-1254)	340 J	µg/Kg
					Aroclor-1248 (PCB-1248)	230 J	µg/Kg
PCBs	Decachlorobiphenyl	489	35.2-148	S-012512-DJB-035	Aroclor-1254 (PCB-1254)	120 J	µg/Kg
VOCs	4-Bromofluorobenzene	54	56.5-134	S-012612-DJB-050	Ethylbenzene	30 J	µg/Kg
	Toluene-d8	65	77-117		Styrene	8.4 UJ	µg/Kg
					cis-1,3-Dichloropropene	8.4 UJ	µg/Kg
					trans-1,3-Dichloropropene	8.4 UJ	µg/Kg
					1,4-Dichlorobenzene	8.4 UJ	µg/Kg
					1,2-Dibromoethane (Ethylene dibromide)	8.4 UJ	µg/Kg
					1,2-Dichloroethane	8.4 UJ	µg/Kg
					4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	40 J	µg/Kg
					Methyl cyclohexane	17 J	µg/Kg
					Toluene	57 J	µg/Kg
					Chlorobenzene	8.4 UJ	µg/Kg
					Cyclohexane	8.4 UJ	µg/Kg

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Sample Results*	*Units*
VOCs (cont'd)	4-Bromofluorobenzene	54	56.5-134	S-012612-DJB-050	1,2,4-Trichlorobenzene	8.4 UJ	µg/Kg
	Toluene-d8	65	77-117		1,4-Dioxane	250 UJ	µg/Kg
					Dibromochloromethane	8.4 UJ	µg/Kg
					Xylenes (total)	120 J	µg/Kg
					cis-1,2-Dichloroethene	92 J	µg/Kg
					trans-1,2-Dichloroethene	8.4 UJ	µg/Kg
					Methyl tert butyl ether (MTBE)	8.4 UJ	µg/Kg
					1,3-Dichlorobenzene	8.4 UJ	µg/Kg
					Carbon tetrachloride	8.4 UJ	µg/Kg
					2-Hexanone	190 J	µg/Kg
					Acetone	2700 J	µg/Kg
					Chloroform (Trichloromethane)	8.4 UJ	µg/Kg
					Benzene	21 J	µg/Kg
					1,1,1-Trichloroethane	29 J	µg/Kg
					Bromomethane (Methyl bromide)	8.4 UJ	µg/Kg
					Chloromethane (Methyl chloride)	17 UJ	µg/Kg
					Chloroethane	17 UJ	µg/Kg
					Vinyl chloride	17 UJ	µg/Kg
					Methylene chloride	34 UJ	µg/Kg
					Carbon disulfide	17 UJ	µg/Kg
					Bromoform	8.4 UJ	µg/Kg
					Bromodichloromethane	8.4 UJ	µg/Kg
					1,1-Dichloroethane	77 J	µg/Kg
					1,1-Dichloroethene	8.4 UJ	µg/Kg
					Trichlorofluoromethane (CFC-11)	8.4 UJ	µg/Kg
					Dichlorodifluoromethane (CFC-12)	17 UJ	µg/Kg
					Trifluorotrichloroethane (Freon 113)	17 UJ	µg/Kg
					1,2-Dichloropropane	8.4 UJ	µg/Kg
					2-Butanone (Methyl ethyl ketone) (MEK)	1200 J	µg/Kg

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Sample Results*	*Units*
VOCs (cont'd)	4-Bromofluorobenzene	54	56.5-134	S-012612-DJB-050	1,1,2-Trichloroethane	8.4 UJ	µg/Kg
	Toluene-d8	65	77-117		Trichloroethene	68 J	µg/Kg
					Methyl acetate	8.4 UJ	µg/Kg
					1,1,2,2-Tetrachloroethane	8.4 UJ	µg/Kg
					1,2-Dichlorobenzene	8.4 UJ	µg/Kg
					1,2-Dibromo-3-chloropropane (DBCP)	8.4 UJ	µg/Kg
					Isopropyl benzene	8.4 UJ	µg/Kg

Notes:
J Estimated.
PCBs Polychlorinated Biphenyls.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
PCBs	S-012412-DJB-021	Aroclor-1260 (PCB-1260)	282	300	4.5	39.4-140	0-32.7	200 J	µg/Kg
		Aroclor-1254 (PCB-1254)						750 J	µg/Kg

Notes:
J Estimated.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
PCBs Polychlorinated Biphenyls.
RPD Relative Percent Difference.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO EXCEEDANCE OF CALIBRATION RANGE
SOIL INVESTIGATION
ARIVEC SITE
DOUGLASVILLE, GEORGIA
JANUARY-FEBRUARY 2012

Parameter	*Analyte*	*Sample ID*	*Qualified Sample Results*	*Units*
VOCs	2-Butanone	S-012612-DJB-050	84 J	µg/Kg
	Acetone		170 J	µg/Kg
VOCs	Acetone	S-012612-DJB-051	240 J	µg/Kg
VOCS	Methyl cyclohexane	S-020312-BCW-053	570 J	µg/Kg
	Toluene		8600 J	µg/Kg
	1,1-Dichloroethene		260 J	µg/Kg
	Trifluorotrichloroethane (Freon 113)		230 J	µg/Kg
	Isopropyl benzene		330 J	µg/Kg
VOCS	Acetone	S-020312-BCW-061	340 J	µg/Kg

Notes:
J Estimated.
VOCs Volatile Organic Compounds.

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

February 07, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1201H92

Analytical Environmental Services, Inc. received 29 samples on 1/25/2012 11:50:00 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CRKanhai

Chantelle Kanhai
Project Manager

CHAIN OF CUSTODY RECORD

1201H92

CONESTOGA-ROVERS & ASSOCIATES
Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta, GA

REFERENCE NUMBER: 035029 Arivec

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: David Brytanski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	TCL VOCs	1,4 Dioxane	SPLP VOCs	PCBs	RCRA 8 Metals	HOLD	REMARKS
	1/22/12	13:25	S-01 23 12-DJB-001	Soil	4	X	X					Standard TAT
	1/22/12	13:35	S-01 23 12-DJB-002	Soil	2			X				
	1/22/12	13:45	S-01 23 12-DJB-003	Soil	4	X	X					
	1/22/12	15:00	S-01 23 12-DJB-004	Soil	4	X	X					
	1/22/12	15:15	S-01 23 12-DJB-005	Soil	4	X	X					
	1/22/12	15:25	S-01 23 12-DJB-006	Soil	4	X	X					
	1/22/12	15:55	S-01 23 12-DJB-007	Soil	4	X	X					
	1/22/12	16:05	S-01 23 12-DJB-008	Soil	4	X	X					
	1/22/12	16:20	S-01 23 12-DJB-009	Soil	4	X	X					
	1/23/12	8:15	S-01 23 12-DJB-010	Soil	4	X	X					
	1/23/12	8:25	S-01 23 12-DJB-011	Soil	4	X	X					
	1/23/12	8:50	S-01 23 12-DJB-012	Soil	4	X	X					
	1/23/12	9:00	S-01 23 12-DJB-013	Soil	4	X	X					
	1/23/12	9:10	S-01 23 12-DJB-014	Soil	4	X	X					
	1/23/12	9:15	S-01 23 12-DJB-015	Soil	4	X	X					
	1/23/12	9:35	S-01 23 12-DJB-016	Soil	4	X	X					
	1/23/12	9:50	S-01 23 12-DJB-017	Soil	6	X	X	X	X			
TOTAL NUMBER OF CONTAINERS						HEALTH/CHEMICAL HAZARDS						

RELINQUISHED BY: ① [signature]	DATE: 1/25/12 TIME: 10:30	RECEIVED BY: ① N.C	DATE: 1.25.12 TIME: 10-30
RELINQUISHED BY: ② N.C	DATE: 1-25-12 TIME: 11:50	RECEIVED BY: ② [signature]	DATE: 1-25-12 TIME: 1150
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

Nº CRA 24304

1001 (D) APR 28/97(NF) REV. 0 (F-15)

1201H92

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta, GA

REFERENCE NUMBER: 35029 Arivec

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: David Brytowski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: TCL VOCs	+14 Dioxane	SPLP VOCs	PCBs	RCRA Metals	REMARKS
	1/23/12	10:45	S-012312-DJB-0018	Soil	4	X	X				Standard TAT
	1/23/12	10:55	S-012312-DJB-019	Soil	6	X	X		X	X	
	1/23/12	11:30	S-012312-DJB-020	Soil	4	X	X				
	1/23/12	11:45	S-012312-DJB-021	Soil	6	X	X		X	X	
	1/23/12	13:30	S-012312-DJB-022	Soil	4	X	X				
	1/23/12	13:45	S-012312-DJB-023	Soil	6	X	X		X	X	
	1/23/12	14:30	S-012312-DJB-024	Soil	4	X	X				
	1/23/12	14:40	S-012312-DJB-025	Soil	6	X	X		X	X	
	1/23/12	15:00	S-012312-DJB-026	Soil	4	X	X				
	1/23/12	15:05	S-012312-DJB-027	Soil	2			X			
	1/23/12	16:00	S-012312-DJB-028	Soil	4	X	X				
	1/23/12	16:05	S-012312-DJB-029	Soil	6	X	X		X	X	

TOTAL NUMBER OF CONTAINERS

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① [signature]	DATE: 1/25/12 TIME: 10:30	RECEIVED BY: ① N-C	DATE: 1-25-12 TIME: 10:30 a.m.
RELINQUISHED BY: ② N-C	DATE: 1-25-12 TIME: 11:50 A	RECEIVED BY: ② [signature]	DATE: 1-25-12 TIME: 1150
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT:

WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

Nº CRA 24308

1001 (D) APR 28/97(NF) REV. 0 (F-15)

Analytical Environmental Services, Inc

Date: 7-Feb-12

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1201H92

Case Narrative

Volatiles Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 1201H92-004, -014, -017, -019, -020, -021, -028 and -029 required dilution during analysis resulting in elevated reporting limits.

.

Analytical Environmental Services, Inc

Date: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-001
Project Name:	Arivec	**Collection Date:**	1/22/2012 1:25:00 PM
Lab ID:	1201H92-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Dichlorodifluoromethane	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Chloromethane	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Vinyl chloride	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Bromomethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Chloroethane	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Acetone	BRL	82		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Freon-113	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Carbon disulfide	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Methyl acetate	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Methylene chloride	BRL	16		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
trans-1,2-Dichloroethene	5.4	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
cis-1,2-Dichloroethene	650	230		ug/Kg-dry	157431	50	02/03/2012 17:15	JE
2-Butanone	BRL	41		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Chloroform	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Cyclohexane	17	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Benzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Trichloroethene	380	230		ug/Kg-dry	157431	50	02/03/2012 17:15	JE
Methylcyclohexane	23	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Bromodichloromethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
4-Methyl-2-pentanone	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Toluene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,1,2-Trichloroethane	4.8	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
2-Hexanone	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Tetrachloroethene	8500	2300		ug/Kg-dry	157431	500	02/03/2012 15:00	JE
Dibromochloromethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Chlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Ethylbenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Styrene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Bromoform	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-001
Project Name:	Arivec	**Collection Date:**	1/22/2012 1:25:00 PM
Lab ID:	1201H92-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Isopropylbenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,4-Dichlorobenzene	13	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,2-Dichlorobenzene	11	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
1,2,4-Trichlorobenzene	6.3	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Xylenes, Total	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:31	JE
Surr: 4-Bromofluorobenzene	85.5	56.5-134		%REC	157413	1	02/03/2012 06:31	JE
Surr: 4-Bromofluorobenzene	89.2	56.5-134		%REC	157431	50	02/03/2012 17:15	JE
Surr: 4-Bromofluorobenzene	88.5	56.5-134		%REC	157431	500	02/03/2012 15:00	JE
Surr: Dibromofluoromethane	99.6	71.8-135		%REC	157413	1	02/03/2012 06:31	JE
Surr: Dibromofluoromethane	99	71.8-135		%REC	157431	50	02/03/2012 17:15	JE
Surr: Dibromofluoromethane	97.2	71.8-135		%REC	157431	500	02/03/2012 15:00	JE
Surr: Toluene-d8	89.5	77.1-117		%REC	157413	1	02/03/2012 06:31	JE
Surr: Toluene-d8	93.1	77.1-117		%REC	157431	50	02/03/2012 17:15	JE
Surr: Toluene-d8	89	77.1-117		%REC	157431	500	02/03/2012 15:00	JE
PERCENT MOISTURE D2216								
Percent Moisture	9.40	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-002
Project Name:	Arivec	**Collection Date:**	1/22/2012 1:35:00 PM
Lab ID:	1201H92-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,1,2-Trichloroethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,1-Dichloroethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,1-Dichloroethene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,2-Dibromoethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,2-Dichlorobenzene	6.2	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,2-Dichloroethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,2-Dichloropropane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,3-Dichlorobenzene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,4-Dichlorobenzene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
1,4-Dioxane	BRL	150		ug/L	157181	1	02/02/2012 12:50	SB
2-Butanone	BRL	50		ug/L	157181	1	02/02/2012 12:50	SB
2-Hexanone	BRL	10		ug/L	157181	1	02/02/2012 12:50	SB
4-Methyl-2-pentanone	BRL	10		ug/L	157181	1	02/02/2012 12:50	SB
Acetone	BRL	50		ug/L	157181	1	02/02/2012 12:50	SB
Benzene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Bromodichloromethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Bromoform	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Bromomethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Carbon disulfide	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Carbon tetrachloride	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Chlorobenzene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Chloroethane	BRL	10		ug/L	157181	1	02/02/2012 12:50	SB
Chloroform	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Chloromethane	BRL	10		ug/L	157181	1	02/02/2012 12:50	SB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Cyclohexane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Dibromochloromethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Dichlorodifluoromethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Ethylbenzene	9.4	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Freon-113	BRL	10		ug/L	157181	1	02/02/2012 12:50	SB
Isopropylbenzene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Methyl acetate	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Methyl tert-butyl ether	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Methylcyclohexane	7.8	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Methylene chloride	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Styrene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-002
Project Name:	Arivec	**Collection Date:**	1/22/2012 1:35:00 PM
Lab ID:	1201H92-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Toluene	6.3	5.0		ug/L	157181	1	02/02/2012 12:50	SB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Trichloroethene	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Trichlorofluoromethane	BRL	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Vinyl chloride	BRL	2.0		ug/L	157181	1	02/02/2012 12:50	SB
Xylenes, Total	43	5.0		ug/L	157181	1	02/02/2012 12:50	SB
Surr: 4-Bromofluorobenzene	96.4	64.6-131		%REC	157181	1	02/02/2012 12:50	SB
Surr: Dibromofluoromethane	104	70.6-128		%REC	157181	1	02/02/2012 12:50	SB
Surr: Toluene-d8	104	70.5-116		%REC	157181	1	02/02/2012 12:50	SB

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-003
Project Name:	Arivec	**Collection Date:**	1/22/2012 1:45:00 PM
Lab ID:	1201H92-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Dichlorodifluoromethane	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Chloromethane	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Vinyl chloride	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Bromomethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Chloroethane	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Acetone	BRL	82		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Freon-113	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Carbon disulfide	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Methyl acetate	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Methylene chloride	BRL	16		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
cis-1,2-Dichloroethene	18	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
2-Butanone	BRL	41		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Chloroform	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Cyclohexane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Benzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Trichloroethene	52	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Methylcyclohexane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Bromodichloromethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
4-Methyl-2-pentanone	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Toluene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
2-Hexanone	BRL	8.2		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Tetrachloroethene	790	220		ug/Kg-dry	157431	50	02/03/2012 14:27	JE
Dibromochloromethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Chlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Ethylbenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Styrene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Bromoform	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-003
Project Name:	Arivec	**Collection Date:**	1/22/2012 1:45:00 PM
Lab ID:	1201H92-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Isopropylbenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Xylenes, Total	BRL	4.1		ug/Kg-dry	157413	1	02/03/2012 06:56	JE
Surr: 4-Bromofluorobenzene	95.9	56.5-134		%REC	157431	50	02/03/2012 14:27	JE
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157413	1	02/03/2012 06:56	JE
Surr: Dibromofluoromethane	102	71.8-135		%REC	157431	50	02/03/2012 14:27	JE
Surr: Dibromofluoromethane	102	71.8-135		%REC	157413	1	02/03/2012 06:56	JE
Surr: Toluene-d8	91.7	77.1-117		%REC	157431	50	02/03/2012 14:27	JE
Surr: Toluene-d8	96.6	77.1-117		%REC	157413	1	02/03/2012 06:56	JE
PERCENT MOISTURE D2216								
Percent Moisture	7.76	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-004
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:00:00 PM
Lab ID:	1201H92-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	65000		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Dichlorodifluoromethane	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Chloromethane	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Vinyl chloride	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Bromomethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Chloroethane	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Trichlorofluoromethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,1-Dichloroethene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Acetone	BRL	43000		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Freon-113	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Carbon disulfide	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Methyl acetate	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Methylene chloride	BRL	8600		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Methyl tert-butyl ether	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
trans-1,2-Dichloroethene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,1-Dichloroethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
cis-1,2-Dichloroethene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
2-Butanone	BRL	22000		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Chloroform	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,1,1-Trichloroethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Cyclohexane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Carbon tetrachloride	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Benzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,2-Dichloroethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Trichloroethene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Methylcyclohexane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,2-Dichloropropane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Bromodichloromethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
cis-1,3-Dichloropropene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
4-Methyl-2-pentanone	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Toluene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
trans-1,3-Dichloropropene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,1,2-Trichloroethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
2-Hexanone	BRL	4300		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Tetrachloroethene	10000	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Dibromochloromethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,2-Dibromoethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Chlorobenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Ethylbenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Styrene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Bromoform	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-004
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:00:00 PM
Lab ID:	1201H92-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Isopropylbenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,3-Dichlorobenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,4-Dichlorobenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,2-Dichlorobenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,2-Dibromo-3-chloropropane	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
1,2,4-Trichlorobenzene	BRL	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Xylenes, Total	3100	2200		ug/Kg-dry	157270	500	02/01/2012 20:43	GK
Surr: 4-Bromofluorobenzene	93.5	56.5-134		%REC	157270	500	02/01/2012 20:43	GK
Surr: Dibromofluoromethane	96.2	71.8-135		%REC	157270	500	02/01/2012 20:43	GK
Surr: Toluene-d8	99.3	77.1-117		%REC	157270	500	02/01/2012 20:43	GK
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-005
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:15:00 PM
Lab ID:	1201H92-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Dichlorodifluoromethane	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Chloromethane	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Vinyl chloride	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Bromomethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Chloroethane	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Acetone	BRL	72		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Freon-113	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Carbon disulfide	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Methyl acetate	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Methylene chloride	BRL	14		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
cis-1,2-Dichloroethene	600	200		ug/Kg-dry	157431	50	02/03/2012 18:45	JE
2-Butanone	BRL	36		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Chloroform	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,1,1-Trichloroethane	17	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Cyclohexane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Benzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Trichloroethene	1500	200		ug/Kg-dry	157431	50	02/03/2012 18:45	JE
Methylcyclohexane	3.7	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Bromodichloromethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
4-Methyl-2-pentanone	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Toluene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
2-Hexanone	BRL	7.2		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Tetrachloroethene	31000	2000		ug/Kg-dry	157431	500	02/03/2012 16:22	JE
Dibromochloromethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Chlorobenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Ethylbenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Styrene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Bromoform	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-005
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:15:00 PM
Lab ID:	1201H92-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Isopropylbenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Xylenes, Total	BRL	3.6		ug/Kg-dry	157413	1	02/03/2012 07:21	JE
Surr: 4-Bromofluorobenzene	92.1	56.5-134		%REC	157431	500	02/03/2012 16:22	JE
Surr: 4-Bromofluorobenzene	108	56.5-134		%REC	157431	50	02/03/2012 18:45	JE
Surr: 4-Bromofluorobenzene	104	56.5-134		%REC	157413	1	02/03/2012 07:21	JE
Surr: Dibromofluoromethane	95.5	71.8-135		%REC	157431	50	02/03/2012 18:45	JE
Surr: Dibromofluoromethane	98.1	71.8-135		%REC	157431	500	02/03/2012 16:22	JE
Surr: Dibromofluoromethane	98.1	71.8-135		%REC	157413	1	02/03/2012 07:21	JE
Surr: Toluene-d8	89.2	77.1-117		%REC	157431	500	02/03/2012 16:22	JE
Surr: Toluene-d8	92.7	77.1-117		%REC	157431	50	02/03/2012 18:45	JE
Surr: Toluene-d8	97.2	77.1-117		%REC	157413	1	02/03/2012 07:21	JE
PERCENT MOISTURE D2216								
Percent Moisture	9.05	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-006
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:25:00 PM
Lab ID:	1201H92-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Dichlorodifluoromethane	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Chloromethane	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Vinyl chloride	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Bromomethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Chloroethane	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Acetone	BRL	96		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Freon-113	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Carbon disulfide	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Methyl acetate	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Methylene chloride	BRL	19		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,1-Dichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
cis-1,2-Dichloroethene	450	230		ug/Kg-dry	157431	50	02/03/2012 19:12	JE
2-Butanone	BRL	48		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Chloroform	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,1,1-Trichloroethane	12	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Cyclohexane	6.7	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Benzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Trichloroethene	150	140		ug/Kg-dry	157431	50	02/03/2012 19:12	JE
Methylcyclohexane	19	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Bromodichloromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
4-Methyl-2-pentanone	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Toluene	5.0	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
2-Hexanone	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Tetrachloroethene	1300	230		ug/Kg-dry	157431	50	02/03/2012 19:12	JE
Dibromochloromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Chlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Ethylbenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Styrene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Bromoform	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-006
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:25:00 PM
Lab ID:	1201H92-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Isopropylbenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,4-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,2-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Xylenes, Total	5.9	4.8		ug/Kg-dry	157413	1	02/03/2012 07:46	JE
Surr: 4-Bromofluorobenzene	93.7	56.5-134		%REC	157431	50	02/03/2012 19:12	JE
Surr: 4-Bromofluorobenzene	104	56.5-134		%REC	157413	1	02/03/2012 07:46	JE
Surr: Dibromofluoromethane	97.2	71.8-135		%REC	157431	50	02/03/2012 19:12	JE
Surr: Dibromofluoromethane	97.9	71.8-135		%REC	157413	1	02/03/2012 07:46	JE
Surr: Toluene-d8	91.5	77.1-117		%REC	157431	50	02/03/2012 19:12	JE
Surr: Toluene-d8	98.5	77.1-117		%REC	157413	1	02/03/2012 07:46	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-007
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:55:00 PM
Lab ID:	1201H92-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Dichlorodifluoromethane	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Chloromethane	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Vinyl chloride	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Bromomethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Chloroethane	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Acetone	BRL	92		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Freon-113	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Carbon disulfide	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Methyl acetate	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Methylene chloride	BRL	18		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
2-Butanone	BRL	46		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Chloroform	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Cyclohexane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Benzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Trichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Methylcyclohexane	7.6	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Bromodichloromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
4-Methyl-2-pentanone	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Toluene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
2-Hexanone	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Tetrachloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Dibromochloromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Chlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Styrene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Bromoform	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-007
Project Name:	Arivec	**Collection Date:**	1/22/2012 3:55:00 PM
Lab ID:	1201H92-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Isopropylbenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 14:12	JE
Surr: 4-Bromofluorobenzene	89.9	56.5-134		%REC	157413	1	02/03/2012 14:12	JE
Surr: Dibromofluoromethane	96.4	71.8-135		%REC	157413	1	02/03/2012 14:12	JE
Surr: Toluene-d8	91.6	77.1-117		%REC	157413	1	02/03/2012 14:12	JE
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-008
Project Name:	Arivec	**Collection Date:**	1/22/2012 4:05:00 PM
Lab ID:	1201H92-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	180		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Chloromethane	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Vinyl chloride	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Bromomethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Chloroethane	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Trichlorofluoromethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,1-Dichloroethene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Acetone	BRL	120		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Freon-113	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Carbon disulfide	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Methyl acetate	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Methylene chloride	BRL	24		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Methyl tert-butyl ether	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
trans-1,2-Dichloroethene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,1-Dichloroethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
cis-1,2-Dichloroethene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
2-Butanone	BRL	59		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Chloroform	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,1,1-Trichloroethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Cyclohexane	23	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Carbon tetrachloride	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Benzene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,2-Dichloroethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Trichloroethene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Methylcyclohexane	160	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,2-Dichloropropane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Bromodichloromethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
cis-1,3-Dichloropropene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Toluene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
trans-1,3-Dichloropropene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,1,2-Trichloroethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
2-Hexanone	BRL	12		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Tetrachloroethene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Dibromochloromethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,2-Dibromoethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Chlorobenzene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Ethylbenzene	16	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Styrene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Bromoform	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-008
Project Name:	Arivec	**Collection Date:**	1/22/2012 4:05:00 PM
Lab ID:	1201H92-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Isopropylbenzene	31	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,3-Dichlorobenzene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,4-Dichlorobenzene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,2-Dichlorobenzene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,2-Dibromo-3-chloropropane	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
1,2,4-Trichlorobenzene	BRL	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Xylenes, Total	12	5.9		ug/Kg-dry	157413	1	02/03/2012 11:57	JE
Surr: 4-Bromofluorobenzene	99.7	56.5-134		%REC	157413	1	02/03/2012 11:57	JE
Surr: Dibromofluoromethane	97.7	71.8-135		%REC	157413	1	02/03/2012 11:57	JE
Surr: Toluene-d8	102	77.1-117		%REC	157413	1	02/03/2012 11:57	JE
PERCENT MOISTURE D2216								
Percent Moisture	31.6	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-009
Project Name:	Arivec	**Collection Date:**	1/22/2012 4:20:00 PM
Lab ID:	1201H92-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Dichlorodifluoromethane	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Chloromethane	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Vinyl chloride	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Bromomethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Chloroethane	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Acetone	BRL	88		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Freon-113	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Carbon disulfide	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Methyl acetate	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Methylene chloride	BRL	18		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
cis-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
2-Butanone	BRL	44		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Chloroform	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,1,1-Trichloroethane	7.0	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Cyclohexane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Benzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Trichloroethene	22	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Methylcyclohexane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Bromodichloromethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
4-Methyl-2-pentanone	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Toluene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
2-Hexanone	BRL	8.8		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Tetrachloroethene	7800	2500		ug/Kg-dry	157431	500	02/03/2012 15:27	JE
Dibromochloromethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Chlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Ethylbenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Styrene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Bromoform	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-009
Project Name:	Arivec	**Collection Date:**	1/22/2012 4:20:00 PM
Lab ID:	1201H92-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Isopropylbenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Xylenes, Total	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 08:36	JE
Surr: 4-Bromofluorobenzene	87.7	56.5-134		%REC	157431	500	02/03/2012 15:27	JE
Surr: 4-Bromofluorobenzene	97.9	56.5-134		%REC	157413	1	02/03/2012 08:36	JE
Surr: Dibromofluoromethane	101	71.8-135		%REC	157431	500	02/03/2012 15:27	JE
Surr: Dibromofluoromethane	96	71.8-135		%REC	157413	1	02/03/2012 08:36	JE
Surr: Toluene-d8	92.7	77.1-117		%REC	157431	500	02/03/2012 15:27	JE
Surr: Toluene-d8	93.3	77.1-117		%REC	157413	1	02/03/2012 08:36	JE
PERCENT MOISTURE D2216								
Percent Moisture	12.8	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-010
Project Name:	Arivec	**Collection Date:**	1/23/2012 8:15:00 AM
Lab ID:	1201H92-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	190		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Dichlorodifluoromethane	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Chloromethane	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Vinyl chloride	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Bromomethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Chloroethane	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Trichlorofluoromethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,1-Dichloroethene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Acetone	BRL	130		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Freon-113	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Carbon disulfide	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Methyl acetate	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Methylene chloride	BRL	26		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Methyl tert-butyl ether	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
trans-1,2-Dichloroethene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,1-Dichloroethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
cis-1,2-Dichloroethene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
2-Butanone	BRL	65		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Chloroform	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,1,1-Trichloroethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Cyclohexane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Carbon tetrachloride	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Benzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,2-Dichloroethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Trichloroethene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Methylcyclohexane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,2-Dichloropropane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Bromodichloromethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
cis-1,3-Dichloropropene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
4-Methyl-2-pentanone	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Toluene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
trans-1,3-Dichloropropene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,1,2-Trichloroethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
2-Hexanone	BRL	13		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Tetrachloroethene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Dibromochloromethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,2-Dibromoethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Chlorobenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Ethylbenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Styrene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Bromoform	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-010
Project Name:	Arivec	**Collection Date:**	1/23/2012 8:15:00 AM
Lab ID:	1201H92-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Isopropylbenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,3-Dichlorobenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,4-Dichlorobenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,2-Dichlorobenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,2-Dibromo-3-chloropropane	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
1,2,4-Trichlorobenzene	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Xylenes, Total	BRL	6.5		ug/Kg-dry	157413	1	02/03/2012 09:02	JE
Surr: 4-Bromofluorobenzene	96.6	56.5-134		%REC	157413	1	02/03/2012 09:02	JE
Surr: Dibromofluoromethane	97.4	71.8-135		%REC	157413	1	02/03/2012 09:02	JE
Surr: Toluene-d8	94	77.1-117		%REC	157413	1	02/03/2012 09:02	JE
PERCENT MOISTURE D2216								
Percent Moisture	24.0	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-011
Project Name:	Arivec	**Collection Date:**	1/23/2012 8:25:00 AM
Lab ID:	1201H92-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Dichlorodifluoromethane	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Chloromethane	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Vinyl chloride	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Bromomethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Chloroethane	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Acetone	BRL	97		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Freon-113	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Carbon disulfide	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Methyl acetate	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Methylene chloride	BRL	19		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
2-Butanone	BRL	49		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Chloroform	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Cyclohexane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Benzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Trichloroethene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Methylcyclohexane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Bromodichloromethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
4-Methyl-2-pentanone	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Toluene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
2-Hexanone	BRL	9.7		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Tetrachloroethene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Dibromochloromethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Chlorobenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Ethylbenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Styrene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Bromoform	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-011
Project Name:	Arivec	**Collection Date:**	1/23/2012 8:25:00 AM
Lab ID:	1201H92-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Isopropylbenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Xylenes, Total	BRL	4.9		ug/Kg-dry	157413	1	02/03/2012 09:27	JE
Surr: 4-Bromofluorobenzene	95.4	56.5-134		%REC	157413	1	02/03/2012 09:27	JE
Surr: Dibromofluoromethane	97.9	71.8-135		%REC	157413	1	02/03/2012 09:27	JE
Surr: Toluene-d8	93.1	77.1-117		%REC	157413	1	02/03/2012 09:27	JE
PERCENT MOISTURE D2216								
Percent Moisture	20.4	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-012
Project Name:	Arivec	**Collection Date:**	1/23/2012 8:50:00 AM
Lab ID:	1201H92-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Chloromethane	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Vinyl chloride	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Bromomethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Chloroethane	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Acetone	BRL	89		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Freon-113	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Carbon disulfide	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Methyl acetate	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Methylene chloride	BRL	18		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
cis-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
2-Butanone	BRL	44		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Chloroform	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Cyclohexane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Benzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Trichloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Methylcyclohexane	5.7	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Bromodichloromethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Toluene	5.2	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
2-Hexanone	BRL	8.9		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Tetrachloroethene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Dibromochloromethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Chlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Ethylbenzene	6.3	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Styrene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Bromoform	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-012
Project Name:	Arivec	**Collection Date:**	1/23/2012 8:50:00 AM
Lab ID:	1201H92-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Isopropylbenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Xylenes, Total	17	4.4		ug/Kg-dry	157413	1	02/03/2012 12:23	JE
Surr: 4-Bromofluorobenzene	97.5	56.5-134		%REC	157413	1	02/03/2012 12:23	JE
Surr: Dibromofluoromethane	94.4	71.8-135		%REC	157413	1	02/03/2012 12:23	JE
Surr: Toluene-d8	96.6	77.1-117		%REC	157413	1	02/03/2012 12:23	JE
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-013
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:00:00 AM
Lab ID:	1201H92-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Chloromethane	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Vinyl chloride	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Bromomethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Chloroethane	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Acetone	BRL	76		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Freon-113	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Carbon disulfide	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Methyl acetate	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Methylene chloride	BRL	15		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,1-Dichloroethane	5.7	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
cis-1,2-Dichloroethene	8.0	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
2-Butanone	BRL	38		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Chloroform	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Cyclohexane	1400	180		ug/Kg-dry	157270	50	02/03/2012 18:56	AR
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Benzene	5.2	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Trichloroethene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Methylcyclohexane	4800	180		ug/Kg-dry	157270	50	02/03/2012 18:56	AR
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Bromodichloromethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Toluene	110	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
2-Hexanone	BRL	7.6		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Tetrachloroethene	4.3	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Dibromochloromethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Chlorobenzene	36	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Ethylbenzene	4600	180		ug/Kg-dry	157270	50	02/03/2012 18:56	AR
Styrene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Bromoform	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-013
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:00:00 AM
Lab ID:	1201H92-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Isopropylbenzene	1400	180		ug/Kg-dry	157270	50	02/03/2012 18:56	AR
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,4-Dichlorobenzene	14	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,2-Dichlorobenzene	33	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	157413	1	02/03/2012 12:50	JE
Xylenes, Total	17000	180		ug/Kg-dry	157270	50	02/03/2012 18:56	AR
Surr: 4-Bromofluorobenzene	442	56.5-134	S	%REC	157413	1	02/03/2012 12:50	JE
Surr: 4-Bromofluorobenzene	121	56.5-134		%REC	157270	50	02/03/2012 18:56	AR
Surr: Dibromofluoromethane	96.3	71.8-135		%REC	157270	50	02/03/2012 18:56	AR
Surr: Dibromofluoromethane	94.5	71.8-135		%REC	157413	1	02/03/2012 12:50	JE
Surr: Toluene-d8	101	77.1-117		%REC	157270	50	02/03/2012 18:56	AR
Surr: Toluene-d8	100	77.1-117		%REC	157413	1	02/03/2012 12:50	JE
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-014
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:10:00 AM
Lab ID:	1201H92-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	56000		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Dichlorodifluoromethane	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Chloromethane	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Vinyl chloride	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Bromomethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Chloroethane	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Trichlorofluoromethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,1-Dichloroethene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Acetone	BRL	38000		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Freon-113	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Carbon disulfide	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Methyl acetate	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Methylene chloride	BRL	7500		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Methyl tert-butyl ether	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
trans-1,2-Dichloroethene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,1-Dichloroethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
cis-1,2-Dichloroethene	6100	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
2-Butanone	BRL	19000		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Chloroform	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,1,1-Trichloroethane	2800	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Cyclohexane	2100	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Carbon tetrachloride	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Benzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,2-Dichloroethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Trichloroethene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Methylcyclohexane	4900	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,2-Dichloropropane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Bromodichloromethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
cis-1,3-Dichloropropene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
4-Methyl-2-pentanone	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Toluene	82000	19000		ug/Kg-dry	157270	5000	02/02/2012 19:18	GK
trans-1,3-Dichloropropene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,1,2-Trichloroethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
2-Hexanone	BRL	3800		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Tetrachloroethene	4000	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Dibromochloromethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,2-Dibromoethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Chlorobenzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Ethylbenzene	12000	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Styrene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Bromoform	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-014
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:10:00 AM
Lab ID:	1201H92-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Isopropylbenzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,3-Dichlorobenzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,4-Dichlorobenzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,2-Dichlorobenzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,2-Dibromo-3-chloropropane	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
1,2,4-Trichlorobenzene	BRL	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Xylenes, Total	66000	1900		ug/Kg-dry	157270	500	02/01/2012 21:42	GK
Surr: 4-Bromofluorobenzene	93.5	56.5-134		%REC	157270	500	02/01/2012 21:42	GK
Surr: 4-Bromofluorobenzene	96.2	56.5-134		%REC	157270	5000	02/02/2012 19:18	GK
Surr: Dibromofluoromethane	96.8	71.8-135		%REC	157270	500	02/01/2012 21:42	GK
Surr: Dibromofluoromethane	97.3	71.8-135		%REC	157270	5000	02/02/2012 19:18	GK
Surr: Toluene-d8	95.1	77.1-117		%REC	157270	5000	02/02/2012 19:18	GK
Surr: Toluene-d8	96.5	77.1-117		%REC	157270	500	02/01/2012 21:42	GK
PERCENT MOISTURE D2216								
Percent Moisture	11.4	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-015
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:15:00 AM
Lab ID:	1201H92-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Dichlorodifluoromethane	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Chloromethane	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Vinyl chloride	79	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Bromomethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Chloroethane	13	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,1-Dichloroethene	12	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Acetone	BRL	96		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Freon-113	29	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Carbon disulfide	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Methyl acetate	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Methylene chloride	BRL	19		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,1-Dichloroethane	65	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
cis-1,2-Dichloroethene	840	280		ug/Kg-dry	157431	50	02/03/2012 19:39	JE
2-Butanone	BRL	48		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Chloroform	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,1,1-Trichloroethane	27	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Cyclohexane	130	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Benzene	10	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Trichloroethene	5.2	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Methylcyclohexane	300	280		ug/Kg-dry	157431	50	02/03/2012 19:39	JE
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Bromodichloromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
4-Methyl-2-pentanone	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Toluene	2200	280		ug/Kg-dry	157431	50	02/03/2012 19:39	JE
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
2-Hexanone	BRL	9.6		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Tetrachloroethene	29	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Dibromochloromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Chlorobenzene	5.7	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Ethylbenzene	460	280		ug/Kg-dry	157431	50	02/03/2012 19:39	JE
Styrene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Bromoform	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-015
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:15:00 AM
Lab ID:	1201H92-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Isopropylbenzene	110	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,4-Dichlorobenzene	11	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,2-Dichlorobenzene	52	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 19:02	JE
Xylenes, Total	2700	280		ug/Kg-dry	157431	50	02/03/2012 19:39	JE
Surr: 4-Bromofluorobenzene	107	56.5-134		%REC	157431	50	02/03/2012 19:39	JE
Surr: 4-Bromofluorobenzene	98.1	56.5-134		%REC	157413	1	02/03/2012 19:02	JE
Surr: Dibromofluoromethane	92.7	71.8-135		%REC	157431	50	02/03/2012 19:39	JE
Surr: Dibromofluoromethane	90.9	71.8-135		%REC	157413	1	02/03/2012 19:02	JE
Surr: Toluene-d8	94.8	77.1-117		%REC	157431	50	02/03/2012 19:39	JE
Surr: Toluene-d8	97	77.1-117		%REC	157413	1	02/03/2012 19:02	JE
PERCENT MOISTURE D2216								
Percent Moisture	20.8	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-016
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:35:00 AM
Lab ID:	1201H92-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Dichlorodifluoromethane	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Chloromethane	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Vinyl chloride	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Bromomethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Chloroethane	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Acetone	110	92		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Freon-113	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Carbon disulfide	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Methyl acetate	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Methylene chloride	BRL	18		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
2-Butanone	BRL	46		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Chloroform	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Cyclohexane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Benzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Trichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Methylcyclohexane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Bromodichloromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
4-Methyl-2-pentanone	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Toluene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
2-Hexanone	BRL	9.2		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Tetrachloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Dibromochloromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Chlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Styrene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Bromoform	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-016
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:35:00 AM
Lab ID:	1201H92-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Isopropylbenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 09:52	JE
Surr: 4-Bromofluorobenzene	98.6	56.5-134		%REC	157413	1	02/03/2012 09:52	JE
Surr: Dibromofluoromethane	94.9	71.8-135		%REC	157413	1	02/03/2012 09:52	JE
Surr: Toluene-d8	91.7	77.1-117		%REC	157413	1	02/03/2012 09:52	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.7	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-017
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:50:00 AM
Lab ID:	1201H92-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	73000		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Dichlorodifluoromethane	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Chloromethane	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Vinyl chloride	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Bromomethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Chloroethane	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Trichlorofluoromethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,1-Dichloroethene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Acetone	BRL	49000		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Freon-113	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Carbon disulfide	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Methyl acetate	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Methylene chloride	BRL	9700		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Methyl tert-butyl ether	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
trans-1,2-Dichloroethene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,1-Dichloroethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
cis-1,2-Dichloroethene	120000	24000		ug/Kg-dry	157270	5000	02/02/2012 19:48	GK
2-Butanone	BRL	24000		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Chloroform	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,1,1-Trichloroethane	4700	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Cyclohexane	11000	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Carbon tetrachloride	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Benzene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,2-Dichloroethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Trichloroethene	110000	24000		ug/Kg-dry	157270	5000	02/02/2012 19:48	GK
Methylcyclohexane	41000	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,2-Dichloropropane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Bromodichloromethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
cis-1,3-Dichloropropene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
4-Methyl-2-pentanone	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Toluene	210000	24000		ug/Kg-dry	157270	5000	02/02/2012 19:48	GK
trans-1,3-Dichloropropene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,1,2-Trichloroethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
2-Hexanone	BRL	4900		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Tetrachloroethene	6400	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Dibromochloromethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,2-Dibromoethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Chlorobenzene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Ethylbenzene	49000	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Styrene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Bromoform	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
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- > Greater than Result value
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- 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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-017
Project Name:	Arivec	**Collection Date:**	1/23/2012 9:50:00 AM
Lab ID:	1201H92-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Isopropylbenzene	5000	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,3-Dichlorobenzene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,4-Dichlorobenzene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,2-Dichlorobenzene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,2-Dibromo-3-chloropropane	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
1,2,4-Trichlorobenzene	BRL	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Xylenes, Total	260000	2400		ug/Kg-dry	157270	500	02/01/2012 22:12	GK
Surr: 4-Bromofluorobenzene	96	56.5-134		%REC	157270	5000	02/02/2012 19:48	GK
Surr: 4-Bromofluorobenzene	96.5	56.5-134		%REC	157270	500	02/01/2012 22:12	GK
Surr: Dibromofluoromethane	94.8	71.8-135		%REC	157270	500	02/01/2012 22:12	GK
Surr: Dibromofluoromethane	97.9	71.8-135		%REC	157270	5000	02/02/2012 19:48	GK
Surr: Toluene-d8	97.1	77.1-117		%REC	157270	500	02/01/2012 22:12	GK
Surr: Toluene-d8	97.2	77.1-117		%REC	157270	5000	02/02/2012 19:48	GK
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.126		mg/Kg-dry	157088	1	01/27/2012 13:31	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Aroclor 1221	BRL	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Aroclor 1232	BRL	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Aroclor 1242	330	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Aroclor 1248	BRL	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Aroclor 1254	330	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Aroclor 1260	140	42		ug/Kg-dry	157121	1	01/29/2012 16:28	SN
Surr: Decachlorobiphenyl	51.7	35.2-148		%REC	157121	1	01/29/2012 16:28	SN
Surr: Tetrachloro-m-xylene	35.8	26.2-120		%REC	157121	1	01/29/2012 16:28	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.90		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
Barium	22.4	5.90		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
Cadmium	BRL	2.95		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
Chromium	BRL	2.95		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
Lead	33.8	5.90		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
Selenium	BRL	5.90		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
Silver	BRL	2.95		mg/Kg-dry	157068	1	01/30/2012 10:35	BB
PERCENT MOISTURE D2216								
Percent Moisture	21.0	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-018
Project Name:	Arivec	**Collection Date:**	1/23/2012 10:45:00 AM
Lab ID:	1201H92-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Chloromethane	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Vinyl chloride	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Bromomethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Chloroethane	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Trichlorofluoromethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,1-Dichloroethene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Acetone	130	110		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Freon-113	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Carbon disulfide	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Methyl acetate	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Methylene chloride	BRL	21		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Methyl tert-butyl ether	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
trans-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,1-Dichloroethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
cis-1,2-Dichloroethene	24	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
2-Butanone	BRL	53		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Chloroform	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,1,1-Trichloroethane	6.7	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Cyclohexane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Carbon tetrachloride	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Benzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,2-Dichloroethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Trichloroethene	14	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Methylcyclohexane	6.2	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,2-Dichloropropane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Bromodichloromethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
cis-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Toluene	21	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
trans-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,1,2-Trichloroethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
2-Hexanone	BRL	11		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Tetrachloroethene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Dibromochloromethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,2-Dibromoethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Chlorobenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Ethylbenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Styrene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Bromoform	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-018
Project Name:	Arivec	**Collection Date:**	1/23/2012 10:45:00 AM
Lab ID:	1201H92-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Isopropylbenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,3-Dichlorobenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,4-Dichlorobenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,2-Dichlorobenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,2-Dibromo-3-chloropropane	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
1,2,4-Trichlorobenzene	BRL	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Xylenes, Total	22	5.3		ug/Kg-dry	157413	1	02/03/2012 10:17	JE
Surr: 4-Bromofluorobenzene	97.5	56.5-134		%REC	157413	1	02/03/2012 10:17	JE
Surr: Dibromofluoromethane	94.1	71.8-135		%REC	157413	1	02/03/2012 10:17	JE
Surr: Toluene-d8	94.5	77.1-117		%REC	157413	1	02/03/2012 10:17	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.5	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-019
Project Name:	Arivec	**Collection Date:**	1/23/2012 10:55:00 AM
Lab ID:	1201H92-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	62000		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Dichlorodifluoromethane	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Chloromethane	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Vinyl chloride	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Bromomethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Chloroethane	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Trichlorofluoromethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,1-Dichloroethene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Acetone	BRL	41000		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Freon-113	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Carbon disulfide	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Methyl acetate	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Methylene chloride	BRL	8200		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Methyl tert-butyl ether	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
trans-1,2-Dichloroethene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,1-Dichloroethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
cis-1,2-Dichloroethene	3300	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
2-Butanone	BRL	21000		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Chloroform	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,1,1-Trichloroethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Cyclohexane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Carbon tetrachloride	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Benzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,2-Dichloroethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Trichloroethene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Methylcyclohexane	2900	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,2-Dichloropropane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Bromodichloromethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
cis-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
4-Methyl-2-pentanone	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Toluene	7100	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
trans-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,1,2-Trichloroethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
2-Hexanone	BRL	4100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Tetrachloroethene	3600	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Dibromochloromethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,2-Dibromoethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Chlorobenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Ethylbenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Styrene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Bromoform	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-019
Project Name:	Arivec	**Collection Date:**	1/23/2012 10:55:00 AM
Lab ID:	1201H92-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Isopropylbenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,3-Dichlorobenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,4-Dichlorobenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,2-Dichlorobenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,2-Dibromo-3-chloropropane	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
1,2,4-Trichlorobenzene	BRL	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Xylenes, Total	9300	2100		ug/Kg-dry	157270	500	02/01/2012 22:41	GK
Surr: 4-Bromofluorobenzene	95.3	56.5-134		%REC	157270	500	02/01/2012 22:41	GK
Surr: Dibromofluoromethane	94.5	71.8-135		%REC	157270	500	02/01/2012 22:41	GK
Surr: Toluene-d8	98.4	77.1-117		%REC	157270	500	02/01/2012 22:41	GK
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.117		mg/Kg-dry	157088	1	01/27/2012 13:33	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Aroclor 1221	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Aroclor 1232	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Aroclor 1242	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Aroclor 1248	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Aroclor 1254	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Aroclor 1260	BRL	39		ug/Kg-dry	157121	1	01/29/2012 16:57	SN
Surr: Decachlorobiphenyl	51.2	35.2-148		%REC	157121	1	01/29/2012 16:57	SN
Surr: Tetrachloro-m-xylene	41.2	26.2-120		%REC	157121	1	01/29/2012 16:57	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.71		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
Barium	49.2	5.71		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
Cadmium	BRL	2.85		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
Chromium	BRL	2.85		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
Lead	9.44	5.71		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
Selenium	BRL	5.71		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
Silver	BRL	2.85		mg/Kg-dry	157068	1	01/30/2012 10:39	BB
PERCENT MOISTURE D2216								
Percent Moisture	14.6	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-020
Project Name:	Arivec	**Collection Date:**	1/23/2012 11:30:00 AM
Lab ID:	1201H92-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	75000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Dichlorodifluoromethane	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Chloromethane	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Vinyl chloride	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Bromomethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Chloroethane	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Trichlorofluoromethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,1-Dichloroethene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Acetone	BRL	50000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Freon-113	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Carbon disulfide	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Methyl acetate	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Methylene chloride	BRL	9900		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Methyl tert-butyl ether	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
trans-1,2-Dichloroethene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,1-Dichloroethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
cis-1,2-Dichloroethene	27000	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
2-Butanone	BRL	25000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Chloroform	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,1,1-Trichloroethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Cyclohexane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Carbon tetrachloride	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Benzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,2-Dichloroethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Trichloroethene	220000	25000		ug/Kg-dry	157270	5000	02/02/2012 20:17	GK
Methylcyclohexane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,2-Dichloropropane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Bromodichloromethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
cis-1,3-Dichloropropene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
4-Methyl-2-pentanone	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Toluene	54000	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
trans-1,3-Dichloropropene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,1,2-Trichloroethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
2-Hexanone	BRL	5000		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Tetrachloroethene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Dibromochloromethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,2-Dibromoethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Chlorobenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Ethylbenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Styrene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Bromoform	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-020
Project Name:	Arivec	**Collection Date:**	1/23/2012 11:30:00 AM
Lab ID:	1201H92-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Isopropylbenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,3-Dichlorobenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,4-Dichlorobenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,2-Dichlorobenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,2-Dibromo-3-chloropropane	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
1,2,4-Trichlorobenzene	BRL	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Xylenes, Total	27000	2500		ug/Kg-dry	157270	500	02/01/2012 23:10	GK
Surr: 4-Bromofluorobenzene	92	56.5-134		%REC	157270	5000	02/02/2012 20:17	GK
Surr: 4-Bromofluorobenzene	96.2	56.5-134		%REC	157270	500	02/01/2012 23:10	GK
Surr: Dibromofluoromethane	96.4	71.8-135		%REC	157270	500	02/01/2012 23:10	GK
Surr: Dibromofluoromethane	100	71.8-135		%REC	157270	5000	02/02/2012 20:17	GK
Surr: Toluene-d8	95.6	77.1-117		%REC	157270	5000	02/02/2012 20:17	GK
Surr: Toluene-d8	96.4	77.1-117		%REC	157270	500	02/01/2012 23:10	GK
PERCENT MOISTURE D2216								
Percent Moisture	16.0	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-021
Project Name:	Arivec	**Collection Date:**	1/23/2012 11:45:00 AM
Lab ID:	1201H92-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	78000		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Dichlorodifluoromethane	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Chloromethane	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Vinyl chloride	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Bromomethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Chloroethane	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Trichlorofluoromethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,1-Dichloroethene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Acetone	66000	52000		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Freon-113	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Carbon disulfide	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Methyl acetate	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Methylene chloride	BRL	10000		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Methyl tert-butyl ether	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
trans-1,2-Dichloroethene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,1-Dichloroethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
cis-1,2-Dichloroethene	120000	26000		ug/Kg-dry	157270	5000	02/02/2012 20:46	GK
2-Butanone	270000	260000		ug/Kg-dry	157270	5000	02/02/2012 20:46	GK
Chloroform	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,1,1-Trichloroethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Cyclohexane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Carbon tetrachloride	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Benzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,2-Dichloroethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Trichloroethene	210000	26000		ug/Kg-dry	157270	5000	02/02/2012 20:46	GK
Methylcyclohexane	6900	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,2-Dichloropropane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Bromodichloromethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
cis-1,3-Dichloropropene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
4-Methyl-2-pentanone	240000	52000		ug/Kg-dry	157270	5000	02/02/2012 20:46	GK
Toluene	210000	26000		ug/Kg-dry	157270	5000	02/02/2012 20:46	GK
trans-1,3-Dichloropropene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,1,2-Trichloroethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
2-Hexanone	BRL	5200		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Tetrachloroethene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Dibromochloromethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,2-Dibromoethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Chlorobenzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Ethylbenzene	25000	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Styrene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Bromoform	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-021
Project Name:	Arivec	**Collection Date:**	1/23/2012 11:45:00 AM
Lab ID:	1201H92-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Isopropylbenzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,3-Dichlorobenzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,4-Dichlorobenzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,2-Dichlorobenzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,2-Dibromo-3-chloropropane	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
1,2,4-Trichlorobenzene	BRL	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Xylenes, Total	140000	2600		ug/Kg-dry	157270	500	02/01/2012 23:40	GK
Surr: 4-Bromofluorobenzene	95.3	56.5-134		%REC	157270	500	02/01/2012 23:40	GK
Surr: 4-Bromofluorobenzene	95.4	56.5-134		%REC	157270	5000	02/02/2012 20:46	GK
Surr: Dibromofluoromethane	94.5	71.8-135		%REC	157270	500	02/01/2012 23:40	GK
Surr: Dibromofluoromethane	99.4	71.8-135		%REC	157270	5000	02/02/2012 20:46	GK
Surr: Toluene-d8	98.8	77.1-117		%REC	157270	500	02/01/2012 23:40	GK
Surr: Toluene-d8	100	77.1-117		%REC	157270	5000	02/02/2012 20:46	GK
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.120		mg/Kg-dry	157088	1	01/27/2012 13:36	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Aroclor 1221	BRL	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Aroclor 1232	BRL	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Aroclor 1242	BRL	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Aroclor 1248	BRL	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Aroclor 1254	750	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Aroclor 1260	200	40		ug/Kg-dry	157121	1	01/29/2012 14:59	SN
Surr: Decachlorobiphenyl	58.4	35.2-148		%REC	157121	1	01/29/2012 14:59	SN
Surr: Tetrachloro-m-xylene	70.2	26.2-120		%REC	157121	1	01/29/2012 14:59	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.81		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
Barium	28.4	5.81		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
Cadmium	BRL	2.91		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
Chromium	5.72	2.91		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
Lead	23.3	5.81		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
Selenium	BRL	5.81		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
Silver	BRL	2.91		mg/Kg-dry	157068	1	01/30/2012 10:43	BB
PERCENT MOISTURE D2216								
Percent Moisture	17.7	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-022
Project Name:	Arivec	**Collection Date:**	1/23/2012 1:30:00 PM
Lab ID:	1201H92-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Dichlorodifluoromethane	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Chloromethane	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Vinyl chloride	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Bromomethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Chloroethane	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Acetone	BRL	79		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Freon-113	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Carbon disulfide	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Methyl acetate	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Methylene chloride	BRL	16		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
2-Butanone	BRL	40		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Chloroform	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Cyclohexane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Benzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Trichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Methylcyclohexane	4.1	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Bromodichloromethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
4-Methyl-2-pentanone	14	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Toluene	14	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
2-Hexanone	BRL	7.9		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Tetrachloroethene	6.9	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Dibromochloromethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Chlorobenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Ethylbenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Styrene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Bromoform	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-022
Project Name:	Arivec	**Collection Date:**	1/23/2012 1:30:00 PM
Lab ID:	1201H92-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Isopropylbenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Xylenes, Total	8.0	4.0		ug/Kg-dry	157413	1	02/03/2012 10:41	JE
Surr: 4-Bromofluorobenzene	97.9	56.5-134		%REC	157413	1	02/03/2012 10:41	JE
Surr: Dibromofluoromethane	97.3	71.8-135		%REC	157413	1	02/03/2012 10:41	JE
Surr: Toluene-d8	91.7	77.1-117		%REC	157413	1	02/03/2012 10:41	JE
PERCENT MOISTURE D2216								
Percent Moisture	10.7	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-023
Project Name:	Arivec	**Collection Date:**	1/23/2012 1:45:00 PM
Lab ID:	1201H92-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Chloromethane	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Vinyl chloride	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Bromomethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Chloroethane	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,1-Dichloroethene	27	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Acetone	BRL	100		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Freon-113	53	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Carbon disulfide	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Methyl acetate	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Methylene chloride	BRL	21		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,1-Dichloroethane	67	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
cis-1,2-Dichloroethene	4600	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
2-Butanone	BRL	52		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Chloroform	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,1,1-Trichloroethane	950	260		ug/Kg-dry	157270	50	02/03/2012 18:49	JT
Cyclohexane	4800	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Benzene	650	260		ug/Kg-dry	157270	50	02/03/2012 18:49	JT
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Trichloroethene	120	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Methylcyclohexane	11000	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Bromodichloromethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Toluene	57000	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
2-Hexanone	BRL	10		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Tetrachloroethene	2300	260		ug/Kg-dry	157270	50	02/03/2012 18:49	JT
Dibromochloromethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Chlorobenzene	21	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Ethylbenzene	19000	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
Styrene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Bromoform	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-023
Project Name:	Arivec	**Collection Date:**	1/23/2012 1:45:00 PM
Lab ID:	1201H92-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Isopropylbenzene	5400	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	157413	1	02/03/2012 15:27	JE
Xylenes, Total	100000	2600		ug/Kg-dry	157270	500	02/03/2012 17:59	JT
Surr: 4-Bromofluorobenzene	121	56.5-134		%REC	157270	50	02/03/2012 18:49	JT
Surr: 4-Bromofluorobenzene	80.4	56.5-134		%REC	157413	1	02/03/2012 15:27	JE
Surr: 4-Bromofluorobenzene	104	56.5-134		%REC	157270	500	02/03/2012 17:59	JT
Surr: Dibromofluoromethane	96.1	71.8-135		%REC	157270	50	02/03/2012 18:49	JT
Surr: Dibromofluoromethane	105	71.8-135		%REC	157270	500	02/03/2012 17:59	JT
Surr: Dibromofluoromethane	96.6	71.8-135		%REC	157413	1	02/03/2012 15:27	JE
Surr: Toluene-d8	105	77.1-117		%REC	157270	500	02/03/2012 17:59	JT
Surr: Toluene-d8	107	77.1-117		%REC	157270	50	02/03/2012 18:49	JT
Surr: Toluene-d8	115	77.1-117		%REC	157413	1	02/03/2012 15:27	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.128		mg/Kg-dry	157088	1	01/27/2012 13:38	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Aroclor 1221	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Aroclor 1232	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Aroclor 1242	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Aroclor 1248	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Aroclor 1254	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Aroclor 1260	BRL	43		ug/Kg-dry	157121	1	01/29/2012 17:27	SN
Surr: Decachlorobiphenyl	53.3	35.2-148		%REC	157121	1	01/29/2012 17:27	SN
Surr: Tetrachloro-m-xylene	69.9	26.2-120		%REC	157121	1	01/29/2012 17:27	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.35		mg/Kg-dry	157068	1	01/30/2012 11:03	BB
Barium	22.1	6.35		mg/Kg-dry	157068	1	01/30/2012 11:03	BB
Cadmium	BRL	3.18		mg/Kg-dry	157068	1	01/30/2012 11:03	BB
Chromium	10.8	3.18		mg/Kg-dry	157068	1	01/30/2012 11:03	BB
Lead	26.0	6.35		mg/Kg-dry	157068	1	01/30/2012 11:03	BB
Selenium	BRL	6.35		mg/Kg-dry	157068	1	01/30/2012 11:03	BB
Silver	BRL	3.18		mg/Kg-dry	157068	1	01/30/2012 11:03	BB

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-023
Project Name:	Arivec	**Collection Date:**	1/23/2012 1:45:00 PM
Lab ID:	1201H92-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	22.6	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-024
Project Name:	Arivec	**Collection Date:**	1/23/2012 2:30:00 PM
Lab ID:	1201H92-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Dichlorodifluoromethane	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Chloromethane	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Vinyl chloride	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Bromomethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Chloroethane	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Acetone	BRL	95		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Freon-113	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Carbon disulfide	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Methyl acetate	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Methylene chloride	BRL	19		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,1-Dichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
cis-1,2-Dichloroethene	73	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
2-Butanone	BRL	48		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Chloroform	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,1,1-Trichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Cyclohexane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Benzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Trichloroethene	1400	250		ug/Kg-dry	157431	50	02/03/2012 18:17	JE
Methylcyclohexane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Bromodichloromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
4-Methyl-2-pentanone	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Toluene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
2-Hexanone	BRL	9.5		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Tetrachloroethene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Dibromochloromethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Chlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Ethylbenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Styrene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Bromoform	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-024
Project Name:	Arivec	**Collection Date:**	1/23/2012 2:30:00 PM
Lab ID:	1201H92-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Isopropylbenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,4-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,2-Dichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Xylenes, Total	BRL	4.8		ug/Kg-dry	157413	1	02/03/2012 11:06	JE
Surr: 4-Bromofluorobenzene	89	56.5-134		%REC	157431	50	02/03/2012 18:17	JE
Surr: 4-Bromofluorobenzene	94.7	56.5-134		%REC	157413	1	02/03/2012 11:06	JE
Surr: Dibromofluoromethane	97.5	71.8-135		%REC	157431	50	02/03/2012 18:17	JE
Surr: Dibromofluoromethane	94.6	71.8-135		%REC	157413	1	02/03/2012 11:06	JE
Surr: Toluene-d8	90.7	77.1-117		%REC	157431	50	02/03/2012 18:17	JE
Surr: Toluene-d8	94.4	77.1-117		%REC	157413	1	02/03/2012 11:06	JE
PERCENT MOISTURE D2216								
Percent Moisture	16.3	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-025
Project Name:	Arivec	**Collection Date:**	1/23/2012 2:40:00 PM
Lab ID:	1201H92-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Dichlorodifluoromethane	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Chloromethane	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Vinyl chloride	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Bromomethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Chloroethane	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Acetone	BRL	91		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Freon-113	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Carbon disulfide	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Methyl acetate	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Methylene chloride	BRL	18		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
cis-1,2-Dichloroethene	120	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
2-Butanone	BRL	46		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Chloroform	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Cyclohexane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Benzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Trichloroethene	35	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Methylcyclohexane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Bromodichloromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
4-Methyl-2-pentanone	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Toluene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
2-Hexanone	BRL	9.1		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Tetrachloroethene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Dibromochloromethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Chlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Styrene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Bromoform	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-025
Project Name:	Arivec	**Collection Date:**	1/23/2012 2:40:00 PM
Lab ID:	1201H92-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Isopropylbenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Xylenes, Total	5.9	4.6		ug/Kg-dry	157413	1	02/03/2012 11:32	JE
Surr: 4-Bromofluorobenzene	100	56.5-134		%REC	157413	1	02/03/2012 11:32	JE
Surr: Dibromofluoromethane	95.9	71.8-135		%REC	157413	1	02/03/2012 11:32	JE
Surr: Toluene-d8	93	77.1-117		%REC	157413	1	02/03/2012 11:32	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.137		mg/Kg-dry	157088	1	01/27/2012 13:40	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Aroclor 1221	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Aroclor 1232	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Aroclor 1242	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Aroclor 1248	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Aroclor 1254	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Aroclor 1260	BRL	46		ug/Kg-dry	157121	1	01/29/2012 17:56	SN
Surr: Decachlorobiphenyl	58.6	35.2-148		%REC	157121	1	01/29/2012 17:56	SN
Surr: Tetrachloro-m-xylene	53.2	26.2-120		%REC	157121	1	01/29/2012 17:56	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.78		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
Barium	41.5	6.78		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
Cadmium	BRL	3.39		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
Chromium	BRL	3.39		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
Lead	30.7	6.78		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
Selenium	BRL	6.78		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
Silver	BRL	3.39		mg/Kg-dry	157068	1	01/30/2012 11:06	BB
PERCENT MOISTURE D2216								
Percent Moisture	27.7	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-026
Project Name:	Arivec	**Collection Date:**	1/23/2012 3:00:00 PM
Lab ID:	1201H92-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Dichlorodifluoromethane	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Chloromethane	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Vinyl chloride	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Bromomethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Chloroethane	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Acetone	BRL	81		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Freon-113	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Carbon disulfide	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Methyl acetate	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Methylene chloride	BRL	16		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
2-Butanone	BRL	40		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Chloroform	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Cyclohexane	36	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Benzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Trichloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Methylcyclohexane	160	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Bromodichloromethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
4-Methyl-2-pentanone	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Toluene	3100	210		ug/Kg-dry	157270	50	02/03/2012 19:09	SB
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
2-Hexanone	BRL	8.1		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Tetrachloroethene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Dibromochloromethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Chlorobenzene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Ethylbenzene	5200	210		ug/Kg-dry	157270	50	02/03/2012 19:09	SB
Styrene	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Bromoform	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-026
Project Name:	Arivec	**Collection Date:**	1/23/2012 3:00:00 PM
Lab ID:	1201H92-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Isopropylbenzene	25	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,3-Dichlorobenzene	12	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,4-Dichlorobenzene	25	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,2-Dichlorobenzene	150	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
1,2,4-Trichlorobenzene	24	4.0		ug/Kg-dry	157413	1	02/03/2012 15:02	JE
Xylenes, Total	23000	2100		ug/Kg-dry	157270	500	02/03/2012 20:05	SB
Surr: 4-Bromofluorobenzene	106	56.5-134		%REC	157270	500	02/03/2012 20:05	SB
Surr: 4-Bromofluorobenzene	143	56.5-134	S	%REC	157270	50	02/03/2012 19:09	SB
Surr: 4-Bromofluorobenzene	96.7	56.5-134		%REC	157413	1	02/03/2012 15:02	JE
Surr: Dibromofluoromethane	103	71.8-135		%REC	157270	500	02/03/2012 20:05	SB
Surr: Dibromofluoromethane	90	71.8-135		%REC	157413	1	02/03/2012 15:02	JE
Surr: Dibromofluoromethane	101	71.8-135		%REC	157270	50	02/03/2012 19:09	SB
Surr: Toluene-d8	105	77.1-117		%REC	157270	500	02/03/2012 20:05	SB
Surr: Toluene-d8	108	77.1-117		%REC	157270	50	02/03/2012 19:09	SB
Surr: Toluene-d8	96.5	77.1-117		%REC	157413	1	02/03/2012 15:02	JE
PERCENT MOISTURE D2216								
Percent Moisture	8.37	0		wt%	R214247	1	01/31/2012 11:30	AS

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-027
Project Name:	Arivec	**Collection Date:**	1/23/2012 3:05:00 PM
Lab ID:	1201H92-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,1,2-Trichloroethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,1-Dichloroethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,1-Dichloroethene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,2-Dibromoethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,2-Dichlorobenzene	12	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,2-Dichloroethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,2-Dichloropropane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,3-Dichlorobenzene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,4-Dichlorobenzene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
1,4-Dioxane	BRL	150		ug/L	157181	1	02/03/2012 13:29	SB
2-Butanone	BRL	50		ug/L	157181	1	02/03/2012 13:29	SB
2-Hexanone	BRL	10		ug/L	157181	1	02/03/2012 13:29	SB
4-Methyl-2-pentanone	BRL	10		ug/L	157181	1	02/03/2012 13:29	SB
Acetone	BRL	50		ug/L	157181	1	02/03/2012 13:29	SB
Benzene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Bromodichloromethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Bromoform	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Bromomethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Carbon disulfide	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Carbon tetrachloride	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Chlorobenzene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Chloroethane	BRL	10		ug/L	157181	1	02/03/2012 13:29	SB
Chloroform	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Chloromethane	BRL	10		ug/L	157181	1	02/03/2012 13:29	SB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Cyclohexane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Dibromochloromethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Dichlorodifluoromethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Ethylbenzene	38	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Freon-113	BRL	10		ug/L	157181	1	02/03/2012 13:29	SB
Isopropylbenzene	20	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Methyl acetate	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Methyl tert-butyl ether	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Methylcyclohexane	7.4	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Methylene chloride	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Styrene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-027
Project Name:	Arivec	**Collection Date:**	1/23/2012 3:05:00 PM
Lab ID:	1201H92-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Toluene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Trichloroethene	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Trichlorofluoromethane	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Vinyl chloride	BRL	2.0		ug/L	157181	1	02/03/2012 13:29	SB
Xylenes, Total	BRL	5.0		ug/L	157181	1	02/03/2012 13:29	SB
Surr: 4-Bromofluorobenzene	109	64.6-131		%REC	157181	1	02/03/2012 13:29	SB
Surr: Dibromofluoromethane	105	70.6-128		%REC	157181	1	02/03/2012 13:29	SB
Surr: Toluene-d8	103	70.5-116		%REC	157181	1	02/03/2012 13:29	SB

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-028
Project Name:	Arivec	**Collection Date:**	1/23/2012 4:00:00 PM
Lab ID:	1201H92-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	60000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Dichlorodifluoromethane	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Chloromethane	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Vinyl chloride	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Bromomethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Chloroethane	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Trichlorofluoromethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,1-Dichloroethene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Acetone	BRL	40000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Freon-113	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Carbon disulfide	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Methyl acetate	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Methylene chloride	BRL	8000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Methyl tert-butyl ether	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
trans-1,2-Dichloroethene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,1-Dichloroethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
cis-1,2-Dichloroethene	2200	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
2-Butanone	BRL	20000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Chloroform	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,1,1-Trichloroethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Cyclohexane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Carbon tetrachloride	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Benzene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,2-Dichloroethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Trichloroethene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Methylcyclohexane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,2-Dichloropropane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Bromodichloromethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
cis-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
4-Methyl-2-pentanone	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Toluene	11000	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
trans-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,1,2-Trichloroethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
2-Hexanone	BRL	4000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Tetrachloroethene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Dibromochloromethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,2-Dibromoethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Chlorobenzene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Ethylbenzene	15000	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Styrene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Bromoform	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-028
Project Name:	Arivec	**Collection Date:**	1/23/2012 4:00:00 PM
Lab ID:	1201H92-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Isopropylbenzene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,3-Dichlorobenzene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,4-Dichlorobenzene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,2-Dichlorobenzene	9200	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,2-Dibromo-3-chloropropane	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
1,2,4-Trichlorobenzene	BRL	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Xylenes, Total	130000	2000		ug/Kg-dry	157270	500	02/02/2012 00:10	GK
Surr: 4-Bromofluorobenzene	96.8	56.5-134		%REC	157270	500	02/02/2012 00:10	GK
Surr: Dibromofluoromethane	96	71.8-135		%REC	157270	500	02/02/2012 00:10	GK
Surr: Toluene-d8	96.7	77.1-117		%REC	157270	500	02/02/2012 00:10	GK
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R214247	1	01/31/2012 11:30	AS

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: 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-029
Project Name:	Arivec	**Collection Date:**	1/23/2012 4:05:00 PM
Lab ID:	1201H92-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	54000		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Dichlorodifluoromethane	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Chloromethane	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Vinyl chloride	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Bromomethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Chloroethane	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Trichlorofluoromethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,1-Dichloroethene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Acetone	BRL	36000		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Freon-113	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Carbon disulfide	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Methyl acetate	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Methylene chloride	BRL	7200		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Methyl tert-butyl ether	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
trans-1,2-Dichloroethene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,1-Dichloroethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
cis-1,2-Dichloroethene	240000	18000		ug/Kg-dry	157270	5000	02/02/2012 21:15	GK
2-Butanone	BRL	18000		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Chloroform	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,1,1-Trichloroethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Cyclohexane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Carbon tetrachloride	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Benzene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,2-Dichloroethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Trichloroethene	320000	18000		ug/Kg-dry	157270	5000	02/02/2012 21:15	GK
Methylcyclohexane	7600	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,2-Dichloropropane	9400	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Bromodichloromethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
cis-1,3-Dichloropropene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
4-Methyl-2-pentanone	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Toluene	140000	18000		ug/Kg-dry	157270	5000	02/02/2012 21:15	GK
trans-1,3-Dichloropropene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,1,2-Trichloroethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
2-Hexanone	BRL	3600		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Tetrachloroethene	2000	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Dibromochloromethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,2-Dibromoethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Chlorobenzene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Ethylbenzene	17000	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Styrene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Bromoform	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK

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:** 7-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-029
Project Name:	Arivec	**Collection Date:**	1/23/2012 4:05:00 PM
Lab ID:	1201H92-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Isopropylbenzene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,3-Dichlorobenzene	2300	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,4-Dichlorobenzene	9600	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,2-Dichlorobenzene	150000	18000		ug/Kg-dry	157270	5000	02/02/2012 21:15	GK
1,2-Dibromo-3-chloropropane	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
1,2,4-Trichlorobenzene	BRL	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Xylenes, Total	78000	1800		ug/Kg-dry	157270	500	02/02/2012 00:39	GK
Surr: 4-Bromofluorobenzene	96.1	56.5-134		%REC	157270	5000	02/02/2012 21:15	GK
Surr: 4-Bromofluorobenzene	96.4	56.5-134		%REC	157270	500	02/02/2012 00:39	GK
Surr: Dibromofluoromethane	93.8	71.8-135		%REC	157270	500	02/02/2012 00:39	GK
Surr: Dibromofluoromethane	100	71.8-135		%REC	157270	5000	02/02/2012 21:15	GK
Surr: Toluene-d8	96.8	77.1-117		%REC	157270	5000	02/02/2012 21:15	GK
Surr: Toluene-d8	97.7	77.1-117		%REC	157270	500	02/02/2012 00:39	GK
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.261	0.108		mg/Kg-dry	157088	1	01/27/2012 13:42	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Aroclor 1221	BRL	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Aroclor 1232	BRL	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Aroclor 1242	BRL	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Aroclor 1248	BRL	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Aroclor 1254	690	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Aroclor 1260	190	37		ug/Kg-dry	157121	1	01/29/2012 18:27	SN
Surr: Decachlorobiphenyl	2280	35.2-148	S	%REC	157121	1	01/29/2012 18:27	SN
Surr: Tetrachloro-m-xylene	53.8	26.2-120		%REC	157121	1	01/29/2012 18:27	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.31		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
Barium	33.4	5.31		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
Cadmium	BRL	2.66		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
Chromium	24.0	2.66		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
Lead	109	5.31		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
Selenium	BRL	5.31		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
Silver	BRL	2.66		mg/Kg-dry	157068	1	01/30/2012 11:09	BB
PERCENT MOISTURE D2216								
Percent Moisture	10.2	0		wt%	R214247	1	01/31/2012 11:30	AS

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.

Sample/Cooler Receipt Checklist

Client Cordtoga Work Order Number 1201H92

Checklist completed by [signature] 1/25/12
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.9° Cooler #2 3.7° 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157068

Sample ID: **MB-157068** Client ID: Units: **mg/Kg** Prep Date: **01/27/2012** Run No: **214066**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157068** Analysis Date: **01/30/2012** Seq No: **4476509**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00	0	0	0	0	0	0	0	0	
Barium	BRL	5.00	0	0	0	0	0	0	0	0	
Cadmium	BRL	2.50	0	0	0	0	0	0	0	0	
Chromium	BRL	2.50	0	0	0	0	0	0	0	0	
Lead	BRL	5.00	0	0	0	0	0	0	0	0	
Selenium	BRL	5.00	0	0	0	0	0	0	0	0	
Silver	BRL	2.50	0	0	0	0	0	0	0	0	

Sample ID: **LCS-157068** Client ID: Units: **mg/Kg** Prep Date: **01/27/2012** Run No: **214066**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157068** Analysis Date: **01/30/2012** Seq No: **4476507**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	49.64	5.00	50	0	99.3	80	120	0	0	0	
Barium	49.34	5.00	50	0	98.7	80	120	0	0	0	
Cadmium	48.69	2.50	50	0	97.4	80	120	0	0	0	
Chromium	52.69	2.50	50	0	105	80	120	0	0	0	
Lead	49.08	5.00	50	0	98.2	80	120	0	0	0	
Selenium	49.63	5.00	50	0.4916	98.3	80	120	0	0	0	
Silver	4.830	2.50	5	0	96.6	80	120	0	0	0	

Sample ID: **1201I24-004CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **01/27/2012** Run No: **214066**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157068** Analysis Date: **01/30/2012** Seq No: **4476512**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	52.13	5.78	57.82	0	90.2	75	125	0	0	0	
Barium	215.4	5.78	57.82	154.9	105	75	125	0	0	0	
Cadmium	54.95	2.89	57.82	0	95	75	125	0	0	0	
Chromium	70.32	2.89	57.82	12.37	100	75	125	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157068

Sample ID: **1201I24-004CMS**	Client ID:			Units: **mg/Kg-dry**	Prep Date: **01/27/2012**	Run No: **214066**
SampleType: **MS**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **157068**	Analysis Date: **01/30/2012**	Seq No: **4476512**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	75.07	5.78	57.82	26.88	83.4	75	125	0	0	0	
Selenium	53.65	5.78	57.82	0	92.8	75	125	0	0	0	
Silver	5.216	2.89	5.782	0	90.2	75	125	0	0	0	

Sample ID: **1201I24-004CMSD**	Client ID:			Units: **mg/Kg-dry**	Prep Date: **01/27/2012**	Run No: **214066**
SampleType: **MSD**	TestCode: **METALS, TOTAL**	**SW6010C**		BatchID: **157068**	Analysis Date: **01/30/2012**	Seq No: **4476513**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	52.28	5.78	57.84	0	90.4	75	125	52.13	0.281	20	
Barium	186.4	5.78	57.84	154.9	54.3	75	125	215.4	14.5	20	S
Cadmium	52.61	2.89	57.84	0	91	75	125	54.95	4.35	20	
Chromium	75.67	2.89	57.84	12.37	109	75	125	70.32	7.34	20	
Lead	70.40	5.78	57.84	26.88	75.3	75	125	75.07	6.42	20	
Selenium	47.44	5.78	57.84	0	82	75	125	53.65	12.3	20	
Silver	4.964	2.89	5.784	0	85.8	75	125	5.216	4.95	20	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157088

Sample ID: **MB-157088** Client ID: Units: **mg/Kg** Prep Date: **01/27/2012** Run No: **213984**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **157088** Analysis Date: **01/27/2012** Seq No: **4473785**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-157088** Client ID: Units: **mg/Kg** Prep Date: **01/27/2012** Run No: **213984**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **157088** Analysis Date: **01/27/2012** Seq No: **4473788**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4129	0.100	0.4	0	103	80	120	0	0	0	

Sample ID: **1201H65-006CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **01/27/2012** Run No: **213984**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **157088** Analysis Date: **01/27/2012** Seq No: **4473793**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5205	0.119	0.4771	0	109	70	130	0	0	0	

Sample ID: **1201H65-006CMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **01/27/2012** Run No: **213984**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **157088** Analysis Date: **01/27/2012** Seq No: **4473796**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5251	0.119	0.4771	0	110	70	130	0.5205	0.884	30	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157121

Sample ID: **MB-157121** Client ID: Units: **ug/Kg** Prep Date: **01/28/2012** Run No: **214060**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157121** Analysis Date: **01/29/2012** Seq No: **4475806**

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	0	0	0	0	0	0	0	0	
Aroclor 1221	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1232	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1242	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1248	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1254	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1260	BRL	33	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	9.909	0	16.67	0	59.4	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	9.168	0	16.67	0	55	26.2	120	0	0	0	

Sample ID: **LCS-157121** Client ID: Units: **ug/Kg** Prep Date: **01/28/2012** Run No: **214060**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157121** Analysis Date: **01/29/2012** Seq No: **4475808**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	129.6	33	166.7	0	77.7	58.5	130	0	0	0	
Aroclor 1260	135.4	33	166.7	0	81.2	63.1	133	0	0	0	
Surr: Decachlorobiphenyl	10.07	0	16.67	0	60.4	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	9.816	0	16.67	0	58.9	26.2	120	0	0	0	

Sample ID: **1201H92-021CMS** Client ID: **S-012412-DJB-021** Units: **ug/Kg-dry** Prep Date: **01/28/2012** Run No: **214060**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157121** Analysis Date: **01/29/2012** Seq No: **4475818**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	225.0	40	202.3	0	111	41.8	140	0	0	0	
Aroclor 1260	773.0	40	202.3	202.4	282	39.4	140	0	0	0	S
Surr: Decachlorobiphenyl	13.82	0	20.24	0	68.3	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	10.05	0	20.24	0	49.7	26.2	120	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157121

Sample ID: **1201H92-021CMSD** Client ID: **S-012412-DJB-021** Units: **ug/Kg-dry** Prep Date: **01/28/2012** Run No: **214060**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157121** Analysis Date: **01/29/2012** Seq No: **4475826**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	234.2	40	202.3	0	116	41.8	140	225.0	4	32.4	
Aroclor 1260	808.7	40	202.3	202.4	300	39.4	140	773.0	4.51	32.7	S
Surr: Decachlorobiphenyl	13.35	0	20.24	0	66	35.2	148	13.82	0	0	
Surr: Tetrachloro-m-xylene	8.668	0	20.24	0	42.8	26.2	120	10.05	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157181

Sample ID: **MB-157181** Client ID: Units: **ug/L** Prep Date: **01/28/2012** Run No: **214068**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157181** Analysis Date: **01/28/2012** Seq No: **4476516**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157181

Sample ID: **MB-157181** Client ID: Units: **ug/L** Prep Date: **01/28/2012** Run No: **214068**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157181** Analysis Date: **01/28/2012** Seq No: **4476516**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	45.53	0	50	0	91.1	64.6	131	0	0	0	
Surr: Dibromofluoromethane	50.39	0	50	0	101	70.6	128	0	0	0	
Surr: Toluene-d8	50.76	0	50	0	102	70.5	116	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157181

Sample ID: **LCS-157181**	Client ID:		Units: **ug/L**	Prep Date: **01/28/2012**	Run No: **214115**
SampleType: **LCS**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **157181**	Analysis Date: **01/30/2012**	Seq No: **4476962**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	64.22	5.0	50	0	128	51.3	142	0	0	0	
Benzene	52.96	5.0	50	0	106	70.2	125	0	0	0	
Chlorobenzene	45.94	5.0	50	0	91.9	73.5	121	0	0	0	
Toluene	51.07	5.0	50	0	102	66	131	0	0	0	
Trichloroethene	50.49	5.0	50	0	101	63.6	129	0	0	0	
Surr: 4-Bromofluorobenzene	51.82	0	50	0	104	64.6	131	0	0	0	
Surr: Dibromofluoromethane	55.48	0	50	0	111	70.6	128	0	0	0	
Surr: Toluene-d8	55.09	0	50	0	110	70.5	116	0	0	0	

Sample ID: **1201G78-001AMS**	Client ID:		Units: **ug/L**	Prep Date: **01/28/2012**	Run No: **214115**
SampleType: **MS**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **157181**	Analysis Date: **01/30/2012**	Seq No: **4478144**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	43.99	5.0	50	0	88	46.9	155	0	0	0	
Benzene	36.23	5.0	50	0	72.5	65.5	134	0	0	0	
Chlorobenzene	32.50	5.0	50	0	65	73	124	0	0	0	S
Toluene	35.96	5.0	50	0	71.9	60	136	0	0	0	
Trichloroethene	32.49	5.0	50	0	65	66.2	140	0	0	0	S
Surr: 4-Bromofluorobenzene	50.69	0	50	0	101	64.6	131	0	0	0	
Surr: Dibromofluoromethane	54.51	0	50	0	109	70.6	128	0	0	0	
Surr: Toluene-d8	56.23	0	50	0	112	70.5	116	0	0	0	

Sample ID: **1201G78-001AMSD**	Client ID:		Units: **ug/L**	Prep Date: **01/28/2012**	Run No: **214115**
SampleType: **MSD**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **157181**	Analysis Date: **01/30/2012**	Seq No: **4478148**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	42.78	5.0	50	0	85.6	46.9	155	43.99	2.79	15.8	
Benzene	35.54	5.0	50	0	71.1	65.5	134	36.23	1.92	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157181

Sample ID: **1201G78-001AMSD** Client ID:
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B**
Units: **ug/L** Prep Date: **01/28/2012** Run No: **214115**
BatchID: **157181** Analysis Date: **01/30/2012** Seq No: **4478148**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	31.95	5.0	50	0	63.9	73	124	32.50	1.71	10	S
Toluene	34.39	5.0	50	0	68.8	60	136	35.96	4.46	10	
Trichloroethene	34.46	5.0	50	0	68.9	66.2	140	32.49	5.88	11	
Surr: 4-Bromofluorobenzene	50.89	0	50	0	102	64.6	131	50.69	0	0	
Surr: Dibromofluoromethane	53.62	0	50	0	107	70.6	128	54.51	0	0	
Surr: Toluene-d8	54.52	0	50	0	109	70.5	116	56.23	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157270

Sample ID: **MB-157270** Client ID: Units: **ug/Kg** Prep Date: **01/31/2012** Run No: **214199**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157270** Analysis Date: **01/31/2012** Seq No: **4480489**

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	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157270

Sample ID: **MB-157270** Client ID: Units: **ug/Kg** Prep Date: **01/31/2012** Run No: **214199**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157270** Analysis Date: **01/31/2012** Seq No: **4480489**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2122	0	2500	0	84.9	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2571	0	2500	0	103	71.8	135	0	0	0	
Surr: Toluene-d8	2418	0	2500	0	96.7	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157270

Sample ID: **LCS-157270**	Client ID:		Units: **ug/Kg**	Prep Date: **01/31/2012**	Run No: **214199**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157270**	Analysis Date: **01/31/2012**	Seq No: **4480487**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2656	250	2500	0	106	60	140	0	0	0	
Benzene	2400	250	2500	0	96	70	130	0	0	0	
Chlorobenzene	2494	250	2500	0	99.7	70	130	0	0	0	
Toluene	2484	250	2500	0	99.4	70	130	0	0	0	
Trichloroethene	2536	250	2500	0	101	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	2464	0	2500	0	98.5	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2649	0	2500	0	106	71.8	135	0	0	0	
Surr: Toluene-d8	2630	0	2500	0	105	77.1	117	0	0	0	

Sample ID: **1201H65-015AMS**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **01/31/2012**	Run No: **214199**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157270**	Analysis Date: **01/31/2012**	Seq No: **4480493**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2226	210	2130	0	105	51	159	0	0	0	
Benzene	2170	210	2130	0	102	67.6	139	0	0	0	
Chlorobenzene	2225	210	2130	0	104	73.6	135	0	0	0	
Toluene	2264	210	2130	52.39	104	63.5	140	0	0	0	
Trichloroethene	2652	210	2130	340.3	109	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	1991	0	2130	0	93.5	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2178	0	2130	0	102	71.8	135	0	0	0	
Surr: Toluene-d8	2195	0	2130	0	103	77.1	117	0	0	0	

Sample ID: **1201H65-015AMSD**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **01/31/2012**	Run No: **214199**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157270**	Analysis Date: **02/01/2012**	Seq No: **4480495**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2124	210	2130	0	99.7	51	159	2226	4.68	25.7	
Benzene	2150	210	2130	0	101	67.6	139	2170	0.947	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157270

Sample ID: **1201H65-015AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/31/2012** Run No: **214199**
BatchID: **157270** Analysis Date: **02/01/2012** Seq No: **4480495**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2258	210	2130	0	106	73.6	135	2225	1.44	18.5	
Toluene	2214	210	2130	52.39	102	63.5	140	2264	2.23	18.8	
Trichloroethene	2643	210	2130	340.3	108	67.6	145	2652	0.37	20.7	
Surr: 4-Bromofluorobenzene	2048	0	2130	0	96.2	56.5	134	1991	0	0	
Surr: Dibromofluoromethane	2123	0	2130	0	99.7	71.8	135	2178	0	0	
Surr: Toluene-d8	2169	0	2130	0	102	77.1	117	2195	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157413

Sample ID: **MB-157413** Client ID: Units: **ug/Kg** Prep Date: **02/03/2012** Run No: **214470**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157413** Analysis Date: **02/03/2012** Seq No: **4484406**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157413

Sample ID: **MB-157413** Client ID: Units: **ug/Kg** Prep Date: **02/03/2012** Run No: **214470**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157413** Analysis Date: **02/03/2012** Seq No: **4484406**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	47.30	0	50	0	94.6	56.5	134	0	0	0	
Surr: Dibromofluoromethane	51.57	0	50	0	103	71.8	135	0	0	0	
Surr: Toluene-d8	47.41	0	50	0	94.8	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157413

Sample ID: **LCS-157413**	Client ID:		Units: **ug/Kg**	Prep Date: **02/03/2012**	Run No: **214470**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157413**	Analysis Date: **02/03/2012**	Seq No: **4484402**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.63	5.0	50	0	107	60	140	0	0	0	
Benzene	55.65	5.0	50	0	111	70	130	0	0	0	
Chlorobenzene	53.93	5.0	50	0	108	70	130	0	0	0	
Toluene	53.08	5.0	50	0	106	70	130	0	0	0	
Trichloroethene	54.21	5.0	50	0	108	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.54	0	50	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	52.98	0	50	0	106	71.8	135	0	0	0	
Surr: Toluene-d8	50.50	0	50	0	101	77.1	117	0	0	0	

Sample ID: **1201H92-016AMS**	Client ID: **S-012412-DJB-016**		Units: **ug/Kg-dry**	Prep Date: **02/03/2012**	Run No: **214470**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157413**	Analysis Date: **02/03/2012**	Seq No: **4484847**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.78	6.1	60.72	0	85.3	51	159	0	0	0	
Benzene	54.24	6.1	60.72	0	89.3	67.6	139	0	0	0	
Chlorobenzene	60.41	6.1	60.72	0	99.5	73.6	135	0	0	0	
Toluene	67.69	6.1	60.72	1.582	109	63.5	140	0	0	0	
Trichloroethene	61.83	6.1	60.72	0	102	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	59.87	0	60.72	0	98.6	56.5	134	0	0	0	
Surr: Dibromofluoromethane	55.55	0	60.72	0	91.5	71.8	135	0	0	0	
Surr: Toluene-d8	58.02	0	60.72	0	95.6	77.1	117	0	0	0	

Sample ID: **1201H92-016AMSD**	Client ID: **S-012412-DJB-016**		Units: **ug/Kg-dry**	Prep Date: **02/03/2012**	Run No: **214470**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157413**	Analysis Date: **02/03/2012**	Seq No: **4484852**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.12	6.1	60.72	0	87.5	51	159	51.78	2.55	25.7	
Benzene	55.98	6.1	60.72	0	92.2	67.6	139	54.24	3.17	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157413

Sample ID: **1201H92-016AMSD** Client ID: **S-012412-DJB-016** Units: **ug/Kg-dry** Prep Date: **02/03/2012** Run No: **214470**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157413** Analysis Date: **02/03/2012** Seq No: **4484852**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	62.02	6.1	60.72	0	102	73.6	135	60.41	2.64	18.5	
Toluene	62.20	6.1	60.72	1.582	99.8	63.5	140	67.69	8.45	18.8	
Trichloroethene	65.32	6.1	60.72	0	108	67.6	145	61.83	5.5	20.7	
Surr: 4-Bromofluorobenzene	60.02	0	60.72	0	98.8	56.5	134	59.87	0	0	
Surr: Dibromofluoromethane	54.47	0	60.72	0	89.7	71.8	135	55.55	0	0	
Surr: Toluene-d8	57.07	0	60.72	0	94	77.1	117	58.02	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **MB-157431** Client ID: Units: **ug/Kg** Prep Date: **02/03/2012** Run No: **214506**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157431** Analysis Date: **02/03/2012** Seq No: **4485116**

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	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **MB-157431** Client ID: Units: **ug/Kg** Prep Date: **02/03/2012** Run No: **214506**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157431** Analysis Date: **02/03/2012** Seq No: **4485116**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2230	0	2500	0	89.2	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2377	0	2500	0	95.1	71.8	135	0	0	0	
Surr: Toluene-d8	2254	0	2500	0	90.1	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **LCS-157431**	Client ID:		Units: **ug/Kg**	Prep Date: **02/03/2012**	Run No: **214506**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157431**	Analysis Date: **02/03/2012**	Seq No: **4485127**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3263	250	2500	0	131	60	140	0	0	0	
Benzene	2682	250	2500	0	107	70	130	0	0	0	
Chlorobenzene	2570	250	2500	0	103	70	130	0	0	0	
Toluene	2756	250	2500	0	110	70	130	0	0	0	
Trichloroethene	2809	250	2500	0	112	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	2536	0	2500	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2480	0	2500	0	99.2	71.8	135	0	0	0	
Surr: Toluene-d8	2577	0	2500	0	103	77.1	117	0	0	0	

Sample ID: **1201H92-003AMS**	Client ID: **S-012312-DJB-003**		Units: **ug/Kg-dry**	Prep Date: **02/03/2012**	Run No: **214506**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157431**	Analysis Date: **02/03/2012**	Seq No: **4487133**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2496	220	2200	0	113	51	159	0	0	0	
Benzene	2123	220	2200	0	96.5	67.6	139	0	0	0	
Chlorobenzene	1968	220	2200	0	89.5	73.6	135	0	0	0	
Toluene	2112	220	2200	0	96	63.5	140	0	0	0	
Trichloroethene	2284	220	2200	106.9	99	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	2231	0	2200	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2162	0	2200	0	98.3	71.8	135	0	0	0	
Surr: Toluene-d8	2261	0	2200	0	103	77.1	117	0	0	0	

Sample ID: **1201H92-003AMSD**	Client ID: **S-012312-DJB-003**		Units: **ug/Kg-dry**	Prep Date: **02/03/2012**	Run No: **214506**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157431**	Analysis Date: **02/03/2012**	Seq No: **4487134**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2571	220	2200	0	117	51	159	2496	2.95	25.7	
Benzene	2287	220	2200	0	104	67.6	139	2123	7.44	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201H92

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **1201H92-003AMSD** Client ID: **S-012312-DJB-003** Units: **ug/Kg-dry** Prep Date: **02/03/2012** Run No: **214506**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157431** Analysis Date: **02/03/2012** Seq No: **4487134**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2182	220	2200	0	99.2	73.6	135	1968	10.3	18.5	
Toluene	2285	220	2200	0	104	63.5	140	2112	7.86	18.8	
Trichloroethene	2484	220	2200	106.9	108	67.6	145	2284	8.36	20.7	
Surr: 4-Bromofluorobenzene	2260	0	2200	0	103	56.5	134	2231	0	0	
Surr: Dibromofluoromethane	2121	0	2200	0	96.4	71.8	135	2162	0	0	
Surr: Toluene-d8	2245	0	2200	0	102	77.1	117	2261	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

February 14, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1201K66

Analytical Environmental Services, Inc. received 24 samples on 1/27/2012 4:30:00 PM 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CKKanhai

Chantelle Kanhai
Project Manager

1201K66

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Duluth GA

SHIPPED TO (Laboratory Name): AES Atlanta

REFERENCE NUMBER: 35029 Arivec

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: David Braytowski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: TCL VOCs	1,4 Dioxane	SPLP	PCBs	RCRA Metals	REMARKS
	1/25/12	8:20	S-012512-DJB- 030	Soil	4	X	X				Standard TAT
		8:30	031		6	X	X	X	X		
		9:20	032		4	X	X				
		9:30	033		6	X	X	X	X		
		10:00	034		4	X	X				
		10:10	035		6	X	X	X	X		
		10:40	036		4	X	X				
		10:50	037		6	X	X	X	X		
		11:20	038		4	X	X				
		11:30	039		6	X	X	X	X		
		13:10	040		4	X	X				
		13:20	041		6	X	X	X	X		
		14:20	042		2	X	X	X			
		15:00	043		6	X	X	X	X		
		16:10	044		4	X	X				
	1/25/12	16:20	S-012512-DJB 045	Soil	6	X	X	X	X		
			Trip Blank	water	2	X	X				
TOTAL NUMBER OF CONTAINERS					80	HEALTH/CHEMICAL HAZARDS					

RELINQUISHED BY: ① [signature]	DATE: 1/27/12 TIME: 16:25	RECEIVED BY: ① [signature] 1/27/12 4:30	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:
DATE: _____ TIME: _____

Nº CRA 24309

1001 (D) APR 28/97(NF) REV. 0 (F-15)

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta

REFERENCE NUMBER: 35029 Arivec

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: David Brytowski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: TCL VOCs	1,4 Dioxane	STLC VOCs	PCBs	RCRA Metals	REMARKS
	1/26/12	8:30	S-012612-DJB-046	Soil	4	X	X				Standard TAT
		8:40	047	Soil	6	X	X	X	X		
		10:30	048	Soil	4	X	X				
	1/26/12	10:40	S-012612-DJB 049	Soil	6	X	X	X	X		
	1/26/12	11:25	S-012612-DJB-050	Soil	6	X	X	X	X		
	1/26/12	11:35	S-012612-DJB-051	Soil	6	X	X	X	X		
	1/26/12	11:45	S-012612-DJB-052	Soil	6	X	X	X	X		

TOTAL NUMBER OF CONTAINERS: 38

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① [signature]	DATE: 1/27/12 TIME: 16:25	RECEIVED BY: ① [signature]	DATE: 1/27/12 TIME: 4:50
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

No. CRA 24266

1001 (D) APR 28/97(NF) REV. 0 (F-15)

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1201K66

Case Narrative

Sample Receiving Nonconformance:

The 2oz jar submitted for 1201K66-001 was labeled as "S-012512-DJB-031" but had a collection date and time of 1/25/2012 8:20:00 AM. Since the samples came in sets, the sample was logged in according to the Chain of Custody (COC).

The vials submitted for 1201K66-004 were not labeled with a sample ID. Since the samples came in sets, the vials were logged in according to the COC.

PCB Analysis by Method 8082:

Due to sample matrix, sample 1201K66-022 and -023 required dilution during analysis resulting in elevated reporting limits.

Volatile Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 1201K66-001, -002, -003, -004, -007, -008, -009, -010, -015, -016, -018, -019 & -021 required dilution during preparation and/or analysis resulting in elevated reporting limits.

2-Butanone & Acetone value for sample 1201K66-022 is "E" qualified indicating an estimated value over linear calibration range. Sample was diluted and reanalyzed with analyte being below reporting limit.

Acetone value for sample 1201K66-023 is "E" qualified indicating an estimated value over linear calibration range. Sample was diluted and reanalyzed with analyte being below reporting limit.

Percent recoveries for all internal standard compounds on sample 1201K66-022 was outside control limits biased low due to suspected matrix interference.

Percent recoveries for the internal standard compounds Pentafluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on sample 1201K66-024A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1201K66-023A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Analytical Environmental Services, Inc

Date: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-030
Project Name:	Arivec	**Collection Date:**	1/25/2012 8:20:00 AM
Lab ID:	1201K66-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	55000		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Dichlorodifluoromethane	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Chloromethane	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Vinyl chloride	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Bromomethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Chloroethane	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Trichlorofluoromethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,1-Dichloroethene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Acetone	BRL	37000		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Freon-113	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Carbon disulfide	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Methyl acetate	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Methylene chloride	BRL	7300		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Methyl tert-butyl ether	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
trans-1,2-Dichloroethene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,1-Dichloroethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
cis-1,2-Dichloroethene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
2-Butanone	BRL	18000		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Chloroform	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,1,1-Trichloroethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Cyclohexane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Carbon tetrachloride	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Benzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,2-Dichloroethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Trichloroethene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Methylcyclohexane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,2-Dichloropropane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Bromodichloromethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
cis-1,3-Dichloropropene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
4-Methyl-2-pentanone	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Toluene	9500	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
trans-1,3-Dichloropropene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,1,2-Trichloroethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
2-Hexanone	BRL	3700		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Tetrachloroethene	2100	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Dibromochloromethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,2-Dibromoethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Chlorobenzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Ethylbenzene	16000	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Styrene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Bromoform	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-030
Project Name:	Arivec	**Collection Date:**	1/25/2012 8:20:00 AM
Lab ID:	1201K66-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Isopropylbenzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,3-Dichlorobenzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,4-Dichlorobenzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,2-Dichlorobenzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,2-Dibromo-3-chloropropane	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
1,2,4-Trichlorobenzene	BRL	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Xylenes, Total	100000	1800		ug/Kg-dry	157431	500	02/03/2012 21:29	JE
Surr: 4-Bromofluorobenzene	104	56.5-134		%REC	157431	500	02/03/2012 21:29	JE
Surr: Dibromofluoromethane	92.8	71.8-135		%REC	157431	500	02/03/2012 21:29	JE
Surr: Toluene-d8	95.8	77.1-117		%REC	157431	500	02/03/2012 21:29	JE
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-031
Project Name:	Arivec	**Collection Date:**	1/25/2012 8:30:00 AM
Lab ID:	1201K66-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	68000		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Dichlorodifluoromethane	BRL	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Chloromethane	BRL	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Vinyl chloride	8600	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Bromomethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Chloroethane	BRL	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Trichlorofluoromethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,1-Dichloroethene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Acetone	BRL	45000		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Freon-113	BRL	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Carbon disulfide	BRL	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Methyl acetate	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Methylene chloride	BRL	9000		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Methyl tert-butyl ether	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
trans-1,2-Dichloroethene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,1-Dichloroethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
cis-1,2-Dichloroethene	380000	45000		ug/Kg-dry	157431	10000	02/06/2012 18:31	JE
2-Butanone	BRL	23000		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Chloroform	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,1,1-Trichloroethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Cyclohexane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Carbon tetrachloride	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Benzene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,2-Dichloroethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Trichloroethene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Methylcyclohexane	2800	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,2-Dichloropropane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Bromodichloromethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
cis-1,3-Dichloropropene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
4-Methyl-2-pentanone	15000	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Toluene	1100000	45000		ug/Kg-dry	157431	10000	02/06/2012 18:31	JE
trans-1,3-Dichloropropene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,1,2-Trichloroethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
2-Hexanone	BRL	4500		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Tetrachloroethene	2800	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Dibromochloromethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,2-Dibromoethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Chlorobenzene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Ethylbenzene	930000	45000		ug/Kg-dry	157431	10000	02/06/2012 18:31	JE
Styrene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Bromoform	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-031
Project Name:	Arivec	**Collection Date:**	1/25/2012 8:30:00 AM
Lab ID:	1201K66-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Isopropylbenzene	16000	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,3-Dichlorobenzene	2300	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,4-Dichlorobenzene	4700	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,2-Dichlorobenzene	33000	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,2-Dibromo-3-chloropropane	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
1,2,4-Trichlorobenzene	BRL	2300		ug/Kg-dry	157431	500	02/03/2012 21:56	JE
Xylenes, Total	3200000	45000		ug/Kg-dry	157431	10000	02/06/2012 18:31	JE
Surr: 4-Bromofluorobenzene	99.7	56.5-134		%REC	157431	10000	02/06/2012 18:31	JE
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157431	500	02/03/2012 21:56	JE
Surr: Dibromofluoromethane	94.6	71.8-135		%REC	157431	500	02/03/2012 21:56	JE
Surr: Dibromofluoromethane	95.5	71.8-135		%REC	157431	10000	02/06/2012 18:31	JE
Surr: Toluene-d8	95.6	77.1-117		%REC	157431	10000	02/06/2012 18:31	JE
Surr: Toluene-d8	102	77.1-117		%REC	157431	500	02/03/2012 21:56	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	1.00	0.121		mg/Kg-dry	157235	1	02/01/2012 18:28	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	41		ug/Kg-dry	157238	1	02/01/2012 04:20	SN
Aroclor 1221	BRL	41		ug/Kg-dry	157238	1	02/01/2012 04:20	SN
Aroclor 1232	BRL	41		ug/Kg-dry	157238	1	02/01/2012 04:20	SN
Aroclor 1242	67000	4100		ug/Kg-dry	157238	100	02/02/2012 14:55	SN
Aroclor 1248	BRL	41		ug/Kg-dry	157238	1	02/01/2012 04:20	SN
Aroclor 1254	BRL	41		ug/Kg-dry	157238	1	02/01/2012 04:20	SN
Aroclor 1260	2100	200		ug/Kg-dry	157238	5	02/01/2012 17:36	SN
Surr: Decachlorobiphenyl	2590	35.2-148	S	%REC	157238	1	02/01/2012 04:20	SN
Surr: Tetrachloro-m-xylene	205	26.2-120	S	%REC	157238	1	02/01/2012 04:20	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.87		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
Barium	88.2	5.87		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
Cadmium	15.9	2.93		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
Chromium	109	2.93		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
Lead	783	5.87		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
Selenium	BRL	5.87		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
Silver	4.83	2.93		mg/Kg-dry	157156	1	01/30/2012 15:53	BB
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-032
Project Name:	Arivec	**Collection Date:**	1/25/2012 9:20:00 AM
Lab ID:	1201K66-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	66000		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Dichlorodifluoromethane	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Chloromethane	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Vinyl chloride	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Bromomethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Chloroethane	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Trichlorofluoromethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,1-Dichloroethene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Acetone	BRL	44000		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Freon-113	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Carbon disulfide	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Methyl acetate	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Methylene chloride	BRL	8800		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Methyl tert-butyl ether	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
trans-1,2-Dichloroethene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,1-Dichloroethane	3600	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
cis-1,2-Dichloroethene	7000	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
2-Butanone	BRL	22000		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Chloroform	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,1,1-Trichloroethane	7000	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Cyclohexane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Carbon tetrachloride	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Benzene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,2-Dichloroethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Trichloroethene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Methylcyclohexane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,2-Dichloropropane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Bromodichloromethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
cis-1,3-Dichloropropene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
4-Methyl-2-pentanone	4600	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Toluene	72000	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
trans-1,3-Dichloropropene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,1,2-Trichloroethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
2-Hexanone	BRL	4400		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Tetrachloroethene	23000	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Dibromochloromethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,2-Dibromoethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Chlorobenzene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Ethylbenzene	65000	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Styrene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Bromoform	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-032
Project Name:	Arivec	**Collection Date:**	1/25/2012 9:20:00 AM
Lab ID:	1201K66-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Isopropylbenzene	3300	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,3-Dichlorobenzene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,4-Dichlorobenzene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,2-Dichlorobenzene	2600	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,2-Dibromo-3-chloropropane	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
1,2,4-Trichlorobenzene	BRL	2200		ug/Kg-dry	157431	500	02/03/2012 22:23	JE
Xylenes, Total	240000	22000		ug/Kg-dry	157431	5000	02/06/2012 18:04	JE
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157431	500	02/03/2012 22:23	JE
Surr: 4-Bromofluorobenzene	110	56.5-134		%REC	157431	5000	02/06/2012 18:04	JE
Surr: Dibromofluoromethane	93.8	71.8-135		%REC	157431	500	02/03/2012 22:23	JE
Surr: Dibromofluoromethane	98.9	71.8-135		%REC	157431	5000	02/06/2012 18:04	JE
Surr: Toluene-d8	93.9	77.1-117		%REC	157431	5000	02/06/2012 18:04	JE
Surr: Toluene-d8	98.2	77.1-117		%REC	157431	500	02/03/2012 22:23	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.5	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-033
Project Name:	Arivec	**Collection Date:**	1/25/2012 9:30:00 AM
Lab ID:	1201K66-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	59000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Dichlorodifluoromethane	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Chloromethane	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Vinyl chloride	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Bromomethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Chloroethane	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Trichlorofluoromethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,1-Dichloroethene	2500	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Acetone	BRL	40000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Freon-113	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Carbon disulfide	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Methyl acetate	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Methylene chloride	13000	7900		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Methyl tert-butyl ether	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
trans-1,2-Dichloroethene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,1-Dichloroethane	3800	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
cis-1,2-Dichloroethene	12000	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
2-Butanone	30000	20000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Chloroform	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,1,1-Trichloroethane	32000	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Cyclohexane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Carbon tetrachloride	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Benzene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,2-Dichloroethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Trichloroethene	16000	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Methylcyclohexane	2300	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,2-Dichloropropane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Bromodichloromethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
cis-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
4-Methyl-2-pentanone	15000	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Toluene	650000	20000		ug/Kg-dry	157491	5000	02/06/2012 17:34	JE
trans-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,1,2-Trichloroethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
2-Hexanone	BRL	4000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Tetrachloroethene	110000	20000		ug/Kg-dry	157491	5000	02/06/2012 17:34	JE
Dibromochloromethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,2-Dibromoethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Chlorobenzene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Ethylbenzene	160000	20000		ug/Kg-dry	157491	5000	02/06/2012 17:34	JE
Styrene	120000	20000		ug/Kg-dry	157491	5000	02/06/2012 17:34	JE
Bromoform	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-033
Project Name:	Arivec	**Collection Date:**	1/25/2012 9:30:00 AM
Lab ID:	1201K66-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Isopropylbenzene	7500	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,3-Dichlorobenzene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,4-Dichlorobenzene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,2-Dichlorobenzene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,2-Dibromo-3-chloropropane	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
1,2,4-Trichlorobenzene	BRL	2000		ug/Kg-dry	157431	500	02/03/2012 22:50	JE
Xylenes, Total	810000	20000		ug/Kg-dry	157491	5000	02/06/2012 17:34	JE
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157431	500	02/03/2012 22:50	JE
Surr: 4-Bromofluorobenzene	112	56.5-134		%REC	157491	5000	02/06/2012 17:34	JE
Surr: Dibromofluoromethane	90.4	71.8-135		%REC	157431	500	02/03/2012 22:50	JE
Surr: Dibromofluoromethane	97.6	71.8-135		%REC	157491	5000	02/06/2012 17:34	JE
Surr: Toluene-d8	94.3	77.1-117		%REC	157491	5000	02/06/2012 17:34	JE
Surr: Toluene-d8	97.2	77.1-117		%REC	157431	500	02/03/2012 22:50	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.116		mg/Kg-dry	157235	1	02/01/2012 18:30	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Aroclor 1221	BRL	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Aroclor 1232	BRL	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Aroclor 1242	BRL	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Aroclor 1248	230	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Aroclor 1254	340	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Aroclor 1260	BRL	39		ug/Kg-dry	157238	1	01/31/2012 22:54	SN
Surr: Decachlorobiphenyl	177	35.2-148	S	%REC	157238	1	01/31/2012 22:54	SN
Surr: Tetrachloro-m-xylene	60.9	26.2-120		%REC	157238	1	01/31/2012 22:54	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.74		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
Barium	18.9	5.74		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
Cadmium	BRL	2.87		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
Chromium	4.95	2.87		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
Lead	9.03	5.74		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
Selenium	BRL	5.74		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
Silver	BRL	2.87		mg/Kg-dry	157156	1	01/30/2012 15:56	BB
PERCENT MOISTURE D2216								
Percent Moisture	14.2	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-034
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:00:00 AM
Lab ID:	1201K66-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Dichlorodifluoromethane	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Chloromethane	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Vinyl chloride	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Bromomethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Chloroethane	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Acetone	140	92		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Freon-113	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Carbon disulfide	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Methyl acetate	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Methylene chloride	BRL	18		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
cis-1,2-Dichloroethene	6.6	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
2-Butanone	BRL	46		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Chloroform	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Cyclohexane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Benzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Trichloroethene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Methylcyclohexane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Bromodichloromethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
4-Methyl-2-pentanone	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Toluene	31	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
2-Hexanone	BRL	9.2		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Tetrachloroethene	9.4	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Dibromochloromethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Chlorobenzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Ethylbenzene	9.5	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Styrene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Bromoform	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-034
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:00:00 AM
Lab ID:	1201K66-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Isopropylbenzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Xylenes, Total	48	4.6		ug/Kg-dry	157504	1	02/06/2012 16:59	JE
Surr: 4-Bromofluorobenzene	96	56.5-134		%REC	157504	1	02/06/2012 16:59	JE
Surr: Dibromofluoromethane	98.8	71.8-135		%REC	157504	1	02/06/2012 16:59	JE
Surr: Toluene-d8	95.2	77.1-117		%REC	157504	1	02/06/2012 16:59	JE
PERCENT MOISTURE D2216								
Percent Moisture	14.9	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-035
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:10:00 AM
Lab ID:	1201K66-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Dichlorodifluoromethane	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Chloromethane	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Vinyl chloride	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Bromomethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Chloroethane	8.3	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Acetone	BRL	78		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Freon-113	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Carbon disulfide	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Methyl acetate	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Methylene chloride	BRL	16		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
cis-1,2-Dichloroethene	4.1	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
2-Butanone	BRL	39		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Chloroform	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Cyclohexane	34	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Benzene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Trichloroethene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Methylcyclohexane	710	180		ug/Kg-dry	157431	50	02/06/2012 20:39	JE
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Bromodichloromethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
4-Methyl-2-pentanone	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Toluene	17	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
2-Hexanone	BRL	7.8		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Tetrachloroethene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Dibromochloromethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Chlorobenzene	13	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Ethylbenzene	29	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Styrene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Bromoform	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-035
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:10:00 AM
Lab ID:	1201K66-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Isopropylbenzene	6.9	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,4-Dichlorobenzene	8.1	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,2-Dichlorobenzene	17	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Xylenes, Total	34	3.9		ug/Kg-dry	157504	1	02/06/2012 17:24	JE
Surr: 4-Bromofluorobenzene	93.9	56.5-134		%REC	157431	50	02/06/2012 20:39	JE
Surr: 4-Bromofluorobenzene	92	56.5-134		%REC	157504	1	02/06/2012 17:24	JE
Surr: Dibromofluoromethane	84.6	71.8-135		%REC	157431	50	02/06/2012 20:39	JE
Surr: Dibromofluoromethane	93.4	71.8-135		%REC	157504	1	02/06/2012 17:24	JE
Surr: Toluene-d8	97.5	77.1-117		%REC	157431	50	02/06/2012 20:39	JE
Surr: Toluene-d8	99.2	77.1-117		%REC	157504	1	02/06/2012 17:24	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.180	0.119		mg/Kg-dry	157235	1	02/01/2012 18:32	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Aroclor 1221	BRL	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Aroclor 1232	BRL	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Aroclor 1242	BRL	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Aroclor 1248	BRL	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Aroclor 1254	120	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Aroclor 1260	BRL	40		ug/Kg-dry	157238	1	01/31/2012 23:24	SN
Surr: Decachlorobiphenyl	489	35.2-148	S	%REC	157238	1	01/31/2012 23:24	SN
Surr: Tetrachloro-m-xylene	58.4	26.2-120		%REC	157238	1	01/31/2012 23:24	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.93		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
Barium	37.4	5.93		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
Cadmium	BRL	2.97		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
Chromium	13.1	2.97		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
Lead	39.8	5.93		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
Selenium	BRL	5.93		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
Silver	BRL	2.97		mg/Kg-dry	157156	1	01/30/2012 16:00	BB
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-036
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:40:00 AM
Lab ID:	1201K66-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	59000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Dichlorodifluoromethane	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Chloromethane	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Vinyl chloride	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Bromomethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Chloroethane	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Trichlorofluoromethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,1-Dichloroethene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Acetone	BRL	39000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Freon-113	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Carbon disulfide	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Methyl acetate	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Methylene chloride	BRL	7900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Methyl tert-butyl ether	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
trans-1,2-Dichloroethene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,1-Dichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
cis-1,2-Dichloroethene	9200	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
2-Butanone	BRL	20000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Chloroform	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,1,1-Trichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Cyclohexane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Carbon tetrachloride	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Benzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,2-Dichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Trichloroethene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Methylcyclohexane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,2-Dichloropropane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Bromodichloromethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
cis-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
4-Methyl-2-pentanone	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Toluene	15000	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
trans-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,1,2-Trichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
2-Hexanone	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Tetrachloroethene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Dibromochloromethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,2-Dibromoethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Chlorobenzene	2000	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Ethylbenzene	13000	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Styrene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Bromoform	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-036
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:40:00 AM
Lab ID:	1201K66-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Isopropylbenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,3-Dichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,4-Dichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,2-Dichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,2-Dibromo-3-chloropropane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
1,2,4-Trichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Xylenes, Total	73000	2000		ug/Kg-dry	157491	500	02/04/2012 19:09	JE
Surr: 4-Bromofluorobenzene	103	56.5-134		%REC	157491	500	02/04/2012 19:09	JE
Surr: Dibromofluoromethane	92.3	71.8-135		%REC	157491	500	02/04/2012 19:09	JE
Surr: Toluene-d8	93.1	77.1-117		%REC	157491	500	02/04/2012 19:09	JE
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-037
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:50:00 AM
Lab ID:	1201K66-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	65000		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Dichlorodifluoromethane	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Chloromethane	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Vinyl chloride	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Bromomethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Chloroethane	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Trichlorofluoromethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,1-Dichloroethene	23000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Acetone	BRL	43000		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Freon-113	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Carbon disulfide	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Methyl acetate	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Methylene chloride	BRL	8600		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Methyl tert-butyl ether	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
trans-1,2-Dichloroethene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,1-Dichloroethane	43000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
cis-1,2-Dichloroethene	50000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
2-Butanone	BRL	22000		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Chloroform	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,1,1-Trichloroethane	360000	22000		ug/Kg-dry	157491	5000	02/05/2012 17:35	JE
Cyclohexane	15000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Carbon tetrachloride	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Benzene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,2-Dichloroethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Trichloroethene	13000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Methylcyclohexane	65000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,2-Dichloropropane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Bromodichloromethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
cis-1,3-Dichloropropene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
4-Methyl-2-pentanone	8600	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Toluene	680000	22000		ug/Kg-dry	157491	5000	02/05/2012 17:35	JE
trans-1,3-Dichloropropene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,1,2-Trichloroethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
2-Hexanone	BRL	4300		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Tetrachloroethene	9400	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Dibromochloromethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,2-Dibromoethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Chlorobenzene	6000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Ethylbenzene	76000	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Styrene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Bromoform	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-037
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:50:00 AM
Lab ID:	1201K66-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Isopropylbenzene	3900	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,3-Dichlorobenzene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,4-Dichlorobenzene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,2-Dichlorobenzene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,2-Dibromo-3-chloropropane	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
1,2,4-Trichlorobenzene	BRL	2200		ug/Kg-dry	157491	500	02/04/2012 19:36	JE
Xylenes, Total	330000	22000		ug/Kg-dry	157491	5000	02/05/2012 17:35	JE
Surr: 4-Bromofluorobenzene	99.2	56.5-134		%REC	157491	5000	02/05/2012 17:35	JE
Surr: 4-Bromofluorobenzene	99.6	56.5-134		%REC	157491	500	02/04/2012 19:36	JE
Surr: Dibromofluoromethane	85.2	71.8-135		%REC	157491	5000	02/05/2012 17:35	JE
Surr: Dibromofluoromethane	87.3	71.8-135		%REC	157491	500	02/04/2012 19:36	JE
Surr: Toluene-d8	90.7	77.1-117		%REC	157491	5000	02/05/2012 17:35	JE
Surr: Toluene-d8	93.8	77.1-117		%REC	157491	500	02/04/2012 19:36	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.997	0.111		mg/Kg-dry	157235	1	02/01/2012 18:34	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	38		ug/Kg-dry	157238	1	01/31/2012 23:53	SN
Aroclor 1221	BRL	38		ug/Kg-dry	157238	1	01/31/2012 23:53	SN
Aroclor 1232	BRL	38		ug/Kg-dry	157238	1	01/31/2012 23:53	SN
Aroclor 1242	BRL	38		ug/Kg-dry	157238	1	01/31/2012 23:53	SN
Aroclor 1248	BRL	38		ug/Kg-dry	157238	1	01/31/2012 23:53	SN
Aroclor 1254	2000	380		ug/Kg-dry	157238	10	02/01/2012 15:36	SN
Aroclor 1260	BRL	38		ug/Kg-dry	157238	1	01/31/2012 23:53	SN
Surr: Decachlorobiphenyl	157	35.2-148	S	%REC	157238	1	01/31/2012 23:53	SN
Surr: Tetrachloro-m-xylene	85.6	26.2-120		%REC	157238	1	01/31/2012 23:53	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.62		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
Barium	66.6	5.62		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
Cadmium	7.15	2.81		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
Chromium	47.2	2.81		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
Lead	408	5.62		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
Selenium	BRL	5.62		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
Silver	BRL	2.81		mg/Kg-dry	157156	1	01/30/2012 16:04	BB
PERCENT MOISTURE D2216								
Percent Moisture	12.0	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-038
Project Name:	Arivec	**Collection Date:**	1/25/2012 11:20:00 AM
Lab ID:	1201K66-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	63000		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Dichlorodifluoromethane	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Chloromethane	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Vinyl chloride	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Bromomethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Chloroethane	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Trichlorofluoromethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,1-Dichloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Acetone	BRL	42000		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Freon-113	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Carbon disulfide	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Methyl acetate	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Methylene chloride	BRL	8400		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Methyl tert-butyl ether	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
trans-1,2-Dichloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,1-Dichloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
cis-1,2-Dichloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
2-Butanone	BRL	21000		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Chloroform	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,1,1-Trichloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Cyclohexane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Carbon tetrachloride	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Benzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,2-Dichloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Trichloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Methylcyclohexane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,2-Dichloropropane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Bromodichloromethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
cis-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
4-Methyl-2-pentanone	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Toluene	22000	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
trans-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,1,2-Trichloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
2-Hexanone	BRL	4200		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Tetrachloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Dibromochloromethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,2-Dibromoethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Chlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Ethylbenzene	12000	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Styrene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Bromoform	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-038
Project Name:	Arivec	**Collection Date:**	1/25/2012 11:20:00 AM
Lab ID:	1201K66-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Isopropylbenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,3-Dichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,4-Dichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,2-Dichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,2-Dibromo-3-chloropropane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
1,2,4-Trichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Xylenes, Total	78000	2100		ug/Kg-dry	157491	500	02/04/2012 20:03	JE
Surr: 4-Bromofluorobenzene	103	56.5-134		%REC	157491	500	02/04/2012 20:03	JE
Surr: Dibromofluoromethane	88.2	71.8-135		%REC	157491	500	02/04/2012 20:03	JE
Surr: Toluene-d8	90.8	77.1-117		%REC	157491	500	02/04/2012 20:03	JE
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-039
Project Name:	Arivec	**Collection Date:**	1/25/2012 11:30:00 AM
Lab ID:	1201K66-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	55000		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Dichlorodifluoromethane	BRL	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Chloromethane	BRL	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Vinyl chloride	BRL	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Bromomethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Chloroethane	BRL	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Trichlorofluoromethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,1-Dichloroethene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Acetone	BRL	37000		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Freon-113	8700	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Carbon disulfide	BRL	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Methyl acetate	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Methylene chloride	BRL	7300		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Methyl tert-butyl ether	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
trans-1,2-Dichloroethene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,1-Dichloroethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
cis-1,2-Dichloroethene	11000	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
2-Butanone	48000	18000		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Chloroform	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,1,1-Trichloroethane	3000	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Cyclohexane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Carbon tetrachloride	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Benzene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,2-Dichloroethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Trichloroethene	3900	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Methylcyclohexane	2600	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,2-Dichloropropane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Bromodichloromethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
cis-1,3-Dichloropropene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
4-Methyl-2-pentanone	14000	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Toluene	220000	18000		ug/Kg-dry	157491	5000	02/05/2012 18:01	JE
trans-1,3-Dichloropropene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,1,2-Trichloroethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
2-Hexanone	BRL	3700		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Tetrachloroethene	4600	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Dibromochloromethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,2-Dibromoethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Chlorobenzene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Ethylbenzene	74000	18000		ug/Kg-dry	157491	5000	02/05/2012 18:01	JE
Styrene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Bromoform	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-039
Project Name:	Arivec	**Collection Date:**	1/25/2012 11:30:00 AM
Lab ID:	1201K66-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Isopropylbenzene	3800	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,3-Dichlorobenzene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,4-Dichlorobenzene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,2-Dichlorobenzene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,2-Dibromo-3-chloropropane	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
1,2,4-Trichlorobenzene	BRL	1800		ug/Kg-dry	157491	500	02/04/2012 20:30	JE
Xylenes, Total	360000	18000		ug/Kg-dry	157491	5000	02/05/2012 18:01	JE
Surr: 4-Bromofluorobenzene	99.2	56.5-134		%REC	157491	500	02/04/2012 20:30	JE
Surr: 4-Bromofluorobenzene	103	56.5-134		%REC	157491	5000	02/05/2012 18:01	JE
Surr: Dibromofluoromethane	89.2	71.8-135		%REC	157491	500	02/04/2012 20:30	JE
Surr: Dibromofluoromethane	99.6	71.8-135		%REC	157491	5000	02/05/2012 18:01	JE
Surr: Toluene-d8	94.8	77.1-117		%REC	157491	5000	02/05/2012 18:01	JE
Surr: Toluene-d8	96.1	77.1-117		%REC	157491	500	02/04/2012 20:30	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.112		mg/Kg-dry	157235	1	02/01/2012 18:36	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	38		ug/Kg-dry	157238	1	02/01/2012 01:22	SN
Aroclor 1221	BRL	38		ug/Kg-dry	157238	1	02/01/2012 01:22	SN
Aroclor 1232	BRL	38		ug/Kg-dry	157238	1	02/01/2012 01:22	SN
Aroclor 1242	BRL	38		ug/Kg-dry	157238	1	02/01/2012 01:22	SN
Aroclor 1248	99000	7600		ug/Kg-dry	157238	200	02/01/2012 17:06	SN
Aroclor 1254	BRL	38		ug/Kg-dry	157238	1	02/01/2012 01:22	SN
Aroclor 1260	BRL	38		ug/Kg-dry	157238	1	02/01/2012 01:22	SN
Surr: Decachlorobiphenyl	66.1	35.2-148		%REC	157238	1	02/01/2012 01:22	SN
Surr: Tetrachloro-m-xylene	113	26.2-120		%REC	157238	1	02/01/2012 01:22	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.46		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
Barium	22.2	5.46		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
Cadmium	BRL	2.73		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
Chromium	3.66	2.73		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
Lead	6.74	5.46		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
Selenium	BRL	5.46		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
Silver	BRL	2.73		mg/Kg-dry	157156	1	01/30/2012 16:08	BB
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-040
Project Name:	Arivec	**Collection Date:**	1/25/2012 1:10:00 PM
Lab ID:	1201K66-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Chloromethane	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Vinyl chloride	7.6	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Bromomethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Chloroethane	14	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Acetone	BRL	75		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Freon-113	44	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Carbon disulfide	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Methyl acetate	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Methylene chloride	BRL	15		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,1-Dichloroethane	33	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
cis-1,2-Dichloroethene	65	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
2-Butanone	BRL	38		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Chloroform	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,1,1-Trichloroethane	42	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Cyclohexane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Benzene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Trichloroethene	5.0	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Methylcyclohexane	57	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Bromodichloromethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
4-Methyl-2-pentanone	23	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Toluene	910	170		ug/Kg-dry	157491	50	02/06/2012 21:06	JE
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
2-Hexanone	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Tetrachloroethene	53	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Dibromochloromethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Chlorobenzene	7.8	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Ethylbenzene	570	170		ug/Kg-dry	157491	50	02/06/2012 21:06	JE
Styrene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Bromoform	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-040
Project Name:	Arivec	**Collection Date:**	1/25/2012 1:10:00 PM
Lab ID:	1201K66-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Isopropylbenzene	11	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,2-Dichlorobenzene	12	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	157481	1	02/05/2012 14:51	JE
Xylenes, Total	3100	170		ug/Kg-dry	157491	50	02/06/2012 21:06	JE
Surr: 4-Bromofluorobenzene	99.6	56.5-134		%REC	157491	50	02/06/2012 21:06	JE
Surr: 4-Bromofluorobenzene	82.7	56.5-134		%REC	157481	1	02/05/2012 14:51	JE
Surr: Dibromofluoromethane	90.8	71.8-135		%REC	157491	50	02/06/2012 21:06	JE
Surr: Dibromofluoromethane	98.8	71.8-135		%REC	157481	1	02/05/2012 14:51	JE
Surr: Toluene-d8	131	77.1-117	S	%REC	157491	50	02/06/2012 21:06	JE
Surr: Toluene-d8	97.1	77.1-117		%REC	157481	1	02/05/2012 14:51	JE
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-041
Project Name:	Arivec	**Collection Date:**	1/25/2012 1:20:00 PM
Lab ID:	1201K66-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Chloromethane	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Vinyl chloride	23	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Bromomethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Chloroethane	26	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Acetone	BRL	75		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Freon-113	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Carbon disulfide	BRL	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Methyl acetate	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Methylene chloride	BRL	15		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,1-Dichloroethane	22	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
cis-1,2-Dichloroethene	320	210		ug/Kg-dry	157491	50	02/06/2012 21:33	JE
2-Butanone	56	37		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Chloroform	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,1,1-Trichloroethane	5.4	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Cyclohexane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Benzene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Trichloroethene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Methylcyclohexane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Bromodichloromethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
4-Methyl-2-pentanone	37	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Toluene	1300	210		ug/Kg-dry	157491	50	02/06/2012 21:33	JE
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
2-Hexanone	8.6	7.5		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Tetrachloroethene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Dibromochloromethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Chlorobenzene	4.7	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Ethylbenzene	130	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Styrene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Bromoform	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-041
Project Name:	Arivec	**Collection Date:**	1/25/2012 1:20:00 PM
Lab ID:	1201K66-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Isopropylbenzene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,2-Dichlorobenzene	10	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	157481	1	02/05/2012 15:16	JE
Xylenes, Total	470	210		ug/Kg-dry	157491	50	02/06/2012 21:33	JE
Surr: 4-Bromofluorobenzene	74	56.5-134		%REC	157491	50	02/06/2012 21:33	JE
Surr: 4-Bromofluorobenzene	102	56.5-134		%REC	157481	1	02/05/2012 15:16	JE
Surr: Dibromofluoromethane	90.8	71.8-135		%REC	157491	50	02/06/2012 21:33	JE
Surr: Dibromofluoromethane	96.5	71.8-135		%REC	157481	1	02/05/2012 15:16	JE
Surr: Toluene-d8	91.1	77.1-117		%REC	157491	50	02/06/2012 21:33	JE
Surr: Toluene-d8	98.3	77.1-117		%REC	157481	1	02/05/2012 15:16	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.120		mg/Kg-dry	157235	1	02/01/2012 18:39	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Aroclor 1221	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Aroclor 1232	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Aroclor 1242	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Aroclor 1248	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Aroclor 1254	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Aroclor 1260	BRL	40		ug/Kg-dry	157238	1	02/01/2012 01:52	SN
Surr: Decachlorobiphenyl	64.6	35.2-148		%REC	157238	1	02/01/2012 01:52	SN
Surr: Tetrachloro-m-xylene	63.9	26.2-120		%REC	157238	1	02/01/2012 01:52	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.68		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
Barium	18.8	5.68		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
Cadmium	BRL	2.84		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
Chromium	5.19	2.84		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
Lead	5.79	5.68		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
Selenium	BRL	5.68		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
Silver	BRL	2.84		mg/Kg-dry	157156	1	01/30/2012 16:18	BB
PERCENT MOISTURE D2216								
Percent Moisture	17.0	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-042
Project Name:	Arivec	**Collection Date:**	1/25/2012 2:20:00 PM
Lab ID:	1201K66-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,1,2-Trichloroethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,1-Dichloroethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,1-Dichloroethene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,2-Dibromoethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,2-Dichlorobenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,2-Dichloroethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,2-Dichloropropane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,3-Dichlorobenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,4-Dichlorobenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
1,4-Dioxane	BRL	150		ug/L	157378	1	02/02/2012 16:07	SB
2-Butanone	BRL	50		ug/L	157378	1	02/02/2012 16:07	SB
2-Hexanone	BRL	10		ug/L	157378	1	02/02/2012 16:07	SB
4-Methyl-2-pentanone	BRL	10		ug/L	157378	1	02/02/2012 16:07	SB
Acetone	BRL	50		ug/L	157378	1	02/02/2012 16:07	SB
Benzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Bromodichloromethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Bromoform	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Bromomethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Carbon disulfide	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Carbon tetrachloride	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Chlorobenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Chloroethane	BRL	10		ug/L	157378	1	02/02/2012 16:07	SB
Chloroform	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Chloromethane	BRL	10		ug/L	157378	1	02/02/2012 16:07	SB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Cyclohexane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Dibromochloromethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Dichlorodifluoromethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Ethylbenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Freon-113	BRL	10		ug/L	157378	1	02/02/2012 16:07	SB
Isopropylbenzene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Methyl acetate	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Methyl tert-butyl ether	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Methylcyclohexane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Methylene chloride	30	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Styrene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-042
Project Name:	Arivec	**Collection Date:**	1/25/2012 2:20:00 PM
Lab ID:	1201K66-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	6.1	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Toluene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Trichloroethene	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Trichlorofluoromethane	BRL	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Vinyl chloride	BRL	2.0		ug/L	157378	1	02/02/2012 16:07	SB
Xylenes, Total	15	5.0		ug/L	157378	1	02/02/2012 16:07	SB
Surr: 4-Bromofluorobenzene	99.8	64.6-131		%REC	157378	1	02/02/2012 16:07	SB
Surr: Dibromofluoromethane	99.8	70.6-128		%REC	157378	1	02/02/2012 16:07	SB
Surr: Toluene-d8	105	70.5-116		%REC	157378	1	02/02/2012 16:07	SB

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-043
Project Name:	Arivec	**Collection Date:**	1/25/2012 3:00:00 PM
Lab ID:	1201K66-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	100		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Chloromethane	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Vinyl chloride	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Bromomethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Chloroethane	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Acetone	BRL	67		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Freon-113	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Carbon disulfide	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Methyl acetate	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Methylene chloride	BRL	13		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
cis-1,2-Dichloroethene	3.5	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
2-Butanone	BRL	33		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Chloroform	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Cyclohexane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Benzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Trichloroethene	8.5	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Methylcyclohexane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Bromodichloromethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Toluene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
2-Hexanone	BRL	6.7		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Tetrachloroethene	66	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Dibromochloromethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Chlorobenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Ethylbenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Styrene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Bromoform	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-043
Project Name:	Arivec	**Collection Date:**	1/25/2012 3:00:00 PM
Lab ID:	1201K66-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Isopropylbenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Xylenes, Total	BRL	3.3		ug/Kg-dry	157481	1	02/05/2012 15:41	JE
Surr: 4-Bromofluorobenzene	97.2	56.5-134		%REC	157481	1	02/05/2012 15:41	JE
Surr: Dibromofluoromethane	101	71.8-135		%REC	157481	1	02/05/2012 15:41	JE
Surr: Toluene-d8	93.5	77.1-117		%REC	157481	1	02/05/2012 15:41	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.105		mg/Kg-dry	157235	1	02/01/2012 18:45	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Aroclor 1221	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Aroclor 1232	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Aroclor 1242	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Aroclor 1248	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Aroclor 1254	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Aroclor 1260	BRL	35		ug/Kg-dry	157238	1	02/01/2012 02:21	SN
Surr: Decachlorobiphenyl	70	35.2-148		%REC	157238	1	02/01/2012 02:21	SN
Surr: Tetrachloro-m-xylene	63.6	26.2-120		%REC	157238	1	02/01/2012 02:21	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.91		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
Barium	32.3	4.91		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
Cadmium	3.56	2.46		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
Chromium	2.59	2.46		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
Lead	5.53	4.91		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
Selenium	BRL	4.91		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
Silver	BRL	2.46		mg/Kg-dry	157156	1	01/30/2012 16:22	BB
PERCENT MOISTURE D2216								
Percent Moisture	6.06	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-044
Project Name:	Arivec	**Collection Date:**	1/25/2012 4:10:00 PM
Lab ID:	1201K66-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	6100		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Dichlorodifluoromethane	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Chloromethane	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Vinyl chloride	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Bromomethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Chloroethane	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Trichlorofluoromethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,1-Dichloroethene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Acetone	BRL	4000		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Freon-113	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Carbon disulfide	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Methyl acetate	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Methylene chloride	BRL	810		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Methyl tert-butyl ether	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
trans-1,2-Dichloroethene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,1-Dichloroethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
cis-1,2-Dichloroethene	1600	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
2-Butanone	BRL	2000		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Chloroform	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,1,1-Trichloroethane	340	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Cyclohexane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Carbon tetrachloride	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Benzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,2-Dichloroethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Trichloroethene	5500	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Methylcyclohexane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,2-Dichloropropane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Bromodichloromethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
cis-1,3-Dichloropropene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
4-Methyl-2-pentanone	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Toluene	360	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
trans-1,3-Dichloropropene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,1,2-Trichloroethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
2-Hexanone	BRL	400		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Tetrachloroethene	4200	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Dibromochloromethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,2-Dibromoethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Chlorobenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Ethylbenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Styrene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Bromoform	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-044
Project Name:	Arivec	**Collection Date:**	1/25/2012 4:10:00 PM
Lab ID:	1201K66-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Isopropylbenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,3-Dichlorobenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,4-Dichlorobenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,2-Dichlorobenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,2-Dibromo-3-chloropropane	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
1,2,4-Trichlorobenzene	BRL	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Xylenes, Total	250	200		ug/Kg-dry	157491	50	02/05/2012 19:50	JE
Surr: 4-Bromofluorobenzene	96.7	56.5-134		%REC	157491	50	02/05/2012 19:50	JE
Surr: Dibromofluoromethane	96.8	71.8-135		%REC	157491	50	02/05/2012 19:50	JE
Surr: Toluene-d8	93.3	77.1-117		%REC	157491	50	02/05/2012 19:50	JE
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-045
Project Name:	Arivec	**Collection Date:**	1/25/2012 4:20:00 PM
Lab ID:	1201K66-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	62000		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Dichlorodifluoromethane	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Chloromethane	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Vinyl chloride	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Bromomethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Chloroethane	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Trichlorofluoromethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,1-Dichloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Acetone	BRL	41000		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Freon-113	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Carbon disulfide	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Methyl acetate	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Methylene chloride	BRL	8300		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Methyl tert-butyl ether	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
trans-1,2-Dichloroethene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,1-Dichloroethane	2100	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
cis-1,2-Dichloroethene	57000	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
2-Butanone	BRL	21000		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Chloroform	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,1,1-Trichloroethane	6500	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Cyclohexane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Carbon tetrachloride	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Benzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,2-Dichloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Trichloroethene	93000	21000		ug/Kg-dry	157491	5000	02/05/2012 18:28	JE
Methylcyclohexane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,2-Dichloropropane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Bromodichloromethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
cis-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
4-Methyl-2-pentanone	8100	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Toluene	120000	21000		ug/Kg-dry	157491	5000	02/05/2012 18:28	JE
trans-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,1,2-Trichloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
2-Hexanone	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Tetrachloroethene	25000	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Dibromochloromethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,2-Dibromoethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Chlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Ethylbenzene	7000	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Styrene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Bromoform	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-045
Project Name:	Arivec	**Collection Date:**	1/25/2012 4:20:00 PM
Lab ID:	1201K66-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Isopropylbenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,3-Dichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,4-Dichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,2-Dichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,2-Dibromo-3-chloropropane	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
1,2,4-Trichlorobenzene	BRL	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Xylenes, Total	39000	2100		ug/Kg-dry	157491	500	02/04/2012 22:46	JE
Surr: 4-Bromofluorobenzene	91.9	56.5-134		%REC	157491	5000	02/05/2012 18:28	JE
Surr: 4-Bromofluorobenzene	99.9	56.5-134		%REC	157491	500	02/04/2012 22:46	JE
Surr: Dibromofluoromethane	95.9	71.8-135		%REC	157491	500	02/04/2012 22:46	JE
Surr: Dibromofluoromethane	99.6	71.8-135		%REC	157491	5000	02/05/2012 18:28	JE
Surr: Toluene-d8	91.7	77.1-117		%REC	157491	5000	02/05/2012 18:28	JE
Surr: Toluene-d8	98.7	77.1-117		%REC	157491	500	02/04/2012 22:46	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.192	0.119		mg/Kg-dry	157235	1	02/01/2012 18:48	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Aroclor 1221	BRL	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Aroclor 1232	BRL	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Aroclor 1242	BRL	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Aroclor 1248	BRL	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Aroclor 1254	230	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Aroclor 1260	BRL	40		ug/Kg-dry	157238	1	02/01/2012 02:51	SN
Surr: Decachlorobiphenyl	78.5	35.2-148		%REC	157238	1	02/01/2012 02:51	SN
Surr: Tetrachloro-m-xylene	85.6	26.2-120		%REC	157238	1	02/01/2012 02:51	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.85		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
Barium	34.7	5.85		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
Cadmium	BRL	2.93		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
Chromium	17.4	2.93		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
Lead	61.6	5.85		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
Selenium	BRL	5.85		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
Silver	BRL	2.93		mg/Kg-dry	157156	1	01/30/2012 16:26	BB
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R214398	1	02/02/2012 11:30	AS

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Arivec	**Collection Date:**	1/27/2012
Lab ID:	1201K66-017	**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	157483	1	02/06/2012 12:49	SB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,1,2-Trichloroethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,1-Dichloroethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,1-Dichloroethene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,2-Dibromoethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,2-Dichlorobenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,2-Dichloroethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,2-Dichloropropane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,3-Dichlorobenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,4-Dichlorobenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
1,4-Dioxane	BRL	150		ug/L	157483	1	02/06/2012 12:49	SB
2-Butanone	BRL	50		ug/L	157483	1	02/06/2012 12:49	SB
2-Hexanone	BRL	10		ug/L	157483	1	02/06/2012 12:49	SB
4-Methyl-2-pentanone	BRL	10		ug/L	157483	1	02/06/2012 12:49	SB
Acetone	BRL	50		ug/L	157483	1	02/06/2012 12:49	SB
Benzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Bromodichloromethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Bromoform	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Bromomethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Carbon disulfide	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Carbon tetrachloride	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Chlorobenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Chloroethane	BRL	10		ug/L	157483	1	02/06/2012 12:49	SB
Chloroform	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Chloromethane	BRL	10		ug/L	157483	1	02/06/2012 12:49	SB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Cyclohexane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Dibromochloromethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Dichlorodifluoromethane	BRL	10		ug/L	157483	1	02/06/2012 12:49	SB
Ethylbenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Freon-113	BRL	10		ug/L	157483	1	02/06/2012 12:49	SB
Isopropylbenzene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Methyl acetate	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Methyl tert-butyl ether	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Methylcyclohexane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Methylene chloride	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Styrene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Arivec	**Collection Date:**	1/27/2012
Lab ID:	1201K66-017	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Toluene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Trichloroethene	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Trichlorofluoromethane	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Vinyl chloride	BRL	2.0		ug/L	157483	1	02/06/2012 12:49	SB
Xylenes, Total	BRL	5.0		ug/L	157483	1	02/06/2012 12:49	SB
Surr: 4-Bromofluorobenzene	88.6	67.4-123		%REC	157483	1	02/06/2012 12:49	SB
Surr: Dibromofluoromethane	105	75.5-128		%REC	157483	1	02/06/2012 12:49	SB
Surr: Toluene-d8	99	70-120		%REC	157483	1	02/06/2012 12:49	SB

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-046
Project Name:	Arivec	**Collection Date:**	1/26/2012 8:30:00 AM
Lab ID:	1201K66-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	61000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Dichlorodifluoromethane	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Chloromethane	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Vinyl chloride	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Bromomethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Chloroethane	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Trichlorofluoromethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,1-Dichloroethene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Acetone	BRL	41000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Freon-113	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Carbon disulfide	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Methyl acetate	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Methylene chloride	BRL	8200		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Methyl tert-butyl ether	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
trans-1,2-Dichloroethene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,1-Dichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
cis-1,2-Dichloroethene	14000	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
2-Butanone	BRL	20000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Chloroform	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,1,1-Trichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Cyclohexane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Carbon tetrachloride	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Benzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,2-Dichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Trichloroethene	500000	20000		ug/Kg-dry	157491	5000	02/05/2012 18:56	JE
Methylcyclohexane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,2-Dichloropropane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Bromodichloromethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
cis-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
4-Methyl-2-pentanone	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Toluene	56000	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
trans-1,3-Dichloropropene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,1,2-Trichloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
2-Hexanone	BRL	4100		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Tetrachloroethene	88000	20000		ug/Kg-dry	157491	5000	02/05/2012 18:56	JE
Dibromochloromethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,2-Dibromoethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Chlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Ethylbenzene	2300	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Styrene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Bromoform	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-046
Project Name:	Arivec	**Collection Date:**	1/26/2012 8:30:00 AM
Lab ID:	1201K66-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Isopropylbenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,3-Dichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,4-Dichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,2-Dichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,2-Dibromo-3-chloropropane	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
1,2,4-Trichlorobenzene	BRL	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Xylenes, Total	11000	2000		ug/Kg-dry	157491	500	02/04/2012 23:13	JE
Surr: 4-Bromofluorobenzene	88.2	56.5-134		%REC	157491	5000	02/05/2012 18:56	JE
Surr: 4-Bromofluorobenzene	94.4	56.5-134		%REC	157491	500	02/04/2012 23:13	JE
Surr: Dibromofluoromethane	96.5	71.8-135		%REC	157491	500	02/04/2012 23:13	JE
Surr: Dibromofluoromethane	98.3	71.8-135		%REC	157491	5000	02/05/2012 18:56	JE
Surr: Toluene-d8	93.7	77.1-117		%REC	157491	5000	02/05/2012 18:56	JE
Surr: Toluene-d8	96.3	77.1-117		%REC	157491	500	02/04/2012 23:13	JE
PERCENT MOISTURE D2216								
Percent Moisture	15.3	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-047
Project Name:	Arivec	**Collection Date:**	1/26/2012 8:40:00 AM
Lab ID:	1201K66-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	58000		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Dichlorodifluoromethane	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Chloromethane	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Vinyl chloride	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Bromomethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Chloroethane	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Trichlorofluoromethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,1-Dichloroethene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Acetone	BRL	39000		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Freon-113	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Carbon disulfide	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Methyl acetate	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Methylene chloride	BRL	7800		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Methyl tert-butyl ether	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
trans-1,2-Dichloroethene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,1-Dichloroethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
cis-1,2-Dichloroethene	12000	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
2-Butanone	BRL	19000		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Chloroform	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,1,1-Trichloroethane	4000	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Cyclohexane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Carbon tetrachloride	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Benzene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,2-Dichloroethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Trichloroethene	1300000	190000		ug/Kg-dry	157491	50000	02/05/2012 16:40	JE
Methylcyclohexane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,2-Dichloropropane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Bromodichloromethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
cis-1,3-Dichloropropene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
4-Methyl-2-pentanone	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Toluene	210000	19000		ug/Kg-dry	157491	5000	02/05/2012 17:07	JE
trans-1,3-Dichloropropene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,1,2-Trichloroethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
2-Hexanone	BRL	3900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Tetrachloroethene	310000	19000		ug/Kg-dry	157491	5000	02/05/2012 17:07	JE
Dibromochloromethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,2-Dibromoethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Chlorobenzene	4000	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Ethylbenzene	24000	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Styrene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Bromoform	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-047
Project Name:	Arivec	**Collection Date:**	1/26/2012 8:40:00 AM
Lab ID:	1201K66-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Isopropylbenzene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,3-Dichlorobenzene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,4-Dichlorobenzene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,2-Dichlorobenzene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,2-Dibromo-3-chloropropane	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
1,2,4-Trichlorobenzene	BRL	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Xylenes, Total	110000	1900		ug/Kg-dry	157491	500	02/04/2012 23:41	JE
Surr: 4-Bromofluorobenzene	90.1	56.5-134		%REC	157491	50000	02/05/2012 16:40	JE
Surr: 4-Bromofluorobenzene	96.7	56.5-134		%REC	157491	5000	02/05/2012 17:07	JE
Surr: 4-Bromofluorobenzene	97.4	56.5-134		%REC	157491	500	02/04/2012 23:41	JE
Surr: Dibromofluoromethane	97.4	71.8-135		%REC	157491	50000	02/05/2012 16:40	JE
Surr: Dibromofluoromethane	95.5	71.8-135		%REC	157491	500	02/04/2012 23:41	JE
Surr: Dibromofluoromethane	98.8	71.8-135		%REC	157491	5000	02/05/2012 17:07	JE
Surr: Toluene-d8	89	77.1-117		%REC	157491	50000	02/05/2012 16:40	JE
Surr: Toluene-d8	92.3	77.1-117		%REC	157491	5000	02/05/2012 17:07	JE
Surr: Toluene-d8	94.2	77.1-117		%REC	157491	500	02/04/2012 23:41	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.162	0.114		mg/Kg-dry	157235	1	02/01/2012 18:50	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Aroclor 1221	BRL	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Aroclor 1232	BRL	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Aroclor 1242	BRL	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Aroclor 1248	BRL	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Aroclor 1254	310	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Aroclor 1260	BRL	38		ug/Kg-dry	157238	1	02/01/2012 03:21	SN
Surr: Decachlorobiphenyl	81	35.2-148		%REC	157238	1	02/01/2012 03:21	SN
Surr: Tetrachloro-m-xylene	78.2	26.2-120		%REC	157238	1	02/01/2012 03:21	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.74		mg/Kg-dry	157156	1	01/30/2012 16:31	BB
Barium	31.0	5.74		mg/Kg-dry	157156	1	01/30/2012 16:31	BB
Cadmium	BRL	2.87		mg/Kg-dry	157156	1	01/30/2012 16:31	BB
Chromium	19.7	2.87		mg/Kg-dry	157156	1	01/30/2012 16:31	BB
Lead	128	5.74		mg/Kg-dry	157156	1	01/30/2012 16:31	BB
Selenium	BRL	5.74		mg/Kg-dry	157156	1	01/30/2012 16:31	BB
Silver	BRL	2.87		mg/Kg-dry	157156	1	01/30/2012 16:31	BB

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-047
Project Name:	Arivec	**Collection Date:**	1/26/2012 8:40:00 AM
Lab ID:	1201K66-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	13.4	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-048
Project Name:	Arivec	**Collection Date:**	1/26/2012 10:30:00 AM
Lab ID:	1201K66-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Chloromethane	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Vinyl chloride	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Bromomethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Chloroethane	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Acetone	BRL	89		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Freon-113	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Carbon disulfide	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Methyl acetate	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Methylene chloride	BRL	18		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
cis-1,2-Dichloroethene	29	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
2-Butanone	BRL	44		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Chloroform	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Cyclohexane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Benzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Trichloroethene	15	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Methylcyclohexane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Bromodichloromethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
4-Methyl-2-pentanone	10	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Toluene	12	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
2-Hexanone	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Tetrachloroethene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Dibromochloromethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Chlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Ethylbenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Styrene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Bromoform	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-048
Project Name:	Arivec	**Collection Date:**	1/26/2012 10:30:00 AM
Lab ID:	1201K66-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Isopropylbenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Xylenes, Total	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:07	JE
Surr: 4-Bromofluorobenzene	93.7	56.5-134		%REC	157481	1	02/05/2012 16:07	JE
Surr: Dibromofluoromethane	98.8	71.8-135		%REC	157481	1	02/05/2012 16:07	JE
Surr: Toluene-d8	94.5	77.1-117		%REC	157481	1	02/05/2012 16:07	JE
PERCENT MOISTURE D2216								
Percent Moisture	22.0	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-049
Project Name:	Arivec	**Collection Date:**	1/26/2012 10:40:00 AM
Lab ID:	1201K66-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Chloromethane	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Vinyl chloride	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Bromomethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Chloroethane	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Acetone	BRL	89		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Freon-113	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Carbon disulfide	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Methyl acetate	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Methylene chloride	BRL	18		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
cis-1,2-Dichloroethene	11	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
2-Butanone	BRL	44		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Chloroform	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Cyclohexane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Benzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Trichloroethene	8.2	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Methylcyclohexane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Bromodichloromethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Toluene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
2-Hexanone	BRL	8.9		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Tetrachloroethene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Dibromochloromethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Chlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Ethylbenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Styrene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Bromoform	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-049
Project Name:	Arivec	**Collection Date:**	1/26/2012 10:40:00 AM
Lab ID:	1201K66-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Isopropylbenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Xylenes, Total	BRL	4.4		ug/Kg-dry	157481	1	02/05/2012 16:32	JE
Surr: 4-Bromofluorobenzene	96.5	56.5-134		%REC	157481	1	02/05/2012 16:32	JE
Surr: Dibromofluoromethane	97.3	71.8-135		%REC	157481	1	02/05/2012 16:32	JE
Surr: Toluene-d8	93.5	77.1-117		%REC	157481	1	02/05/2012 16:32	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.127		mg/Kg-dry	157235	1	02/01/2012 18:07	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Aroclor 1221	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Aroclor 1232	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Aroclor 1242	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Aroclor 1248	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Aroclor 1254	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Aroclor 1260	BRL	43		ug/Kg-dry	157238	1	01/31/2012 21:25	SN
Surr: Decachlorobiphenyl	67.6	35.2-148		%REC	157238	1	01/31/2012 21:25	SN
Surr: Tetrachloro-m-xylene	59.8	26.2-120		%REC	157238	1	01/31/2012 21:25	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.12		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
Barium	16.3	6.12		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
Cadmium	BRL	3.06		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
Chromium	BRL	3.06		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
Lead	24.8	6.12		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
Selenium	BRL	6.12		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
Silver	BRL	3.06		mg/Kg-dry	157156	1	01/30/2012 16:35	BB
PERCENT MOISTURE D2216								
Percent Moisture	21.8	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-050
Project Name:	Arivec	**Collection Date:**	1/26/2012 11:25:00 AM
Lab ID:	1201K66-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	250		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Dichlorodifluoromethane	BRL	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Chloromethane	BRL	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Vinyl chloride	BRL	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Bromomethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Chloroethane	BRL	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Trichlorofluoromethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,1-Dichloroethene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Acetone	2700	170	E	ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Freon-113	BRL	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Carbon disulfide	BRL	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Methyl acetate	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Methylene chloride	BRL	34		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Methyl tert-butyl ether	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
trans-1,2-Dichloroethene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,1-Dichloroethane	77	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
cis-1,2-Dichloroethene	92	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
2-Butanone	1200	84	E	ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Chloroform	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,1,1-Trichloroethane	29	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Cyclohexane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Carbon tetrachloride	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Benzene	21	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,2-Dichloroethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Trichloroethene	68	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Methylcyclohexane	17	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,2-Dichloropropane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Bromodichloromethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
cis-1,3-Dichloropropene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
4-Methyl-2-pentanone	40	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Toluene	57	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
trans-1,3-Dichloropropene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,1,2-Trichloroethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
2-Hexanone	190	17		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Tetrachloroethene	420	420		ug/Kg-dry	157491	50	02/07/2012 13:02	JE
Dibromochloromethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,2-Dibromoethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Chlorobenzene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Ethylbenzene	30	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Styrene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Bromoform	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-050
Project Name:	Arivec	**Collection Date:**	1/26/2012 11:25:00 AM
Lab ID:	1201K66-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Isopropylbenzene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,3-Dichlorobenzene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,4-Dichlorobenzene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,2-Dichlorobenzene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,2-Dibromo-3-chloropropane	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
1,2,4-Trichlorobenzene	BRL	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Xylenes, Total	120	8.4		ug/Kg-dry	157491	1	02/06/2012 15:41	JE
Surr: 4-Bromofluorobenzene	93	56.5-134		%REC	157491	50	02/07/2012 13:02	JE
Surr: 4-Bromofluorobenzene	53.9	56.5-134	S	%REC	157491	1	02/06/2012 15:41	JE
Surr: Dibromofluoromethane	102	71.8-135		%REC	157491	50	02/07/2012 13:02	JE
Surr: Dibromofluoromethane	117	71.8-135		%REC	157491	1	02/06/2012 15:41	JE
Surr: Toluene-d8	64.8	77.1-117	S	%REC	157491	1	02/06/2012 15:41	JE
Surr: Toluene-d8	102	77.1-117		%REC	157491	50	02/07/2012 13:02	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	3.30	1.50		mg/Kg-dry	157235	10	02/01/2012 19:36	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Aroclor 1221	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Aroclor 1232	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Aroclor 1242	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Aroclor 1248	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Aroclor 1254	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Aroclor 1260	BRL	510		ug/Kg-dry	157238	10	02/02/2012 15:25	SN
Surr: Decachlorobiphenyl	61.7	35.2-148		%REC	157238	10	02/02/2012 15:25	SN
Surr: Tetrachloro-m-xylene	77.1	26.2-120		%REC	157238	10	02/02/2012 15:25	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	11.7	6.92		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
Barium	1290	6.92		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
Cadmium	7.49	3.46		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
Chromium	187	3.46		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
Lead	1160	6.92		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
Selenium	BRL	6.92		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
Silver	BRL	3.46		mg/Kg-dry	157156	1	01/30/2012 16:38	BB
PERCENT MOISTURE D2216								
Percent Moisture	34.2	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-051
Project Name:	Arivec	**Collection Date:**	1/26/2012 11:35:00 AM
Lab ID:	1201K66-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	350		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Dichlorodifluoromethane	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Chloromethane	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Vinyl chloride	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Bromomethane	120	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Chloroethane	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Trichlorofluoromethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,1-Dichloroethene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Acetone	2900	240	E	ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Freon-113	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Carbon disulfide	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Methyl acetate	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Methylene chloride	BRL	47		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Methyl tert-butyl ether	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
trans-1,2-Dichloroethene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,1-Dichloroethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
cis-1,2-Dichloroethene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
2-Butanone	450	120		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Chloroform	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,1,1-Trichloroethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Cyclohexane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Carbon tetrachloride	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Benzene	25	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,2-Dichloroethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Trichloroethene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Methylcyclohexane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,2-Dichloropropane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Bromodichloromethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
cis-1,3-Dichloropropene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
4-Methyl-2-pentanone	33	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Toluene	13	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
trans-1,3-Dichloropropene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,1,2-Trichloroethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
2-Hexanone	BRL	24		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Tetrachloroethene	48	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Dibromochloromethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,2-Dibromoethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Chlorobenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Ethylbenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Styrene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Bromoform	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-051
Project Name:	Arivec	**Collection Date:**	1/26/2012 11:35:00 AM
Lab ID:	1201K66-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Isopropylbenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,3-Dichlorobenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,4-Dichlorobenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,2-Dichlorobenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,2-Dibromo-3-chloropropane	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
1,2,4-Trichlorobenzene	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Xylenes, Total	BRL	12		ug/Kg-dry	157491	1	02/06/2012 16:07	JE
Surr: 4-Bromofluorobenzene	75.7	56.5-134		%REC	157491	1	02/06/2012 16:07	JE
Surr: Dibromofluoromethane	99.9	71.8-135		%REC	157491	1	02/06/2012 16:07	JE
Surr: Toluene-d8	79.9	77.1-117		%REC	157491	1	02/06/2012 16:07	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	4.46	2.41		mg/Kg-dry	157235	10	02/01/2012 19:39	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Aroclor 1221	BRL	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Aroclor 1232	BRL	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Aroclor 1242	BRL	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Aroclor 1248	BRL	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Aroclor 1254	BRL	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Aroclor 1260	3100	800		ug/Kg-dry	157238	10	02/02/2012 15:55	SN
Surr: Decachlorobiphenyl	147	35.2-148		%REC	157238	10	02/02/2012 15:55	SN
Surr: Tetrachloro-m-xylene	90.5	26.2-120		%REC	157238	10	02/02/2012 15:55	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	19.0	11.3		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
Barium	940	11.3		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
Cadmium	18.2	5.67		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
Chromium	263	5.67		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
Lead	2090	11.3		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
Selenium	BRL	11.3		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
Silver	BRL	5.67		mg/Kg-dry	157156	1	01/30/2012 16:42	BB
PERCENT MOISTURE D2216								
Percent Moisture	58.5	0		wt%	R214398	1	02/02/2012 11:30	AS

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: 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-052
Project Name:	Arivec	**Collection Date:**	1/26/2012 11:45:00 AM
Lab ID:	1201K66-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	220		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Chloromethane	BRL	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Vinyl chloride	31	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Bromomethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Chloroethane	BRL	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Trichlorofluoromethane	31	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,1-Dichloroethene	27	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Acetone	410	150		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Freon-113	53	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Carbon disulfide	BRL	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Methyl acetate	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Methylene chloride	BRL	30		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Methyl tert-butyl ether	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
trans-1,2-Dichloroethene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,1-Dichloroethane	24	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
cis-1,2-Dichloroethene	430	370		ug/Kg-dry	157491	50	02/06/2012 22:01	JE
2-Butanone	BRL	75		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Chloroform	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,1,1-Trichloroethane	150	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Cyclohexane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Carbon tetrachloride	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Benzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,2-Dichloroethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Trichloroethene	350	300		ug/Kg-dry	157491	50	02/06/2012 22:01	JE
Methylcyclohexane	11	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,2-Dichloropropane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Bromodichloromethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
cis-1,3-Dichloropropene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Toluene	18	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
trans-1,3-Dichloropropene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,1,2-Trichloroethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
2-Hexanone	BRL	15		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Tetrachloroethene	1900	370		ug/Kg-dry	157491	50	02/06/2012 22:01	JE
Dibromochloromethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,2-Dibromoethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Chlorobenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Ethylbenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Styrene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Bromoform	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE

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:** 14-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012612-DJB-052
Project Name:	Arivec	**Collection Date:**	1/26/2012 11:45:00 AM
Lab ID:	1201K66-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Isopropylbenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,3-Dichlorobenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,4-Dichlorobenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,2-Dichlorobenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,2-Dibromo-3-chloropropane	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
1,2,4-Trichlorobenzene	BRL	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Xylenes, Total	19	7.5		ug/Kg-dry	157481	1	02/06/2012 16:32	JE
Surr: 4-Bromofluorobenzene	94.3	56.5-134		%REC	157491	50	02/06/2012 22:01	JE
Surr: 4-Bromofluorobenzene	78.9	56.5-134		%REC	157481	1	02/06/2012 16:32	JE
Surr: Dibromofluoromethane	90.3	71.8-135		%REC	157491	50	02/06/2012 22:01	JE
Surr: Dibromofluoromethane	114	71.8-135		%REC	157481	1	02/06/2012 16:32	JE
Surr: Toluene-d8	93.8	77.1-117		%REC	157491	50	02/06/2012 22:01	JE
Surr: Toluene-d8	83.6	77.1-117		%REC	157481	1	02/06/2012 16:32	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	5.58	1.45		mg/Kg-dry	157235	10	02/01/2012 19:41	TA
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	49		ug/Kg-dry	157238	1	02/01/2012 04:50	SN
Aroclor 1221	BRL	49		ug/Kg-dry	157238	1	02/01/2012 04:50	SN
Aroclor 1232	BRL	49		ug/Kg-dry	157238	1	02/01/2012 04:50	SN
Aroclor 1242	BRL	49		ug/Kg-dry	157238	1	02/01/2012 04:50	SN
Aroclor 1248	BRL	49		ug/Kg-dry	157238	1	02/01/2012 04:50	SN
Aroclor 1254	BRL	49		ug/Kg-dry	157238	1	02/01/2012 04:50	SN
Aroclor 1260	1600	240		ug/Kg-dry	157238	5	02/01/2012 18:35	SN
Surr: Decachlorobiphenyl	59.6	35.2-148		%REC	157238	1	02/01/2012 04:50	SN
Surr: Tetrachloro-m-xylene	49.7	26.2-120		%REC	157238	1	02/01/2012 04:50	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	7.28		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
Barium	1050	7.28		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
Cadmium	27.6	3.64		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
Chromium	178	3.64		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
Lead	3120	7.28		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
Selenium	BRL	7.28		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
Silver	BRL	3.64		mg/Kg-dry	157156	1	01/30/2012 16:46	BB
PERCENT MOISTURE D2216								
Percent Moisture	31.7	0		wt%	R214398	1	02/02/2012 11:30	AS

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 Cosestoga - Rovers & Assoc Work Order Number 1201466

Checklist completed by _____ 01/27/2012
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.7 Cooler #2 4.0 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 ✗ CK 1/28/12 Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable ✗ CK 1/28/12

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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157156

Sample ID: **MB-157156** Client ID: Units: **mg/Kg** Prep Date: **01/30/2012** Run No: **214122**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157156** Analysis Date: **01/30/2012** Seq No: **4477389**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00	0	0	0	0	0	0	0	0	
Barium	BRL	5.00	0	0	0	0	0	0	0	0	
Cadmium	BRL	2.50	0	0	0	0	0	0	0	0	
Chromium	BRL	2.50	0	0	0	0	0	0	0	0	
Lead	BRL	5.00	0	0	0	0	0	0	0	0	
Selenium	BRL	5.00	0	0	0	0	0	0	0	0	
Silver	BRL	2.50	0	0	0	0	0	0	0	0	

Sample ID: **LCS-157156** Client ID: Units: **mg/Kg** Prep Date: **01/30/2012** Run No: **214122**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157156** Analysis Date: **01/30/2012** Seq No: **4477387**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	46.93	5.00	50	0	93.9	80	120	0	0	0	
Barium	43.53	5.00	50	0.08290	86.9	80	120	0	0	0	
Cadmium	44.53	2.50	50	0	89.1	80	120	0	0	0	
Chromium	46.61	2.50	50	0	93.2	80	120	0	0	0	
Lead	45.86	5.00	50	0	91.7	80	120	0	0	0	
Selenium	47.08	5.00	50	0.4426	93.3	80	120	0	0	0	
Silver	4.349	2.50	5	0	87	80	120	0	0	0	

Sample ID: **1201K53-002AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **01/30/2012** Run No: **214122**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157156** Analysis Date: **01/30/2012** Seq No: **4477397**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	56.37	6.13	61.26	1.276	89.9	75	125	0	0	0	
Barium	76.10	6.13	61.26	22.00	88.3	75	125	0	0	0	
Cadmium	55.77	3.06	61.26	0	91	75	125	0	0	0	
Chromium	66.46	3.06	61.26	6.124	98.5	75	125	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157156

Sample ID: **1201K53-002AMS** Client ID:
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C**
Units: **mg/Kg-dry** Prep Date: **01/30/2012** Run No: **214122**
BatchID: **157156** Analysis Date: **01/30/2012** Seq No: **4477397**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	61.23	6.13	61.26	5.453	91	75	125	0	0	0	
Selenium	54.91	6.13	61.26	0	89.6	75	125	0	0	0	
Silver	5.150	3.06	6.126	0	84.1	75	125	0	0	0	

Sample ID: **1201K53-002AMSD** Client ID:
SampleType: **MSD** TestCode: **METALS, TOTAL** **SW6010C**
Units: **mg/Kg-dry** Prep Date: **01/30/2012** Run No: **214122**
BatchID: **157156** Analysis Date: **01/30/2012** Seq No: **4477399**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	55.80	6.14	61.38	1.276	88.8	75	125	56.37	1.02	20	
Barium	75.67	6.14	61.38	22.00	87.4	75	125	76.10	0.574	20	
Cadmium	55.86	3.07	61.38	0	91	75	125	55.77	0.16	20	
Chromium	67.55	3.07	61.38	6.124	100	75	125	66.46	1.63	20	
Lead	61.28	6.14	61.38	5.453	91	75	125	61.23	0.088	20	
Selenium	55.71	6.14	61.38	0	90.8	75	125	54.91	1.45	20	
Silver	5.160	3.07	6.138	0	84.1	75	125	5.150	0.188	20	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157235

Sample ID: **MB-157235**	Client ID:			Units: **mg/Kg**		Prep Date: **01/31/2012**		Run No: **214349**	
SampleType: **MBLK**	TestCode: **TOTAL MERCURY SW7471B**			BatchID: **157235**		Analysis Date: **02/01/2012**		Seq No: **4482607**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-157235**	Client ID:			Units: **mg/Kg**		Prep Date: **01/31/2012**		Run No: **214349**	
SampleType: **LCS**	TestCode: **TOTAL MERCURY SW7471B**			BatchID: **157235**		Analysis Date: **02/01/2012**		Seq No: **4482609**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4465	0.100	0.4	0	112	80	120	0	0	0	

Sample ID: **1201K66-021CMS**	Client ID: **S-012612-DJB-049**			Units: **mg/Kg-dry**		Prep Date: **01/31/2012**		Run No: **214349**	
SampleType: **MS**	TestCode: **TOTAL MERCURY SW7471B**			BatchID: **157235**		Analysis Date: **02/01/2012**		Seq No: **4482613**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5454	0.126	0.5057	0	108	70	130	0	0	0	

Sample ID: **1201K66-021CMSD**	Client ID: **S-012612-DJB-049**			Units: **mg/Kg-dry**		Prep Date: **01/31/2012**		Run No: **214349**	
SampleType: **MSD**	TestCode: **TOTAL MERCURY SW7471B**			BatchID: **157235**		Analysis Date: **02/01/2012**		Seq No: **4482615**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5772	0.127	0.5077	0	114	70	130	0.5454	5.66	30	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157238

Sample ID: **MB-157238** Client ID: Units: **ug/Kg** Prep Date: **01/31/2012** Run No: **214275**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157238** Analysis Date: **01/31/2012** Seq No: **4480332**

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	0	0	0	0	0	0	0	0	
Aroclor 1221	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1232	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1242	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1248	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1254	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1260	BRL	33	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	12.05	0	16.67	0	72.3	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	11.71	0	16.67	0	70.3	26.2	120	0	0	0	

Sample ID: **LCS-157238** Client ID: Units: **ug/Kg** Prep Date: **01/31/2012** Run No: **214275**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157238** Analysis Date: **01/31/2012** Seq No: **4480334**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	152.8	33	166.7	0	91.7	58.5	130	0	0	0	
Aroclor 1260	152.5	33	166.7	0	91.5	63.1	133	0	0	0	
Surr: Decachlorobiphenyl	12.84	0	16.67	0	77	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	11.75	0	16.67	0	70.5	26.2	120	0	0	0	

Sample ID: **1201K66-021CMS** Client ID: **S-012612-DJB-049** Units: **ug/Kg-dry** Prep Date: **01/31/2012** Run No: **214275**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157238** Analysis Date: **01/31/2012** Seq No: **4480367**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	193.4	43	213	0	90.8	41.8	140	0	0	0	
Aroclor 1260	191.2	43	213	0	89.8	39.4	140	0	0	0	
Surr: Decachlorobiphenyl	15.70	0	21.3	0	73.7	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	13.39	0	21.3	0	62.9	26.2	120	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157238

Sample ID: **1201K66-021CMSD** Client ID: **S-012612-DJB-049** Units: **ug/Kg-dry** Prep Date: **01/31/2012** Run No: **214275**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157238** Analysis Date: **01/31/2012** Seq No: **4480376**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	168.9	43	212.8	0	79.4	41.8	140	193.4	13.5	32.4	
Aroclor 1260	186.6	43	212.8	0	87.7	39.4	140	191.2	2.44	32.7	
Surr: Decachlorobiphenyl	15.06	0	21.29	0	70.8	35.2	148	15.70	0	0	
Surr: Tetrachloro-m-xylene	11.72	0	21.29	0	55.1	26.2	120	13.39	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157378

Sample ID: **MB-157378** Client ID: Units: **ug/L** Prep Date: **02/02/2012** Run No: **214360**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157378** Analysis Date: **02/02/2012** Seq No: **4482208**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157378

Sample ID: **MB-157378** Client ID: Units: **ug/L** Prep Date: **02/02/2012** Run No: **214360**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157378** Analysis Date: **02/02/2012** Seq No: **4482208**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	46.13	0	50	0	92.3	64.6	131	0	0	0	
Surr: Dibromofluoromethane	49.91	0	50	0	99.8	70.6	128	0	0	0	
Surr: Toluene-d8	48.71	0	50	0	97.4	70.5	116	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157378

Sample ID: **LCS-157378** Client ID: Units: **ug/L** Prep Date: **02/02/2012** Run No: **214360**
SampleType: **LCS** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157378** Analysis Date: **02/02/2012** Seq No: **4482206**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	61.74	5.0	50	0	123	51.3	142	0	0	0	
Benzene	57.80	5.0	50	0	116	70.2	125	0	0	0	
Chlorobenzene	50.58	5.0	50	0	101	73.5	121	0	0	0	
Toluene	56.46	5.0	50	0	113	66	131	0	0	0	
Trichloroethene	54.41	5.0	50	0	109	63.6	129	0	0	0	
Surr: 4-Bromofluorobenzene	49.68	0	50	0	99.4	64.6	131	0	0	0	
Surr: Dibromofluoromethane	55.11	0	50	0	110	70.6	128	0	0	0	
Surr: Toluene-d8	54.38	0	50	0	109	70.5	116	0	0	0	

Sample ID: **1201K66-013AMS** Client ID: **S-012512-DJB-042** Units: **ug/L** Prep Date: **02/02/2012** Run No: **214360**
SampleType: **MS** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157378** Analysis Date: **02/02/2012** Seq No: **4483620**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	62.60	5.0	50	0	125	46.9	155	0	0	0	
Benzene	57.12	5.0	50	0	114	65.5	134	0	0	0	
Chlorobenzene	49.38	5.0	50	0	98.8	73	124	0	0	0	
Toluene	56.98	5.0	50	0	114	60	136	0	0	0	
Trichloroethene	52.86	5.0	50	0	106	66.2	140	0	0	0	
Surr: 4-Bromofluorobenzene	53.66	0	50	0	107	64.6	131	0	0	0	
Surr: Dibromofluoromethane	58.80	0	50	0	118	70.6	128	0	0	0	
Surr: Toluene-d8	57.78	0	50	0	116	70.5	116	0	0	0	

Sample ID: **1201K66-013AMSD** Client ID: **S-012512-DJB-042** Units: **ug/L** Prep Date: **02/02/2012** Run No: **214360**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157378** Analysis Date: **02/02/2012** Seq No: **4483621**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	77.56	5.0	50	0	155	46.9	155	62.60	21.3	15.8	SR
Benzene	67.07	5.0	50	0	134	65.5	134	57.12	16	10	SR

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157378

Sample ID: **1201K66-013AMSD** Client ID: **S-012512-DJB-042** Units: **ug/L** Prep Date: **02/02/2012** Run No: **214360**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157378** Analysis Date: **02/02/2012** Seq No: **4483621**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	58.92	5.0	50	0	118	73	124	49.38	17.6	10	R
Toluene	67.11	5.0	50	0	134	60	136	56.98	16.3	10	R
Trichloroethene	64.35	5.0	50	0	129	66.2	140	52.86	19.6	11	R
Surr: 4-Bromofluorobenzene	51.59	0	50	0	103	64.6	131	53.66	0	0	
Surr: Dibromofluoromethane	55.11	0	50	0	110	70.6	128	58.80	0	0	
Surr: Toluene-d8	55.19	0	50	0	110	70.5	116	57.78	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **MB-157431** Client ID: Units: **ug/Kg** Prep Date: **02/03/2012** Run No: **214506**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157431** Analysis Date: **02/03/2012** Seq No: **4485116**

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	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **MB-157431** Client ID: Units: **ug/Kg** Prep Date: **02/03/2012** Run No: **214506**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157431** Analysis Date: **02/03/2012** Seq No: **4485116**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2230	0	2500	0	89.2	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2377	0	2500	0	95.1	71.8	135	0	0	0	
Surr: Toluene-d8	2254	0	2500	0	90.1	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **LCS-157431**	Client ID:		Units: **ug/Kg**	Prep Date: **02/03/2012**	Run No: **214506**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157431**	Analysis Date: **02/03/2012**	Seq No: **4485127**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3263	250	2500	0	131	60	140	0	0	0	
Benzene	2682	250	2500	0	107	70	130	0	0	0	
Chlorobenzene	2570	250	2500	0	103	70	130	0	0	0	
Toluene	2756	250	2500	0	110	70	130	0	0	0	
Trichloroethene	2809	250	2500	0	112	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	2536	0	2500	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2480	0	2500	0	99.2	71.8	135	0	0	0	
Surr: Toluene-d8	2577	0	2500	0	103	77.1	117	0	0	0	

Sample ID: **1201H92-003AMS**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **02/03/2012**	Run No: **214506**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157431**	Analysis Date: **02/03/2012**	Seq No: **4487133**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2496	220	2200	0	113	51	159	0	0	0	
Benzene	2123	220	2200	0	96.5	67.6	139	0	0	0	
Chlorobenzene	1968	220	2200	0	89.5	73.6	135	0	0	0	
Toluene	2112	220	2200	0	96	63.5	140	0	0	0	
Trichloroethene	2284	220	2200	106.9	99	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	2231	0	2200	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2162	0	2200	0	98.3	71.8	135	0	0	0	
Surr: Toluene-d8	2261	0	2200	0	103	77.1	117	0	0	0	

Sample ID: **1201H92-003AMSD**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **02/03/2012**	Run No: **214506**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157431**	Analysis Date: **02/03/2012**	Seq No: **4487134**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2571	220	2200	0	117	51	159	2496	2.95	25.7	
Benzene	2287	220	2200	0	104	67.6	139	2123	7.44	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157431

Sample ID: **1201H92-003AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **02/03/2012** Run No: **214506**
BatchID: **157431** Analysis Date: **02/03/2012** Seq No: **4487134**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2182	220	2200	0	99.2	73.6	135	1968	10.3	18.5	
Toluene	2285	220	2200	0	104	63.5	140	2112	7.86	18.8	
Trichloroethene	2484	220	2200	106.9	108	67.6	145	2284	8.36	20.7	
Surr: 4-Bromofluorobenzene	2260	0	2200	0	103	56.5	134	2231	0	0	
Surr: Dibromofluoromethane	2121	0	2200	0	96.4	71.8	135	2162	0	0	
Surr: Toluene-d8	2245	0	2200	0	102	77.1	117	2261	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157481

Sample ID: **MB-157481** Client ID: Units: **ug/Kg** Prep Date: **02/05/2012** Run No: **214577**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157481** Analysis Date: **02/05/2012** Seq No: **4486693**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157481

Sample ID: **MB-157481** Client ID: Units: **ug/Kg** Prep Date: **02/05/2012** Run No: **214577**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157481** Analysis Date: **02/05/2012** Seq No: **4486693**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	46.26	0	50	0	92.5	56.5	134	0	0	0	
Surr: Dibromofluoromethane	48.22	0	50	0	96.4	71.8	135	0	0	0	
Surr: Toluene-d8	47.35	0	50	0	94.7	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157481

Sample ID: **LCS-157481**	Client ID:		Units: **ug/Kg**	Prep Date: **02/05/2012**	Run No: **214577**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157481**	Analysis Date: **02/05/2012**	Seq No: **4486695**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.92	5.0	50	0	106	60	140	0	0	0	
Benzene	54.13	5.0	50	0	108	70	130	0	0	0	
Chlorobenzene	54.28	5.0	50	0	109	70	130	0	0	0	
Toluene	55.14	5.0	50	0	110	70	130	0	0	0	
Trichloroethene	57.35	5.0	50	0	115	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.22	0	50	0	100	56.5	134	0	0	0	
Surr: Dibromofluoromethane	49.86	0	50	0	99.7	71.8	135	0	0	0	
Surr: Toluene-d8	50.54	0	50	0	101	77.1	117	0	0	0	

Sample ID: **1201K48-001AMS**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **02/05/2012**	Run No: **214577**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157481**	Analysis Date: **02/05/2012**	Seq No: **4486697**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	78.90	7.2	72.11	0	109	51	159	0	0	0	
Benzene	81.60	7.2	72.11	0	113	67.6	139	0	0	0	
Chlorobenzene	80.38	7.2	72.11	0	111	73.6	135	0	0	0	
Toluene	82.95	7.2	72.11	0	115	63.5	140	0	0	0	
Trichloroethene	84.64	7.2	72.11	0	117	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	72.67	0	72.11	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	72.25	0	72.11	0	100	71.8	135	0	0	0	
Surr: Toluene-d8	73.32	0	72.11	0	102	77.1	117	0	0	0	

Sample ID: **1201K48-001AMSD**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **02/05/2012**	Run No: **214577**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157481**	Analysis Date: **02/05/2012**	Seq No: **4486699**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	74.41	7.2	72.11	0	103	51	159	78.90	5.85	25.7	
Benzene	79.03	7.2	72.11	0	110	67.6	139	81.60	3.2	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157481

Sample ID: **1201K48-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **02/05/2012** Run No: **214577**
BatchID: **157481** Analysis Date: **02/05/2012** Seq No: **4486699**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	79.69	7.2	72.11	0	111	73.6	135	80.38	0.865	18.5	
Toluene	78.98	7.2	72.11	0	110	63.5	140	82.95	4.9	18.8	
Trichloroethene	81.19	7.2	72.11	0	113	67.6	145	84.64	4.16	20.7	
Surr: 4-Bromofluorobenzene	74.05	0	72.11	0	103	56.5	134	72.67	0	0	
Surr: Dibromofluoromethane	71.51	0	72.11	0	99.2	71.8	135	72.25	0	0	
Surr: Toluene-d8	72.42	0	72.11	0	100	77.1	117	73.32	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157483

Sample ID: **MB-157483** Client ID: Units: **ug/L** Prep Date: **02/04/2012** Run No: **214557**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157483** Analysis Date: **02/04/2012** Seq No: **4487507**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157483

Sample ID: **MB-157483** Client ID: Units: **ug/L** Prep Date: **02/04/2012** Run No: **214557**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157483** Analysis Date: **02/04/2012** Seq No: **4487507**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	47.02	0	50	0	94	67.4	123	0	0	0	
Surr: Dibromofluoromethane	51.36	0	50	0	103	75.5	128	0	0	0	
Surr: Toluene-d8	48.07	0	50	0	96.1	70	120	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157483

Sample ID: **LCS-157483**	Client ID:		Units: **ug/L**	Prep Date: **02/04/2012**	Run No: **214557**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157483**	Analysis Date: **02/04/2012**	Seq No: **4487505**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.75	5.0	50	0	104	60	140	0	0	0	
Benzene	47.24	5.0	50	0	94.5	70	130	0	0	0	
Chlorobenzene	43.48	5.0	50	0	87	70	130	0	0	0	
Toluene	46.89	5.0	50	0	93.8	70	130	0	0	0	
Trichloroethene	46.39	5.0	50	0	92.8	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	51.44	0	50	0	103	67.4	123	0	0	0	
Surr: Dibromofluoromethane	53.37	0	50	0	107	75.5	128	0	0	0	
Surr: Toluene-d8	53.20	0	50	0	106	70	120	0	0	0	

Sample ID: **1202057-001AMS**	Client ID:		Units: **ug/L**	Prep Date: **02/04/2012**	Run No: **214557**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157483**	Analysis Date: **02/04/2012**	Seq No: **4487511**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	46.65	5.0	50	0	93.3	50.1	179	0	0	0	
Benzene	41.53	5.0	50	0	83.1	61.2	150	0	0	0	
Chlorobenzene	36.64	5.0	50	0	73.3	72.1	140	0	0	0	
Toluene	41.84	5.0	50	0	83.7	58.7	154	0	0	0	
Trichloroethene	40.79	5.0	50	0	81.6	68.3	149	0	0	0	
Surr: 4-Bromofluorobenzene	51.97	0	50	0	104	67.4	123	0	0	0	
Surr: Dibromofluoromethane	54.88	0	50	0	110	75.5	128	0	0	0	
Surr: Toluene-d8	54.79	0	50	0	110	70	120	0	0	0	

Sample ID: **1202057-001AMSD**	Client ID:		Units: **ug/L**	Prep Date: **02/04/2012**	Run No: **214557**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157483**	Analysis Date: **02/04/2012**	Seq No: **4487513**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	46.87	5.0	50	0	93.7	50.1	179	46.65	0.47	23.3	
Benzene	42.44	5.0	50	0	84.9	61.2	150	41.53	2.17	19	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157483

Sample ID: **1202057-001AMSD** Client ID: Units: **ug/L** Prep Date: **02/04/2012** Run No: **214557**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157483** Analysis Date: **02/04/2012** Seq No: **4487513**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	36.57	5.0	50	0	73.1	72.1	140	36.64	0.191	21.5	
Toluene	42.35	5.0	50	0	84.7	58.7	154	41.84	1.21	20	
Trichloroethene	40.36	5.0	50	0	80.7	68.3	149	40.79	1.06	17.7	
Surr: 4-Bromofluorobenzene	51.93	0	50	0	104	67.4	123	51.97	0	0	
Surr: Dibromofluoromethane	58.71	0	50	0	117	75.5	128	54.88	0	0	
Surr: Toluene-d8	55.87	0	50	0	112	70	120	54.79	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157491

Sample ID: **MB-157491** Client ID: Units: **ug/Kg** Prep Date: **02/04/2012** Run No: **214579**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157491** Analysis Date: **02/04/2012** Seq No: **4487632**

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	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157491

Sample ID: **MB-157491** Client ID: Units: **ug/Kg** Prep Date: **02/04/2012** Run No: **214579**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157491** Analysis Date: **02/04/2012** Seq No: **4487632**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2198	0	2500	0	87.9	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2401	0	2500	0	96	71.8	135	0	0	0	
Surr: Toluene-d8	2226	0	2500	0	89	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157491

Sample ID: **LCS-157491**	Client ID:		Units: **ug/Kg**	Prep Date: **02/04/2012**	Run No: **214579**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157491**	Analysis Date: **02/04/2012**	Seq No: **4487629**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2216	250	2500	0	88.6	60	140	0	0	0	
Benzene	2367	250	2500	0	94.7	70	130	0	0	0	
Chlorobenzene	2316	250	2500	0	92.7	70	130	0	0	0	
Toluene	2288	250	2500	0	91.5	70	130	0	0	0	
Trichloroethene	2388	250	2500	0	95.5	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	2532	0	2500	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2372	0	2500	0	94.9	71.8	135	0	0	0	
Surr: Toluene-d8	2479	0	2500	0	99.2	77.1	117	0	0	0	

Sample ID: **1201K66-024AMS**	Client ID: **S-012612-DJB-052**		Units: **ug/Kg-dry**	Prep Date: **02/04/2012**	Run No: **214579**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157491**	Analysis Date: **02/04/2012**	Seq No: **4487635**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	45340	3700	36590	0	124	51	159	0	0	0	
Benzene	41310	3700	36590	0	113	67.6	139	0	0	0	
Chlorobenzene	39950	3700	36590	0	109	73.6	135	0	0	0	
Toluene	40760	3700	36590	0	111	63.5	140	0	0	0	
Trichloroethene	45700	3700	36590	0	125	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	37340	0	36590	0	102	56.5	134	0	0	0	
Surr: Dibromofluoromethane	35260	0	36590	0	96.4	71.8	135	0	0	0	
Surr: Toluene-d8	37120	0	36590	0	101	77.1	117	0	0	0	

Sample ID: **1201K66-024AMSD**	Client ID: **S-012612-DJB-052**		Units: **ug/Kg-dry**	Prep Date: **02/04/2012**	Run No: **214579**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157491**	Analysis Date: **02/04/2012**	Seq No: **4487638**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	41920	3700	36590	0	115	51	159	45340	7.83	25.7	
Benzene	38580	3700	36590	0	105	67.6	139	41310	6.83	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157491

Sample ID: **1201K66-024AMSD** Client ID: **S-012612-DJB-052** Units: **ug/Kg-dry** Prep Date: **02/04/2012** Run No: **214579**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157491** Analysis Date: **02/04/2012** Seq No: **4487638**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	36740	3700	36590	0	100	73.6	135	39950	8.38	18.5	
Toluene	37350	3700	36590	0	102	63.5	140	40760	8.73	18.8	
Trichloroethene	42510	3700	36590	0	116	67.6	145	45700	7.25	20.7	
Surr: 4-Bromofluorobenzene	37490	0	36590	0	102	56.5	134	37340	0	0	
Surr: Dibromofluoromethane	34980	0	36590	0	95.6	71.8	135	35260	0	0	
Surr: Toluene-d8	36180	0	36590	0	98.9	77.1	117	37120	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157504

Sample ID: **MB-157504** Client ID: Units: **ug/Kg** Prep Date: **02/06/2012** Run No: **214626**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157504** Analysis Date: **02/06/2012** Seq No: **4487962**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157504

Sample ID: **MB-157504** Client ID: Units: **ug/Kg** Prep Date: **02/06/2012** Run No: **214626**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157504** Analysis Date: **02/06/2012** Seq No: **4487962**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	46.30	0	50	0	92.6	56.5	134	0	0	0	
Surr: Dibromofluoromethane	47.44	0	50	0	94.9	71.8	135	0	0	0	
Surr: Toluene-d8	47.40	0	50	0	94.8	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157504

Sample ID: **LCS-157504** Client ID: Units: **ug/Kg** Prep Date: **02/06/2012** Run No: **214626**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157504** Analysis Date: **02/06/2012** Seq No: **4487970**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.52	5.0	50	0	111	60	140	0	0	0	
Benzene	56.69	5.0	50	0	113	70	130	0	0	0	
Chlorobenzene	56.87	5.0	50	0	114	70	130	0	0	0	
Toluene	57.83	5.0	50	0	116	70	130	0	0	0	
Trichloroethene	61.69	5.0	50	0	123	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.89	0	50	0	102	56.5	134	0	0	0	
Surr: Dibromofluoromethane	48.52	0	50	0	97	71.8	135	0	0	0	
Surr: Toluene-d8	49.38	0	50	0	98.8	77.1	117	0	0	0	

Sample ID: **1202196-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **02/06/2012** Run No: **214626**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157504** Analysis Date: **02/06/2012** Seq No: **4487971**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	72.43	6.6	65.56	0	110	51	159	0	0	0	
Benzene	74.26	6.6	65.56	0	113	67.6	139	0	0	0	
Chlorobenzene	75.94	6.6	65.56	0	116	73.6	135	0	0	0	
Toluene	77.89	6.6	65.56	0	119	63.5	140	0	0	0	
Trichloroethene	80.10	6.6	65.56	0	122	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	65.87	0	65.56	0	100	56.5	134	0	0	0	
Surr: Dibromofluoromethane	65.06	0	65.56	0	99.2	71.8	135	0	0	0	
Surr: Toluene-d8	64.36	0	65.56	0	98.2	77.1	117	0	0	0	

Sample ID: **1202196-001AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **02/06/2012** Run No: **214626**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157504** Analysis Date: **02/06/2012** Seq No: **4487972**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	72.24	6.6	65.56	0	110	51	159	72.43	0.254	25.7	
Benzene	74.88	6.6	65.56	0	114	67.6	139	74.26	0.826	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K66

ANALYTICAL QC SUMMARY REPORT

BatchID: 157504

Sample ID: **1202196-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **02/06/2012** Run No: **214626**
BatchID: **157504** Analysis Date: **02/06/2012** Seq No: **4487972**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	76.37	6.6	65.56	0	116	73.6	135	75.94	0.568	18.5	
Toluene	77.29	6.6	65.56	0	118	63.5	140	77.89	0.777	18.8	
Trichloroethene	80.87	6.6	65.56	0	123	67.6	145	80.10	0.961	20.7	
Surr: 4-Bromofluorobenzene	66.38	0	65.56	0	101	56.5	134	65.87	0	0	
Surr: Dibromofluoromethane	64.14	0	65.56	0	97.8	71.8	135	65.06	0	0	
Surr: Toluene-d8	65.40	0	65.56	0	99.8	77.1	117	64.36	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

February 15, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1202443

Analytical Environmental Services, Inc. received 15 samples on 2/3/2012 4:30:00 PM 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CKKanhai

Chantelle Kanhai
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1202443

Date: 2/3/12 Page 1 of 2

COMPANY:	ADDRESS:
CRA	3075 Breckenridge Blvd Ste 470 Duluth, GA 30096
PHONE: 770-441-0027	FAX: 770-441-2050
SAMPLED BY: Steven Green	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs (TCL)	RCRA metals	PCBs	SPLP (HOLD)	VOC (TCL HOLD)	No # of Containers	REMARKS
	PRESERVATION (See codes)												
1	S-020312-BOW-053	2/3/12	815	X		50	X						
2	" " " -054		825	X			X	X	X	X			
3	" " " -055		830	X			X						
4	" " " -056		845	X			X	X	X	X			
5	" " " -057		910	X			X						
6	" " " -058		920	X			X	X	X	X			
7	" " " -059		930	X			X						
8	" " " -060		945	X			X	X	X	X			
9	" " " -061		1015	X			X						
10	" " " -062		1025	X			X	X	X	X			
11	" " " -063		1045	X			X						
12	" " " -064		1050	X			X	X	X	X			
13	" " " -065		1315	X			X						
14	" " " -066		1500	X			X						

ANALYSIS REQUESTED

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

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Ben C. Welch	2/3/12 16:30	1: [signature]	2/3/12 4:30
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Anivec
PROJECT #: 35029
SITE ADDRESS: Douglasville, GA
SEND REPORT TO: See SSOW
INVOICE TO: (IF DIFFERENT FROM ABOVE) See SSOW
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

SPECIAL INSTRUCTIONS/COMMENTS: See SSOW

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

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

3785 Presidential Parkway, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1202443

Date: 2/3/12 Page 2 of 2

COMPANY	ADDRESS
CRA	3015 Breckenridge Blvd. Ste 410 Duluth, GA 30096
PHONE: 770-441-0027	FAX: 770-441-2050
SAMPLED BY: Steven Grace	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TCL VOCs	TCL VOCs (Hold)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	S-020312-BCW-067	2/3/12	1515	X		SO	X				4
2	" " " -068	↓	1510	X		SO		X			4
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											

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

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Ben C. Welch	2/3/12 16:30	1: MJ	2/3/12 4:30
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Arivec

PROJECT #: 35029

SITE ADDRESS: Douglasville, GA

SEND REPORT TO: See SSOW

INVOICE TO: (IF DIFFERENT FROM ABOVE) See SSOW

QUOTE #: PO#:

SPECIAL INSTRUCTIONS/COMMENTS: See SSOW

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

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

Analytical Environmental Services, Inc

Date: 15-Feb-12

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1202443

Case Narrative

Sample Receipt Nonconformance:

The vials submitted for sample 1202443-014 were labeled as "S-020312-BCW-065" but had a collection date and time of 2/3/2012 at 3:00PM. The sample was logged in according to the Chain of Custody.

Volatiles Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 1202443-002, -004 & -012 required dilution during analysis resulting in elevated reporting limits.

1,1-Dichloroethene, Freon-113, Isopropylbenzene, Methylcyclohexane & Toluene value for sample 1202443-001 is "E" qualified indicating an estimated value over linear calibration range. Sample was diluted and reanalyzed with analytes being below reporting limit.

Acetone value for sample 1202443-009 is "E" qualified indicating an estimated value over linear calibration range. Sample was diluted and reanalyzed with analytes being below reporting limit.

Percent recovery for the internal standard compound 1,4 Dichlorobenzene-d4 on sample 1202443-013A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits

Analytical Environmental Services, Inc

Date: 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-053
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:15:00 AM
Lab ID:	1202443-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Chloromethane	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Vinyl chloride	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Bromomethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Chloroethane	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,1-Dichloroethene	260	4.5	E	ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Acetone	100	90		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Freon-113	230	9.0	E	ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Carbon disulfide	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Methyl acetate	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Methylene chloride	BRL	18		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
trans-1,2-Dichloroethene	42	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,1-Dichloroethane	150	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
cis-1,2-Dichloroethene	1200	260		ug/Kg-dry	157696	50	02/10/2012 12:30	SB
2-Butanone	BRL	45		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Chloroform	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,1,1-Trichloroethane	260	260		ug/Kg-dry	157696	50	02/10/2012 12:30	SB
Cyclohexane	130	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Benzene	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Trichloroethene	390	260		ug/Kg-dry	157696	50	02/10/2012 12:30	SB
Methylcyclohexane	570	4.5	E	ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Bromodichloromethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Toluene	8600	4.5	E	ug/Kg-dry	157638	1	02/10/2012 14:13	JE
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
2-Hexanone	BRL	9.0		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Tetrachloroethene	3100	260		ug/Kg-dry	157696	50	02/10/2012 12:30	SB
Dibromochloromethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Chlorobenzene	27	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Ethylbenzene	390	260		ug/Kg-dry	157696	50	02/10/2012 12:30	SB
Styrene	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Bromoform	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-053
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:15:00 AM
Lab ID:	1202443-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Isopropylbenzene	330	4.5	E	ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,3-Dichlorobenzene	5.1	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,4-Dichlorobenzene	12	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,2-Dichlorobenzene	68	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
1,2,4-Trichlorobenzene	48	4.5		ug/Kg-dry	157638	1	02/10/2012 14:13	JE
Xylenes, Total	2300	260		ug/Kg-dry	157696	50	02/10/2012 12:30	SB
Surr: 4-Bromofluorobenzene	96.5	56.5-134		%REC	157696	50	02/10/2012 12:30	SB
Surr: 4-Bromofluorobenzene	98.6	56.5-134		%REC	157638	1	02/10/2012 14:13	JE
Surr: Dibromofluoromethane	97.6	71.8-135		%REC	157696	50	02/10/2012 12:30	SB
Surr: Dibromofluoromethane	118	71.8-135		%REC	157638	1	02/10/2012 14:13	JE
Surr: Toluene-d8	102	77.1-117		%REC	157696	50	02/10/2012 12:30	SB
Surr: Toluene-d8	113	77.1-117		%REC	157638	1	02/10/2012 14:13	JE
PERCENT MOISTURE D2216								
Percent Moisture	28.0	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-054
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:25:00 AM
Lab ID:	1202443-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	9400		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Dichlorodifluoromethane	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Chloromethane	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Vinyl chloride	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Bromomethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Chloroethane	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Trichlorofluoromethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,1-Dichloroethene	1000	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Acetone	BRL	6300		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Freon-113	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Carbon disulfide	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Methyl acetate	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Methylene chloride	BRL	1300		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Methyl tert-butyl ether	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
trans-1,2-Dichloroethene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,1-Dichloroethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
cis-1,2-Dichloroethene	11000	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
2-Butanone	BRL	3100		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Chloroform	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,1,1-Trichloroethane	24000	6300		ug/Kg-dry	157696	1000	02/10/2012 18:11	SB
Cyclohexane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Carbon tetrachloride	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Benzene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,2-Dichloroethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Trichloroethene	35000	6300		ug/Kg-dry	157696	1000	02/10/2012 18:11	SB
Methylcyclohexane	3800	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,2-Dichloropropane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Bromodichloromethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
cis-1,3-Dichloropropene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
4-Methyl-2-pentanone	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Toluene	230000	6300		ug/Kg-dry	157696	1000	02/10/2012 18:11	SB
trans-1,3-Dichloropropene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,1,2-Trichloroethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
2-Hexanone	BRL	630		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Tetrachloroethene	360000	63000		ug/Kg-dry	157696	10000	02/10/2012 19:08	SB
Dibromochloromethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,2-Dibromoethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Chlorobenzene	370	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Ethylbenzene	57000	6300		ug/Kg-dry	157696	1000	02/10/2012 18:11	SB
Styrene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Bromoform	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-054
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:25:00 AM
Lab ID:	1202443-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Isopropylbenzene	2600	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,3-Dichlorobenzene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,4-Dichlorobenzene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,2-Dichlorobenzene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,2-Dibromo-3-chloropropane	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
1,2,4-Trichlorobenzene	BRL	310		ug/Kg-dry	157696	50	02/10/2012 14:23	SB
Xylenes, Total	300000	6300		ug/Kg-dry	157696	1000	02/10/2012 18:11	SB
Surr: 4-Bromofluorobenzene	112	56.5-134		%REC	157696	50	02/10/2012 14:23	SB
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157696	10000	02/10/2012 19:08	SB
Surr: 4-Bromofluorobenzene	102	56.5-134		%REC	157696	1000	02/10/2012 18:11	SB
Surr: Dibromofluoromethane	98.2	71.8-135		%REC	157696	50	02/10/2012 14:23	SB
Surr: Dibromofluoromethane	97.4	71.8-135		%REC	157696	10000	02/10/2012 19:08	SB
Surr: Dibromofluoromethane	99.8	71.8-135		%REC	157696	1000	02/10/2012 18:11	SB
Surr: Toluene-d8	99	77.1-117		%REC	157696	50	02/10/2012 14:23	SB
Surr: Toluene-d8	96.6	77.1-117		%REC	157696	10000	02/10/2012 19:08	SB
Surr: Toluene-d8	99.8	77.1-117		%REC	157696	1000	02/10/2012 18:11	SB
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.120		mg/Kg-dry	157506	1	02/07/2012 14:11	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Aroclor 1221	BRL	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Aroclor 1232	BRL	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Aroclor 1242	BRL	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Aroclor 1248	BRL	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Aroclor 1254	140	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Aroclor 1260	BRL	40		ug/Kg-dry	157559	1	02/10/2012 01:38	SN
Surr: Decachlorobiphenyl	101	35.2-148		%REC	157559	1	02/10/2012 01:38	SN
Surr: Tetrachloro-m-xylene	60	26.2-120		%REC	157559	1	02/10/2012 01:38	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.75		mg/Kg-dry	157469	1	02/06/2012 18:03	TA
Barium	26.9	5.75		mg/Kg-dry	157469	1	02/06/2012 18:03	TA
Cadmium	BRL	2.88		mg/Kg-dry	157469	1	02/06/2012 18:03	TA
Chromium	BRL	2.88		mg/Kg-dry	157469	1	02/06/2012 18:03	TA
Lead	6.02	5.75		mg/Kg-dry	157469	1	02/06/2012 18:03	TA
Selenium	BRL	5.75		mg/Kg-dry	157469	1	02/06/2012 18:03	TA
Silver	BRL	2.88		mg/Kg-dry	157469	1	02/06/2012 18:03	TA

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-054
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:25:00 AM
Lab ID:	1202443-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-055
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:30:00 AM
Lab ID:	1202443-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Chloromethane	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Vinyl chloride	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Bromomethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Chloroethane	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Acetone	BRL	75		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Freon-113	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Carbon disulfide	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Methyl acetate	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Methylene chloride	BRL	15		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,1-Dichloroethane	4.2	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
cis-1,2-Dichloroethene	28	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
2-Butanone	BRL	37		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Chloroform	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Cyclohexane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Benzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Trichloroethene	20	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Methylcyclohexane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Bromodichloromethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Toluene	4.7	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
2-Hexanone	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Tetrachloroethene	110	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Dibromochloromethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Chlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Ethylbenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Styrene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Bromoform	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-055
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:30:00 AM
Lab ID:	1202443-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Isopropylbenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Xylenes, Total	7.5	3.7		ug/Kg-dry	157697	1	02/09/2012 21:27	JE
Surr: 4-Bromofluorobenzene	106	56.5-134		%REC	157697	1	02/09/2012 21:27	JE
Surr: Dibromofluoromethane	105	71.8-135		%REC	157697	1	02/09/2012 21:27	JE
Surr: Toluene-d8	97.6	77.1-117		%REC	157697	1	02/09/2012 21:27	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.4	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-056
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:45:00 AM
Lab ID:	1202443-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	6000		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Dichlorodifluoromethane	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Chloromethane	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Vinyl chloride	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Bromomethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Chloroethane	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Trichlorofluoromethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,1-Dichloroethene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Acetone	BRL	4000		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Freon-113	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Carbon disulfide	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Methyl acetate	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Methylene chloride	BRL	800		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Methyl tert-butyl ether	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
trans-1,2-Dichloroethene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,1-Dichloroethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
cis-1,2-Dichloroethene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
2-Butanone	BRL	2000		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Chloroform	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,1,1-Trichloroethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Cyclohexane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Carbon tetrachloride	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Benzene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,2-Dichloroethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Trichloroethene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Methylcyclohexane	21000	2000		ug/Kg-dry	157696	500	02/10/2012 17:23	MR
1,2-Dichloropropane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Bromodichloromethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
cis-1,3-Dichloropropene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
4-Methyl-2-pentanone	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Toluene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
trans-1,3-Dichloropropene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,1,2-Trichloroethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
2-Hexanone	BRL	400		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Tetrachloroethene	280	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Dibromochloromethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,2-Dibromoethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Chlorobenzene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Ethylbenzene	3100	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Styrene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Bromoform	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-056
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:45:00 AM
Lab ID:	1202443-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Isopropylbenzene	1100	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,3-Dichlorobenzene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,4-Dichlorobenzene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,2-Dichlorobenzene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,2-Dibromo-3-chloropropane	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
1,2,4-Trichlorobenzene	BRL	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Xylenes, Total	1500	200		ug/Kg-dry	157696	50	02/10/2012 13:55	SB
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157696	500	02/10/2012 17:23	MR
Surr: 4-Bromofluorobenzene	190	56.5-134	S	%REC	157696	50	02/10/2012 13:55	SB
Surr: Dibromofluoromethane	96.4	71.8-135		%REC	157696	500	02/10/2012 17:23	MR
Surr: Dibromofluoromethane	102	71.8-135		%REC	157696	50	02/10/2012 13:55	SB
Surr: Toluene-d8	99.6	77.1-117		%REC	157696	50	02/10/2012 13:55	SB
Surr: Toluene-d8	100	77.1-117		%REC	157696	500	02/10/2012 17:23	MR
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.130		mg/Kg-dry	157506	1	02/07/2012 14:13	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Aroclor 1221	BRL	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Aroclor 1232	BRL	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Aroclor 1242	BRL	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Aroclor 1248	BRL	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Aroclor 1254	BRL	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Aroclor 1260	120	43		ug/Kg-dry	157559	1	02/10/2012 02:07	SN
Surr: Decachlorobiphenyl	66.3	35.2-148		%REC	157559	1	02/10/2012 02:07	SN
Surr: Tetrachloro-m-xylene	61.7	26.2-120		%REC	157559	1	02/10/2012 02:07	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.44		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
Barium	44.3	6.44		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
Cadmium	BRL	3.22		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
Chromium	5.35	3.22		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
Lead	34.8	6.44		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
Selenium	BRL	6.44		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
Silver	BRL	3.22		mg/Kg-dry	157469	1	02/06/2012 18:07	TA
PERCENT MOISTURE D2216								
Percent Moisture	23.2	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-057
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:10:00 AM
Lab ID:	1202443-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	420	130		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Chloromethane	BRL	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Vinyl chloride	30	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Bromomethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Chloroethane	BRL	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Acetone	BRL	89		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Freon-113	BRL	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Carbon disulfide	BRL	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Methyl acetate	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Methylene chloride	BRL	18		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,1-Dichloroethane	9.2	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
cis-1,2-Dichloroethene	1600	220		ug/Kg-dry	157696	50	02/10/2012 14:26	MR
2-Butanone	53	45		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Chloroform	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Cyclohexane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Benzene	7.3	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Trichloroethene	26	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Methylcyclohexane	11	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Bromodichloromethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
4-Methyl-2-pentanone	52	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Toluene	87	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
2-Hexanone	BRL	8.9		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Tetrachloroethene	13	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Dibromochloromethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Chlorobenzene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Ethylbenzene	24	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Styrene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Bromoform	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-057
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:10:00 AM
Lab ID:	1202443-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Isopropylbenzene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Xylenes, Total	110	4.5		ug/Kg-dry	157697	1	02/09/2012 21:52	JE
Surr: 4-Bromofluorobenzene	89.3	56.5-134		%REC	157696	50	02/10/2012 14:26	MR
Surr: 4-Bromofluorobenzene	107	56.5-134		%REC	157697	1	02/09/2012 21:52	JE
Surr: Dibromofluoromethane	96.4	71.8-135		%REC	157696	50	02/10/2012 14:26	MR
Surr: Dibromofluoromethane	98.9	71.8-135		%REC	157697	1	02/09/2012 21:52	JE
Surr: Toluene-d8	99.1	77.1-117		%REC	157696	50	02/10/2012 14:26	MR
Surr: Toluene-d8	99.8	77.1-117		%REC	157697	1	02/09/2012 21:52	JE
PERCENT MOISTURE D2216								
Percent Moisture	21.7	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-058
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:20:00 AM
Lab ID:	1202443-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Dichlorodifluoromethane	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Chloromethane	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Vinyl chloride	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Bromomethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Chloroethane	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Acetone	BRL	92		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Freon-113	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Carbon disulfide	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Methyl acetate	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Methylene chloride	BRL	18		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
cis-1,2-Dichloroethene	130	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
2-Butanone	BRL	46		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Chloroform	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Cyclohexane	100	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Benzene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Trichloroethene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Methylcyclohexane	4700	210		ug/Kg-dry	157696	50	02/10/2012 18:39	SB
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Bromodichloromethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
4-Methyl-2-pentanone	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Toluene	20	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
2-Hexanone	BRL	9.2		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Tetrachloroethene	18	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Dibromochloromethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Chlorobenzene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Ethylbenzene	2800	210		ug/Kg-dry	157696	50	02/10/2012 18:39	SB
Styrene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Bromoform	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-058
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:20:00 AM
Lab ID:	1202443-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Isopropylbenzene	1300	210		ug/Kg-dry	157696	50	02/10/2012 18:39	SB
1,3-Dichlorobenzene	6.8	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,4-Dichlorobenzene	29	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,2-Dichlorobenzene	100	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	157638	1	02/10/2012 17:10	JE
Xylenes, Total	8400	210		ug/Kg-dry	157696	50	02/10/2012 18:39	SB
Surr: 4-Bromofluorobenzene	152	56.5-134	S	%REC	157696	50	02/10/2012 18:39	SB
Surr: 4-Bromofluorobenzene	79.2	56.5-134		%REC	157638	1	02/10/2012 17:10	JE
Surr: Dibromofluoromethane	84	71.8-135		%REC	157696	50	02/10/2012 18:39	SB
Surr: Dibromofluoromethane	89.8	71.8-135		%REC	157638	1	02/10/2012 17:10	JE
Surr: Toluene-d8	97.8	77.1-117		%REC	157696	50	02/10/2012 18:39	SB
Surr: Toluene-d8	111	77.1-117		%REC	157638	1	02/10/2012 17:10	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.115		mg/Kg-dry	157506	1	02/07/2012 14:19	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Aroclor 1221	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Aroclor 1232	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Aroclor 1242	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Aroclor 1248	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Aroclor 1254	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Aroclor 1260	BRL	39		ug/Kg-dry	157559	1	02/10/2012 02:37	SN
Surr: Decachlorobiphenyl	61.5	35.2-148		%REC	157559	1	02/10/2012 02:37	SN
Surr: Tetrachloro-m-xylene	81.3	26.2-120		%REC	157559	1	02/10/2012 02:37	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.77		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
Barium	49.8	5.77		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
Cadmium	BRL	2.89		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
Chromium	BRL	2.89		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
Lead	12.8	5.77		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
Selenium	BRL	5.77		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
Silver	BRL	2.89		mg/Kg-dry	157469	1	02/06/2012 18:11	TA
PERCENT MOISTURE D2216								
Percent Moisture	15.6	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-059
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:30:00 AM
Lab ID:	1202443-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Chloromethane	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Vinyl chloride	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Bromomethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Chloroethane	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Acetone	BRL	76		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Freon-113	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Carbon disulfide	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Methyl acetate	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Methylene chloride	BRL	15		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
cis-1,2-Dichloroethene	16	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
2-Butanone	BRL	38		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Chloroform	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,1,1-Trichloroethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Cyclohexane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Benzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Trichloroethene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Methylcyclohexane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Bromodichloromethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Toluene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
2-Hexanone	BRL	7.6		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Tetrachloroethene	45	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Dibromochloromethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Chlorobenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Ethylbenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Styrene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Bromoform	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-059
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:30:00 AM
Lab ID:	1202443-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Isopropylbenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Xylenes, Total	5.4	3.8		ug/Kg-dry	157697	1	02/09/2012 22:17	JE
Surr: 4-Bromofluorobenzene	106	56.5-134		%REC	157697	1	02/09/2012 22:17	JE
Surr: Dibromofluoromethane	101	71.8-135		%REC	157697	1	02/09/2012 22:17	JE
Surr: Toluene-d8	97.2	77.1-117		%REC	157697	1	02/09/2012 22:17	JE
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-060
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:45:00 AM
Lab ID:	1202443-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	150	120		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Dichlorodifluoromethane	BRL	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Chloromethane	BRL	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Vinyl chloride	17	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Bromomethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Chloroethane	BRL	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,1-Dichloroethene	4.9	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Acetone	1200	740		ug/Kg-dry	157696	50	02/10/2012 13:36	MR
Freon-113	BRL	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Carbon disulfide	BRL	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Methyl acetate	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Methylene chloride	BRL	16		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,1-Dichloroethane	25	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
cis-1,2-Dichloroethene	3500	180		ug/Kg-dry	157696	50	02/10/2012 13:36	MR
2-Butanone	640	370		ug/Kg-dry	157696	50	02/10/2012 13:36	MR
Chloroform	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,1,1-Trichloroethane	12	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Cyclohexane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Benzene	18	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Trichloroethene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Methylcyclohexane	15	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Bromodichloromethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
4-Methyl-2-pentanone	210	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Toluene	900	180		ug/Kg-dry	157696	50	02/10/2012 13:36	MR
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
2-Hexanone	BRL	8.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Tetrachloroethene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Dibromochloromethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Chlorobenzene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Ethylbenzene	20	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Styrene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Bromoform	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE

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
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- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-060
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:45:00 AM
Lab ID:	1202443-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Isopropylbenzene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Xylenes, Total	120	4.0		ug/Kg-dry	157697	1	02/09/2012 22:42	JE
Surr: 4-Bromofluorobenzene	89.5	56.5-134		%REC	157696	50	02/10/2012 13:36	MR
Surr: 4-Bromofluorobenzene	106	56.5-134		%REC	157697	1	02/09/2012 22:42	JE
Surr: Dibromofluoromethane	96	71.8-135		%REC	157696	50	02/10/2012 13:36	MR
Surr: Dibromofluoromethane	97.5	71.8-135		%REC	157697	1	02/09/2012 22:42	JE
Surr: Toluene-d8	98.7	77.1-117		%REC	157696	50	02/10/2012 13:36	MR
Surr: Toluene-d8	98.2	77.1-117		%REC	157697	1	02/09/2012 22:42	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.124		mg/Kg-dry	157506	1	02/07/2012 14:22	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Aroclor 1221	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Aroclor 1232	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Aroclor 1242	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Aroclor 1248	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Aroclor 1254	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Aroclor 1260	BRL	41		ug/Kg-dry	157559	1	02/10/2012 04:07	SN
Surr: Decachlorobiphenyl	62.9	35.2-148		%REC	157559	1	02/10/2012 04:07	SN
Surr: Tetrachloro-m-xylene	58.3	26.2-120		%REC	157559	1	02/10/2012 04:07	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.02		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
Barium	22.0	6.02		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
Cadmium	BRL	3.01		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
Chromium	BRL	3.01		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
Lead	8.13	6.02		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
Selenium	BRL	6.02		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
Silver	BRL	3.01		mg/Kg-dry	157469	1	02/06/2012 18:25	TA
PERCENT MOISTURE D2216								
Percent Moisture	19.7	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-061
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:15:00 AM
Lab ID:	1202443-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Chloromethane	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Vinyl chloride	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Bromomethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Chloroethane	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Acetone	340	75	E	ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Freon-113	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Carbon disulfide	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Methyl acetate	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Methylene chloride	BRL	15		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,1-Dichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
cis-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
2-Butanone	64	37		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Chloroform	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Cyclohexane	18	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Benzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Trichloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Methylcyclohexane	45	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Bromodichloromethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
4-Methyl-2-pentanone	17	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Toluene	4.1	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
2-Hexanone	BRL	7.5		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Tetrachloroethene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Dibromochloromethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Chlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Ethylbenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Styrene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Bromoform	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-061
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:15:00 AM
Lab ID:	1202443-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Isopropylbenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Xylenes, Total	BRL	3.7		ug/Kg-dry	157697	1	02/09/2012 23:07	JE
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157697	1	02/09/2012 23:07	JE
Surr: Dibromofluoromethane	91.7	71.8-135		%REC	157697	1	02/09/2012 23:07	JE
Surr: Toluene-d8	96.2	77.1-117		%REC	157697	1	02/09/2012 23:07	JE
PERCENT MOISTURE D2216								
Percent Moisture	7.96	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-062
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:25:00 AM
Lab ID:	1202443-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Dichlorodifluoromethane	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Chloromethane	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Vinyl chloride	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Bromomethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Chloroethane	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Acetone	BRL	83		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Freon-113	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Carbon disulfide	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Methyl acetate	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Methylene chloride	BRL	17		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
2-Butanone	BRL	42		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Chloroform	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Cyclohexane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Benzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Trichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Methylcyclohexane	8.8	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Bromodichloromethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
4-Methyl-2-pentanone	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Toluene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
2-Hexanone	BRL	8.3		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Tetrachloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Dibromochloromethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Chlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Ethylbenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Styrene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Bromoform	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-062
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:25:00 AM
Lab ID:	1202443-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Isopropylbenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Xylenes, Total	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 13:18	JE
Surr: 4-Bromofluorobenzene	106	56.5-134		%REC	157697	1	02/10/2012 13:18	JE
Surr: Dibromofluoromethane	102	71.8-135		%REC	157697	1	02/10/2012 13:18	JE
Surr: Toluene-d8	97	77.1-117		%REC	157697	1	02/10/2012 13:18	JE
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.117		mg/Kg-dry	157506	1	02/07/2012 14:24	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Aroclor 1221	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Aroclor 1232	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Aroclor 1242	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Aroclor 1248	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Aroclor 1254	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Aroclor 1260	BRL	39		ug/Kg-dry	157559	1	02/10/2012 04:37	SN
Surr: Decachlorobiphenyl	101	35.2-148		%REC	157559	1	02/10/2012 04:37	SN
Surr: Tetrachloro-m-xylene	62.6	26.2-120		%REC	157559	1	02/10/2012 04:37	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.79		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
Barium	34.4	5.79		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
Cadmium	BRL	2.90		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
Chromium	9.08	2.90		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
Lead	10.3	5.79		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
Selenium	BRL	5.79		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
Silver	BRL	2.90		mg/Kg-dry	157469	1	02/06/2012 18:29	TA
PERCENT MOISTURE D2216								
Percent Moisture	14.6	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-063
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:45:00 AM
Lab ID:	1202443-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Dichlorodifluoromethane	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Chloromethane	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Vinyl chloride	70	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Bromomethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Chloroethane	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Acetone	BRL	78		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Freon-113	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Carbon disulfide	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Methyl acetate	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Methylene chloride	BRL	16		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
cis-1,2-Dichloroethene	460	170		ug/Kg-dry	157696	50	02/10/2012 14:01	MR
2-Butanone	BRL	39		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Chloroform	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Cyclohexane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Benzene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Trichloroethene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Methylcyclohexane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Bromodichloromethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
4-Methyl-2-pentanone	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Toluene	2200	170		ug/Kg-dry	157696	50	02/10/2012 14:01	MR
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
2-Hexanone	BRL	7.8		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Tetrachloroethene	11	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Dibromochloromethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Chlorobenzene	12	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Ethylbenzene	21	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Styrene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Bromoform	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-063
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:45:00 AM
Lab ID:	1202443-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Isopropylbenzene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Xylenes, Total	150	3.9		ug/Kg-dry	157697	1	02/09/2012 23:57	JE
Surr: 4-Bromofluorobenzene	91.9	56.5-134		%REC	157696	50	02/10/2012 14:01	MR
Surr: 4-Bromofluorobenzene	99	56.5-134		%REC	157697	1	02/09/2012 23:57	JE
Surr: Dibromofluoromethane	97	71.8-135		%REC	157696	50	02/10/2012 14:01	MR
Surr: Dibromofluoromethane	98.6	71.8-135		%REC	157697	1	02/09/2012 23:57	JE
Surr: Toluene-d8	96.6	77.1-117		%REC	157696	50	02/10/2012 14:01	MR
Surr: Toluene-d8	95	77.1-117		%REC	157697	1	02/09/2012 23:57	JE
PERCENT MOISTURE D2216								
Percent Moisture	18.2	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-064
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:50:00 AM
Lab ID:	1202443-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	640000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Dichlorodifluoromethane	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Chloromethane	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Vinyl chloride	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Bromomethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Chloroethane	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Trichlorofluoromethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,1-Dichloroethene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Acetone	BRL	430000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Freon-113	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Carbon disulfide	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Methyl acetate	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Methylene chloride	270000	85000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Methyl tert-butyl ether	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
trans-1,2-Dichloroethene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,1-Dichloroethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
cis-1,2-Dichloroethene	170000	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
2-Butanone	1000000	210000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Chloroform	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,1,1-Trichloroethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Cyclohexane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Carbon tetrachloride	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Benzene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,2-Dichloroethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Trichloroethene	4900000	210000		ug/Kg-dry	157696	50000	02/10/2012 17:42	SB
Methylcyclohexane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,2-Dichloropropane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Bromodichloromethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
cis-1,3-Dichloropropene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
4-Methyl-2-pentanone	1100000	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Toluene	2100000	210000		ug/Kg-dry	157696	50000	02/10/2012 17:42	SB
trans-1,3-Dichloropropene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,1,2-Trichloroethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
2-Hexanone	BRL	43000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Tetrachloroethene	830000	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Dibromochloromethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,2-Dibromoethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Chlorobenzene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Ethylbenzene	290000	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Styrene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Bromoform	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-064
Project Name:	Arivec	**Collection Date:**	2/3/2012 10:50:00 AM
Lab ID:	1202443-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Isopropylbenzene	22000	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,3-Dichlorobenzene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,4-Dichlorobenzene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,2-Dichlorobenzene	83000	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,2-Dibromo-3-chloropropane	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
1,2,4-Trichlorobenzene	BRL	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Xylenes, Total	2000000	21000		ug/Kg-dry	157696	5000	02/10/2012 12:58	SB
Surr: 4-Bromofluorobenzene	105	56.5-134		%REC	157696	50000	02/10/2012 17:42	SB
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	157696	5000	02/10/2012 12:58	SB
Surr: Dibromofluoromethane	102	71.8-135		%REC	157696	50000	02/10/2012 17:42	SB
Surr: Dibromofluoromethane	98.5	71.8-135		%REC	157696	5000	02/10/2012 12:58	SB
Surr: Toluene-d8	98.6	77.1-117		%REC	157696	50000	02/10/2012 17:42	SB
Surr: Toluene-d8	101	77.1-117		%REC	157696	5000	02/10/2012 12:58	SB
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	0.676	0.124		mg/Kg-dry	157506	1	02/07/2012 19:30	MW
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3550C)**				
Aroclor 1016	BRL	42		ug/Kg-dry	157559	1	02/10/2012 05:07	SN
Aroclor 1221	BRL	42		ug/Kg-dry	157559	1	02/10/2012 05:07	SN
Aroclor 1232	BRL	42		ug/Kg-dry	157559	1	02/10/2012 05:07	SN
Aroclor 1242	10000	2100		ug/Kg-dry	157559	50	02/10/2012 11:59	SN
Aroclor 1248	BRL	42		ug/Kg-dry	157559	1	02/10/2012 05:07	SN
Aroclor 1254	8100	2100		ug/Kg-dry	157559	50	02/10/2012 11:59	SN
Aroclor 1260	2300	2100		ug/Kg-dry	157559	50	02/10/2012 11:59	SN
Surr: Decachlorobiphenyl	150	35.2-148	S	%REC	157559	1	02/10/2012 05:07	SN
Surr: Tetrachloro-m-xylene	107	26.2-120		%REC	157559	1	02/10/2012 05:07	SN
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.27		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
Barium	42.9	6.27		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
Cadmium	22.1	3.14		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
Chromium	79.5	3.14		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
Lead	367	6.27		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
Selenium	BRL	6.27		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
Silver	BRL	3.14		mg/Kg-dry	157469	1	02/06/2012 18:33	TA
PERCENT MOISTURE D2216								
Percent Moisture	20.4	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-065
Project Name:	Arivec	**Collection Date:**	2/3/2012 1:15:00 PM
Lab ID:	1202443-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Dichlorodifluoromethane	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Chloromethane	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Vinyl chloride	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Bromomethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Chloroethane	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Acetone	120	93		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Freon-113	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Carbon disulfide	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Methyl acetate	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Methylene chloride	BRL	19		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
2-Butanone	BRL	46		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Chloroform	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Cyclohexane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Benzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Trichloroethene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Methylcyclohexane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Bromodichloromethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
4-Methyl-2-pentanone	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Toluene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
2-Hexanone	BRL	9.3		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Tetrachloroethene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Dibromochloromethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Chlorobenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Ethylbenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Styrene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Bromoform	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-065
Project Name:	Arivec	**Collection Date:**	2/3/2012 1:15:00 PM
Lab ID:	1202443-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Isopropylbenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Xylenes, Total	BRL	4.6		ug/Kg-dry	157697	1	02/10/2012 00:22	JE
Surr: 4-Bromofluorobenzene	79.1	56.5-134		%REC	157697	1	02/10/2012 00:22	JE
Surr: Dibromofluoromethane	96.3	71.8-135		%REC	157697	1	02/10/2012 00:22	JE
Surr: Toluene-d8	86.9	77.1-117		%REC	157697	1	02/10/2012 00:22	JE
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-066
Project Name:	Arivec	**Collection Date:**	2/3/2012 3:00:00 PM
Lab ID:	1202443-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Dichlorodifluoromethane	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Chloromethane	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Vinyl chloride	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Bromomethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Chloroethane	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Acetone	BRL	72		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Freon-113	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Carbon disulfide	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Methyl acetate	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Methylene chloride	BRL	14		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
2-Butanone	BRL	36		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Chloroform	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Cyclohexane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Benzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Trichloroethene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Methylcyclohexane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Bromodichloromethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
4-Methyl-2-pentanone	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Toluene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
2-Hexanone	BRL	7.2		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Tetrachloroethene	6.9	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Dibromochloromethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Chlorobenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Ethylbenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Styrene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Bromoform	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-066
Project Name:	Arivec	**Collection Date:**	2/3/2012 3:00:00 PM
Lab ID:	1202443-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Isopropylbenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Xylenes, Total	BRL	3.6		ug/Kg-dry	157697	1	02/10/2012 00:47	JE
Surr: 4-Bromofluorobenzene	99.3	56.5-134		%REC	157697	1	02/10/2012 00:47	JE
Surr: Dibromofluoromethane	101	71.8-135		%REC	157697	1	02/10/2012 00:47	JE
Surr: Toluene-d8	94.9	77.1-117		%REC	157697	1	02/10/2012 00:47	JE
PERCENT MOISTURE D2216								
Percent Moisture	19.1	0		wt%	R214882	1	02/09/2012 11:00	AS

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-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-067
Project Name:	Arivec	**Collection Date:**	2/3/2012 3:15:00 PM
Lab ID:	1202443-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Dichlorodifluoromethane	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Chloromethane	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Vinyl chloride	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Bromomethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Chloroethane	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Acetone	96	84		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Freon-113	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Carbon disulfide	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Methyl acetate	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Methylene chloride	BRL	17		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
2-Butanone	BRL	42		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Chloroform	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Cyclohexane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Benzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Trichloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Methylcyclohexane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Bromodichloromethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
4-Methyl-2-pentanone	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Toluene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
2-Hexanone	BRL	8.4		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Tetrachloroethene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Dibromochloromethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Chlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Ethylbenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Styrene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Bromoform	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE

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:** 15-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-067
Project Name:	Arivec	**Collection Date:**	2/3/2012 3:15:00 PM
Lab ID:	1202443-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Isopropylbenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Xylenes, Total	BRL	4.2		ug/Kg-dry	157697	1	02/10/2012 01:12	JE
Surr: 4-Bromofluorobenzene	97.6	56.5-134		%REC	157697	1	02/10/2012 01:12	JE
Surr: Dibromofluoromethane	94	71.8-135		%REC	157697	1	02/10/2012 01:12	JE
Surr: Toluene-d8	95	77.1-117		%REC	157697	1	02/10/2012 01:12	JE
PERCENT MOISTURE D2216								
Percent Moisture	21.4	0		wt%	R214882	1	02/09/2012 11:00	AS

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 CRA Work Order Number 1202443

Checklist completed by _____ 2/3/12
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.3° 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 X pn 2/4/12 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157469

Sample ID: **MB-157469** Client ID: Units: **mg/Kg** Prep Date: **02/06/2012** Run No: **214617**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157469** Analysis Date: **02/06/2012** Seq No: **4487735**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00	0	0	0	0	0	0	0	0	
Barium	BRL	5.00	0	0	0	0	0	0	0	0	
Cadmium	BRL	2.50	0	0	0	0	0	0	0	0	
Chromium	BRL	2.50	0	0	0	0	0	0	0	0	
Lead	BRL	5.00	0	0	0	0	0	0	0	0	
Selenium	BRL	5.00	0	0	0	0	0	0	0	0	
Silver	BRL	2.50	0	0	0	0	0	0	0	0	

Sample ID: **LCS-157469** Client ID: Units: **mg/Kg** Prep Date: **02/06/2012** Run No: **214617**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157469** Analysis Date: **02/06/2012** Seq No: **4487732**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	46.79	5.00	50	0	93.6	80	120	0	0	0	
Barium	48.45	5.00	50	0.2697	96.4	80	120	0	0	0	
Cadmium	46.49	2.50	50	0	93	80	120	0	0	0	
Chromium	48.93	2.50	50	0.1012	97.7	80	120	0	0	0	
Lead	46.55	5.00	50	0	93.1	80	120	0	0	0	
Selenium	42.16	5.00	50	0	84.3	80	120	0	0	0	
Silver	4.665	2.50	5	0	93.3	80	120	0	0	0	

Sample ID: **1202455-001AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **02/06/2012** Run No: **214617**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **157469** Analysis Date: **02/06/2012** Seq No: **4487739**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.76	5.63	56.32	5.710	71.1	75	125	0	0	0	S
Barium	57.29	5.63	56.32	22.75	61.3	75	125	0	0	0	S
Cadmium	46.60	2.82	56.32	0.07279	82.6	75	125	0	0	0	
Chromium	103.5	2.82	56.32	169.9	-118	75	125	0	0	0	S

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157469

Sample ID: **1202455-001AMS**	Client ID:			Units: **mg/Kg-dry**	Prep Date: **02/06/2012**	Run No: **214617**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010C**			BatchID: **157469**	Analysis Date: **02/06/2012**	Seq No: **4487739**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	76.47	5.63	56.32	48.48	49.7	75	125	0	0	0	S
Selenium	36.10	5.63	56.32	0	64.1	75	125	0	0	0	S
Silver	3.318	2.82	5.632	0	58.9	75	125	0	0	0	S

Sample ID: **1202455-001AMSD**	Client ID:			Units: **mg/Kg-dry**	Prep Date: **02/06/2012**	Run No: **214617**
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010C**			BatchID: **157469**	Analysis Date: **02/06/2012**	Seq No: **4487740**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.86	5.63	56.31	5.710	71.3	75	125	45.76	0.217	20	S
Barium	61.87	5.63	56.31	22.75	69.5	75	125	57.29	7.69	20	S
Cadmium	47.96	2.82	56.31	0.07279	85.1	75	125	46.60	2.89	20	
Chromium	189.6	2.82	56.31	169.9	35.1	75	125	103.5	58.8	20	SR
Lead	81.63	5.63	56.31	48.48	58.9	75	125	76.47	6.54	20	S
Selenium	37.36	5.63	56.31	0	66.3	75	125	36.10	3.42	20	S
Silver	BRL	2.82	5.631	0	18	75	125	3.318	0	20	S

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157506

Sample ID: **MB-157506**	Client ID:				Units: **mg/Kg**		Prep Date: **02/07/2012**		Run No: **214696**
SampleType: **MBLK**	TestCode: **TOTAL MERCURY SW7471B**				BatchID: **157506**		Analysis Date: **02/07/2012**		Seq No: **4489500**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-157506**	Client ID:				Units: **mg/Kg**		Prep Date: **02/07/2012**		Run No: **214696**
SampleType: **LCS**	TestCode: **TOTAL MERCURY SW7471B**				BatchID: **157506**		Analysis Date: **02/07/2012**		Seq No: **4489502**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3761	0.100	0.4	0	94	80	120	0	0	0	

Sample ID: **1202416-002CMS**	Client ID:				Units: **mg/Kg-dry**		Prep Date: **02/07/2012**		Run No: **214696**
SampleType: **MS**	TestCode: **TOTAL MERCURY SW7471B**				BatchID: **157506**		Analysis Date: **02/07/2012**		Seq No: **4489504**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4352	0.110	0.4412	0	98.6	70	130	0	0	0	

Sample ID: **1202416-002CMSD**	Client ID:				Units: **mg/Kg-dry**		Prep Date: **02/07/2012**		Run No: **214696**
SampleType: **MSD**	TestCode: **TOTAL MERCURY SW7471B**				BatchID: **157506**		Analysis Date: **02/07/2012**		Seq No: **4489505**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4347	0.110	0.4403	0	98.7	70	130	0.4352	0.121	30	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157559

Sample ID: **MB-157559** Client ID: Units: **ug/Kg** Prep Date: **02/08/2012** Run No: **214891**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157559** Analysis Date: **02/09/2012** Seq No: **4493875**

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	0	0	0	0	0	0	0	0	
Aroclor 1221	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1232	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1242	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1248	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1254	BRL	33	0	0	0	0	0	0	0	0	
Aroclor 1260	BRL	33	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	11.88	0	16.67	0	71.3	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	11.87	0	16.67	0	71.2	26.2	120	0	0	0	

Sample ID: **LCS-157559** Client ID: Units: **ug/Kg** Prep Date: **02/08/2012** Run No: **214891**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157559** Analysis Date: **02/09/2012** Seq No: **4493880**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	151.8	33	166.7	0	91.1	58.5	130	0	0	0	
Aroclor 1260	149.0	33	166.7	0	89.4	63.1	133	0	0	0	
Surr: Decachlorobiphenyl	11.74	0	16.67	0	70.4	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	12.52	0	16.67	0	75.1	26.2	120	0	0	0	

Sample ID: **1202443-006CMS** Client ID: **S-020312-BCW-058** Units: **ug/Kg-dry** Prep Date: **02/08/2012** Run No: **214891**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157559** Analysis Date: **02/10/2012** Seq No: **4494618**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	188.4	39	197.4	0	95.4	41.8	140	0	0	0	
Aroclor 1260	184.0	39	197.4	0	93.2	39.4	140	0	0	0	
Surr: Decachlorobiphenyl	12.98	0	19.74	0	65.8	35.2	148	0	0	0	
Surr: Tetrachloro-m-xylene	15.09	0	19.74	0	76.4	26.2	120	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157559

Sample ID: **1202443-006CMSD** Client ID: **S-020312-BCW-058** Units: **ug/Kg-dry** Prep Date: **02/08/2012** Run No: **214891**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **157559** Analysis Date: **02/10/2012** Seq No: **4494619**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	208.8	39	197.4	0	106	41.8	140	188.4	10.3	32.4	
Aroclor 1260	193.2	39	197.4	0	97.9	39.4	140	184.0	4.86	32.7	
Surr: Decachlorobiphenyl	13.32	0	19.74	0	67.5	35.2	148	12.98	0	0	
Surr: Tetrachloro-m-xylene	17.89	0	19.74	0	90.6	26.2	120	15.09	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157638

Sample ID: **MB-157638** Client ID: Units: **ug/Kg** Prep Date: **02/08/2012** Run No: **214810**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157638** Analysis Date: **02/08/2012** Seq No: **4492808**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157638

Sample ID: **MB-157638** Client ID: Units: **ug/Kg** Prep Date: **02/08/2012** Run No: **214810**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157638** Analysis Date: **02/08/2012** Seq No: **4492808**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	47.38	0	50	0	94.8	56.5	134	0	0	0	
Surr: Dibromofluoromethane	42.44	0	50	0	84.9	71.8	135	0	0	0	
Surr: Toluene-d8	45.02	0	50	0	90	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157638

Sample ID: **LCS-157638**	Client ID:		Units: **ug/Kg**	Prep Date: **02/08/2012**	Run No: **214810**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157638**	Analysis Date: **02/08/2012**	Seq No: **4492811**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.25	5.0	50	0	102	60	140	0	0	0	
Benzene	51.36	5.0	50	0	103	70	130	0	0	0	
Chlorobenzene	55.69	5.0	50	0	111	70	130	0	0	0	
Toluene	54.20	5.0	50	0	108	70	130	0	0	0	
Trichloroethene	58.94	5.0	50	0	118	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.34	0	50	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	46.30	0	50	0	92.6	71.8	135	0	0	0	
Surr: Toluene-d8	46.76	0	50	0	93.5	77.1	117	0	0	0	

Sample ID: **1202669-009AMS**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **02/08/2012**	Run No: **214810**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157638**	Analysis Date: **02/09/2012**	Seq No: **4492842**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.41	5.8	57.91	0	94	51	159	0	0	0	
Benzene	56.48	5.8	57.91	0	97.5	67.6	139	0	0	0	
Chlorobenzene	54.50	5.8	57.91	0	94.1	73.6	135	0	0	0	
Toluene	55.28	5.8	57.91	0	95.5	63.5	140	0	0	0	
Trichloroethene	57.56	5.8	57.91	0	99.4	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	60.73	0	57.91	0	105	56.5	134	0	0	0	
Surr: Dibromofluoromethane	56.81	0	57.91	0	98.1	71.8	135	0	0	0	
Surr: Toluene-d8	58.62	0	57.91	0	101	77.1	117	0	0	0	

Sample ID: **1202669-009AMSD**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **02/08/2012**	Run No: **214810**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157638**	Analysis Date: **02/09/2012**	Seq No: **4492844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.63	5.8	57.91	0	99.5	51	159	54.41	5.75	25.7	
Benzene	60.89	5.8	57.91	0	105	67.6	139	56.48	7.52	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157638

Sample ID: **1202669-009AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **02/08/2012** Run No: **214810**
BatchID: **157638** Analysis Date: **02/09/2012** Seq No: **4492844**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	58.75	5.8	57.91	0	101	73.6	135	54.50	7.51	18.5	
Toluene	60.62	5.8	57.91	0	105	63.5	140	55.28	9.21	18.8	
Trichloroethene	62.08	5.8	57.91	0	107	67.6	145	57.56	7.55	20.7	
Surr: 4-Bromofluorobenzene	61.10	0	57.91	0	106	56.5	134	60.73	0	0	
Surr: Dibromofluoromethane	57.44	0	57.91	0	99.2	71.8	135	56.81	0	0	
Surr: Toluene-d8	59.86	0	57.91	0	103	77.1	117	58.62	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157696

Sample ID: **MB-157696** Client ID: Units: **ug/Kg** Prep Date: **02/10/2012** Run No: **214947**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157696** Analysis Date: **02/10/2012** Seq No: **4495271**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157696

Sample ID: **MB-157696** Client ID: Units: **ug/Kg** Prep Date: **02/10/2012** Run No: **214947**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157696** Analysis Date: **02/10/2012** Seq No: **4495271**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	49.07	0	50	0	98.1	56.5	134	0	0	0	
Surr: Dibromofluoromethane	51.24	0	50	0	102	71.8	135	0	0	0	
Surr: Toluene-d8	49.56	0	50	0	99.1	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157696

Sample ID: **LCS-157696**	Client ID:		Units: **ug/Kg**	Prep Date: **02/10/2012**	Run No: **214947**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157696**	Analysis Date: **02/10/2012**	Seq No: **4495274**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.87	5.0	50	0	104	60	140	0	0	0	
Benzene	47.74	5.0	50	0	95.5	70	130	0	0	0	
Chlorobenzene	47.22	5.0	50	0	94.4	70	130	0	0	0	
Toluene	45.93	5.0	50	0	91.9	70	130	0	0	0	
Trichloroethene	46.01	5.0	50	0	92	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.96	0	50	0	102	56.5	134	0	0	0	
Surr: Dibromofluoromethane	53.79	0	50	0	108	71.8	135	0	0	0	
Surr: Toluene-d8	50.59	0	50	0	101	77.1	117	0	0	0	

Sample ID: **1202443-009AMS**	Client ID: **S-020312-BCW-061**		Units: **ug/Kg-dry**	Prep Date: **02/10/2012**	Run No: **214947**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157696**	Analysis Date: **02/10/2012**	Seq No: **4495678**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2091	220	2170	0	96.4	51	159	0	0	0	
Benzene	2182	220	2170	0	101	67.6	139	0	0	0	
Chlorobenzene	2170	220	2170	0	100	73.6	135	0	0	0	
Toluene	2208	220	2170	154.0	94.7	63.5	140	0	0	0	
Trichloroethene	2403	220	2170	89.82	107	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	2185	0	2170	0	101	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2177	0	2170	0	100	71.8	135	0	0	0	
Surr: Toluene-d8	2158	0	2170	0	99.5	77.1	117	0	0	0	

Sample ID: **1202443-009AMSD**	Client ID: **S-020312-BCW-061**		Units: **ug/Kg-dry**	Prep Date: **02/10/2012**	Run No: **214947**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157696**	Analysis Date: **02/10/2012**	Seq No: **4495681**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1883	220	2170	0	86.8	51	159	2091	10.5	25.7	
Benzene	2079	220	2170	0	95.8	67.6	139	2182	4.85	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157696

Sample ID: **1202443-009AMSD** Client ID: **S-020312-BCW-061** Units: **ug/Kg-dry** Prep Date: **02/10/2012** Run No: **214947**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157696** Analysis Date: **02/10/2012** Seq No: **4495681**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2046	220	2170	0	94.3	73.6	135	2170	5.89	18.5	
Toluene	2120	220	2170	154.0	90.6	63.5	140	2208	4.07	18.8	
Trichloroethene	2292	220	2170	89.82	102	67.6	145	2403	4.71	20.7	
Surr: 4-Bromofluorobenzene	2130	0	2170	0	98.2	56.5	134	2185	0	0	
Surr: Dibromofluoromethane	2138	0	2170	0	98.6	71.8	135	2177	0	0	
Surr: Toluene-d8	2184	0	2170	0	101	77.1	117	2158	0	0	

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157697

Sample ID: **MB-157697** Client ID: Units: **ug/Kg** Prep Date: **02/09/2012** Run No: **214956**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157697** Analysis Date: **02/09/2012** Seq No: **4495326**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157697

Sample ID: **MB-157697** Client ID: Units: **ug/Kg** Prep Date: **02/09/2012** Run No: **214956**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157697** Analysis Date: **02/09/2012** Seq No: **4495326**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	49.55	0	50	0	99.1	56.5	134	0	0	0	
Surr: Dibromofluoromethane	50.26	0	50	0	101	71.8	135	0	0	0	
Surr: Toluene-d8	47.88	0	50	0	95.8	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157697

Sample ID: **LCS-157697**	Client ID:		Units: **ug/Kg**	Prep Date: **02/09/2012**	Run No: **214956**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157697**	Analysis Date: **02/09/2012**	Seq No: **4495327**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	59.64	5.0	50	0	119	60	140	0	0	0	
Benzene	58.94	5.0	50	0	118	70	130	0	0	0	
Chlorobenzene	55.76	5.0	50	0	112	70	130	0	0	0	
Toluene	58.55	5.0	50	0	117	70	130	0	0	0	
Trichloroethene	60.10	5.0	50	0	120	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	51.88	0	50	0	104	56.5	134	0	0	0	
Surr: Dibromofluoromethane	49.59	0	50	0	99.2	71.8	135	0	0	0	
Surr: Toluene-d8	52.61	0	50	0	105	77.1	117	0	0	0	

Sample ID: **1202443-014AMS**	Client ID: **S-020312-BCW-066**		Units: **ug/Kg-dry**	Prep Date: **02/09/2012**	Run No: **214956**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157697**	Analysis Date: **02/09/2012**	Seq No: **4495328**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	66.51	6.2	61.83	0	108	51	159	0	0	0	
Benzene	68.85	6.2	61.83	0	111	67.6	139	0	0	0	
Chlorobenzene	64.98	6.2	61.83	0	105	73.6	135	0	0	0	
Toluene	71.13	6.2	61.83	0	115	63.5	140	0	0	0	
Trichloroethene	70.40	6.2	61.83	0	114	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	65.19	0	61.83	0	105	56.5	134	0	0	0	
Surr: Dibromofluoromethane	60.94	0	61.83	0	98.6	71.8	135	0	0	0	
Surr: Toluene-d8	63.49	0	61.83	0	103	77.1	117	0	0	0	

Sample ID: **1202443-014AMSD**	Client ID: **S-020312-BCW-066**		Units: **ug/Kg-dry**	Prep Date: **02/09/2012**	Run No: **214956**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **157697**	Analysis Date: **02/09/2012**	Seq No: **4495329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	67.91	6.2	61.83	0	110	51	159	66.51	2.08	25.7	
Benzene	68.00	6.2	61.83	0	110	67.6	139	68.85	1.23	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202443

ANALYTICAL QC SUMMARY REPORT

BatchID: 157697

Sample ID: **1202443-014AMSD** Client ID: **S-020312-BCW-066** Units: **ug/Kg-dry** Prep Date: **02/09/2012** Run No: **214956**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **157697** Analysis Date: **02/09/2012** Seq No: **4495329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	66.05	6.2	61.83	0	107	73.6	135	64.98	1.64	18.5	
Toluene	69.64	6.2	61.83	0	113	63.5	140	71.13	2.13	18.8	
Trichloroethene	68.05	6.2	61.83	0	110	67.6	145	70.40	3.39	20.7	
Surr: 4-Bromofluorobenzene	65.10	0	61.83	0	105	56.5	134	65.19	0	0	
Surr: Dibromofluoromethane	63.55	0	61.83	0	103	71.8	135	60.94	0	0	
Surr: Toluene-d8	64.51	0	61.83	0	104	77.1	117	63.49	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.

February 17, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1201K61

Analytical Environmental Services, Inc. received 3 samples on 1/27/2012 4:30:00 PM 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CKKanhai

Chantelle Kanhai
Project Manager

CHAIN OF CUSTODY RECORD

1201K61

CONESTOGA-ROVERS & ASSOCIATES
Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta

REFERENCE NUMBER: 35029 Arivec

SAMPLER'S SIGNATURE: D. Byfield PRINTED NAME: David Boytowski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS HOLD	REMARKS
	1/25/12	8:45	S-012512-DJB-307	Soil	2	✓	HOLD For SPLP VOCs
		9:35	308		2	✓	
		10:15	309		2	✓	
		11:00	310		2	✓	
		11:40	311		2	✓	
		13:30	312		2	✓	
	1/25/12	16:30	S-012512-DJB 313		2	✓	
	1/26/12	8:50	S-012612-DJB-314		2	✓	
	1/26/12	10:50	S-012612-DJB-315	Soil	2	✓	

TOTAL NUMBER OF CONTAINERS: 18

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① D. Byfield	DATE: 1/27/12 TIME: 16:25	RECEIVED BY: ①	DATE: 1/27/12 4:30 TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

No. CRA 24264

1001 (D) APR 28/97(NF) REV. 0 (F-15)

Analytical Environmental Services, Inc

Date: 17-Feb-12

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1201K61

Case Narrative

Per Mike Reinhardt on 2/8/2012 via email, samples "S-012512-DJB-309", "S-012512-DJB-312" and "S-012512-DJB-313" were taken off hold and analyzed for SPLP VOCs at standard turnaround time.

Analytical Environmental Services, Inc **Date:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-309
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:15:00 AM
Lab ID:	1201K61-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,1-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
1,4-Dioxane	BRL	150		ug/L	157691	1	02/10/2012 20:02	GK
2-Butanone	BRL	50		ug/L	157691	1	02/10/2012 20:02	GK
2-Hexanone	BRL	10		ug/L	157691	1	02/10/2012 20:02	GK
4-Methyl-2-pentanone	BRL	10		ug/L	157691	1	02/10/2012 20:02	GK
Acetone	BRL	50		ug/L	157691	1	02/10/2012 20:02	GK
Benzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Bromodichloromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Bromoform	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Bromomethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Carbon disulfide	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Carbon tetrachloride	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Chlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Chloroethane	BRL	10		ug/L	157691	1	02/10/2012 20:02	GK
Chloroform	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Chloromethane	BRL	10		ug/L	157691	1	02/10/2012 20:02	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Cyclohexane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Dibromochloromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Ethylbenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Freon-113	BRL	10		ug/L	157691	1	02/10/2012 20:02	GK
Isopropylbenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Methyl acetate	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Methylcyclohexane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Methylene chloride	13	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Styrene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-309
Project Name:	Arivec	**Collection Date:**	1/25/2012 10:15:00 AM
Lab ID:	1201K61-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Toluene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Trichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Vinyl chloride	BRL	2.0		ug/L	157691	1	02/10/2012 20:02	GK
Xylenes, Total	BRL	5.0		ug/L	157691	1	02/10/2012 20:02	GK
Surr: 4-Bromofluorobenzene	90.2	64.6-131		%REC	157691	1	02/10/2012 20:02	GK
Surr: Dibromofluoromethane	99.4	70.6-128		%REC	157691	1	02/10/2012 20:02	GK
Surr: Toluene-d8	92.7	70.5-116		%REC	157691	1	02/10/2012 20:02	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-312
Project Name:	Arivec	**Collection Date:**	1/25/2012 1:30:00 PM
Lab ID:	1201K61-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,1-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
1,4-Dioxane	BRL	150		ug/L	157691	1	02/10/2012 18:34	GK
2-Butanone	BRL	50		ug/L	157691	1	02/10/2012 18:34	GK
2-Hexanone	BRL	10		ug/L	157691	1	02/10/2012 18:34	GK
4-Methyl-2-pentanone	17	10		ug/L	157691	1	02/10/2012 18:34	GK
Acetone	BRL	50		ug/L	157691	1	02/10/2012 18:34	GK
Benzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Bromodichloromethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Bromoform	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Bromomethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Carbon disulfide	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Carbon tetrachloride	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Chlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Chloroethane	BRL	10		ug/L	157691	1	02/10/2012 18:34	GK
Chloroform	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Chloromethane	BRL	10		ug/L	157691	1	02/10/2012 18:34	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Cyclohexane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Dibromochloromethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Ethylbenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Freon-113	BRL	10		ug/L	157691	1	02/10/2012 18:34	GK
Isopropylbenzene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Methyl acetate	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Methylcyclohexane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Methylene chloride	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Styrene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-312
Project Name:	Arivec	**Collection Date:**	1/25/2012 1:30:00 PM
Lab ID:	1201K61-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Toluene	67	5.0		ug/L	157691	1	02/10/2012 18:34	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Trichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Vinyl chloride	BRL	2.0		ug/L	157691	1	02/10/2012 18:34	GK
Xylenes, Total	9.7	5.0		ug/L	157691	1	02/10/2012 18:34	GK
Surr: 4-Bromofluorobenzene	89.8	64.6-131		%REC	157691	1	02/10/2012 18:34	GK
Surr: Dibromofluoromethane	96.1	70.6-128		%REC	157691	1	02/10/2012 18:34	GK
Surr: Toluene-d8	96.1	70.5-116		%REC	157691	1	02/10/2012 18:34	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-313
Project Name:	Arivec	**Collection Date:**	1/25/2012 4:30:00 PM
Lab ID:	1201K61-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,1-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
1,4-Dioxane	BRL	150		ug/L	157691	1	02/10/2012 20:32	GK
2-Butanone	BRL	50		ug/L	157691	1	02/10/2012 20:32	GK
2-Hexanone	BRL	10		ug/L	157691	1	02/10/2012 20:32	GK
4-Methyl-2-pentanone	BRL	10		ug/L	157691	1	02/10/2012 20:32	GK
Acetone	BRL	50		ug/L	157691	1	02/10/2012 20:32	GK
Benzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Bromodichloromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Bromoform	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Bromomethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Carbon disulfide	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Carbon tetrachloride	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Chlorobenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Chloroethane	BRL	10		ug/L	157691	1	02/10/2012 20:32	GK
Chloroform	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Chloromethane	BRL	10		ug/L	157691	1	02/10/2012 20:32	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Cyclohexane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Dibromochloromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Ethylbenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Freon-113	BRL	10		ug/L	157691	1	02/10/2012 20:32	GK
Isopropylbenzene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Methyl acetate	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Methylcyclohexane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Methylene chloride	44	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Styrene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012512-DJB-313
Project Name:	Arivec	**Collection Date:**	1/25/2012 4:30:00 PM
Lab ID:	1201K61-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Toluene	6.3	5.0		ug/L	157691	1	02/10/2012 20:32	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Trichloroethene	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Vinyl chloride	BRL	2.0		ug/L	157691	1	02/10/2012 20:32	GK
Xylenes, Total	BRL	5.0		ug/L	157691	1	02/10/2012 20:32	GK
Surr: 4-Bromofluorobenzene	88.4	64.6-131		%REC	157691	1	02/10/2012 20:32	GK
Surr: Dibromofluoromethane	101	70.6-128		%REC	157691	1	02/10/2012 20:32	GK
Surr: Toluene-d8	91.9	70.5-116		%REC	157691	1	02/10/2012 20:32	GK

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 Conestoga-Rovers & Assoc Work Order Number 1201K61

Checklist completed by [signature] 01/27/2012
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? (4°C±2)* Yes ✓ No __

Cooler #1 4.0 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K61

ANALYTICAL QC SUMMARY REPORT

BatchID: 157691

Sample ID: **MB-157691** Client ID: Units: **ug/L** Prep Date: **02/10/2012** Run No: **214937**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157691** Analysis Date: **02/10/2012** Seq No: **4495193**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K61

ANALYTICAL QC SUMMARY REPORT

BatchID: 157691

Sample ID: **MB-157691** Client ID: Units: **ug/L** Prep Date: **02/10/2012** Run No: **214937**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157691** Analysis Date: **02/10/2012** Seq No: **4495193**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	42.32	0	50	0	84.6	64.6	131	0	0	0	
Surr: Dibromofluoromethane	52.16	0	50	0	104	70.6	128	0	0	0	
Surr: Toluene-d8	46.04	0	50	0	92.1	70.5	116	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K61

ANALYTICAL QC SUMMARY REPORT

BatchID: 157691

Sample ID: **LCS-157691** Client ID: Units: **ug/L** Prep Date: **02/10/2012** Run No: **214937**
SampleType: **LCS** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157691** Analysis Date: **02/10/2012** Seq No: **4495192**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.16	5.0	50	0	88.3	51.3	142	0	0	0	
Benzene	45.82	5.0	50	0	91.6	70.2	125	0	0	0	
Chlorobenzene	48.81	5.0	50	0	97.6	73.5	121	0	0	0	
Toluene	47.09	5.0	50	0	94.2	66	131	0	0	0	
Trichloroethene	50.26	5.0	50	0	101	63.6	129	0	0	0	
Surr: 4-Bromofluorobenzene	47.44	0	50	0	94.9	64.6	131	0	0	0	
Surr: Dibromofluoromethane	52.83	0	50	0	106	70.6	128	0	0	0	
Surr: Toluene-d8	49.83	0	50	0	99.7	70.5	116	0	0	0	

Sample ID: **1201K61-006AMS** Client ID: **S-012512-DJB-312** Units: **ug/L** Prep Date: **02/10/2012** Run No: **214937**
SampleType: **MS** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157691** Analysis Date: **02/10/2012** Seq No: **4496486**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	42.50	5.0	50	0	85	46.9	155	0	0	0	
Benzene	47.78	5.0	50	0	95.6	65.5	134	0	0	0	
Chlorobenzene	50.91	5.0	50	0	102	73	124	0	0	0	
Toluene	99.47	5.0	50	66.91	65.1	60	136	0	0	0	
Trichloroethene	55.73	5.0	50	0	111	66.2	140	0	0	0	
Surr: 4-Bromofluorobenzene	46.14	0	50	0	92.3	64.6	131	0	0	0	
Surr: Dibromofluoromethane	50.82	0	50	0	102	70.6	128	0	0	0	
Surr: Toluene-d8	48.81	0	50	0	97.6	70.5	116	0	0	0	

Sample ID: **1201K61-006AMSD** Client ID: **S-012512-DJB-312** Units: **ug/L** Prep Date: **02/10/2012** Run No: **214937**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157691** Analysis Date: **02/10/2012** Seq No: **4496487**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	41.78	5.0	50	0	83.6	46.9	155	42.50	1.71	15.8	
Benzene	46.19	5.0	50	0	92.4	65.5	134	47.78	3.38	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1201K61

ANALYTICAL QC SUMMARY REPORT

BatchID: 157691

Sample ID: **1201K61-006AMSD** Client ID: **S-012512-DJB-312** Units: **ug/L** Prep Date: **02/10/2012** Run No: **214937**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157691** Analysis Date: **02/10/2012** Seq No: **4496487**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	49.47	5.0	50	0	98.9	73	124	50.91	2.87	10	
Toluene	95.00	5.0	50	66.91	56.2	60	136	99.47	4.6	10	S
Trichloroethene	54.15	5.0	50	0	108	66.2	140	55.73	2.88	11	
Surr: 4-Bromofluorobenzene	46.29	0	50	0	92.6	64.6	131	46.14	0	0	
Surr: Dibromofluoromethane	50.27	0	50	0	101	70.6	128	50.82	0	0	
Surr: Toluene-d8	48.61	0	50	0	97.2	70.5	116	48.81	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.

February 17, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1202487

Analytical Environmental Services, Inc. received 4 samples on 1/25/2012 11:50:00 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CKKanhai

Chantelle Kanhai
Project Manager

1202487 (CR)
D011192

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta, GA

REFERENCE NUMBER: 035029 Arivec

SAMPLER'S SIGNATURE: D J Brytowski PRINTED NAME: David Brytowski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	TCL VOCs	1,4 Dioxane	SPLP VOCs	PCBs	RCRA 8 Metals	HOLD	REMARKS
	1/22/12	13:25	S-01 23 12-DJB-001	Soil	4	X	X					Standard TAT
	1/22/12	13:35	S-01 23 12-DJB-002	Soil	2			X				
	1/22/12	13:45	S-01 23 12-DJB-003	Soil	4	X	X					
	1/22/12	15:00	S-01 23 12-DJB-004	Soil	4	X	X					
	1/22/12	15:15	S-01 23 12-DJB-005	Soil	4	X	X					
	1/22/12	15:25	S-01 23 12-DJB-006	Soil	4	X	X					
	1/22/12	15:55	S-01 23 12-DJB-007	Soil	4	X	X					
	1/22/12	16:05	S-01 23 12-DJB-008	Soil	4	X	X					
	1/22/12	16:20	S-01 23 12-DJB-009	Soil	4	X	X					
	1/23/12	8:15	S-01 23 12-DJB-010	Soil	4	X	X					
	1/23/12	8:25	S-01 23 12-DJB-011	Soil	4	X	X					
	1/23/12	8:50	S-01 23 12-DJB-012	Soil	4	X	X					
	1/23/12	9:00	S-01 23 12-DJB-013	Soil	4	X	X					
	1/23/12	9:10	S-01 23 12-DJB-014	Soil	4	X	X					
	1/23/12	9:15	S-01 23 12-DJB-015	Soil	4	X	X					
	1/23/12	9:35	S-01 23 12-DJB-016	Soil	4	X	X					
	1/23/12	9:50	S-01 23 12-DJB-017	Soil	6	X	X		X	X		
TOTAL NUMBER OF CONTAINERS						HEALTH/CHEMICAL HAZARDS						

RELINQUISHED BY: ① D J Brytowski	DATE: 1/25/12 TIME: 10:30	RECEIVED BY: ① N.C	DATE: 1.25.12 TIME: 10-30
RELINQUISHED BY: ② N.C	DATE: 1.25.12 TIME: 11-50	RECEIVED BY: ② Mel C	DATE: 1-25-12 TIME: 1150
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

Nº CRA 24304

1001 (D) APR 28/97(NF) REV. 0 (F-15)

1202487@
~~1201192~~

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES — Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta, GA

REFERENCE NUMBER: 35029 Arivec

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: David Braunstein

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	TCL VOCs	+14 Dioxane	SPLP VOCs	PCBs	RCRA Metals	REMARKS
	1/23/12	10:45	S-012312-DJB-018	Soil	4	X	X				Standard TAT
	1/23/12	10:55	S-012312-DJB-019	Soil	6	X	X		X	X	
	1/23/12	11:30	S-012312-DJB-020	Soil	4	X	X				
	1/23/12	11:45	S-012312-DJB-021	Soil	6	X	X		X	X	
	1/23/12	13:30	S-012312-DJB-022	Soil	4	X	X				
	1/23/12	13:45	S-012312-DJB-023	Soil	6	X	X		X	X	
	1/23/12	14:30	S-012312-DJB-024	Soil	4	X	X				
	1/23/12	14:40	S-012312-DJB-025	Soil	6	X	X		X	X	
	1/23/12	15:00	S-012312-DJB-026	Soil	4	X	X				
	1/23/12	15:05	S-012312-DJB-027	Soil	2			X			
	1/23/12	16:00	S-012312-DJB-028	Soil	4	X	X				
	1/23/12	16:05	S-012312-DJB-029	Soil	6	X	X		X	X	

TOTAL NUMBER OF CONTAINERS

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① [signature]	DATE: 1/25/12 TIME: 10:30	RECEIVED BY: ① N-C	DATE: 1.25.12 TIME: 10-30 am
RELINQUISHED BY: ② N-C	DATE: 1.25.12 TIME: 11:50 A	RECEIVED BY: ② [signature]	DATE: 1.25.12 TIME: 1150
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

Nº CRA 24308

1001 (D) APR 28/97(NF) REV. 0 (F-15)

1202487 (a)
~~DOI1193~~

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Duluth, GA

SHIPPED TO (Laboratory Name): AES Atlanta, GA

REFERENCE NUMBER: 035029 Arivec

SAMPLER'S SIGNATURE: D. Bryt PRINTED NAME: David Brytowski

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS HOLD	REMARKS
	1/23/12	10:00	S-01 23/12-DJB-301	SOIL	2	X	Hold for SPLP VOCs
	1/23/12	11:00	S-01 23/12-DJB-302	Soil	2	X	
	1/23/12	11:55	S-01 23/12-DJB-303	Soil	2	X	
	1/23/12	14:00	S-01 23/12-DJB-304	Soil	2	X	
	1/23/12	14:50	S-01 23/12-DJB-305	Soil	2	X	
	1/23/12	16:15	S-01 23/12-DJB-306	Soil	2	X	

TOTAL NUMBER OF CONTAINERS: 12

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① D. Bryt	DATE: 1/25/12 TIME: 10:30	RECEIVED BY: ① N.C	DATE: 1.25.12 TIME: 10:30 am
RELINQUISHED BY: ② NC	DATE: 1.25.12 TIME: 11:50A	RECEIVED BY: ② Kate	DATE: 1.25.12 TIME: 1150
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM:

RECEIVED FOR LABORATORY BY:

DATE: TIME:

Nº CRA 24307

1001 (D) APR 28/97(NF) REV. 0 (F-15)

Analytical Environmental Services, Inc

Date: 17-Feb-12

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1202487

Case Narrative

At the client's request, samples "S-012312-DJB-006", "S-012412-DJB-013", "S-012412-DJB-302" and "S-012412-DJB-304" were analyzed for SPLP VOCs at standard turnaround time.

Analytical Environmental Services, Inc **Date:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-006
Project Name:	Arivec	**Collection Date:**	1/23/2012 3:25:00 PM
Lab ID:	1202487-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,1-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
1,4-Dioxane	BRL	150		ug/L	157535	1	02/07/2012 19:48	GK
2-Butanone	BRL	50		ug/L	157535	1	02/07/2012 19:48	GK
2-Hexanone	BRL	10		ug/L	157535	1	02/07/2012 19:48	GK
4-Methyl-2-pentanone	BRL	10		ug/L	157535	1	02/07/2012 19:48	GK
Acetone	BRL	50		ug/L	157535	1	02/07/2012 19:48	GK
Benzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Bromodichloromethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Bromoform	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Bromomethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Carbon disulfide	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Carbon tetrachloride	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Chlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Chloroethane	BRL	10		ug/L	157535	1	02/07/2012 19:48	GK
Chloroform	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Chloromethane	BRL	10		ug/L	157535	1	02/07/2012 19:48	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Cyclohexane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Dibromochloromethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Ethylbenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Freon-113	BRL	10		ug/L	157535	1	02/07/2012 19:48	GK
Isopropylbenzene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Methyl acetate	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Methylcyclohexane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Methylene chloride	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Styrene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012312-DJB-006
Project Name:	Arivec	**Collection Date:**	1/23/2012 3:25:00 PM
Lab ID:	1202487-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Toluene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Trichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Vinyl chloride	BRL	2.0		ug/L	157535	1	02/07/2012 19:48	GK
Xylenes, Total	BRL	5.0		ug/L	157535	1	02/07/2012 19:48	GK
Surr: 4-Bromofluorobenzene	85	64.6-131		%REC	157535	1	02/07/2012 19:48	GK
Surr: Dibromofluoromethane	98.3	70.6-128		%REC	157535	1	02/07/2012 19:48	GK
Surr: Toluene-d8	91.4	70.5-116		%REC	157535	1	02/07/2012 19:48	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-013
Project Name:	Arivec	**Collection Date:**	1/24/2012 9:00:00 AM
Lab ID:	1202487-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,1-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
1,4-Dioxane	BRL	150		ug/L	157535	1	02/07/2012 21:17	GK
2-Butanone	BRL	50		ug/L	157535	1	02/07/2012 21:17	GK
2-Hexanone	BRL	10		ug/L	157535	1	02/07/2012 21:17	GK
4-Methyl-2-pentanone	BRL	10		ug/L	157535	1	02/07/2012 21:17	GK
Acetone	BRL	50		ug/L	157535	1	02/07/2012 21:17	GK
Benzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Bromodichloromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Bromoform	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Bromomethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Carbon disulfide	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Carbon tetrachloride	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Chlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Chloroethane	BRL	10		ug/L	157535	1	02/07/2012 21:17	GK
Chloroform	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Chloromethane	BRL	10		ug/L	157535	1	02/07/2012 21:17	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Cyclohexane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Dibromochloromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Ethylbenzene	14	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Freon-113	BRL	10		ug/L	157535	1	02/07/2012 21:17	GK
Isopropylbenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Methyl acetate	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Methylcyclohexane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Methylene chloride	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Styrene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-013
Project Name:	Arivec	**Collection Date:**	1/24/2012 9:00:00 AM
Lab ID:	1202487-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Toluene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Trichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Vinyl chloride	BRL	2.0		ug/L	157535	1	02/07/2012 21:17	GK
Xylenes, Total	81	5.0		ug/L	157535	1	02/07/2012 21:17	GK
Surr: 4-Bromofluorobenzene	94.2	64.6-131		%REC	157535	1	02/07/2012 21:17	GK
Surr: Dibromofluoromethane	99.3	70.6-128		%REC	157535	1	02/07/2012 21:17	GK
Surr: Toluene-d8	92.3	70.5-116		%REC	157535	1	02/07/2012 21:17	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-302
Project Name:	Arivec	**Collection Date:**	1/24/2012 11:00:00 AM
Lab ID:	1202487-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	250	250		ug/L	157535	50	02/08/2012 19:49	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,1-Dichloroethene	13	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,2-Dichlorobenzene	28	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,4-Dichlorobenzene	6.7	5.0		ug/L	157535	1	02/07/2012 21:47	GK
1,4-Dioxane	BRL	150		ug/L	157535	1	02/07/2012 21:47	GK
2-Butanone	BRL	50		ug/L	157535	1	02/07/2012 21:47	GK
2-Hexanone	BRL	10		ug/L	157535	1	02/07/2012 21:47	GK
4-Methyl-2-pentanone	50	10		ug/L	157535	1	02/07/2012 21:47	GK
Acetone	BRL	50		ug/L	157535	1	02/07/2012 21:47	GK
Benzene	73	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Bromodichloromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Bromoform	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Bromomethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Carbon disulfide	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Carbon tetrachloride	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Chlorobenzene	12	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Chloroethane	BRL	10		ug/L	157535	1	02/07/2012 21:47	GK
Chloroform	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Chloromethane	BRL	10		ug/L	157535	1	02/07/2012 21:47	GK
cis-1,2-Dichloroethene	200	200		ug/L	157535	50	02/08/2012 19:49	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Cyclohexane	49	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Dibromochloromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Ethylbenzene	740	250		ug/L	157535	50	02/08/2012 19:49	GK
Freon-113	BRL	10		ug/L	157535	1	02/07/2012 21:47	GK
Isopropylbenzene	65	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Methyl acetate	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Methylcyclohexane	130	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Methylene chloride	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Styrene	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-302
Project Name:	Arivec	**Collection Date:**	1/24/2012 11:00:00 AM
Lab ID:	1202487-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	650	250		ug/L	157535	50	02/08/2012 19:49	GK
Toluene	6300	250		ug/L	157535	50	02/08/2012 19:49	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Trichloroethene	870	250		ug/L	157535	50	02/08/2012 19:49	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157535	1	02/07/2012 21:47	GK
Vinyl chloride	BRL	2.0		ug/L	157535	1	02/07/2012 21:47	GK
Xylenes, Total	4000	250		ug/L	157535	50	02/08/2012 19:49	GK
Surr: 4-Bromofluorobenzene	91.5	64.6-131		%REC	157535	50	02/08/2012 19:49	GK
Surr: 4-Bromofluorobenzene	93.9	64.6-131		%REC	157535	1	02/07/2012 21:47	GK
Surr: Dibromofluoromethane	97.7	70.6-128		%REC	157535	50	02/08/2012 19:49	GK
Surr: Dibromofluoromethane	98.1	70.6-128		%REC	157535	1	02/07/2012 21:47	GK
Surr: Toluene-d8	91.6	70.5-116		%REC	157535	50	02/08/2012 19:49	GK
Surr: Toluene-d8	96.3	70.5-116		%REC	157535	1	02/07/2012 21:47	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-304
Project Name:	Arivec	**Collection Date:**	1/24/2012 2:00:00 PM
Lab ID:	1202487-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,1,2-Trichloroethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,1-Dichloroethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,1-Dichloroethene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,2-Dibromoethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,2-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,2-Dichloroethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,2-Dichloropropane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,3-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,4-Dichlorobenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
1,4-Dioxane	BRL	150		ug/L	157535	1	02/08/2012 19:19	GK
2-Butanone	BRL	50		ug/L	157535	1	02/08/2012 19:19	GK
2-Hexanone	BRL	10		ug/L	157535	1	02/08/2012 19:19	GK
4-Methyl-2-pentanone	BRL	10		ug/L	157535	1	02/08/2012 19:19	GK
Acetone	BRL	50		ug/L	157535	1	02/08/2012 19:19	GK
Benzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Bromodichloromethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Bromoform	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Bromomethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Carbon disulfide	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Carbon tetrachloride	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Chlorobenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Chloroethane	BRL	10		ug/L	157535	1	02/08/2012 19:19	GK
Chloroform	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Chloromethane	BRL	10		ug/L	157535	1	02/08/2012 19:19	GK
cis-1,2-Dichloroethene	6.2	5.0		ug/L	157535	1	02/08/2012 19:19	GK
cis-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Cyclohexane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Dibromochloromethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Dichlorodifluoromethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Ethylbenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Freon-113	BRL	10		ug/L	157535	1	02/08/2012 19:19	GK
Isopropylbenzene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Methyl acetate	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Methyl tert-butyl ether	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Methylcyclohexane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Methylene chloride	22	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Styrene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK

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:** 17-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-012412-DJB-304
Project Name:	Arivec	**Collection Date:**	1/24/2012 2:00:00 PM
Lab ID:	1202487-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Toluene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
trans-1,3-Dichloropropene	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Trichloroethene	6.1	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Trichlorofluoromethane	BRL	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Vinyl chloride	BRL	2.0		ug/L	157535	1	02/08/2012 19:19	GK
Xylenes, Total	12	5.0		ug/L	157535	1	02/08/2012 19:19	GK
Surr: 4-Bromofluorobenzene	92.9	64.6-131		%REC	157535	1	02/08/2012 19:19	GK
Surr: Dibromofluoromethane	99.1	70.6-128		%REC	157535	1	02/08/2012 19:19	GK
Surr: Toluene-d8	92.7	70.5-116		%REC	157535	1	02/08/2012 19:19	GK

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.

Sample/Cooler Receipt Checklist

1202487 (CK)

Client Coalstoga Work Order Number 1204192

Checklist completed by ML 16/5/12
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? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.9° Cooler #2 3.7° 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Cordoroga Work Order Number 1202487 (CK) ~~1201193~~

Checklist completed by ML 16/5/12
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.9° Cooler #2 3.7° 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 X per 1-26-12 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.

\L\Quality Assurance\Checklists Procedures Sign Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab Order: 1202487

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1202487-001A	S-012312-DJB-006	1/23/2012 3:25:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		02/07/2012	02/07/2012
1202487-002A	S-012412-DJB-013	1/24/2012 9:00:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		02/07/2012	02/07/2012
1202487-003A	S-012412-DJB-302	1/24/2012 11:00:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		02/07/2012	02/07/2012
1202487-003A	S-012412-DJB-302	1/24/2012 11:00:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		02/07/2012	02/08/2012
1202487-004A	S-012412-DJB-304	1/24/2012 2:00:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		02/07/2012	02/08/2012

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202487

ANALYTICAL QC SUMMARY REPORT

BatchID: 157535

Sample ID: **MB-157535** Client ID: Units: **ug/L** Prep Date: **02/07/2012** Run No: **214683**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157535** Analysis Date: **02/07/2012** Seq No: **4489640**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202487

ANALYTICAL QC SUMMARY REPORT

BatchID: 157535

Sample ID: **MB-157535** Client ID: Units: **ug/L** Prep Date: **02/07/2012** Run No: **214683**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157535** Analysis Date: **02/07/2012** Seq No: **4489640**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	42.59	0	50	0	85.2	64.6	131	0	0	0	
Surr: Dibromofluoromethane	50.36	0	50	0	101	70.6	128	0	0	0	
Surr: Toluene-d8	46.31	0	50	0	92.6	70.5	116	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202487

ANALYTICAL QC SUMMARY REPORT

BatchID: 157535

Sample ID: **LCS-157535**	Client ID:		Units: **ug/L**	Prep Date: **02/07/2012**	Run No: **214683**
SampleType: **LCS**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **157535**	Analysis Date: **02/07/2012**	Seq No: **4489371**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.19	5.0	50	0	88.4	51.3	142	0	0	0	
Benzene	46.09	5.0	50	0	92.2	70.2	125	0	0	0	
Chlorobenzene	50.29	5.0	50	0	101	73.5	121	0	0	0	
Toluene	47.99	5.0	50	0	96	66	131	0	0	0	
Trichloroethene	50.88	5.0	50	0	102	63.6	129	0	0	0	
Surr: 4-Bromofluorobenzene	46.78	0	50	0	93.6	64.6	131	0	0	0	
Surr: Dibromofluoromethane	50.88	0	50	0	102	70.6	128	0	0	0	
Surr: Toluene-d8	49.93	0	50	0	99.9	70.5	116	0	0	0	

Sample ID: **1202487-001AMS**	Client ID: **S-012312-DJB-006**		Units: **ug/L**	Prep Date: **02/07/2012**	Run No: **214683**
SampleType: **MS**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **157535**	Analysis Date: **02/07/2012**	Seq No: **4490737**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	48.14	5.0	50	0	96.3	46.9	155	0	0	0	
Benzene	50.17	5.0	50	0	100	65.5	134	0	0	0	
Chlorobenzene	53.20	5.0	50	0	106	73	124	0	0	0	
Toluene	51.82	5.0	50	0	104	60	136	0	0	0	
Trichloroethene	55.24	5.0	50	0	110	66.2	140	0	0	0	
Surr: 4-Bromofluorobenzene	46.61	0	50	0	93.2	64.6	131	0	0	0	
Surr: Dibromofluoromethane	50.78	0	50	0	102	70.6	128	0	0	0	
Surr: Toluene-d8	48.94	0	50	0	97.9	70.5	116	0	0	0	

Sample ID: **1202487-001AMSD**	Client ID: **S-012312-DJB-006**		Units: **ug/L**	Prep Date: **02/07/2012**	Run No: **214683**
SampleType: **MSD**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **157535**	Analysis Date: **02/07/2012**	Seq No: **4490739**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	47.36	5.0	50	0	94.7	46.9	155	48.14	1.63	15.8	
Benzene	50.25	5.0	50	0	100	65.5	134	50.17	0.159	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202487

ANALYTICAL QC SUMMARY REPORT

BatchID: 157535

Sample ID: **1202487-001AMSD** Client ID: **S-012312-DJB-006** Units: **ug/L** Prep Date: **02/07/2012** Run No: **214683**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **157535** Analysis Date: **02/07/2012** Seq No: **4490739**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	52.85	5.0	50	0	106	73	124	53.20	0.66	10	
Toluene	51.87	5.0	50	0	104	60	136	51.82	0.096	10	
Trichloroethene	55.62	5.0	50	0	111	66.2	140	55.24	0.686	11	
Surr: 4-Bromofluorobenzene	46.77	0	50	0	93.5	64.6	131	46.61	0	0	
Surr: Dibromofluoromethane	50.70	0	50	0	101	70.6	128	50.78	0	0	
Surr: Toluene-d8	49.48	0	50	0	99	70.5	116	48.94	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

February 22, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1202C15

Analytical Environmental Services, Inc. received 2 samples on 2/3/2012 4:30:00 PM 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CRKanhai

Chantelle Kanhai
Project Manager

1202C15 (CK)

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1202443

Date: 2/3/12 Page 1 of 2

COMPANY	ADDRESS
CRA	3075 Breckenridge Blvd Ste 470 Duluth, GA 30096
PHONE: 770-441-0027	FAX: 770-441-2080
SAMPLED BY: Steven Grau	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs (TCL)	RCRA metals	PCBs	SPLP (HOLD)	VOC (TCL MW8)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	S-020312-BOW-053	2/3/12	815	X		SO	X							
2	" " " -054		825	X			X	X	X	X				
3	" " " -055		830	X			X							
4	" " " -056		845	X			X	X	X	X				
5	" " " -057		910	X			X							
6	" " " -058		920	X			X	X	X	X				
7	" " " -059		930	X			X							
8	" " " -060		945	X			X	X	X	X				
9	" " " -061		1015	X			X							
10	" " " -062		1025	X			X	X	X	X				
11	" " " -063		1045	X			X							
12	" " " -064		1050	X			X	X	X	X				
13	" " " -065		1315	X			X							
14	" " " -066	↓	1500	X		↓	X							

ANALYSIS REQUESTED

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

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Ben C. Welch	2/3/12 16:30	1:	2/3/12 4:30
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Anivec

PROJECT #: 35029

SITE ADDRESS: Douglasville, GA

SEND REPORT TO: See SSOW

INVOICE TO: (IF DIFFERENT FROM ABOVE) See SSOW

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

SPECIAL INSTRUCTIONS/COMMENTS: See SSOW

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER

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

1202C15 (2)

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: ~~1202443~~

Date: 2/8/12 Page 2 of 2

COMPANY	ADDRESS
CRA	3595 Breckenridge Blvd. Ste 410 Duluth, GA 30096
PHONE: 770-441-0027	FAX: 770-441-2050
SAMPLED BY: Steven Grosu	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TCL VOCs	TCL VOCs (MLP)	No # of Containers	REMARKS
1	S-020312-BCW-067	2/3/12	1515	X		SO	X		4	
2	" " " -068	↓	1510	X		SO		X	4	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

PRESERVATION (See codes)

ANALYSIS REQUESTED

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

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Ben C. Welch	2/3/12 16:30	1: MJ	2/3/12 4:30
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Arivec

PROJECT #: 35029

SITE ADDRESS: Douglasville, GA

SEND REPORT TO: See SSOW

INVOICE TO: (IF DIFFERENT FROM ABOVE) See SSOW

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

SPECIAL INSTRUCTIONS/COMMENTS: See SSOW

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

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: 22-Feb-12

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1202C15

Case Narrative

At the client's request, samples "S-020312-BCW-056" and "S-020312-BCW-058" were taken off hold and analyzed for SPLP VOCs at standard turnaround time.

Analytical Environmental Services, Inc **Date:** 22-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-056
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:45:00 AM
Lab ID:	1202C15-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,1,2-Trichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,1-Dichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,1-Dichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,2-Dibromoethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,2-Dichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,2-Dichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,2-Dichloropropane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,3-Dichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,4-Dichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
1,4-Dioxane	BRL	150		ug/L	158063	1	02/20/2012 22:09	SB
2-Butanone	BRL	50		ug/L	158063	1	02/20/2012 22:09	SB
2-Hexanone	BRL	10		ug/L	158063	1	02/20/2012 22:09	SB
4-Methyl-2-pentanone	BRL	10		ug/L	158063	1	02/20/2012 22:09	SB
Acetone	BRL	50		ug/L	158063	1	02/20/2012 22:09	SB
Benzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Bromodichloromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Bromoform	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Bromomethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Carbon disulfide	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Carbon tetrachloride	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Chlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Chloroethane	BRL	10		ug/L	158063	1	02/20/2012 22:09	SB
Chloroform	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Chloromethane	BRL	10		ug/L	158063	1	02/20/2012 22:09	SB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Cyclohexane	7.0	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Dibromochloromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Dichlorodifluoromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Ethylbenzene	9.5	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Freon-113	BRL	10		ug/L	158063	1	02/20/2012 22:09	SB
Isopropylbenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Methyl acetate	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Methyl tert-butyl ether	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Methylcyclohexane	28	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Methylene chloride	12	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Styrene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB

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:** 22-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-056
Project Name:	Arivec	**Collection Date:**	2/3/2012 8:45:00 AM
Lab ID:	1202C15-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Toluene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Trichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Trichlorofluoromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Vinyl chloride	BRL	2.0		ug/L	158063	1	02/20/2012 22:09	SB
Xylenes, Total	9.8	5.0		ug/L	158063	1	02/20/2012 22:09	SB
Surr: 4-Bromofluorobenzene	104	64.6-131		%REC	158063	1	02/20/2012 22:09	SB
Surr: Dibromofluoromethane	103	70.6-128		%REC	158063	1	02/20/2012 22:09	SB
Surr: Toluene-d8	103	70.5-116		%REC	158063	1	02/20/2012 22:09	SB

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:** 22-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-058
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:20:00 AM
Lab ID:	1202C15-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,1,2-Trichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,1-Dichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,1-Dichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,2-Dibromoethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,2-Dichlorobenzene	6.7	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,2-Dichloroethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,2-Dichloropropane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,3-Dichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,4-Dichlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
1,4-Dioxane	BRL	150		ug/L	158063	1	02/20/2012 22:38	SB
2-Butanone	BRL	50		ug/L	158063	1	02/20/2012 22:38	SB
2-Hexanone	BRL	10		ug/L	158063	1	02/20/2012 22:38	SB
4-Methyl-2-pentanone	BRL	10		ug/L	158063	1	02/20/2012 22:38	SB
Acetone	BRL	50		ug/L	158063	1	02/20/2012 22:38	SB
Benzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Bromodichloromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Bromoform	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Bromomethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Carbon disulfide	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Carbon tetrachloride	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Chlorobenzene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Chloroethane	BRL	10		ug/L	158063	1	02/20/2012 22:38	SB
Chloroform	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Chloromethane	BRL	10		ug/L	158063	1	02/20/2012 22:38	SB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Cyclohexane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Dibromochloromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Dichlorodifluoromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Ethylbenzene	14	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Freon-113	BRL	10		ug/L	158063	1	02/20/2012 22:38	SB
Isopropylbenzene	9.5	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Methyl acetate	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Methyl tert-butyl ether	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Methylcyclohexane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Methylene chloride	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Styrene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB

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:** 22-Feb-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-020312-BCW-058
Project Name:	Arivec	**Collection Date:**	2/3/2012 9:20:00 AM
Lab ID:	1202C15-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Toluene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Trichloroethene	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Trichlorofluoromethane	BRL	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Vinyl chloride	BRL	2.0		ug/L	158063	1	02/20/2012 22:38	SB
Xylenes, Total	53	5.0		ug/L	158063	1	02/20/2012 22:38	SB
Surr: 4-Bromofluorobenzene	102	64.6-131		%REC	158063	1	02/20/2012 22:38	SB
Surr: Dibromofluoromethane	100	70.6-128		%REC	158063	1	02/20/2012 22:38	SB
Surr: Toluene-d8	102	70.5-116		%REC	158063	1	02/20/2012 22:38	SB

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 CRA Work Order Number 1202C15 ~~1202445~~ ER

Checklist completed by _____ 2/3/12
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.3° 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 ✓ AR 2/4/12 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.

\\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202C15

ANALYTICAL QC SUMMARY REPORT

BatchID: 158063

Sample ID: **MB-158063** Client ID: Units: **ug/L** Prep Date: **02/20/2012** Run No: **215480**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **158063** Analysis Date: **02/20/2012** Seq No: **4507329**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202C15

ANALYTICAL QC SUMMARY REPORT

BatchID: 158063

Sample ID: **MB-158063** Client ID: Units: **ug/L** Prep Date: **02/20/2012** Run No: **215480**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **158063** Analysis Date: **02/20/2012** Seq No: **4507329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	47.88	0	50	0	95.8	64.6	131	0	0	0	
Surr: Dibromofluoromethane	53.02	0	50	0	106	70.6	128	0	0	0	
Surr: Toluene-d8	50.80	0	50	0	102	70.5	116	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202C15

ANALYTICAL QC SUMMARY REPORT

BatchID: 158063

Sample ID: **LCS-158063** Client ID: Units: **ug/L** Prep Date: **02/20/2012** Run No: **215544**
SampleType: **LCS** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **158063** Analysis Date: **02/21/2012** Seq No: **4507570**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	45.38	5.0	50	0	90.8	51.3	142	0	0	0	
Benzene	41.16	5.0	50	0	82.3	70.2	125	0	0	0	
Chlorobenzene	38.92	5.0	50	0	77.8	73.5	121	0	0	0	
Toluene	39.48	5.0	50	0	79	66	131	0	0	0	
Trichloroethene	39.67	5.0	50	0	79.3	63.6	129	0	0	0	
Surr: 4-Bromofluorobenzene	48.08	0	50	0	96.2	64.6	131	0	0	0	
Surr: Dibromofluoromethane	54.22	0	50	0	108	70.6	128	0	0	0	
Surr: Toluene-d8	52.64	0	50	0	105	70.5	116	0	0	0	

Sample ID: **1202C15-002AMS** Client ID: **S-020312-BCW-058** Units: **ug/L** Prep Date: **02/20/2012** Run No: **215480**
SampleType: **MS** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **158063** Analysis Date: **02/20/2012** Seq No: **4507350**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	62.77	5.0	50	0	126	46.9	155	0	0	0	
Benzene	50.02	5.0	50	0	100	65.5	134	0	0	0	
Chlorobenzene	49.30	5.0	50	0	98.6	73	124	0	0	0	
Toluene	50.78	5.0	50	0.5100	101	60	136	0	0	0	
Trichloroethene	60.24	5.0	50	0	120	66.2	140	0	0	0	
Surr: 4-Bromofluorobenzene	52.21	0	50	0	104	64.6	131	0	0	0	
Surr: Dibromofluoromethane	53.52	0	50	0	107	70.6	128	0	0	0	
Surr: Toluene-d8	51.94	0	50	0	104	70.5	116	0	0	0	

Sample ID: **1202C15-002AMSD** Client ID: **S-020312-BCW-058** Units: **ug/L** Prep Date: **02/20/2012** Run No: **215480**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **158063** Analysis Date: **02/20/2012** Seq No: **4507351**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	66.31	5.0	50	0	133	46.9	155	62.77	5.48	15.8	
Benzene	53.04	5.0	50	0	106	65.5	134	50.02	5.86	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1202C15

ANALYTICAL QC SUMMARY REPORT

BatchID: 158063

Sample ID: **1202C15-002AMSD** Client ID: **S-020312-BCW-058** Units: **ug/L** Prep Date: **02/20/2012** Run No: **215480**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **158063** Analysis Date: **02/20/2012** Seq No: **4507351**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	50.46	5.0	50	0	101	73	124	49.30	2.33	10	
Toluene	53.15	5.0	50	0.5100	105	60	136	50.78	4.56	10	
Trichloroethene	63.03	5.0	50	0	126	66.2	140	60.24	4.53	11	
Surr: 4-Bromofluorobenzene	52.04	0	50	0	104	64.6	131	52.21	0	0	
Surr: Dibromofluoromethane	53.36	0	50	0	107	70.6	128	53.52	0	0	
Surr: Toluene-d8	50.72	0	50	0	101	70.5	116	51.94	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

LABORATORY REPORTS AND DATA QUALITY ASSURANCE/ QUALITY CONTROL MEMORANDUM MAY 2012

CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
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MEMORANDUM

Sent via email

TO: Mike Reinhardt, Terefe Mazengia

REF. NO.: 035029-09-10

FROM: Paul McMahon/adh/6 PM/adh

DATE: May 31, 2012

RE: **Data Quality Assessment and Validation**
Supplemental Soil Sampling
Arivec Site
Douglasville, Georgia
May 2012

The following details a quality assessment and validation of the analytical data resulting from the May 2012 collection of 17 soil samples and 1 field duplicate from the Arivec Site in Douglasville, Georgia. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at Analytical Environmental Services, Inc. (AES) in Atlanta, Georgia, in accordance with the methodologies presented in Table 2. Tables 3A and 3B present the validated sample results.

The quality control criteria used to assess the data were established by the methods. Application of quality assurance criteria was consistent with following guidance documents:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," EPA-540/R-99/008, October 1999

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review," EPA-540/R-94/013, February 1994

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods. All samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the temperature preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes, indicating no laboratory-attributable contamination occurred.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples with the exception of one high volatile organic compound (VOC) surrogate recovery. The associated detected sample results were qualified as estimated (see Table 4).

LABORATORY CONTROL SAMPLE ANALYSIS

The laboratory control sample (LCS) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS percent recoveries were evaluated against laboratory established control limits.

The LCS percent recoveries were within the laboratory control limits, indicating that an acceptable level of overall performance was achieved.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long-term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the MS/MSD and duplicate concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples, and 20 percent for water samples. The sample selected for MS/MSD analysis is identified in Table 1. The laboratory performed additional MS/MSD and laboratory duplicate analyses internally.

Spike recoveries are not assessed for samples having original concentrations significantly greater than the spike concentration (>four times) or when the spike concentration is diluted out due to matrix interference.

All MS/MSD percent recoveries and associated RPD acceptance criteria were met, demonstrating good laboratory accuracy and precision.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. Several compounds exhibited variability in the sample results. The associated data were qualified as estimated (see Table 5).

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

						Analysis/Parameters						
Sample ID	*Location ID*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs & 1,4-Dioxane*	*SPLP RCRA Metals*	*SPLP PCBs*	*SPLP VOCs*	*pH*	*foc*	*Comments*
S-050912-SAG-001	B-101	6	7.5	5/9/2012	8:50				X		X	
S-050912-SAG-002	B-112	3	4	5/9/2012	9:10	X			X		X	
S-050912-SAG-003	B-110	1	2	5/9/2012	9:30	X			X		X	
S-050912-SAG-004	B-111	2	4	5/9/2012	9:45	X			X		X	
S-050912-SAG-005	B-84	14	16	5/9/2012	10:00	X					X	
S-050912-SAG-006	B-85	10	12	5/9/2012	10:10				X		X	
S-050912-SAG-007	B-113	12	14	5/9/2012	10:40	X			X		X	
S-050912-SAG-008	B-114	14	16	5/9/2012	11:45	X			X		X	
S-050912-SAG-009	B-114	14	16	5/9/2012	11:50	X			X		X	Duplicate of S-050912-SAG-008
S-050912-SAG-010	B-90	8	10	5/9/2012	12:55				X		X	
S-050912-SAG-012	B-118	14	16	5/9/2012	14:15	X			X		X	
S-050912-SAG-013	B-99	2	4	5/9/2012	14:45				X		X	
S-051012-SAG-014	B-117	8	10	5/10/2012	8:30	X			X		X	MS/MSD
S-051012-SAG-015	B-119	4	6	5/10/2012	9:00	X			X		X	
S-051012-SAG-016	B-115	12	14	5/10/2012	9:35	X			X		X	
S-051012-SAG-017	B-116	12	14	5/10/2012	9:55	X			X		X	
S-051012-SAG-018	B-93	6	8	5/10/2012	10:15		X	X	X	X	X	
S-051012-SAG-019	B-106	10	12	5/10/2012	10:25		X	X	X	X	X	

Notes:

ft bgs	Feet Below Ground Surface.
MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
PCBs	Polychlorinated Biphenyls.
RCRA	Resource Conservation and Recovery Act.
SPLP	Synthetic Precipitation Leaching Procedure.
VOCs	Volatile Organic Compounds.
foc	Fractional Organic Carbon.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Parameter	*Method*
VOCs and 1,4-Dioxane	SW-846 8260[1]
SPLP RCRA Metals	SW-846 1312/6010/7470[1]
SPLP PCBs	SW-846 1312/8082[1]
SPLP VOCs	SW-846 1312/8260[1]
pH	SW-846 9045[1]
foc	ASTM D2974

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

PCBs Polychlorinated Biphenyls.
RCRA Resource Conservation and Recovery Act.
SPLP Synthetic Precipitation Leaching Procedure.
VOCs Volatile Organic Compounds.
foc Fractional Organic Carbon.

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-85*	*B-90*	*B-93*	*B-99*	*B-101*	*B-106*
Sample Name:		*S-050912-SAG-006*	*S-050912-SAG-010*	*S-051012-SAG-018*	*S-050912-SAG-013*	*S-050912-SAG-001*	*S-051012-SAG-019*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*10-12 ft bgs*	*8-10 ft bgs*	*6-8 ft bgs*	*2-4 ft bgs*	*6-7.5 ft bgs*	*10-12 ft bgs*
	Units						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	500 U	13	78 J	500 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
1,1-Dichloroethane	µg/L	5.0 U	52	500 U	5.0 U	5.0 U	500 U
1,1-Dichloroethene	µg/L	5.0 U	11	500 U	5.0 U	5.0 U	500 U
1,2,4-Trichlorobenzene	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.0 U	5.0 U	500 U	5.0 U	44 J	500 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
1,2-Dichlorobenzene	µg/L	5.0 U	1300	500 U	5.0 U	23 J	500 U
1,2-Dichloroethane	µg/L	5.0 U	30	500 U	5.0 U	5.0 U	500 U
1,2-Dichloropropane	µg/L	5.0 U	15	500 U	5.0 U	5.0 U	500 U
1,3-Dichlorobenzene	µg/L	5.0 U	82	500 U	5.0 U	5.0 U	500 U
1,4-Dichlorobenzene	µg/L	5.0 U	180	500 U	5.0 U	5.0 U	500 U
1,4-Dioxane	µg/L	150 U	150 U	15000 U	150 U	150 U	15000 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5800	50 U	7800	65	50 U	180000
2-Hexanone	µg/L	29	10 U	1000 U	10 U	10 U	1000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	2300	550	1500	270	10 U	210000
Acetone	µg/L	3200	50 U	5000 U	50 U	50 U	19000
Benzene	µg/L	5.0 U	22	500 U	5.0 U	5.0 U	500 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Bromoform	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Carbon disulfide	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Chlorobenzene	µg/L	5.0 U	8.1	500 U	49	8.6 J	500 U
Chloroethane	µg/L	10 U	10 U	1000 U	10 U	10 U	1000 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Chloromethane (Methyl chloride)	µg/L	10 U	10 U	1000 U	10 U	10 U	1000 U
cis-1,2-Dichloroethene	µg/L	13	8100	780	77	16 J	5000
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-85*	*B-90*	*B-93*	*B-99*	*B-101*	*B-106*
Sample Name:		*S-050912-SAG-006*	*S-050912-SAG-010*	*S-051012-SAG-018*	*S-050912-SAG-013*	*S-050912-SAG-001*	*S-051012-SAG-019*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*10-12 ft bgs*	*8-10 ft bgs*	*6-8 ft bgs*	*2-4 ft bgs*	*6-7.5 ft bgs*	*10-12 ft bgs*
	Units						
Volatile Organic Compounds (Continued)							
Cyclohexane	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Ethylbenzene	µg/L	5.0 U	11000	4100	290	1000	3100
Isopropyl benzene	µg/L	5.0 U	160	500 U	5.7	95 J	500 U
Methyl acetate	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Methyl cyclohexane	µg/L	5.0 U	16	500 U	5.0 U	6.8 J	500 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Methylene chloride	µg/L	5.0 U	28	500 U	5.0 U	77 J	40000
Styrene	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Tetrachloroethene	µg/L	14	150	500 U	3000	4200	6900
Toluene	µg/L	26	31000	12000	2800	3800	53000
trans-1,2-Dichloroethene	µg/L	5.0 U	8.8	500 U	5.0 U	5.0 U	500 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Trichloroethene	µg/L	5.0 U	30	500 U	15000	71	47000
Trichlorofluoromethane (CFC-11)	µg/L	5.0 U	5.0 U	500 U	5.0 U	5.0 U	500 U
Trifluorotrichloroethane (Freon 113)	µg/L	10 U	10 U	1000 U	10 U	10 U	1000 U
Vinyl chloride	µg/L	2.0 U	36	200 U	2.0 U	2.0 U	280
Xylenes (total)	µg/L	14	45000	18000	1100	6100	24000
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/L	-	-	5.0 U	-	-	5.0 U
Aroclor-1221 (PCB-1221)	µg/L	-	-	5.0 U	-	-	5.0 U
Aroclor-1232 (PCB-1232)	µg/L	-	-	5.0 U	-	-	5.0 U
Aroclor-1242 (PCB-1242)	µg/L	-	-	5.0 U	-	-	5.0 U
Aroclor-1248 (PCB-1248)	µg/L	-	-	5.0 U	-	-	5.0 U
Aroclor-1254 (PCB-1254)	µg/L	-	-	5.0 U	-	-	5.0 U
Aroclor-1260 (PCB-1260)	µg/L	-	-	5.0 U	-	-	5.0 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-85*	*B-90*	*B-93*	*B-99*	*B-101*	*B-106*
Sample Name:		*S-050912-SAG-006*	*S-050912-SAG-010*	*S-051012-SAG-018*	*S-050912-SAG-013*	*S-050912-SAG-001*	*S-051012-SAG-019*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*10-12 ft bgs*	*8-10 ft bgs*	*6-8 ft bgs*	*2-4 ft bgs*	*6-7.5 ft bgs*	*10-12 ft bgs*
	Units						
Metals							
Arsenic	mg/L	-	-	0.0500 U	-	-	0.0500 U
Barium	mg/L	-	-	0.0729	-	-	0.118
Cadmium	mg/L	-	-	0.00500 U	-	-	0.0303
Chromium	mg/L	-	-	0.0100 U	-	-	0.0100 U
Lead	mg/L	-	-	0.0100 U	-	-	0.0100 U
Mercury	mg/L	-	-	0.000200 U	-	-	0.000200 U
Selenium	mg/L	-	-	0.0200 U	-	-	0.0200 U
Silver	mg/L	-	-	0.0100 U	-	-	0.0100 U

Notes: Notes:
J Estimated.
U Non-detect at the associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-110*	*B-111*	*B-112*	*B-113*	*B-114*	*B-114*
Sample Name:		*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*Duplicate*
Depth:		*1-2 ft bgs*	*2-4 ft bgs*	*3-4 ft bgs*	*12-14 ft bgs*	*14-16 ft bgs*	*14-16 ft bgs*
	Units						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	280	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	7.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	10.0	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.1	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dioxane	µg/L	150 U	150 U	150 U	150 U	150 U	150 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	120	50 U	50 U	50 U	50 U	50 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	170	39	10 U	14	12	10 U
Acetone	µg/L	100	50 U	50 U	50 U	50 U	50 U
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.1
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	160	7.7	5.0 U	25	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-110*	*B-111*	*B-112*	*B-113*	*B-114*	*B-114*
Sample Name:		*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*Duplicate*
Depth:		*1-2 ft bgs*	*2-4 ft bgs*	*3-4 ft bgs*	*12-14 ft bgs*	*14-16 ft bgs*	*14-16 ft bgs*
	Units						
Volatile Organic Compounds (Continued)							
Cyclohexane	µg/L	5.0 U	5.0 U	5.0 U	7.6	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	290	14	5.0 U	90	5.5 J	88 J
Isopropyl benzene	µg/L	17	5.0 U	5.0 U	20	5.0 U	9.0
Methyl acetate	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl cyclohexane	µg/L	5.0 U	5.0 U	5.0 U	22	5.0 UJ	13 J
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	20	5.0 U	5.0 U	5.0 U	5.0 UJ	43 J
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	56000	7.0	5.0 U	50	48 J	93 J
Toluene	µg/L	650	67	5.0 U	160	25 J	140 J
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	1400	5.0 U	5.0 U	520	5.0 UJ	13 J
Trichlorofluoromethane (CFC-11)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Xylenes (total)	µg/L	1700	91	5.0 U	590	30 J	540 J
Polychlorinated Biphenyls							
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-110*	*B-111*	*B-112*	*B-113*	*B-114*	*B-114*
Sample Name:		*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*	*S-050912-SAG-009*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*Duplicate*
Depth:		*1-2 ft bgs*	*2-4 ft bgs*	*3-4 ft bgs*	*12-14 ft bgs*	*14-16 ft bgs*	*14-16 ft bgs*
	Units						
Metals							
Arsenic	mg/L	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-

Notes: Notes:

J Estimated.

U Non-detect at the associated value.

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-115*	*B-116*	*B-117*	*B-118*	*B-119*
Sample Name:		*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*
Sample Date:		*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*12-14 ft bgs*	*12-14 ft bgs*	*8-10 ft bgs*	*14-16 ft bgs*	*4-6 ft bgs*
	Units					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,2-Dichlorobenzene	µg/L	1200	250 U	50 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,3-Dichlorobenzene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,4-Dichlorobenzene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
1,4-Dioxane	µg/L	7500 U	7500 U	1500 U	150 U	150 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	2500 U	2500 U	500 U	1100	50 U
2-Hexanone	µg/L	500 U	500 U	100 U	24	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	500 U	500 U	100 U	240	10 U
Acetone	µg/L	2500 U	2500 U	500 U	240	50 U
Benzene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Bromoform	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Carbon disulfide	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Chlorobenzene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Chloroethane	µg/L	500 U	500 U	100 U	10 U	10 U
Chloroform (Trichloromethane)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	500 U	500 U	100 U	10 U	10 U
cis-1,2-Dichloroethene	µg/L	250 U	250 U	50 U	27	5.0 U
cis-1,3-Dichloropropene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-115*	*B-116*	*B-117*	*B-118*	*B-119*
Sample Name:		*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*
Sample Date:		*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*12-14 ft bgs*	*12-14 ft bgs*	*8-10 ft bgs*	*14-16 ft bgs*	*4-6 ft bgs*
	Units					
Volatile Organic Compounds (Continued)						
Cyclohexane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Ethylbenzene	µg/L	610	1100	50 U	5.0 U	17
Isopropyl benzene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Methyl acetate	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Methyl cyclohexane	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Methyl tert butyl ether (MTBE)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Methylene chloride	µg/L	250 U	250 U	62	6.9	5.9
Styrene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	250 U	250 U	730	1400	5.0 U
Toluene	µg/L	3200	4900	450	12	110
trans-1,2-Dichloroethene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Trichloroethene	µg/L	250 U	250 U	2200	5.0 U	5.0 U
Trichlorofluoromethane (CFC-11)	µg/L	250 U	250 U	50 U	5.0 U	5.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	500 U	500 U	100 U	10 U	10 U
Vinyl chloride	µg/L	100 U	100 U	20 U	2.0 U	2.0 U
Xylenes (total)	µg/L	4300	5200	200	18	98
Polychlorinated Biphenyls						
Aroclor-1016 (PCB-1016)	µg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	µg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	µg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	µg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	µg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	µg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	µg/L	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY - SPLP
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-115*	*B-116*	*B-117*	*B-118*	*B-119*
Sample Name:		*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*
Sample Date:		*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*12-14 ft bgs*	*12-14 ft bgs*	*8-10 ft bgs*	*14-16 ft bgs*	*4-6 ft bgs*
	Units					
Metals						
Arsenic	mg/L	-	-	-	-	-
Barium	mg/L	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-
Lead	mg/L	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-
Silver	mg/L	-	-	-	-	-

Notes: Notes:
J Estimated.
U Non-detect at the associated value.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3B

ANALYTICAL RESULTS SUMMARY - TOTALS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-84*	*B-85*	*B-90*	*B-93*	*B-99*	*B-101*
Sample Name:		*S-050912-SAG-005*	*S-050912-SAG-006*	*S-050912-SAG-010*	*S-051012-SAG-018*	*S-050912-SAG-013*	*S-050912-SAG-001*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*14-16 ft bgs*	*10-12 ft bgs*	*8-10 ft bgs*	*6-8 ft bgs*	*2-4 ft bgs*	*6-7.5 ft bgs*
	Units						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	71000	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	20000 U	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	20000 U	-	-	-	-	-
1,1-Dichloroethane	µg/kg	20000 U	-	-	-	-	-
1,1-Dichloroethene	µg/kg	20000 U	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	20000 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	20000 U	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	20000 U	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	20000 U	-	-	-	-	-
1,2-Dichloroethane	µg/kg	20000 U	-	-	-	-	-
1,2-Dichloropropane	µg/kg	20000 U	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	20000 U	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	20000 U	-	-	-	-	-
1,4-Dioxane	µg/kg	610000 U	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	200000 U	-	-	-	-	-
2-Hexanone	µg/kg	41000 U	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	41000 U	-	-	-	-	-
Acetone	µg/kg	410000 U	-	-	-	-	-
Benzene	µg/kg	20000 U	-	-	-	-	-
Bromodichloromethane	µg/kg	20000 U	-	-	-	-	-
Bromoform	µg/kg	20000 U	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	20000 U	-	-	-	-	-
Carbon disulfide	µg/kg	41000 U	-	-	-	-	-
Carbon tetrachloride	µg/kg	20000 U	-	-	-	-	-
Chlorobenzene	µg/kg	20000 U	-	-	-	-	-
Chloroethane	µg/kg	41000 U	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	20000 U	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	41000 U	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	200000	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	20000 U	-	-	-	-	-
Cyclohexane	µg/kg	39000	-	-	-	-	-
Dibromochloromethane	µg/kg	20000 U	-	-	-	-	-

TABLE 3B

ANALYTICAL RESULTS SUMMARY - TOTALS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-84*	*B-85*	*B-90*	*B-93*	*B-99*	*B-101*
Sample Name:		*S-050912-SAG-005*	*S-050912-SAG-006*	*S-050912-SAG-010*	*S-051012-SAG-018*	*S-050912-SAG-013*	*S-050912-SAG-001*
Sample Date:		*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/10/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*14-16 ft bgs*	*10-12 ft bgs*	*8-10 ft bgs*	*6-8 ft bgs*	*2-4 ft bgs*	*6-7.5 ft bgs*
	Units						
Volatile Organic Compounds (Continued)							
Dichlorodifluoromethane (CFC-12)	µg/kg	41000 U	-	-	-	-	-
Ethylbenzene	µg/kg	66000	-	-	-	-	-
Isopropyl benzene	µg/kg	20000 U	-	-	-	-	-
Methyl acetate	µg/kg	20000 U	-	-	-	-	-
Methyl cyclohexane	µg/kg	100000	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	20000 U	-	-	-	-	-
Methylene chloride	µg/kg	82000 U	-	-	-	-	-
Styrene	µg/kg	20000 U	-	-	-	-	-
Tetrachloroethene	µg/kg	52000	-	-	-	-	-
Toluene	µg/kg	520000	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	20000 U	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	20000 U	-	-	-	-	-
Trichloroethene	µg/kg	33000	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	20000 U	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	41000 U	-	-	-	-	-
Vinyl chloride	µg/kg	41000 U	-	-	-	-	-
Xylenes (total)	µg/kg	330000	-	-	-	-	-
General Chemistry							
Fractional organic carbon (FOC)	%	2.10	3.90	2.90	2.50	2.60	4.90
Moisture content (dry weight)	%	25.6	-	-	-	-	-
pH	s.u.	-	-	-	5.25	-	-

Notes:

J Estimated.

U Non-detect at the associated value.

UJ The analyte was not detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.

TABLE 3B

ANALYTICAL RESULTS SUMMARY - TOTALS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-106*	*B-110*	*B-111*	*B-112*	*B-113*	*B-114*
Sample Name:		*S-051012-SAG-019*	*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*
Sample Date:		*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*10-12 ft bgs*	*1-2 ft bgs*	*2-4 ft bgs*	*3-4 ft bgs*	*12-14 ft bgs*	*14-16 ft bgs*
	Units						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	-	25	1900 U	3.6 U	19000 U	2100 U
1,1,2,2-Tetrachloroethane	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,1,2-Trichloroethane	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,1-Dichloroethane	µg/kg	-	3.8 U	1900 U	19	19000 U	2100 U
1,1-Dichloroethene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,2,4-Trichlorobenzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,2-Dichlorobenzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,2-Dichloroethane	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,2-Dichloropropane	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,3-Dichlorobenzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,4-Dichlorobenzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
1,4-Dioxane	µg/kg	-	110 U	57000 U	110 U	580000 U	63000 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	38 U	19000 U	36 U	190000 U	21000 U
2-Hexanone	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
Acetone	µg/kg	-	76 U	38000 U	71 U	390000 U	42000 U
Benzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Bromodichloromethane	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Bromoform	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Bromomethane (Methyl bromide)	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Carbon disulfide	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
Carbon tetrachloride	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Chlorobenzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Chloroethane	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
Chloroform (Trichloromethane)	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Chloromethane (Methyl chloride)	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
cis-1,2-Dichloroethene	µg/kg	-	66	16000	29	57000	11000
cis-1,3-Dichloropropene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Cyclohexane	µg/kg	-	3.8 U	1900 U	7.2	20000	3000 J
Dibromochloromethane	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY - TOTALS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-106*	*B-110*	*B-111*	*B-112*	*B-113*	*B-114*
Sample Name:		*S-051012-SAG-019*	*S-050912-SAG-003*	*S-050912-SAG-004*	*S-050912-SAG-002*	*S-050912-SAG-007*	*S-050912-SAG-008*
Sample Date:		*5/10/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*	*5/9/2012*
Sample Type:		*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*10-12 ft bgs*	*1-2 ft bgs*	*2-4 ft bgs*	*3-4 ft bgs*	*12-14 ft bgs*	*14-16 ft bgs*
	Units						
Volatile Organic Compounds (Continued)							
Dichlorodifluoromethane (CFC-12)	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
Ethylbenzene	µg/kg	-	3.8 U	1900 U	9.9	20000	13000 J
Isopropyl benzene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Methyl acetate	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Methyl cyclohexane	µg/kg	-	3.8 U	1900 U	20	49000	8900 J
Methyl tert butyl ether (MTBE)	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Methylene chloride	µg/kg	-	15 U	7500 U	14 U	77000 U	8400 U
Styrene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Tetrachloroethene	µg/kg	-	160000	1900 U	11	19000 U	4500 J
Toluene	µg/kg	-	3.9	23000	17	64000	64000 J
trans-1,2-Dichloroethene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
trans-1,3-Dichloropropene	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Trichloroethene	µg/kg	-	150	1900 U	5.7	440000	19000 J
Trichlorofluoromethane (CFC-11)	µg/kg	-	3.8 U	1900 U	3.6 U	19000 U	2100 U
Trifluorotrichloroethane (Freon 113)	µg/kg	-	7.6 U	3800 U	7.1 U	39000 U	4200 U
Vinyl chloride	µg/kg	-	7.6 U	3800 U	11	39000 U	4200 U
Xylenes (total)	µg/kg	-	5.1	7500	25	100000	71000
General Chemistry							
Fractional organic carbon (FOC)	%	37.4	4.20	2.80	1.20	4.60	3.90
Moisture content (dry weight)	%	-	20.2	21.9	12.7	21.2	24.5
pH	s.u.	5.27	-	-	-	-	-

Notes:

J Estimated.

U Non-detect at the associated value.

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 3B

ANALYTICAL RESULTS SUMMARY - TOTALS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-114*	*B-115*	*B-116*	*B-117*	*B-118*	*B-119*
Sample Name:		*S-050912-SAG-009*	*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*
Sample Date:		*5/9/2012*	*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*Duplicate*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*14-16 ft bgs*	*12-14 ft bgs*	*12-14 ft bgs*	*8-10 ft bgs*	*14-16 ft bgs*	*4-6 ft bgs*
	Units						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	220 U	36000 U	1500 U	78000	1700 U	3.6 U
1,1,2,2-Tetrachloroethane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,1,2-Trichloroethane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,1-Dichloroethane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,1-Dichloroethene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,2,4-Trichlorobenzene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,2-Dichlorobenzene	µg/kg	220 U	63000	1500 U	40000 U	1700 U	16
1,2-Dichloroethane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,2-Dichloropropane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,3-Dichlorobenzene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
1,4-Dichlorobenzene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	4.7
1,4-Dioxane	µg/kg	6500 U	1100000 U	44000 U	1200000 U	52000 U	110 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	2200 U	360000 U	15000 U	400000 U	47000	36 U
2-Hexanone	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	430 U	72000 U	2900 U	80000 U	9300	7.1 U
Acetone	µg/kg	4300 U	720000 U	29000 U	800000 U	35000 U	71 U
Benzene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Bromodichloromethane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Bromoform	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Bromomethane (Methyl bromide)	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Carbon disulfide	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
Carbon tetrachloride	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Chlorobenzene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Chloroethane	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
Chloroform (Trichloromethane)	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Chloromethane (Methyl chloride)	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
cis-1,2-Dichloroethene	µg/kg	5600	49000	13000	40000 U	35000	3.6 U
cis-1,3-Dichloropropene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Cyclohexane	µg/kg	220 UJ	36000 U	1500 U	40000 U	1700 U	3.6 U
Dibromochloromethane	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY - TOTALS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Location Name:		*B-114*	*B-115*	*B-116*	*B-117*	*B-118*	*B-119*
Sample Name:		*S-050912-SAG-009*	*S-051012-SAG-016*	*S-051012-SAG-017*	*S-051012-SAG-014*	*S-050912-SAG-012*	*S-051012-SAG-015*
Sample Date:		*5/9/2012*	*5/10/2012*	*5/10/2012*	*5/10/2012*	*5/9/2012*	*5/10/2012*
Sample Type:		*Duplicate*	*(orig)*	*(orig)*	*(orig)*	*(orig)*	*(orig)*
Depth:		*14-16 ft bgs*	*12-14 ft bgs*	*12-14 ft bgs*	*8-10 ft bgs*	*14-16 ft bgs*	*4-6 ft bgs*
	Units						
Volatile Organic Compounds (Continued)							
Dichlorodifluoromethane (CFC-12)	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
Ethylbenzene	µg/kg	970 J	46000	25000	40000 U	1700 U	3.6 U
Isopropyl benzene	µg/kg	220 U	36000 U	6100	40000 U	1700 U	3.6 U
Methyl acetate	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Methyl cyclohexane	µg/kg	520 J	36000 U	1500 U	40000 U	1700 U	3.6 U
Methyl tert butyl ether (MTBE)	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Methylene chloride	µg/kg	860 U	140000 U	5800 U	160000 U	7000 U	14 U
Styrene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Tetrachloroethene	µg/kg	310 J	36000 U	1500 U	200000	1700 U	3.6 U
Toluene	µg/kg	7200 J	340000	170000	140000	12000	3.6 U
trans-1,2-Dichloroethene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
trans-1,3-Dichloropropene	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Trichloroethene	µg/kg	2300 J	36000 U	1500 U	2000000	1700 U	3.6 U
Trichlorofluoromethane (CFC-11)	µg/kg	220 U	36000 U	1500 U	40000 U	1700 U	3.6 U
Trifluorotrichloroethane (Freon 113)	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
Vinyl chloride	µg/kg	430 U	72000 U	2900 U	80000 U	3500 U	7.1 U
Xylenes (total)	µg/kg	5000	270000	130000	70000	7600	3.6 U
General Chemistry							
Fractional organic carbon (FOC)	%	3.70	4.30	2.00	0.900	3.70	6.00
Moisture content (dry weight)	%	25.2	21.2	13.3	9.50	21.0	17.2
pH	s.u.	-	-	-	-	-	-

Notes:

J Estimated.

U Non-detect at the associated value.

UJ The analyte was not detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING SURROGATE RECOVERIES
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Sample Results*	*Units*
SPLP VOCs	4-Bromofluorobenzene	156	65-131	S-050912-SAG-001	Methyl cyclohexane	6.8 J	µg/L
					Chlorobenzene	8.6 J	µg/L
					cis-1,2-Dichloroethene	16 J	µg/L
					1,1,1-Trichloroethane	78 J	µg/L
					Methylene chloride	77 J	µg/L
					1,2-Dichlorobenzene	23 J	µg/L
					1,2-Dibromo-3-chloropropane (DBCP)	44 J	µg/L
					Isopropyl benzene	95 J	µg/L

Notes:
J Estimated.
VOCs Volatile Organic Compounds.
SPLP Synthetic Precipitation Leaching Procedure.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
SUPPLEMENTAL SOIL SAMPLING
ARIVEC SITE
DOUGLASVILLE, GEORGIA
MAY 2012

Parameter	*Analyte*	*Original Sample ID*	*Qualified Sample Result*	*Duplicate Sample ID*	*Qualified Sample Result*	*RPD*	*Units*
SPLP VOCs	Ethylbenzene	S-050912-SAG-008	5.5 J	S-050912-SAG-009	88 J	176	µg/L
	Methyl cyclohexane	S-050912-SAG-008	5.0 UJ	S-050912-SAG-009	13 J	NC	µg/L
	Methylene chloride	S-050912-SAG-008	5.0 UJ	S-050912-SAG-009	43 J	NC	µg/L
	Tetrachloroethene	S-050912-SAG-008	48 J	S-050912-SAG-009	93 J	64	µg/L
	Toluene	S-050912-SAG-008	25 J	S-050912-SAG-009	140 J	139	µg/L
	Trichloroethene	S-050912-SAG-008	5.0 UJ	S-050912-SAG-009	13 J	NC	µg/L
	Xylenes (total)	S-050912-SAG-008	30 J	S-050912-SAG-009	540 J	179	µg/L
VOCs	Cyclohexane	S-050912-SAG-008	3000 J	S-050912-SAG-009	220 UJ	NC	µg/kg
	Ethylbenzene	S-050912-SAG-008	13000 J	S-050912-SAG-009	970 J	172	µg/kg
	Methyl cyclohexane	S-050912-SAG-008	8900 J	S-050912-SAG-009	520 J	178	µg/kg
	Tetrachloroethene	S-050912-SAG-008	4500 J	S-050912-SAG-009	310 J	174	µg/kg
	Toluene	S-050912-SAG-008	64000 J	S-050912-SAG-009	7200 J	160	µg/kg
	Trichloroethene	S-050912-SAG-008	19000 J	S-050912-SAG-009	2300 J	157	µg/kg

Notes:

J Estimated.

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

SPLP Synthetic Precipitation Leaching Procedure.

RPD Relative percent difference.

VOCs Volatile Organic Compounds.

NC Not calculated; non-detect original or duplicate result.

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

AES

May 23, 2012

Mike Reinhardt
Conestoga, Rovers, & Associates, Inc.
3075 Breckinridge Blvd., Suite 470
Duluth GA 30096

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Arivec

Dear Mike Reinhardt: Order No: 1205A41

Analytical Environmental Services, Inc. received 18 samples on 5/10/2012 12:17:00 PM 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 07/01/11-06/30/12.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

CKKanhai

Chantelle Kanhai
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1205A41

Date: 5/10/12 Page 1 of 2

COMPANY:	ADDRESS:
GRA	3075 Breckenridge Blvd. Ste 470 Duluth, GA 30096
PHONE: 770-441-0027	FAX: 770-441-2050
SAMPLED BY: Steven Gray	SIGNATURE:

ANALYSIS REQUESTED

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	1,4-dioxane	SVOCs + 1,4-dioxane	VOCs	SPLP RCRA metals	SPLP PCBs	pH	NO3/NO2 (N) (Aqueous only)	REMARKS	No # of Containers
1	S-050912-SAG-001	5/9/12	850	X		SOIL			X	X						3
2	" " " -002		910	X				X	X	X						7
3	" " " -003		930	X				X	X	X						7
4	" " " -004		945	X				X	X	X						7
5	" " " -005		1000	X				X		X						5
6	" " " -006		1010	X				.	X	X						3
7	" " " -007		1040	X				X	X	X						7
8	" " " -008		1145	X				X	X	X						7
9	" " " -009		1150	X				X	X	X						7
10	" " " -010		1255	X					X	X						3
11	~~" " " -011~~ VOA		~~1315~~	~~X~~				~~X~~	~~X~~	~~X~~						
12	" " " -012		1415	X				X	X	X						7
13	" " " -013		1445	X					X	X						3
14	S-051012-SAG-014			X				X	X	X				X		15

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

Page 2 of 78

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	5/10/12 1217	1:	5/10/12 12:17
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Arivec
PROJECT #: 035029
SITE ADDRESS: Douglasville, GA
SEND REPORT TO: See SOW
INVOICE TO: (IF DIFFERENT FROM ABOVE) See SOW
QUOTE #: PO#:

SPECIAL INSTRUCTIONS/COMMENTS: See SOW ref. # 35029-0512

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

RECEIPT
Total # of Containers: 81

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

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1205A41

Date: 5/10/12 Page 2 of 2

COMPANY:	ADDRESS:
CRA	3015 Breckenridge Blvd Suite 470 Duluth, GA 30096
PHONE: 770-441-0027	FAX: 770-441-2050
SAMPLED BY: Steven Grace	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Total VOC + 1,4 dioxane	SPLP for VOC's	FOC	SPLP for Rockwell's	SPLP for PCB's	pH	REMARKS	No # of Containers
	PRESERVATION (See codes)													
1	S-051012-SAG-015	5/10/12	900	X		Soil	X	X	X					7
2	" " " -016		930	X			X	X	X					7
3	" " " -017		955	X			X	X	X					7
4	" " " -018		1015	X				X	X	X	X	X		5
5	" " " -019	↓	1025	X		↓		X	X	X	X	X		5
6														
7														
8														
9														
10														
11														
12														
13														
14														

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

Page 3 of 78

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	5/10/12 1217	1:	5/10/12 12:15
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Arivec
PROJECT #: 035029
SITE ADDRESS: Douglasville, GA
SEND REPORT TO: See SSOW
INVOICE TO: (IF DIFFERENT FROM ABOVE) See SSOW
QUOTE #: PO#:

RECEIPT

Total # of Containers: 31

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

SPECIAL INSTRUCTIONS/COMMENTS: See SSOW ref. # 35029-0512

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

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: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab ID: 1205A41

Case Narrative

pH Analysis by Method 9045D:

Samples for pH analysis by Method 9045D were received and analyzed outside holding time requirement of "immediate or 15 minutes".

Volatiles Organic Compounds Analysis by Method 8260B:

Trichloroethene values for the QC samples 1205A41-013AMS/MSD are "E" qualified indicating estimated values over linear calibration range due to the level of target analyte present in the unspiked sample.

Due to sample matrix, samples 1205A41-004, -005, -007, -008, -009, -011, -013, -015 and -016 required dilution during analysis resulting in elevated reporting limits.

SPLP VOCs Analysis by Method 1312:

Due to sample matrix, samples 1205A41-010, -015, -016, -017 and -018 required dilution during analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc

Date: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-001
Project Name:	Arivec	**Collection Date:**	5/9/2012 8:50:00 AM
Lab ID:	1205A41-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	78	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,2-Dibromo-3-chloropropane	44	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,2-Dichlorobenzene	23	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
1,4-Dioxane	BRL	150		ug/L	161618	1	05/17/2012 13:25	NP
2-Butanone	BRL	50		ug/L	161618	1	05/17/2012 13:25	NP
2-Hexanone	BRL	10		ug/L	161618	1	05/17/2012 13:25	NP
4-Methyl-2-pentanone	BRL	10		ug/L	161618	1	05/17/2012 13:25	NP
Acetone	BRL	50		ug/L	161618	1	05/17/2012 13:25	NP
Benzene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Bromoform	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Bromomethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Chlorobenzene	8.6	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Chloroethane	BRL	10		ug/L	161618	1	05/17/2012 13:25	NP
Chloroform	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Chloromethane	BRL	10		ug/L	161618	1	05/17/2012 13:25	NP
cis-1,2-Dichloroethene	16	5.0		ug/L	161618	1	05/17/2012 13:25	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Cyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Ethylbenzene	1000	500		ug/L	161618	100	05/17/2012 20:27	NP
Freon-113	BRL	10		ug/L	161618	1	05/17/2012 13:25	NP
Isopropylbenzene	95	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Methyl acetate	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Methylcyclohexane	6.8	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Methylene chloride	77	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Styrene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-001
Project Name:	Arivec	**Collection Date:**	5/9/2012 8:50:00 AM
Lab ID:	1205A41-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	4200	500		ug/L	161618	100	05/17/2012 20:27	NP
Toluene	3800	500		ug/L	161618	100	05/17/2012 20:27	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Trichloroethene	71	5.0		ug/L	161618	1	05/21/2012 18:23	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 13:25	NP
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/17/2012 13:25	NP
Xylenes, Total	6100	500		ug/L	161618	100	05/17/2012 20:27	NP
Surr: 4-Bromofluorobenzene	99.7	64.6-131		%REC	161618	100	05/17/2012 20:27	NP
Surr: 4-Bromofluorobenzene	107	64.6-131		%REC	161618	1	05/21/2012 18:23	JT
Surr: 4-Bromofluorobenzene	156	64.6-131	S	%REC	161618	1	05/17/2012 13:25	NP
Surr: Dibromofluoromethane	95.4	70.6-128		%REC	161618	1	05/21/2012 18:23	JT
Surr: Dibromofluoromethane	101	70.6-128		%REC	161618	1	05/17/2012 13:25	NP
Surr: Dibromofluoromethane	107	70.6-128		%REC	161618	100	05/17/2012 20:27	NP
Surr: Toluene-d8	91.6	70.5-116		%REC	161618	100	05/17/2012 20:27	NP
Surr: Toluene-d8	95.3	70.5-116		%REC	161618	1	05/21/2012 18:23	JT
Surr: Toluene-d8	98.2	70.5-116		%REC	161618	1	05/17/2012 13:25	NP
FOC/FOM ASTMD2974								
Fractional Organic Carbon	4.90	0.0580		%	161567	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-002
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:10:00 AM
Lab ID:	1205A41-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Dichlorodifluoromethane	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Chloromethane	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Vinyl chloride	11	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Bromomethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Chloroethane	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Acetone	BRL	71		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Freon-113	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Carbon disulfide	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Methyl acetate	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Methylene chloride	BRL	14		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,1-Dichloroethane	19	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
cis-1,2-Dichloroethene	29	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
2-Butanone	BRL	36		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Chloroform	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Cyclohexane	7.2	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Benzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Trichloroethene	5.7	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Methylcyclohexane	20	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Bromodichloromethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
4-Methyl-2-pentanone	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Toluene	17	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
2-Hexanone	BRL	7.1		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Tetrachloroethene	11	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Dibromochloromethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Chlorobenzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Ethylbenzene	9.9	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Styrene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Bromoform	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-002
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:10:00 AM
Lab ID:	1205A41-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Isopropylbenzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Xylenes, Total	25	3.6		ug/Kg-dry	161609	1	05/17/2012 01:23	HS
Surr: 4-Bromofluorobenzene	105	56.5-134		%REC	161609	1	05/17/2012 01:23	HS
Surr: Dibromofluoromethane	99.8	71.8-135		%REC	161609	1	05/17/2012 01:23	HS
Surr: Toluene-d8	99.9	77.1-117		%REC	161609	1	05/17/2012 01:23	HS
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
1,4-Dioxane	BRL	150		ug/L	161618	1	05/21/2012 14:32	JT
2-Butanone	BRL	50		ug/L	161618	1	05/21/2012 14:32	JT
2-Hexanone	BRL	10		ug/L	161618	1	05/21/2012 14:32	JT
4-Methyl-2-pentanone	BRL	10		ug/L	161618	1	05/21/2012 14:32	JT
Acetone	BRL	50		ug/L	161618	1	05/21/2012 14:32	JT
Benzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Bromoform	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Bromomethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Chloroethane	BRL	10		ug/L	161618	1	05/21/2012 14:32	JT
Chloroform	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Chloromethane	BRL	10		ug/L	161618	1	05/21/2012 14:32	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-002
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:10:00 AM
Lab ID:	1205A41-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Cyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Ethylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Freon-113	BRL	10		ug/L	161618	1	05/21/2012 14:32	JT
Isopropylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Methyl acetate	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Methylene chloride	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Styrene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Tetrachloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Toluene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Trichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/21/2012 14:32	JT
Xylenes, Total	BRL	5.0		ug/L	161618	1	05/21/2012 14:32	JT
Surr: 4-Bromofluorobenzene	92	64.6-131		%REC	161618	1	05/21/2012 14:32	JT
Surr: Dibromofluoromethane	100	70.6-128		%REC	161618	1	05/21/2012 14:32	JT
Surr: Toluene-d8	98.2	70.5-116		%REC	161618	1	05/21/2012 14:32	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.20	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R221368	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-003
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:30:00 AM
Lab ID:	1205A41-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Dichlorodifluoromethane	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Chloromethane	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Vinyl chloride	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Bromomethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Chloroethane	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Trichlorofluoromethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,1-Dichloroethene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Acetone	BRL	76		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Freon-113	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Carbon disulfide	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Methyl acetate	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Methylene chloride	BRL	15		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Methyl tert-butyl ether	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
trans-1,2-Dichloroethene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,1-Dichloroethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
cis-1,2-Dichloroethene	66	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
2-Butanone	BRL	38		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Chloroform	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,1,1-Trichloroethane	25	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Cyclohexane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Carbon tetrachloride	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Benzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,2-Dichloroethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Trichloroethene	150	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Methylcyclohexane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,2-Dichloropropane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Bromodichloromethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
cis-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
4-Methyl-2-pentanone	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Toluene	3.9	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
trans-1,3-Dichloropropene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,1,2-Trichloroethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
2-Hexanone	BRL	7.6		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Tetrachloroethene	160000	4000		ug/Kg-dry	161605	1000	05/18/2012 23:38	NH
Dibromochloromethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,2-Dibromoethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Chlorobenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Ethylbenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Styrene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Bromoform	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-003
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:30:00 AM
Lab ID:	1205A41-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Isopropylbenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,3-Dichlorobenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,4-Dichlorobenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,2-Dichlorobenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,2-Dibromo-3-chloropropane	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
1,2,4-Trichlorobenzene	BRL	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Xylenes, Total	5.1	3.8		ug/Kg-dry	161609	1	05/17/2012 01:48	HS
Surr: 4-Bromofluorobenzene	91.7	56.5-134		%REC	161609	1	05/17/2012 01:48	HS
Surr: 4-Bromofluorobenzene	97.4	56.5-134		%REC	161605	1000	05/18/2012 23:38	NH
Surr: Dibromofluoromethane	101	71.8-135		%REC	161609	1	05/17/2012 01:48	HS
Surr: Dibromofluoromethane	99.4	71.8-135		%REC	161605	1000	05/18/2012 23:38	NH
Surr: Toluene-d8	99	77.1-117		%REC	161609	1	05/17/2012 01:48	HS
Surr: Toluene-d8	93.7	77.1-117		%REC	161605	1000	05/18/2012 23:38	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	280	50		ug/L	161618	10	05/18/2012 01:45	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,1-Dichloroethane	7.6	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,1-Dichloroethene	10.0	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,2-Dibromoethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,2-Dichloroethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,2-Dichloropropane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
1,4-Dioxane	BRL	150		ug/L	161523	1	05/17/2012 14:16	NP
2-Butanone	120	50		ug/L	161523	1	05/17/2012 14:16	NP
2-Hexanone	BRL	10		ug/L	161523	1	05/17/2012 14:16	NP
4-Methyl-2-pentanone	170	10		ug/L	161523	1	05/17/2012 14:16	NP
Acetone	100	50		ug/L	161523	1	05/17/2012 14:16	NP
Benzene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Bromodichloromethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Bromoform	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Bromomethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Carbon disulfide	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Carbon tetrachloride	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Chlorobenzene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-003
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:30:00 AM
Lab ID:	1205A41-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Chloroethane	BRL	10		ug/L	161523	1	05/17/2012 14:16	NP
Chloroform	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Chloromethane	BRL	10		ug/L	161523	1	05/17/2012 14:16	NP
cis-1,2-Dichloroethene	160	50		ug/L	161618	10	05/18/2012 01:45	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Cyclohexane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Dibromochloromethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Dichlorodifluoromethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Ethylbenzene	290	50		ug/L	161618	10	05/18/2012 01:45	NP
Freon-113	BRL	10		ug/L	161523	1	05/17/2012 14:16	NP
Isopropylbenzene	17	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Methyl acetate	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Methylcyclohexane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Methylene chloride	20	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Styrene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Tetrachloroethene	56000	5000		ug/L	161618	1000	05/17/2012 19:29	NP
Toluene	650	50		ug/L	161618	10	05/18/2012 01:45	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Trichloroethene	1400	50		ug/L	161618	10	05/18/2012 01:45	NP
Trichlorofluoromethane	BRL	5.0		ug/L	161523	1	05/17/2012 14:16	NP
Vinyl chloride	BRL	2.0		ug/L	161523	1	05/17/2012 14:16	NP
Xylenes, Total	1700	50		ug/L	161618	10	05/18/2012 01:45	NP
Surr: 4-Bromofluorobenzene	90.8	64.6-131		%REC	161618	1000	05/17/2012 19:29	NP
Surr: 4-Bromofluorobenzene	105	64.6-131		%REC	161618	10	05/18/2012 01:45	NP
Surr: 4-Bromofluorobenzene	108	64.6-131		%REC	161523	1	05/17/2012 14:16	NP
Surr: Dibromofluoromethane	104	70.6-128		%REC	161523	1	05/17/2012 14:16	NP
Surr: Dibromofluoromethane	106	70.6-128		%REC	161618	1000	05/17/2012 19:29	NP
Surr: Dibromofluoromethane	110	70.6-128		%REC	161618	10	05/18/2012 01:45	NP
Surr: Toluene-d8	74.7	70.5-116		%REC	161618	10	05/18/2012 01:45	NP
Surr: Toluene-d8	91.8	70.5-116		%REC	161618	1000	05/17/2012 19:29	NP
Surr: Toluene-d8	107	70.5-116		%REC	161523	1	05/17/2012 14:16	NP
FOC/FOM ASTMD2974								
Fractional Organic Carbon	4.20	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	20.2	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-004
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:45:00 AM
Lab ID:	1205A41-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	57000		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Dichlorodifluoromethane	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Chloromethane	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Vinyl chloride	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Bromomethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Chloroethane	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Trichlorofluoromethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,1-Dichloroethene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Acetone	BRL	38000		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Freon-113	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Carbon disulfide	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Methyl acetate	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Methylene chloride	BRL	7500		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Methyl tert-butyl ether	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
trans-1,2-Dichloroethene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,1-Dichloroethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
cis-1,2-Dichloroethene	16000	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
2-Butanone	BRL	19000		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Chloroform	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,1,1-Trichloroethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Cyclohexane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Carbon tetrachloride	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Benzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,2-Dichloroethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Trichloroethene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Methylcyclohexane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,2-Dichloropropane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Bromodichloromethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
cis-1,3-Dichloropropene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
4-Methyl-2-pentanone	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Toluene	23000	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
trans-1,3-Dichloropropene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,1,2-Trichloroethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
2-Hexanone	BRL	3800		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Tetrachloroethene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Dibromochloromethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,2-Dibromoethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Chlorobenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Ethylbenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Styrene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Bromoform	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-004
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:45:00 AM
Lab ID:	1205A41-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Isopropylbenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,3-Dichlorobenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,4-Dichlorobenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,2-Dichlorobenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,2-Dibromo-3-chloropropane	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
1,2,4-Trichlorobenzene	BRL	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Xylenes, Total	7500	1900		ug/Kg-dry	161605	500	05/18/2012 20:16	NH
Surr: 4-Bromofluorobenzene	97.1	56.5-134		%REC	161605	500	05/18/2012 20:16	NH
Surr: Dibromofluoromethane	102	71.8-135		%REC	161605	500	05/18/2012 20:16	NH
Surr: Toluene-d8	96.7	77.1-117		%REC	161605	500	05/18/2012 20:16	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
1,4-Dioxane	BRL	150		ug/L	161618	1	05/21/2012 15:01	JT
2-Butanone	BRL	50		ug/L	161618	1	05/21/2012 15:01	JT
2-Hexanone	BRL	10		ug/L	161618	1	05/21/2012 15:01	JT
4-Methyl-2-pentanone	39	10		ug/L	161618	1	05/21/2012 15:01	JT
Acetone	BRL	50		ug/L	161618	1	05/21/2012 15:01	JT
Benzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Bromoform	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Bromomethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Chloroethane	BRL	10		ug/L	161618	1	05/21/2012 15:01	JT
Chloroform	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Chloromethane	BRL	10		ug/L	161618	1	05/21/2012 15:01	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-004
Project Name:	Arivec	**Collection Date:**	5/9/2012 9:45:00 AM
Lab ID:	1205A41-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	7.7	5.0		ug/L	161618	1	05/21/2012 15:01	JT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Cyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Ethylbenzene	14	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Freon-113	BRL	10		ug/L	161618	1	05/21/2012 15:01	JT
Isopropylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Methyl acetate	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Methylene chloride	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Styrene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Tetrachloroethene	7.0	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Toluene	67	5.0		ug/L	161618	1	05/21/2012 15:01	JT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Trichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/21/2012 15:01	JT
Xylenes, Total	91	5.0		ug/L	161618	1	05/21/2012 15:01	JT
Surr: 4-Bromofluorobenzene	98	64.6-131		%REC	161618	1	05/21/2012 15:01	JT
Surr: Dibromofluoromethane	99	70.6-128		%REC	161618	1	05/21/2012 15:01	JT
Surr: Toluene-d8	104	70.5-116		%REC	161618	1	05/21/2012 15:01	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.80	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.9	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-005
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:00:00 AM
Lab ID:	1205A41-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	610000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Dichlorodifluoromethane	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Chloromethane	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Vinyl chloride	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Bromomethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Chloroethane	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Trichlorofluoromethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,1-Dichloroethene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Acetone	BRL	410000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Freon-113	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Carbon disulfide	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Methyl acetate	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Methylene chloride	BRL	82000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Methyl tert-butyl ether	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
trans-1,2-Dichloroethene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,1-Dichloroethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
cis-1,2-Dichloroethene	200000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
2-Butanone	BRL	200000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Chloroform	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,1,1-Trichloroethane	71000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Cyclohexane	39000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Carbon tetrachloride	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Benzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,2-Dichloroethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Trichloroethene	33000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Methylcyclohexane	100000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,2-Dichloropropane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Bromodichloromethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
cis-1,3-Dichloropropene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
4-Methyl-2-pentanone	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Toluene	520000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
trans-1,3-Dichloropropene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,1,2-Trichloroethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
2-Hexanone	BRL	41000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Tetrachloroethene	52000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Dibromochloromethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,2-Dibromoethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Chlorobenzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Ethylbenzene	66000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Styrene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Bromoform	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-005
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:00:00 AM
Lab ID:	1205A41-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Isopropylbenzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,3-Dichlorobenzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,4-Dichlorobenzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,2-Dichlorobenzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,2-Dibromo-3-chloropropane	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
1,2,4-Trichlorobenzene	BRL	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Xylenes, Total	330000	20000		ug/Kg-dry	161605	5000	05/18/2012 19:25	NH
Surr: 4-Bromofluorobenzene	101	56.5-134		%REC	161605	5000	05/18/2012 19:25	NH
Surr: Dibromofluoromethane	97.6	71.8-135		%REC	161605	5000	05/18/2012 19:25	NH
Surr: Toluene-d8	96.4	77.1-117		%REC	161605	5000	05/18/2012 19:25	NH
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.10	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.6	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-006
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:10:00 AM
Lab ID:	1205A41-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
1,4-Dioxane	BRL	150		ug/L	161618	1	05/21/2012 16:29	JT
2-Butanone	5800	5000		ug/L	161618	100	05/17/2012 20:56	NP
2-Hexanone	29	10		ug/L	161618	1	05/21/2012 16:29	JT
4-Methyl-2-pentanone	2300	1000		ug/L	161618	100	05/17/2012 20:56	NP
Acetone	3200	2500		ug/L	161618	50	05/18/2012 18:26	NP
Benzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Bromoform	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Bromomethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Chloroethane	BRL	10		ug/L	161618	1	05/21/2012 16:29	JT
Chloroform	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Chloromethane	BRL	10		ug/L	161618	1	05/21/2012 16:29	JT
cis-1,2-Dichloroethene	13	5.0		ug/L	161618	1	05/21/2012 16:29	JT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Cyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Ethylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Freon-113	BRL	10		ug/L	161618	1	05/21/2012 16:29	JT
Isopropylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Methyl acetate	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Methylene chloride	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Styrene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-006
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:10:00 AM
Lab ID:	1205A41-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	14	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Toluene	26	5.0		ug/L	161618	1	05/21/2012 16:29	JT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Trichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/21/2012 16:29	JT
Xylenes, Total	14	5.0		ug/L	161618	1	05/21/2012 16:29	JT
Surr: 4-Bromofluorobenzene	91.3	64.6-131		%REC	161618	50	05/18/2012 18:26	NP
Surr: 4-Bromofluorobenzene	91.5	64.6-131		%REC	161618	1	05/21/2012 16:29	JT
Surr: 4-Bromofluorobenzene	91.9	64.6-131		%REC	161618	100	05/17/2012 20:56	NP
Surr: Dibromofluoromethane	109	70.6-128		%REC	161618	50	05/18/2012 18:26	NP
Surr: Dibromofluoromethane	101	70.6-128		%REC	161618	1	05/21/2012 16:29	JT
Surr: Dibromofluoromethane	108	70.6-128		%REC	161618	100	05/17/2012 20:56	NP
Surr: Toluene-d8	108	70.5-116		%REC	161618	50	05/18/2012 18:26	NP
Surr: Toluene-d8	104	70.5-116		%REC	161618	100	05/17/2012 20:56	NP
Surr: Toluene-d8	109	70.5-116		%REC	161618	1	05/21/2012 16:29	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	3.90	0.0580		%	161567	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-007
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:40:00 AM
Lab ID:	1205A41-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	580000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Dichlorodifluoromethane	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Chloromethane	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Vinyl chloride	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Bromomethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Chloroethane	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Trichlorofluoromethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,1-Dichloroethene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Acetone	BRL	390000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Freon-113	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Carbon disulfide	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Methyl acetate	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Methylene chloride	BRL	77000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Methyl tert-butyl ether	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
trans-1,2-Dichloroethene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,1-Dichloroethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
cis-1,2-Dichloroethene	57000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
2-Butanone	BRL	190000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Chloroform	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,1,1-Trichloroethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Cyclohexane	20000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Carbon tetrachloride	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Benzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,2-Dichloroethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Trichloroethene	440000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Methylcyclohexane	49000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,2-Dichloropropane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Bromodichloromethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
cis-1,3-Dichloropropene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
4-Methyl-2-pentanone	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Toluene	64000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
trans-1,3-Dichloropropene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,1,2-Trichloroethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
2-Hexanone	BRL	39000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Tetrachloroethene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Dibromochloromethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,2-Dibromoethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Chlorobenzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Ethylbenzene	20000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Styrene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Bromoform	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-007
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:40:00 AM
Lab ID:	1205A41-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Isopropylbenzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,3-Dichlorobenzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,4-Dichlorobenzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,2-Dichlorobenzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,2-Dibromo-3-chloropropane	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
1,2,4-Trichlorobenzene	BRL	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Xylenes, Total	100000	19000		ug/Kg-dry	161605	5000	05/18/2012 19:51	NH
Surr: 4-Bromofluorobenzene	100	56.5-134		%REC	161605	5000	05/18/2012 19:51	NH
Surr: Dibromofluoromethane	96.3	71.8-135		%REC	161605	5000	05/18/2012 19:51	NH
Surr: Toluene-d8	97.1	77.1-117		%REC	161605	5000	05/18/2012 19:51	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,2-Dichlorobenzene	5.1	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
1,4-Dioxane	BRL	150		ug/L	161618	1	05/21/2012 17:58	JT
2-Butanone	BRL	50		ug/L	161618	1	05/21/2012 17:58	JT
2-Hexanone	BRL	10		ug/L	161618	1	05/21/2012 17:58	JT
4-Methyl-2-pentanone	14	10		ug/L	161618	1	05/21/2012 17:58	JT
Acetone	BRL	50		ug/L	161618	1	05/21/2012 17:58	JT
Benzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Bromoform	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Bromomethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Chloroethane	BRL	10		ug/L	161618	1	05/21/2012 17:58	JT
Chloroform	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Chloromethane	BRL	10		ug/L	161618	1	05/21/2012 17:58	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-007
Project Name:	Arivec	**Collection Date:**	5/9/2012 10:40:00 AM
Lab ID:	1205A41-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	25	5.0		ug/L	161618	1	05/21/2012 17:58	JT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Cyclohexane	7.6	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Ethylbenzene	90	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Freon-113	BRL	10		ug/L	161618	1	05/21/2012 17:58	JT
Isopropylbenzene	20	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Methyl acetate	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Methylcyclohexane	22	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Methylene chloride	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Styrene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Tetrachloroethene	50	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Toluene	160	100		ug/L	161618	50	05/21/2012 16:42	JT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Trichloroethene	520	250		ug/L	161618	50	05/21/2012 16:42	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/21/2012 17:58	JT
Xylenes, Total	590	5.0		ug/L	161618	1	05/21/2012 17:58	JT
Surr: 4-Bromofluorobenzene	97.2	64.6-131		%REC	161618	50	05/21/2012 16:42	JT
Surr: 4-Bromofluorobenzene	107	64.6-131		%REC	161618	1	05/21/2012 17:58	JT
Surr: Dibromofluoromethane	95.9	70.6-128		%REC	161618	50	05/21/2012 16:42	JT
Surr: Dibromofluoromethane	97.1	70.6-128		%REC	161618	1	05/21/2012 17:58	JT
Surr: Toluene-d8	92.9	70.5-116		%REC	161618	50	05/21/2012 16:42	JT
Surr: Toluene-d8	98.9	70.5-116		%REC	161618	1	05/21/2012 17:58	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	4.60	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.2	0		wt%	R221368	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-008
Project Name:	Arivec	**Collection Date:**	5/9/2012 11:45:00 AM
Lab ID:	1205A41-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	63000		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Dichlorodifluoromethane	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Chloromethane	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Vinyl chloride	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Bromomethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Chloroethane	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Trichlorofluoromethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,1-Dichloroethene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Acetone	BRL	42000		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Freon-113	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Carbon disulfide	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Methyl acetate	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Methylene chloride	BRL	8400		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Methyl tert-butyl ether	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
trans-1,2-Dichloroethene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,1-Dichloroethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
cis-1,2-Dichloroethene	11000	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
2-Butanone	BRL	21000		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Chloroform	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,1,1-Trichloroethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Cyclohexane	3000	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Carbon tetrachloride	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Benzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,2-Dichloroethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Trichloroethene	19000	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Methylcyclohexane	8900	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,2-Dichloropropane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Bromodichloromethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
cis-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
4-Methyl-2-pentanone	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Toluene	64000	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
trans-1,3-Dichloropropene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,1,2-Trichloroethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
2-Hexanone	BRL	4200		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Tetrachloroethene	4500	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Dibromochloromethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,2-Dibromoethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Chlorobenzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Ethylbenzene	13000	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Styrene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Bromoform	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-008
Project Name:	Arivec	**Collection Date:**	5/9/2012 11:45:00 AM
Lab ID:	1205A41-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Isopropylbenzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,3-Dichlorobenzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,4-Dichlorobenzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,2-Dichlorobenzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,2-Dibromo-3-chloropropane	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
1,2,4-Trichlorobenzene	BRL	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Xylenes, Total	71000	2100		ug/Kg-dry	161605	500	05/18/2012 20:41	NH
Surr: 4-Bromofluorobenzene	106	56.5-134		%REC	161605	500	05/18/2012 20:41	NH
Surr: Dibromofluoromethane	96.9	71.8-135		%REC	161605	500	05/18/2012 20:41	NH
Surr: Toluene-d8	97.3	77.1-117		%REC	161605	500	05/18/2012 20:41	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
1,4-Dioxane	BRL	150		ug/L	161618	1	05/17/2012 17:14	NP
2-Butanone	BRL	50		ug/L	161618	1	05/17/2012 17:14	NP
2-Hexanone	BRL	10		ug/L	161618	1	05/17/2012 17:14	NP
4-Methyl-2-pentanone	12	10		ug/L	161618	1	05/17/2012 17:14	NP
Acetone	BRL	50		ug/L	161618	1	05/17/2012 17:14	NP
Benzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Bromoform	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Bromomethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Chloroethane	BRL	10		ug/L	161618	1	05/17/2012 17:14	NP
Chloroform	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Chloromethane	BRL	10		ug/L	161618	1	05/17/2012 17:14	NP

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-008
Project Name:	Arivec	**Collection Date:**	5/9/2012 11:45:00 AM
Lab ID:	1205A41-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Cyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Ethylbenzene	5.5	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Freon-113	BRL	10		ug/L	161618	1	05/17/2012 17:14	NP
Isopropylbenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Methyl acetate	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Methylene chloride	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Styrene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Tetrachloroethene	48	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Toluene	25	5.0		ug/L	161618	1	05/17/2012 17:14	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Trichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/17/2012 17:14	NP
Xylenes, Total	30	5.0		ug/L	161618	1	05/17/2012 17:14	NP
Surr: 4-Bromofluorobenzene	98	64.6-131		%REC	161618	1	05/17/2012 17:14	NP
Surr: Dibromofluoromethane	99.7	70.6-128		%REC	161618	1	05/17/2012 17:14	NP
Surr: Toluene-d8	98	70.5-116		%REC	161618	1	05/17/2012 17:14	NP
FOC/FOM ASTMD2974								
Fractional Organic Carbon	3.90	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	24.5	0		wt%	R221368	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-009
Project Name:	Arivec	**Collection Date:**	5/9/2012 11:50:00 AM
Lab ID:	1205A41-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	6500		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Dichlorodifluoromethane	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Chloromethane	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Vinyl chloride	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Bromomethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Chloroethane	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Trichlorofluoromethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,1-Dichloroethene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Acetone	BRL	4300		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Freon-113	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Carbon disulfide	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Methyl acetate	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Methylene chloride	BRL	860		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Methyl tert-butyl ether	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
trans-1,2-Dichloroethene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,1-Dichloroethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
cis-1,2-Dichloroethene	5600	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
2-Butanone	BRL	2200		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Chloroform	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,1,1-Trichloroethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Cyclohexane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Carbon tetrachloride	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Benzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,2-Dichloroethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Trichloroethene	2300	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Methylcyclohexane	520	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,2-Dichloropropane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Bromodichloromethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
cis-1,3-Dichloropropene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
4-Methyl-2-pentanone	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Toluene	7200	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
trans-1,3-Dichloropropene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,1,2-Trichloroethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
2-Hexanone	BRL	430		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Tetrachloroethene	310	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Dibromochloromethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,2-Dibromoethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Chlorobenzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Ethylbenzene	970	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Styrene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Bromoform	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-009
Project Name:	Arivec	**Collection Date:**	5/9/2012 11:50:00 AM
Lab ID:	1205A41-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Isopropylbenzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,3-Dichlorobenzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,4-Dichlorobenzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,2-Dichlorobenzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,2-Dibromo-3-chloropropane	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
1,2,4-Trichlorobenzene	BRL	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Xylenes, Total	5000	220		ug/Kg-dry	161605	50	05/18/2012 22:22	NH
Surr: 4-Bromofluorobenzene	104	56.5-134		%REC	161605	50	05/18/2012 22:22	NH
Surr: Dibromofluoromethane	95.5	71.8-135		%REC	161605	50	05/18/2012 22:22	NH
Surr: Toluene-d8	97	77.1-117		%REC	161605	50	05/18/2012 22:22	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
1,4-Dioxane	BRL	150		ug/L	161618	1	05/17/2012 17:40	NP
2-Butanone	BRL	50		ug/L	161618	1	05/17/2012 17:40	NP
2-Hexanone	BRL	10		ug/L	161618	1	05/17/2012 17:40	NP
4-Methyl-2-pentanone	BRL	10		ug/L	161618	1	05/17/2012 17:40	NP
Acetone	BRL	50		ug/L	161618	1	05/17/2012 17:40	NP
Benzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Bromoform	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Bromomethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Carbon disulfide	5.1	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Chloroethane	BRL	10		ug/L	161618	1	05/17/2012 17:40	NP
Chloroform	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Chloromethane	BRL	10		ug/L	161618	1	05/17/2012 17:40	NP

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-009
Project Name:	Arivec	**Collection Date:**	5/9/2012 11:50:00 AM
Lab ID:	1205A41-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Cyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Ethylbenzene	88	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Freon-113	BRL	10		ug/L	161618	1	05/17/2012 17:40	NP
Isopropylbenzene	9.0	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Methyl acetate	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Methylcyclohexane	13	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Methylene chloride	43	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Styrene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Tetrachloroethene	93	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Toluene	140	5.0		ug/L	161618	1	05/17/2012 17:40	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Trichloroethene	13	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 17:40	NP
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/17/2012 17:40	NP
Xylenes, Total	540	50		ug/L	161618	10	05/18/2012 17:28	NP
Surr: 4-Bromofluorobenzene	106	64.6-131		%REC	161618	10	05/18/2012 17:28	NP
Surr: 4-Bromofluorobenzene	108	64.6-131		%REC	161618	1	05/17/2012 17:40	NP
Surr: Dibromofluoromethane	97.5	70.6-128		%REC	161618	1	05/17/2012 17:40	NP
Surr: Dibromofluoromethane	108	70.6-128		%REC	161618	10	05/18/2012 17:28	NP
Surr: Toluene-d8	96.6	70.5-116		%REC	161618	1	05/17/2012 17:40	NP
Surr: Toluene-d8	96.2	70.5-116		%REC	161618	10	05/18/2012 17:28	NP
FOC/FOM ASTMD2974								
Fractional Organic Carbon	3.70	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.2	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-010
Project Name:	Arivec	**Collection Date:**	5/9/2012 12:55:00 PM
Lab ID:	1205A41-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,1-Dichloroethane	52	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,1-Dichloroethene	11	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,2-Dichlorobenzene	1300	500		ug/L	161618	100	05/18/2012 17:57	NP
1,2-Dichloroethane	30	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,2-Dichloropropane	15	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,3-Dichlorobenzene	82	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,4-Dichlorobenzene	180	5.0		ug/L	161618	1	05/17/2012 18:05	NP
1,4-Dioxane	BRL	150		ug/L	161618	1	05/17/2012 18:05	NP
2-Butanone	BRL	50		ug/L	161618	1	05/17/2012 18:05	NP
2-Hexanone	BRL	10		ug/L	161618	1	05/17/2012 18:05	NP
4-Methyl-2-pentanone	550	500		ug/L	161618	100	05/18/2012 17:57	NP
Acetone	BRL	50		ug/L	161618	1	05/17/2012 18:05	NP
Benzene	22	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Bromoform	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Bromomethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Chlorobenzene	8.1	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Chloroethane	BRL	10		ug/L	161618	1	05/17/2012 18:05	NP
Chloroform	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Chloromethane	BRL	10		ug/L	161618	1	05/17/2012 18:05	NP
cis-1,2-Dichloroethene	8100	2500		ug/L	161618	500	05/17/2012 19:58	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Cyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Ethylbenzene	11000	2500		ug/L	161618	500	05/17/2012 19:58	NP
Freon-113	BRL	10		ug/L	161618	1	05/17/2012 18:05	NP
Isopropylbenzene	160	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Methyl acetate	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Methylcyclohexane	16	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Methylene chloride	28	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Styrene	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-010
Project Name:	Arivec	**Collection Date:**	5/9/2012 12:55:00 PM
Lab ID:	1205A41-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	150	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Toluene	31000	2500		ug/L	161618	500	05/17/2012 19:58	NP
trans-1,2-Dichloroethene	8.8	5.0		ug/L	161618	1	05/17/2012 18:05	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Trichloroethene	30	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:05	NP
Vinyl chloride	36	2.0		ug/L	161618	1	05/17/2012 18:05	NP
Xylenes, Total	45000	2500		ug/L	161618	500	05/17/2012 19:58	NP
Surr: 4-Bromofluorobenzene	105	64.6-131		%REC	161618	500	05/17/2012 19:58	NP
Surr: 4-Bromofluorobenzene	102	64.6-131		%REC	161618	100	05/18/2012 17:57	NP
Surr: 4-Bromofluorobenzene	120	64.6-131		%REC	161618	1	05/17/2012 18:05	NP
Surr: Dibromofluoromethane	109	70.6-128		%REC	161618	500	05/17/2012 19:58	NP
Surr: Dibromofluoromethane	103	70.6-128		%REC	161618	1	05/17/2012 18:05	NP
Surr: Dibromofluoromethane	106	70.6-128		%REC	161618	100	05/18/2012 17:57	NP
Surr: Toluene-d8	97	70.5-116		%REC	161618	100	05/18/2012 17:57	NP
Surr: Toluene-d8	92	70.5-116		%REC	161618	500	05/17/2012 19:58	NP
Surr: Toluene-d8	91.8	70.5-116		%REC	161618	1	05/17/2012 18:05	NP
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.90	0.0580		%	161567	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-012
Project Name:	Arivec	**Collection Date:**	5/9/2012 2:15:00 PM
Lab ID:	1205A41-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	52000		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Dichlorodifluoromethane	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Chloromethane	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Vinyl chloride	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Bromomethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Chloroethane	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Trichlorofluoromethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,1-Dichloroethene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Acetone	BRL	35000		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Freon-113	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Carbon disulfide	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Methyl acetate	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Methylene chloride	BRL	7000		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Methyl tert-butyl ether	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
trans-1,2-Dichloroethene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,1-Dichloroethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
cis-1,2-Dichloroethene	35000	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
2-Butanone	47000	17000		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Chloroform	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,1,1-Trichloroethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Cyclohexane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Carbon tetrachloride	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Benzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,2-Dichloroethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Trichloroethene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Methylcyclohexane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,2-Dichloropropane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Bromodichloromethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
cis-1,3-Dichloropropene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
4-Methyl-2-pentanone	9300	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Toluene	12000	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
trans-1,3-Dichloropropene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,1,2-Trichloroethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
2-Hexanone	BRL	3500		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Tetrachloroethene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Dibromochloromethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,2-Dibromoethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Chlorobenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Ethylbenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Styrene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Bromoform	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-012
Project Name:	Arivec	**Collection Date:**	5/9/2012 2:15:00 PM
Lab ID:	1205A41-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Isopropylbenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,3-Dichlorobenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,4-Dichlorobenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,2-Dichlorobenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,2-Dibromo-3-chloropropane	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
1,2,4-Trichlorobenzene	BRL	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Xylenes, Total	7600	1700		ug/Kg-dry	161605	500	05/18/2012 21:06	NH
Surr: 4-Bromofluorobenzene	97.1	56.5-134		%REC	161605	500	05/18/2012 21:06	NH
Surr: Dibromofluoromethane	99.2	71.8-135		%REC	161605	500	05/18/2012 21:06	NH
Surr: Toluene-d8	97.7	77.1-117		%REC	161605	500	05/18/2012 21:06	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
1,4-Dioxane	BRL	150		ug/L	161618	1	05/21/2012 17:33	JT
2-Butanone	1100	1000		ug/L	161618	100	05/18/2012 00:18	NP
2-Hexanone	24	10		ug/L	161618	1	05/21/2012 17:33	JT
4-Methyl-2-pentanone	240	10		ug/L	161618	1	05/21/2012 17:33	JT
Acetone	240	50		ug/L	161618	1	05/21/2012 17:33	JT
Benzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Bromoform	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Bromomethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Chloroethane	BRL	10		ug/L	161618	1	05/21/2012 17:33	JT
Chloroform	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Chloromethane	BRL	10		ug/L	161618	1	05/21/2012 17:33	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-012
Project Name:	Arivec	**Collection Date:**	5/9/2012 2:15:00 PM
Lab ID:	1205A41-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	27	5.0		ug/L	161618	1	05/21/2012 17:33	JT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Cyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Ethylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Freon-113	BRL	10		ug/L	161618	1	05/21/2012 17:33	JT
Isopropylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Methyl acetate	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Methylene chloride	6.9	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Styrene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Tetrachloroethene	1400	500		ug/L	161618	100	05/18/2012 00:18	NP
Toluene	12	5.0		ug/L	161618	1	05/21/2012 17:33	JT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Trichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/21/2012 17:33	JT
Xylenes, Total	18	5.0		ug/L	161618	1	05/21/2012 17:33	JT
Surr: 4-Bromofluorobenzene	91	64.6-131		%REC	161618	100	05/18/2012 00:18	NP
Surr: 4-Bromofluorobenzene	98.2	64.6-131		%REC	161618	1	05/21/2012 17:33	JT
Surr: Dibromofluoromethane	97.4	70.6-128		%REC	161618	1	05/21/2012 17:33	JT
Surr: Dibromofluoromethane	104	70.6-128		%REC	161618	100	05/18/2012 00:18	NP
Surr: Toluene-d8	92.8	70.5-116		%REC	161618	100	05/18/2012 00:18	NP
Surr: Toluene-d8	98	70.5-116		%REC	161618	1	05/21/2012 17:33	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	3.70	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.0	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-013
Project Name:	Arivec	**Collection Date:**	5/9/2012 2:45:00 PM
Lab ID:	1205A41-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	13	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
1,4-Dioxane	BRL	150		ug/L	161618	1	05/17/2012 18:56	NP
2-Butanone	65	50		ug/L	161618	1	05/17/2012 18:56	NP
2-Hexanone	BRL	10		ug/L	161618	1	05/17/2012 18:56	NP
4-Methyl-2-pentanone	270	10		ug/L	161618	1	05/17/2012 18:56	NP
Acetone	BRL	50		ug/L	161618	1	05/17/2012 18:56	NP
Benzene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Bromoform	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Bromomethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Chlorobenzene	49	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Chloroethane	BRL	10		ug/L	161618	1	05/17/2012 18:56	NP
Chloroform	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Chloromethane	BRL	10		ug/L	161618	1	05/17/2012 18:56	NP
cis-1,2-Dichloroethene	77	5.0		ug/L	161618	1	05/17/2012 18:56	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Cyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Ethylbenzene	290	200		ug/L	161618	100	05/18/2012 00:47	NP
Freon-113	BRL	10		ug/L	161618	1	05/17/2012 18:56	NP
Isopropylbenzene	5.7	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Methyl acetate	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Methylene chloride	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Styrene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-050912-SAG-013
Project Name:	Arivec	**Collection Date:**	5/9/2012 2:45:00 PM
Lab ID:	1205A41-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	3000	500		ug/L	161618	100	05/18/2012 00:47	NP
Toluene	2800	500		ug/L	161618	100	05/18/2012 00:47	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Trichloroethene	15000	500		ug/L	161618	100	05/18/2012 00:47	NP
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/17/2012 18:56	NP
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/17/2012 18:56	NP
Xylenes, Total	1100	500		ug/L	161618	100	05/18/2012 00:47	NP
Surr: 4-Bromofluorobenzene	98.1	64.6-131		%REC	161618	100	05/18/2012 00:47	NP
Surr: 4-Bromofluorobenzene	105	64.6-131		%REC	161618	1	05/17/2012 18:56	NP
Surr: Dibromofluoromethane	94.5	70.6-128		%REC	161618	1	05/17/2012 18:56	NP
Surr: Dibromofluoromethane	107	70.6-128		%REC	161618	100	05/18/2012 00:47	NP
Surr: Toluene-d8	95	70.5-116		%REC	161618	100	05/18/2012 00:47	NP
Surr: Toluene-d8	105	70.5-116		%REC	161618	1	05/17/2012 18:56	NP
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.60	0.0580		%	161567	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-014
Project Name:	Arivec	**Collection Date:**	5/10/2012
Lab ID:	1205A41-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	1200000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Dichlorodifluoromethane	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Chloromethane	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Vinyl chloride	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Bromomethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Chloroethane	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Trichlorofluoromethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,1-Dichloroethene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Acetone	BRL	800000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Freon-113	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Carbon disulfide	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Methyl acetate	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Methylene chloride	BRL	160000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Methyl tert-butyl ether	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
trans-1,2-Dichloroethene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,1-Dichloroethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
cis-1,2-Dichloroethene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
2-Butanone	BRL	400000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Chloroform	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,1,1-Trichloroethane	78000	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Cyclohexane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Carbon tetrachloride	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Benzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,2-Dichloroethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Trichloroethene	2000000	200000		ug/Kg-dry	161605	50000	05/19/2012 00:03	NH
Methylcyclohexane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,2-Dichloropropane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Bromodichloromethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
cis-1,3-Dichloropropene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
4-Methyl-2-pentanone	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Toluene	140000	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
trans-1,3-Dichloropropene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,1,2-Trichloroethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
2-Hexanone	BRL	80000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Tetrachloroethene	200000	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Dibromochloromethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,2-Dibromoethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Chlorobenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Ethylbenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Styrene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Bromoform	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-014
Project Name:	Arivec	**Collection Date:**	5/10/2012
Lab ID:	1205A41-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Isopropylbenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,3-Dichlorobenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,4-Dichlorobenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,2-Dichlorobenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,2-Dibromo-3-chloropropane	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
1,2,4-Trichlorobenzene	BRL	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Xylenes, Total	70000	40000		ug/Kg-dry	161605	10000	05/18/2012 17:45	NH
Surr: 4-Bromofluorobenzene	94.3	56.5-134		%REC	161605	50000	05/19/2012 00:03	NH
Surr: 4-Bromofluorobenzene	96.4	56.5-134		%REC	161605	10000	05/18/2012 17:45	NH
Surr: Dibromofluoromethane	99	71.8-135		%REC	161605	50000	05/19/2012 00:03	NH
Surr: Dibromofluoromethane	99.3	71.8-135		%REC	161605	10000	05/18/2012 17:45	NH
Surr: Toluene-d8	95	77.1-117		%REC	161605	50000	05/19/2012 00:03	NH
Surr: Toluene-d8	96.5	77.1-117		%REC	161605	10000	05/18/2012 17:45	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,1,2,2-Tetrachloroethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,1,2-Trichloroethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,1-Dichloroethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,1-Dichloroethene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,2,4-Trichlorobenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,2-Dibromo-3-chloropropane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,2-Dibromoethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,2-Dichlorobenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,2-Dichloroethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,2-Dichloropropane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,3-Dichlorobenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,4-Dichlorobenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
1,4-Dioxane	BRL	1500		ug/L	161618	10	05/21/2012 15:52	JT
2-Butanone	BRL	500		ug/L	161618	10	05/21/2012 15:52	JT
2-Hexanone	BRL	100		ug/L	161618	10	05/21/2012 15:52	JT
4-Methyl-2-pentanone	BRL	100		ug/L	161618	10	05/21/2012 15:52	JT
Acetone	BRL	500		ug/L	161618	10	05/21/2012 15:52	JT
Benzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Bromodichloromethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Bromoform	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Bromomethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Carbon disulfide	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Carbon tetrachloride	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Chlorobenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-014
Project Name:	Arivec	**Collection Date:**	5/10/2012
Lab ID:	1205A41-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Chloroethane	BRL	100		ug/L	161618	10	05/21/2012 15:52	JT
Chloroform	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Chloromethane	BRL	100		ug/L	161618	10	05/21/2012 15:52	JT
cis-1,2-Dichloroethene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
cis-1,3-Dichloropropene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Cyclohexane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Dibromochloromethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Dichlorodifluoromethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Ethylbenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Freon-113	BRL	100		ug/L	161618	10	05/21/2012 15:52	JT
Isopropylbenzene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Methyl acetate	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Methyl tert-butyl ether	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Methylcyclohexane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Methylene chloride	62	50		ug/L	161618	10	05/21/2012 15:52	JT
Styrene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Tetrachloroethene	730	50		ug/L	161618	10	05/21/2012 15:52	JT
Toluene	450	50		ug/L	161618	10	05/21/2012 15:52	JT
trans-1,2-Dichloroethene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
trans-1,3-Dichloropropene	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Trichloroethene	2200	500		ug/L	161618	100	05/17/2012 22:51	NP
Trichlorofluoromethane	BRL	50		ug/L	161618	10	05/21/2012 15:52	JT
Vinyl chloride	BRL	20		ug/L	161618	10	05/21/2012 15:52	JT
Xylenes, Total	200	50		ug/L	161618	10	05/21/2012 15:52	JT
Surr: 4-Bromofluorobenzene	90.3	64.6-131		%REC	161618	100	05/17/2012 22:51	NP
Surr: 4-Bromofluorobenzene	97	64.6-131		%REC	161618	10	05/21/2012 15:52	JT
Surr: Dibromofluoromethane	94.9	70.6-128		%REC	161618	10	05/21/2012 15:52	JT
Surr: Dibromofluoromethane	105	70.6-128		%REC	161618	100	05/17/2012 22:51	NP
Surr: Toluene-d8	91.7	70.5-116		%REC	161618	100	05/17/2012 22:51	NP
Surr: Toluene-d8	94.3	70.5-116		%REC	161618	10	05/21/2012 15:52	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	0.900	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	9.50	0		wt%	R221368	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-015
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:00:00 AM
Lab ID:	1205A41-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Dichlorodifluoromethane	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Chloromethane	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Vinyl chloride	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Bromomethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Chloroethane	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Acetone	BRL	71		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Freon-113	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Carbon disulfide	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Methyl acetate	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Methylene chloride	BRL	14		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
2-Butanone	BRL	36		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Chloroform	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Cyclohexane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Benzene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Trichloroethene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Methylcyclohexane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Bromodichloromethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
4-Methyl-2-pentanone	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Toluene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
2-Hexanone	BRL	7.1		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Tetrachloroethene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Dibromochloromethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Chlorobenzene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Ethylbenzene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Styrene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Bromoform	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-015
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:00:00 AM
Lab ID:	1205A41-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Isopropylbenzene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,4-Dichlorobenzene	4.7	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,2-Dichlorobenzene	16	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Xylenes, Total	BRL	3.6		ug/Kg-dry	161731	1	05/21/2012 17:39	HS
Surr: 4-Bromofluorobenzene	94.4	56.5-134		%REC	161731	1	05/21/2012 17:39	HS
Surr: Dibromofluoromethane	102	71.8-135		%REC	161731	1	05/21/2012 17:39	HS
Surr: Toluene-d8	94.6	77.1-117		%REC	161731	1	05/21/2012 17:39	HS
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,1,2-Trichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,1-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,1-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,2-Dibromoethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,2-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,2-Dichloroethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,2-Dichloropropane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,3-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,4-Dichlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
1,4-Dioxane	BRL	150		ug/L	161618	1	05/21/2012 16:17	JT
2-Butanone	BRL	50		ug/L	161618	1	05/21/2012 16:17	JT
2-Hexanone	BRL	10		ug/L	161618	1	05/21/2012 16:17	JT
4-Methyl-2-pentanone	BRL	10		ug/L	161618	1	05/21/2012 16:17	JT
Acetone	BRL	50		ug/L	161618	1	05/21/2012 16:17	JT
Benzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Bromodichloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Bromoform	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Bromomethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Carbon disulfide	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Carbon tetrachloride	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Chlorobenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Chloroethane	BRL	10		ug/L	161618	1	05/21/2012 16:17	JT
Chloroform	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Chloromethane	BRL	10		ug/L	161618	1	05/21/2012 16:17	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-015
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:00:00 AM
Lab ID:	1205A41-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Cyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Dibromochloromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Dichlorodifluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Ethylbenzene	17	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Freon-113	BRL	10		ug/L	161618	1	05/21/2012 16:17	JT
Isopropylbenzene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Methyl acetate	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Methyl tert-butyl ether	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Methylcyclohexane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Methylene chloride	5.9	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Styrene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Tetrachloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Toluene	110	5.0		ug/L	161618	1	05/21/2012 16:17	JT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Trichloroethene	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Trichlorofluoromethane	BRL	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Vinyl chloride	BRL	2.0		ug/L	161618	1	05/21/2012 16:17	JT
Xylenes, Total	98	5.0		ug/L	161618	1	05/21/2012 16:17	JT
Surr: 4-Bromofluorobenzene	101	64.6-131		%REC	161618	1	05/21/2012 16:17	JT
Surr: Dibromofluoromethane	93.5	70.6-128		%REC	161618	1	05/21/2012 16:17	JT
Surr: Toluene-d8	93.2	70.5-116		%REC	161618	1	05/21/2012 16:17	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	6.00	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R221368	1	05/16/2012 17:10	CG

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: 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-016
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:35:00 AM
Lab ID:	1205A41-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	1100000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Dichlorodifluoromethane	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Chloromethane	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Vinyl chloride	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Bromomethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Chloroethane	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Trichlorofluoromethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,1-Dichloroethene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Acetone	BRL	720000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Freon-113	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Carbon disulfide	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Methyl acetate	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Methylene chloride	BRL	140000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Methyl tert-butyl ether	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
trans-1,2-Dichloroethene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,1-Dichloroethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
cis-1,2-Dichloroethene	49000	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
2-Butanone	BRL	360000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Chloroform	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,1,1-Trichloroethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Cyclohexane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Carbon tetrachloride	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Benzene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,2-Dichloroethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Trichloroethene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Methylcyclohexane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,2-Dichloropropane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Bromodichloromethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
cis-1,3-Dichloropropene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
4-Methyl-2-pentanone	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Toluene	340000	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
trans-1,3-Dichloropropene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,1,2-Trichloroethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
2-Hexanone	BRL	72000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Tetrachloroethene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Dibromochloromethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,2-Dibromoethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Chlorobenzene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Ethylbenzene	46000	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Styrene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Bromoform	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT

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)
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- Narr See case narrative
- NC Not confirmed
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Analytical Environmental Services, Inc **Date:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-016
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:35:00 AM
Lab ID:	1205A41-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Isopropylbenzene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,3-Dichlorobenzene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,4-Dichlorobenzene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,2-Dichlorobenzene	63000	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,2-Dibromo-3-chloropropane	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
1,2,4-Trichlorobenzene	BRL	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Xylenes, Total	270000	36000		ug/Kg-dry	161605	10000	05/21/2012 13:44	JT
Surr: 4-Bromofluorobenzene	100	56.5-134		%REC	161605	10000	05/21/2012 13:44	JT
Surr: Dibromofluoromethane	94.4	71.8-135		%REC	161605	10000	05/21/2012 13:44	JT
Surr: Toluene-d8	94.8	77.1-117		%REC	161605	10000	05/21/2012 13:44	JT
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,1,2-Trichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,1-Dichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,1-Dichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,2,4-Trichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,2-Dibromoethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,2-Dichlorobenzene	1200	250		ug/L	161618	50	05/21/2012 15:26	JT
1,2-Dichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,2-Dichloropropane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,3-Dichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,4-Dichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
1,4-Dioxane	BRL	7500		ug/L	161618	50	05/21/2012 15:26	JT
2-Butanone	BRL	2500		ug/L	161618	50	05/21/2012 15:26	JT
2-Hexanone	BRL	500		ug/L	161618	50	05/21/2012 15:26	JT
4-Methyl-2-pentanone	BRL	500		ug/L	161618	50	05/21/2012 15:26	JT
Acetone	BRL	2500		ug/L	161618	50	05/21/2012 15:26	JT
Benzene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Bromodichloromethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Bromoform	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Bromomethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Carbon disulfide	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Carbon tetrachloride	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Chlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Chloroethane	BRL	500		ug/L	161618	50	05/21/2012 15:26	JT
Chloroform	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Chloromethane	BRL	500		ug/L	161618	50	05/21/2012 15:26	JT

Qualifiers:

- * Value exceeds maximum contaminant level
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- 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
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Analytical Environmental Services, Inc **Date:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-016
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:35:00 AM
Lab ID:	1205A41-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
cis-1,2-Dichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
cis-1,3-Dichloropropene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Cyclohexane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Dibromochloromethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Dichlorodifluoromethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Ethylbenzene	610	250		ug/L	161618	50	05/21/2012 15:26	JT
Freon-113	BRL	500		ug/L	161618	50	05/21/2012 15:26	JT
Isopropylbenzene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Methyl acetate	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Methyl tert-butyl ether	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Methylcyclohexane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Methylene chloride	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Styrene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Tetrachloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Toluene	3200	250		ug/L	161618	50	05/21/2012 15:26	JT
trans-1,2-Dichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
trans-1,3-Dichloropropene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Trichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Trichlorofluoromethane	BRL	250		ug/L	161618	50	05/21/2012 15:26	JT
Vinyl chloride	BRL	100		ug/L	161618	50	05/21/2012 15:26	JT
Xylenes, Total	4300	250		ug/L	161618	50	05/21/2012 15:26	JT
Surr: 4-Bromofluorobenzene	102	64.6-131		%REC	161618	50	05/21/2012 15:26	JT
Surr: Dibromofluoromethane	93.5	70.6-128		%REC	161618	50	05/21/2012 15:26	JT
Surr: Toluene-d8	92.2	70.5-116		%REC	161618	50	05/21/2012 15:26	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	4.30	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.2	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-017
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:55:00 AM
Lab ID:	1205A41-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	44000		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Dichlorodifluoromethane	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Chloromethane	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Vinyl chloride	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Bromomethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Chloroethane	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Trichlorofluoromethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,1-Dichloroethene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Acetone	BRL	29000		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Freon-113	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Carbon disulfide	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Methyl acetate	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Methylene chloride	BRL	5800		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Methyl tert-butyl ether	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
trans-1,2-Dichloroethene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,1-Dichloroethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
cis-1,2-Dichloroethene	13000	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
2-Butanone	BRL	15000		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Chloroform	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,1,1-Trichloroethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Cyclohexane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Carbon tetrachloride	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Benzene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,2-Dichloroethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Trichloroethene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Methylcyclohexane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,2-Dichloropropane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Bromodichloromethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
cis-1,3-Dichloropropene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
4-Methyl-2-pentanone	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Toluene	170000	15000		ug/Kg-dry	161605	5000	05/21/2012 14:10	JT
trans-1,3-Dichloropropene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,1,2-Trichloroethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
2-Hexanone	BRL	2900		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Tetrachloroethene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Dibromochloromethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,2-Dibromoethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Chlorobenzene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Ethylbenzene	25000	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Styrene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Bromoform	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-017
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:55:00 AM
Lab ID:	1205A41-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Isopropylbenzene	6100	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,3-Dichlorobenzene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,4-Dichlorobenzene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,2-Dichlorobenzene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,2-Dibromo-3-chloropropane	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
1,2,4-Trichlorobenzene	BRL	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Xylenes, Total	130000	1500		ug/Kg-dry	161605	500	05/18/2012 21:31	NH
Surr: 4-Bromofluorobenzene	103	56.5-134		%REC	161605	5000	05/21/2012 14:10	JT
Surr: 4-Bromofluorobenzene	119	56.5-134		%REC	161605	500	05/18/2012 21:31	NH
Surr: Dibromofluoromethane	94.8	71.8-135		%REC	161605	5000	05/21/2012 14:10	JT
Surr: Dibromofluoromethane	98.9	71.8-135		%REC	161605	500	05/18/2012 21:31	NH
Surr: Toluene-d8	92.9	77.1-117		%REC	161605	5000	05/21/2012 14:10	JT
Surr: Toluene-d8	99.6	77.1-117		%REC	161605	500	05/18/2012 21:31	NH
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,1,2,2-Tetrachloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,1,2-Trichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,1-Dichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,1-Dichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,2,4-Trichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,2-Dibromo-3-chloropropane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,2-Dibromoethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,2-Dichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,2-Dichloroethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,2-Dichloropropane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,3-Dichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,4-Dichlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
1,4-Dioxane	BRL	7500		ug/L	161618	50	05/21/2012 15:01	JT
2-Butanone	BRL	2500		ug/L	161618	50	05/21/2012 15:01	JT
2-Hexanone	BRL	500		ug/L	161618	50	05/21/2012 15:01	JT
4-Methyl-2-pentanone	BRL	500		ug/L	161618	50	05/21/2012 15:01	JT
Acetone	BRL	2500		ug/L	161618	50	05/21/2012 15:01	JT
Benzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Bromodichloromethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Bromoform	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Bromomethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Carbon disulfide	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Carbon tetrachloride	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Chlorobenzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-017
Project Name:	Arivec	**Collection Date:**	5/10/2012 9:55:00 AM
Lab ID:	1205A41-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Chloroethane	BRL	500		ug/L	161618	50	05/21/2012 15:01	JT
Chloroform	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Chloromethane	BRL	500		ug/L	161618	50	05/21/2012 15:01	JT
cis-1,2-Dichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
cis-1,3-Dichloropropene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Cyclohexane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Dibromochloromethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Dichlorodifluoromethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Ethylbenzene	1100	250		ug/L	161618	50	05/21/2012 15:01	JT
Freon-113	BRL	500		ug/L	161618	50	05/21/2012 15:01	JT
Isopropylbenzene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Methyl acetate	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Methyl tert-butyl ether	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Methylcyclohexane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Methylene chloride	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Styrene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Tetrachloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Toluene	4900	250		ug/L	161618	50	05/21/2012 15:01	JT
trans-1,2-Dichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
trans-1,3-Dichloropropene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Trichloroethene	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Trichlorofluoromethane	BRL	250		ug/L	161618	50	05/21/2012 15:01	JT
Vinyl chloride	BRL	100		ug/L	161618	50	05/21/2012 15:01	JT
Xylenes, Total	5200	250		ug/L	161618	50	05/21/2012 15:01	JT
Surr: 4-Bromofluorobenzene	104	64.6-131		%REC	161618	50	05/21/2012 15:01	JT
Surr: Dibromofluoromethane	97.4	70.6-128		%REC	161618	50	05/21/2012 15:01	JT
Surr: Toluene-d8	92.8	70.5-116		%REC	161618	50	05/21/2012 15:01	JT
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.00	0.0580		%	161567	1	05/16/2012 17:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R221368	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-018
Project Name:	Arivec	**Collection Date:**	5/10/2012 10:15:00 AM
Lab ID:	1205A41-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,1,2,2-Tetrachloroethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,1,2-Trichloroethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,1-Dichloroethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,1-Dichloroethene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,2,4-Trichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,2-Dibromo-3-chloropropane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,2-Dibromoethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,2-Dichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,2-Dichloroethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,2-Dichloropropane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,3-Dichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,4-Dichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
1,4-Dioxane	BRL	15000		ug/L	161618	100	05/21/2012 14:36	JT
2-Butanone	7800	5000		ug/L	161618	100	05/21/2012 14:36	JT
2-Hexanone	BRL	1000		ug/L	161618	100	05/21/2012 14:36	JT
4-Methyl-2-pentanone	1500	1000		ug/L	161618	100	05/21/2012 14:36	JT
Acetone	BRL	5000		ug/L	161618	100	05/21/2012 14:36	JT
Benzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Bromodichloromethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Bromoform	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Bromomethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Carbon disulfide	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Carbon tetrachloride	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Chlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Chloroethane	BRL	1000		ug/L	161618	100	05/21/2012 14:36	JT
Chloroform	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Chloromethane	BRL	1000		ug/L	161618	100	05/21/2012 14:36	JT
cis-1,2-Dichloroethene	780	500		ug/L	161618	100	05/21/2012 14:36	JT
cis-1,3-Dichloropropene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Cyclohexane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Dibromochloromethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Dichlorodifluoromethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Ethylbenzene	4100	500		ug/L	161618	100	05/21/2012 14:36	JT
Freon-113	BRL	1000		ug/L	161618	100	05/21/2012 14:36	JT
Isopropylbenzene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Methyl acetate	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Methyl tert-butyl ether	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Methylcyclohexane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Methylene chloride	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Styrene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-018
Project Name:	Arivec	**Collection Date:**	5/10/2012 10:15:00 AM
Lab ID:	1205A41-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Toluene	12000	500		ug/L	161618	100	05/21/2012 14:36	JT
trans-1,2-Dichloroethene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
trans-1,3-Dichloropropene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Trichloroethene	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Trichlorofluoromethane	BRL	500		ug/L	161618	100	05/21/2012 14:36	JT
Vinyl chloride	BRL	200		ug/L	161618	100	05/21/2012 14:36	JT
Xylenes, Total	18000	500		ug/L	161618	100	05/21/2012 14:36	JT
Surr: 4-Bromofluorobenzene	105	64.6-131		%REC	161618	100	05/21/2012 14:36	JT
Surr: Dibromofluoromethane	94.2	70.6-128		%REC	161618	100	05/21/2012 14:36	JT
Surr: Toluene-d8	93.3	70.5-116		%REC	161618	100	05/21/2012 14:36	JT
SPLP (1312) METALS SW1312/6010C				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	161405	1	05/16/2012 14:47	TA
Barium	0.0729	0.0200		mg/L	161405	1	05/16/2012 14:47	TA
Cadmium	BRL	0.00500		mg/L	161405	1	05/16/2012 14:47	TA
Chromium	BRL	0.0100		mg/L	161405	1	05/16/2012 14:47	TA
Lead	BRL	0.0100		mg/L	161405	1	05/16/2012 14:47	TA
Selenium	BRL	0.0200		mg/L	161405	1	05/16/2012 14:47	TA
Silver	BRL	0.0100		mg/L	161405	1	05/16/2012 14:47	TA
SPLP (1312) MERCURY SW1312/7470A				**(SW7470A)**				
Mercury	BRL	0.000200		mg/L	161451	1	05/15/2012 16:34	LD
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3510C)**				
Aroclor 1016	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Aroclor 1221	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Aroclor 1232	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Aroclor 1242	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Aroclor 1248	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Aroclor 1254	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Aroclor 1260	BRL	5.0		ug/L	161598	1	05/18/2012 10:51	SN
Surr: Decachlorobiphenyl	81	15.5-128		%REC	161598	1	05/18/2012 10:51	SN
Surr: Tetrachloro-m-xylene	83.3	17.3-125		%REC	161598	1	05/18/2012 10:51	SN
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.25	0.01	H	pH Units	161559	1	05/16/2012 10:00	SR
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.50	0.0580		%	161567	1	05/16/2012 17:10	CG

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-019
Project Name:	Arivec	**Collection Date:**	5/10/2012 10:25:00 AM
Lab ID:	1205A41-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS	**SW1312/8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,1,2,2-Tetrachloroethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,1,2-Trichloroethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,1-Dichloroethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,1-Dichloroethene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,2,4-Trichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,2-Dibromo-3-chloropropane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,2-Dibromoethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,2-Dichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,2-Dichloroethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,2-Dichloropropane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,3-Dichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,4-Dichlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
1,4-Dioxane	BRL	15000		ug/L	161618	100	05/21/2012 15:30	JT
2-Butanone	180000	25000		ug/L	161618	500	05/21/2012 17:57	JT
2-Hexanone	BRL	1000		ug/L	161618	100	05/21/2012 15:30	JT
4-Methyl-2-pentanone	210000	50000		ug/L	161618	5000	05/21/2012 19:45	JT
Acetone	19000	5000		ug/L	161618	100	05/21/2012 15:30	JT
Benzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Bromodichloromethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Bromoform	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Bromomethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Carbon disulfide	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Carbon tetrachloride	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Chlorobenzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Chloroethane	BRL	1000		ug/L	161618	100	05/21/2012 15:30	JT
Chloroform	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Chloromethane	BRL	1000		ug/L	161618	100	05/21/2012 15:30	JT
cis-1,2-Dichloroethene	5000	500		ug/L	161618	100	05/21/2012 15:30	JT
cis-1,3-Dichloropropene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Cyclohexane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Dibromochloromethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Dichlorodifluoromethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Ethylbenzene	3100	500		ug/L	161618	100	05/21/2012 15:30	JT
Freon-113	BRL	1000		ug/L	161618	100	05/21/2012 15:30	JT
Isopropylbenzene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Methyl acetate	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Methyl tert-butyl ether	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Methylcyclohexane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Methylene chloride	40000	2500		ug/L	161618	500	05/21/2012 17:57	JT
Styrene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-019
Project Name:	Arivec	**Collection Date:**	5/10/2012 10:25:00 AM
Lab ID:	1205A41-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) VOLATILE ORGANICS SW1312/8260B				**(SW5030B)**				
Tetrachloroethene	6900	500		ug/L	161618	100	05/21/2012 15:30	JT
Toluene	53000	2500		ug/L	161618	500	05/21/2012 17:57	JT
trans-1,2-Dichloroethene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
trans-1,3-Dichloropropene	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Trichloroethene	47000	2500		ug/L	161618	500	05/21/2012 17:57	JT
Trichlorofluoromethane	BRL	500		ug/L	161618	100	05/21/2012 15:30	JT
Vinyl chloride	280	200		ug/L	161618	100	05/21/2012 15:30	JT
Xylenes, Total	24000	500		ug/L	161618	100	05/21/2012 15:30	JT
Surr: 4-Bromofluorobenzene	94.2	64.6-131		%REC	161618	500	05/21/2012 17:57	JT
Surr: 4-Bromofluorobenzene	97	64.6-131		%REC	161618	5000	05/21/2012 19:45	JT
Surr: 4-Bromofluorobenzene	96	64.6-131		%REC	161618	100	05/21/2012 15:30	JT
Surr: Dibromofluoromethane	97.6	70.6-128		%REC	161618	5000	05/21/2012 19:45	JT
Surr: Dibromofluoromethane	101	70.6-128		%REC	161618	500	05/21/2012 17:57	JT
Surr: Dibromofluoromethane	98.7	70.6-128		%REC	161618	100	05/21/2012 15:30	JT
Surr: Toluene-d8	96.3	70.5-116		%REC	161618	5000	05/21/2012 19:45	JT
Surr: Toluene-d8	107	70.5-116		%REC	161618	500	05/21/2012 17:57	JT
Surr: Toluene-d8	107	70.5-116		%REC	161618	100	05/21/2012 15:30	JT
SPLP (1312) METALS SW1312/6010C				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	161405	1	05/16/2012 14:51	TA
Barium	0.118	0.0200		mg/L	161405	1	05/16/2012 14:51	TA
Cadmium	0.0303	0.00500		mg/L	161405	1	05/16/2012 14:51	TA
Chromium	BRL	0.0100		mg/L	161405	1	05/16/2012 14:51	TA
Lead	BRL	0.0100		mg/L	161405	1	05/16/2012 14:51	TA
Selenium	BRL	0.0200		mg/L	161405	1	05/16/2012 14:51	TA
Silver	BRL	0.0100		mg/L	161405	1	05/16/2012 14:51	TA
SPLP (1312) MERCURY SW1312/7470A				**(SW7470A)**				
Mercury	BRL	0.000200		mg/L	161451	1	05/15/2012 16:41	LD
POLYCHLORINATED BIPHENYLS SW8082A				**(SW3510C)**				
Aroclor 1016	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Aroclor 1221	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Aroclor 1232	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Aroclor 1242	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Aroclor 1248	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Aroclor 1254	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Aroclor 1260	BRL	5.0		ug/L	161598	1	05/18/2012 11:21	SN
Surr: Decachlorobiphenyl	94.5	15.5-128		%REC	161598	1	05/18/2012 11:21	SN
Surr: Tetrachloro-m-xylene	120	17.3-125		%REC	161598	1	05/18/2012 11:21	SN

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:** 23-May-12

Client:	Conestoga, Rovers, & Associates, Inc.	**Client Sample ID:**	S-051012-SAG-019
Project Name:	Arivec	**Collection Date:**	5/10/2012 10:25:00 AM
Lab ID:	1205A41-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Laboratory Hydrogen Ion (pH) SW9045D					**(SW9045D)**			
pH	5.27	0.01	H	pH Units	161559	1	05/16/2012 10:00	SR
FOC/FOM ASTMD2974								
Fractional Organic Carbon	37.4	0.0580		%	161567	1	05/16/2012 17:10	CG

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 CRA Work Order Number 1205A41

Checklist completed by [signature] 5/10/12
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.1° 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 ✓ JA No __

All samples received within holding time? Yes X SM 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.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab Order: 1205A41

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1205A41-001A	S-050912-SAG-001	5/9/2012 8:50:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-001A	S-050912-SAG-001	5/9/2012 8:50:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-001B	S-050912-SAG-001	5/9/2012 8:50:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-002A	S-050912-SAG-002	5/9/2012 9:10:00AM	Soil	Volatile Organic Compounds by GC/MS		05/16/2012	05/17/2012
1205A41-002B	S-050912-SAG-002	5/9/2012 9:10:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-002C	S-050912-SAG-002	5/9/2012 9:10:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-002C	S-050912-SAG-002	5/9/2012 9:10:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-003A	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	Volatile Organic Compounds by GC/MS		05/16/2012	05/17/2012
1205A41-003A	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-003B	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/15/2012	05/17/2012
1205A41-003B	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-003B	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/18/2012
1205A41-003C	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-003C	S-050912-SAG-003	5/9/2012 9:30:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-004A	S-050912-SAG-004	5/9/2012 9:45:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-004B	S-050912-SAG-004	5/9/2012 9:45:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-004C	S-050912-SAG-004	5/9/2012 9:45:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-004C	S-050912-SAG-004	5/9/2012 9:45:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-005A	S-050912-SAG-005	5/9/2012 10:00:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-005B	S-050912-SAG-005	5/9/2012 10:00:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-005B	S-050912-SAG-005	5/9/2012 10:00:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-006A	S-050912-SAG-006	5/9/2012 10:10:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-006A	S-050912-SAG-006	5/9/2012 10:10:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/18/2012
1205A41-006A	S-050912-SAG-006	5/9/2012 10:10:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-006B	S-050912-SAG-006	5/9/2012 10:10:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-007A	S-050912-SAG-007	5/9/2012 10:40:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-007B	S-050912-SAG-007	5/9/2012 10:40:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-007C	S-050912-SAG-007	5/9/2012 10:40:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-007C	S-050912-SAG-007	5/9/2012 10:40:00AM	Soil	PERCENT MOISTURE			05/16/2012

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab Order: 1205A41

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1205A41-008A	S-050912-SAG-008	5/9/2012 11:45:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-008B	S-050912-SAG-008	5/9/2012 11:45:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-008C	S-050912-SAG-008	5/9/2012 11:45:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-008C	S-050912-SAG-008	5/9/2012 11:45:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-009A	S-050912-SAG-009	5/9/2012 11:50:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-009B	S-050912-SAG-009	5/9/2012 11:50:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-009B	S-050912-SAG-009	5/9/2012 11:50:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/18/2012
1205A41-009C	S-050912-SAG-009	5/9/2012 11:50:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-009C	S-050912-SAG-009	5/9/2012 11:50:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-010A	S-050912-SAG-010	5/9/2012 12:55:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-010A	S-050912-SAG-010	5/9/2012 12:55:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/18/2012
1205A41-010B	S-050912-SAG-010	5/9/2012 12:55:00PM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-011A	S-050912-SAG-012	5/9/2012 2:15:00PM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-011B	S-050912-SAG-012	5/9/2012 2:15:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/18/2012
1205A41-011B	S-050912-SAG-012	5/9/2012 2:15:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-011C	S-050912-SAG-012	5/9/2012 2:15:00PM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-011C	S-050912-SAG-012	5/9/2012 2:15:00PM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-012A	S-050912-SAG-013	5/9/2012 2:45:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-012A	S-050912-SAG-013	5/9/2012 2:45:00PM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/18/2012
1205A41-012B	S-050912-SAG-013	5/9/2012 2:45:00PM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-013A	S-051012-SAG-014	5/10/2012 12:00:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-013A	S-051012-SAG-014	5/10/2012 12:00:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/19/2012
1205A41-013B	S-051012-SAG-014	5/10/2012 12:00:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/17/2012
1205A41-013B	S-051012-SAG-014	5/10/2012 12:00:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-013C	S-051012-SAG-014	5/10/2012 12:00:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-013C	S-051012-SAG-014	5/10/2012 12:00:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-014A	S-051012-SAG-015	5/10/2012 9:00:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/21/2012
1205A41-014B	S-051012-SAG-015	5/10/2012 9:00:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-014C	S-051012-SAG-015	5/10/2012 9:00:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012

Client: Conestoga, Rovers, & Associates, Inc.
Project: Arivec
Lab Order: 1205A41

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1205A41-014C	S-051012-SAG-015	5/10/2012 9:00:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-015A	S-051012-SAG-016	5/10/2012 9:35:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/21/2012
1205A41-015B	S-051012-SAG-016	5/10/2012 9:35:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-015C	S-051012-SAG-016	5/10/2012 9:35:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-015C	S-051012-SAG-016	5/10/2012 9:35:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-016A	S-051012-SAG-017	5/10/2012 9:55:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/18/2012
1205A41-016A	S-051012-SAG-017	5/10/2012 9:55:00AM	Soil	Volatile Organic Compounds by GC/MS		05/18/2012	05/21/2012
1205A41-016B	S-051012-SAG-017	5/10/2012 9:55:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-016C	S-051012-SAG-017	5/10/2012 9:55:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-016C	S-051012-SAG-017	5/10/2012 9:55:00AM	Soil	PERCENT MOISTURE			05/16/2012
1205A41-017A	S-051012-SAG-018	5/10/2012 10:15:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-017B	S-051012-SAG-018	5/10/2012 10:15:00AM	Soil	Laboratory Hydrogen Ion (pH)		05/16/2012	05/16/2012
1205A41-017B	S-051012-SAG-018	5/10/2012 10:15:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-017C	S-051012-SAG-018	5/10/2012 10:15:00AM	Soil	SPLP (1312) MERCURY		05/15/2012	05/15/2012
1205A41-017C	S-051012-SAG-018	5/10/2012 10:15:00AM	Soil	SPLP (1312) METALS		05/15/2012	05/16/2012
1205A41-017C	S-051012-SAG-018	5/10/2012 10:15:00AM	Soil	POLYCHLORINATED BIPHENYLS		05/18/2012	05/18/2012
1205A41-018A	S-051012-SAG-019	5/10/2012 10:25:00AM	Soil	SPLP (1312) VOLATILE ORGANICS		05/17/2012	05/21/2012
1205A41-018B	S-051012-SAG-019	5/10/2012 10:25:00AM	Soil	Laboratory Hydrogen Ion (pH)		05/16/2012	05/16/2012
1205A41-018B	S-051012-SAG-019	5/10/2012 10:25:00AM	Soil	FOC/FOM		05/15/2012	05/16/2012
1205A41-018C	S-051012-SAG-019	5/10/2012 10:25:00AM	Soil	SPLP (1312) MERCURY		05/15/2012	05/15/2012
1205A41-018C	S-051012-SAG-019	5/10/2012 10:25:00AM	Soil	SPLP (1312) METALS		05/15/2012	05/16/2012
1205A41-018C	S-051012-SAG-019	5/10/2012 10:25:00AM	Soil	POLYCHLORINATED BIPHENYLS		05/18/2012	05/18/2012

Client: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161405

Sample ID: **MB-161405** Client ID: Units: **mg/L** Prep Date: **05/14/2012** Run No: **221443**
SampleType: **MBLK** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **161405** Analysis Date: **05/16/2012** Seq No: **4630552**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500	0	0	0	0	0	0	0	0	
Barium	BRL	0.0200	0	0	0	0	0	0	0	0	
Cadmium	BRL	0.00500	0	0	0	0	0	0	0	0	
Chromium	BRL	0.0100	0	0	0	0	0	0	0	0	
Lead	BRL	0.0100	0	0	0	0	0	0	0	0	
Selenium	BRL	0.0200	0	0	0	0	0	0	0	0	
Silver	BRL	0.0100	0	0	0	0	0	0	0	0	

Sample ID: **LCS-161405** Client ID: Units: **mg/L** Prep Date: **05/14/2012** Run No: **221443**
SampleType: **LCS** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **161405** Analysis Date: **05/16/2012** Seq No: **4630550**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.026	0.0500	1	0	103	85	115	0	0	0	
Barium	1.020	0.0200	1	0	102	85	115	0	0	0	
Cadmium	1.022	0.00500	1	0	102	85	115	0	0	0	
Chromium	1.034	0.0100	1	0	103	85	115	0	0	0	
Lead	1.020	0.0100	1	0	102	85	115	0	0	0	
Selenium	1.018	0.0200	1	0	102	85	115	0	0	0	
Silver	0.1025	0.0100	0.1	0	102	85	115	0	0	0	

Sample ID: **1205858-001AMS** Client ID: Units: **mg/L** Prep Date: **05/14/2012** Run No: **221443**
SampleType: **MS** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **161405** Analysis Date: **05/16/2012** Seq No: **4630555**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.034	0.0500	1	0.004403	103	75	125	0	0	0	
Barium	1.087	0.0200	1	0.06904	102	75	125	0	0	0	
Cadmium	1.031	0.00500	1	0.005855	103	75	125	0	0	0	
Chromium	1.096	0.0100	1	0.05877	104	75	125	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161405

Sample ID: **1205858-001AMS** Client ID: Units: **mg/L** Prep Date: **05/14/2012** Run No: **221443**
SampleType: **MS** TestCode: **SPLP (1312) METALS** **SW1312/6010C** BatchID: **161405** Analysis Date: **05/16/2012** Seq No: **4630555**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	1.245	0.0100	1	0.2364	101	75	125	0	0	0	
Selenium	1.016	0.0200	1	0	102	75	125	0	0	0	
Silver	0.1056	0.0100	0.1	0.003173	102	75	125	0	0	0	

Sample ID: **1205858-001AMSD** Client ID: Units: **mg/L** Prep Date: **05/14/2012** Run No: **221443**
SampleType: **MSD** TestCode: **SPLP (1312) METALS** **SW1312/6010C** BatchID: **161405** Analysis Date: **05/16/2012** Seq No: **4630556**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.025	0.0500	1	0.004403	102	75	125	1.034	0.928	20	
Barium	1.074	0.0200	1	0.06904	101	75	125	1.087	1.17	20	
Cadmium	1.018	0.00500	1	0.005855	101	75	125	1.031	1.27	20	
Chromium	1.082	0.0100	1	0.05877	102	75	125	1.096	1.31	20	
Lead	1.231	0.0100	1	0.2364	99.5	75	125	1.245	1.15	20	
Selenium	1.005	0.0200	1	0	101	75	125	1.016	1.02	20	
Silver	0.1038	0.0100	0.1	0.003173	101	75	125	0.1056	1.68	20	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161451

Sample ID: **MB-161451**	Client ID:			Units: **mg/L**	Prep Date: **05/15/2012**	Run No: **221250**
SampleType: **MBLK**	TestCode: **SPLP (1312) MERCURY SW1312/7470A**			BatchID: **161451**	Analysis Date: **05/15/2012**	Seq No: **4625963**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.000200	0	0	0	0	0	0	0	0	

Sample ID: **LCS-161451**	Client ID:			Units: **mg/L**	Prep Date: **05/15/2012**	Run No: **221250**
SampleType: **LCS**	TestCode: **SPLP (1312) MERCURY SW1312/7470A**			BatchID: **161451**	Analysis Date: **05/15/2012**	Seq No: **4625968**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.005036	0.000200	0.005	0	101	85	115	0	0	0	

Sample ID: **1205A41-017CMS**	Client ID: **S-051012-SAG-018**			Units: **mg/L**	Prep Date: **05/15/2012**	Run No: **221250**
SampleType: **MS**	TestCode: **SPLP (1312) MERCURY SW1312/7470A**			BatchID: **161451**	Analysis Date: **05/15/2012**	Seq No: **4625971**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.005084	0.000200	0.005	0	102	70	130	0	0	0	

Sample ID: **1205A41-017CMSD**	Client ID: **S-051012-SAG-018**			Units: **mg/L**	Prep Date: **05/15/2012**	Run No: **221250**
SampleType: **MSD**	TestCode: **SPLP (1312) MERCURY SW1312/7470A**			BatchID: **161451**	Analysis Date: **05/15/2012**	Seq No: **4625972**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.005164	0.000200	0.005	0	103	70	130	0.005084	1.56	20	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161559

Sample ID: **LCS-161559**	Client ID:		Units: **pH Units**	Prep Date: **05/16/2012**	Run No: **221333**
SampleType: **LCS**	TestCode: **Laboratory Hydrogen Ion (pH) SW9045D**		BatchID: **161559**	Analysis Date: **05/16/2012**	Seq No: **4627523**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	7.030	0.01	7	0	100	90	110	0	0	0	

Sample ID: **1204I81-006ADUP**	Client ID:		Units: **pH Units**	Prep Date: **05/16/2012**	Run No: **221333**
SampleType: **DUP**	TestCode: **Laboratory Hydrogen Ion (pH) SW9045D**		BatchID: **161559**	Analysis Date: **05/16/2012**	Seq No: **4627525**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	6.310	0.01	0	0	0	0	0	6.320	0.158	10	H

Sample ID: **1205A41-017BDUP**	Client ID: **S-051012-SAG-018**		Units: **pH Units**	Prep Date: **05/16/2012**	Run No: **221333**
SampleType: **DUP**	TestCode: **Laboratory Hydrogen Ion (pH) SW9045D**		BatchID: **161559**	Analysis Date: **05/16/2012**	Seq No: **4627527**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	5.250	0.01	0	0	0	0	0	5.250	0	10	H

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161567

Sample ID: **MB-161567**	Client ID:				Units: **%**		Prep Date: **05/15/2012**		Run No: **221368**
SampleType: **MBLK**	TestCode: **FOC/FOM ASTMD2974**				BatchID: **161567**		Analysis Date: **05/16/2012**		Seq No: **4628431**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fractional Organic Carbon	BRL	0.0580	0	0	0	0	0	0	0	0	

Sample ID: **1205A41-001BDUP**	Client ID: **S-050912-SAG-001**				Units: **%**		Prep Date: **05/15/2012**		Run No: **221368**
SampleType: **DUP**	TestCode: **FOC/FOM ASTMD2974**				BatchID: **161567**		Analysis Date: **05/16/2012**		Seq No: **4628461**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fractional Organic Carbon	4.900	0.0580	0	0	0	0	0	4.900	0	20	

Sample ID: **1205A41-011CDUP**	Client ID: **S-050912-SAG-012**				Units: **%**		Prep Date: **05/15/2012**		Run No: **221368**
SampleType: **DUP**	TestCode: **FOC/FOM ASTMD2974**				BatchID: **161567**		Analysis Date: **05/16/2012**		Seq No: **4628464**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fractional Organic Carbon	3.600	0.0580	0	0	0	0	0	3.700	2.74	20	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161598

Sample ID: **MB-161598** Client ID: Units: **ug/L** Prep Date: **05/17/2012** Run No: **221472**
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **161598** Analysis Date: **05/17/2012** Seq No: **4631514**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	5.0	0	0	0	0	0	0	0	0	
Aroclor 1221	BRL	5.0	0	0	0	0	0	0	0	0	
Aroclor 1232	BRL	5.0	0	0	0	0	0	0	0	0	
Aroclor 1242	BRL	5.0	0	0	0	0	0	0	0	0	
Aroclor 1248	BRL	5.0	0	0	0	0	0	0	0	0	
Aroclor 1254	BRL	5.0	0	0	0	0	0	0	0	0	
Aroclor 1260	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	4.523	0	5	0	90.5	15.5	128	0	0	0	
Surr: Tetrachloro-m-xylene	4.655	0	5	0	93.1	17.3	125	0	0	0	

Sample ID: **LCS-161598** Client ID: Units: **ug/L** Prep Date: **05/17/2012** Run No: **221472**
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **161598** Analysis Date: **05/17/2012** Seq No: **4631516**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	48.02	5.0	50	0	96	56.3	135	0	0	0	
Aroclor 1260	47.66	5.0	50	0	95.3	62.6	135	0	0	0	
Surr: Decachlorobiphenyl	4.380	0	5	0	87.6	15.5	128	0	0	0	
Surr: Tetrachloro-m-xylene	4.825	0	5	0	96.5	17.3	125	0	0	0	

Sample ID: **1205812-002BMS** Client ID: Units: **ug/L** Prep Date: **05/17/2012** Run No: **221472**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **161598** Analysis Date: **05/17/2012** Seq No: **4631520**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	46.42	5.0	50	0	92.8	33.8	140	0	0	0	
Aroclor 1260	47.41	5.0	50	0	94.8	33.3	140	0	0	0	
Surr: Decachlorobiphenyl	4.464	0	5	0	89.3	15.5	128	0	0	0	
Surr: Tetrachloro-m-xylene	4.518	0	5	0	90.4	17.3	125	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161605

Sample ID: **MB-161605** Client ID: Units: **ug/Kg** Prep Date: **05/18/2012** Run No: **221564**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161605** Analysis Date: **05/18/2012** Seq No: **4634284**

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	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161605

Sample ID: **MB-161605** Client ID: Units: **ug/Kg** Prep Date: **05/18/2012** Run No: **221564**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161605** Analysis Date: **05/18/2012** Seq No: **4634284**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2395	0	2500	0	95.8	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2466	0	2500	0	98.6	71.8	135	0	0	0	
Surr: Toluene-d8	2341	0	2500	0	93.6	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161605

Sample ID: **LCS-161605** Client ID: Units: **ug/Kg** Prep Date: **05/18/2012** Run No: **221564**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161605** Analysis Date: **05/18/2012** Seq No: **4634065**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2124	250	2500	0	84.9	60	140	0	0	0	
Benzene	2328	250	2500	25.00	92.1	70	130	0	0	0	
Chlorobenzene	2062	250	2500	0	82.5	70	130	0	0	0	
Toluene	2140	250	2500	24.50	84.6	70	130	0	0	0	
Trichloroethene	2064	250	2500	0	82.5	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	2557	0	2500	0	102	56.5	134	0	0	0	
Surr: Dibromofluoromethane	2469	0	2500	0	98.8	71.8	135	0	0	0	
Surr: Toluene-d8	2496	0	2500	0	99.9	77.1	117	0	0	0	

Sample ID: **1205A41-013AMS** Client ID: **S-051012-SAG-014** Units: **ug/Kg-dry** Prep Date: **05/18/2012** Run No: **221564**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161605** Analysis Date: **05/18/2012** Seq No: **4634037**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	489300	40000	402100	0	122	51	159	0	0	0	
Benzene	436700	40000	402100	0	109	67.6	139	0	0	0	
Chlorobenzene	415200	40000	402100	0	103	73.6	135	0	0	0	
Toluene	615800	40000	402100	147200	117	63.5	140	0	0	0	
Trichloroethene	2489000	40000	402100	1951000	134	67.6	145	0	0	0	E
Surr: 4-Bromofluorobenzene	421700	0	402100	0	105	56.5	134	0	0	0	
Surr: Dibromofluoromethane	403600	0	402100	0	100	71.8	135	0	0	0	
Surr: Toluene-d8	413700	0	402100	0	103	77.1	117	0	0	0	

Sample ID: **1205A41-013AMSD** Client ID: **S-051012-SAG-014** Units: **ug/Kg-dry** Prep Date: **05/18/2012** Run No: **221564**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161605** Analysis Date: **05/18/2012** Seq No: **4634040**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	512200	40000	402100	0	127	51	159	489300	4.58	25.7	
Benzene	461500	40000	402100	0	115	67.6	139	436700	5.53	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161605

Sample ID: **1205A41-013AMSD** Client ID: **S-051012-SAG-014** Units: **ug/Kg-dry** Prep Date: **05/18/2012** Run No: **221564**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161605** Analysis Date: **05/18/2012** Seq No: **4634040**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	439300	40000	402100	0	109	73.6	135	415200	5.63	18.5	
Toluene	661900	40000	402100	147200	128	63.5	140	615800	7.23	18.8	
Trichloroethene	2591000	40000	402100	1951000	159	67.6	145	2489000	4.02	20.7	SE
Surr: 4-Bromofluorobenzene	416400	0	402100	0	104	56.5	134	421700	0	0	
Surr: Dibromofluoromethane	409100	0	402100	0	102	71.8	135	403600	0	0	
Surr: Toluene-d8	404000	0	402100	0	100	77.1	117	413700	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161609

Sample ID: **MB-161609** Client ID: Units: **ug/Kg** Prep Date: **05/16/2012** Run No: **221396**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161609** Analysis Date: **05/16/2012** Seq No: **4632544**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161609

Sample ID: **MB-161609** Client ID: Units: **ug/Kg** Prep Date: **05/16/2012** Run No: **221396**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161609** Analysis Date: **05/16/2012** Seq No: **4632544**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	46.04	0	50	0	92.1	56.5	134	0	0	0	
Surr: Dibromofluoromethane	48.35	0	50	0	96.7	71.8	135	0	0	0	
Surr: Toluene-d8	50.34	0	50	0	101	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161609

Sample ID: **LCS-161609**	Client ID:		Units: **ug/Kg**	Prep Date: **05/16/2012**	Run No: **221396**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **161609**	Analysis Date: **05/16/2012**	Seq No: **4632546**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.28	5.0	50	0	109	60	140	0	0	0	
Benzene	51.72	5.0	50	0	103	70	130	0	0	0	
Chlorobenzene	45.21	5.0	50	0	90.4	70	130	0	0	0	
Toluene	50.12	5.0	50	0	100	70	130	0	0	0	
Trichloroethene	49.15	5.0	50	0	98.3	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.25	0	50	0	100	56.5	134	0	0	0	
Surr: Dibromofluoromethane	50.11	0	50	0	100	71.8	135	0	0	0	
Surr: Toluene-d8	49.80	0	50	0	99.6	77.1	117	0	0	0	

Sample ID: **1205878-001AMS**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **05/16/2012**	Run No: **221396**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **161609**	Analysis Date: **05/16/2012**	Seq No: **4632549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	63.57	5.7	57.15	0	111	51	159	0	0	0	
Benzene	58.04	5.7	57.15	0	102	67.6	139	0	0	0	
Chlorobenzene	48.67	5.7	57.15	0	85.2	73.6	135	0	0	0	
Toluene	51.49	5.7	57.15	0	90.1	63.5	140	0	0	0	
Trichloroethene	56.32	5.7	57.15	0	98.5	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	60.63	0	57.15	0	106	56.5	134	0	0	0	
Surr: Dibromofluoromethane	62.73	0	57.15	0	110	71.8	135	0	0	0	
Surr: Toluene-d8	55.90	0	57.15	0	97.8	77.1	117	0	0	0	

Sample ID: **1205878-001AMSD**	Client ID:		Units: **ug/Kg-dry**	Prep Date: **05/16/2012**	Run No: **221396**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **161609**	Analysis Date: **05/16/2012**	Seq No: **4632551**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.95	5.7	57.15	0	97.9	51	159	63.57	12.7	25.7	
Benzene	56.31	5.7	57.15	0	98.5	67.6	139	58.04	3.04	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161609

Sample ID: **1205878-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **05/16/2012** Run No: **221396**
BatchID: **161609** Analysis Date: **05/16/2012** Seq No: **4632551**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	44.63	5.7	57.15	0	78.1	73.6	135	48.67	8.67	18.5	
Toluene	50.57	5.7	57.15	0	88.5	63.5	140	51.49	1.81	18.8	
Trichloroethene	54.31	5.7	57.15	0	95	67.6	145	56.32	3.64	20.7	
Surr: 4-Bromofluorobenzene	57.53	0	57.15	0	101	56.5	134	60.63	0	0	
Surr: Dibromofluoromethane	62.14	0	57.15	0	109	71.8	135	62.73	0	0	
Surr: Toluene-d8	58.09	0	57.15	0	102	77.1	117	55.90	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161618

Sample ID: **MB-161618** Client ID: Units: **ug/L** Prep Date: **05/17/2012** Run No: **221412**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **161618** Analysis Date: **05/17/2012** Seq No: **4631518**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161618

Sample ID: **MB-161618** Client ID: Units: **ug/L** Prep Date: **05/17/2012** Run No: **221412**
SampleType: **MBLK** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **161618** Analysis Date: **05/17/2012** Seq No: **4631518**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	46.29	0	50	0	92.6	64.6	131	0	0	0	
Surr: Dibromofluoromethane	52.42	0	50	0	105	70.6	128	0	0	0	
Surr: Toluene-d8	48.00	0	50	0	96	70.5	116	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161618

Sample ID: **LCS-161618**	Client ID:		Units: **ug/L**	Prep Date: **05/17/2012**	Run No: **221402**
SampleType: **LCS**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **161618**	Analysis Date: **05/18/2012**	Seq No: **4633673**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	68.63	5.0	50	0	137	51.3	142	0	0	0	
Benzene	52.91	5.0	50	0	106	70.2	125	0	0	0	
Chlorobenzene	51.71	5.0	50	0	103	73.5	121	0	0	0	
Toluene	53.45	5.0	50	0	107	66	131	0	0	0	
Trichloroethene	52.77	5.0	50	0	106	63.6	129	0	0	0	
Surr: 4-Bromofluorobenzene	55.98	0	50	0	112	64.6	131	0	0	0	
Surr: Dibromofluoromethane	53.13	0	50	0	106	70.6	128	0	0	0	
Surr: Toluene-d8	52.31	0	50	0	105	70.5	116	0	0	0	

Sample ID: **1205A41-007BMS**	Client ID: **S-050912-SAG-007**		Units: **ug/L**	Prep Date: **05/17/2012**	Run No: **221412**
SampleType: **MS**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **161618**	Analysis Date: **05/17/2012**	Seq No: **4631097**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	33890	2500	25000	0	136	46.9	155	0	0	0	
Benzene	31300	2500	25000	0	125	65.5	134	0	0	0	
Chlorobenzene	30300	2500	25000	0	121	73	124	0	0	0	
Toluene	32450	2500	25000	0	130	60	136	0	0	0	
Trichloroethene	33730	2500	25000	785.0	132	66.2	140	0	0	0	
Surr: 4-Bromofluorobenzene	26160	0	25000	0	105	64.6	131	0	0	0	
Surr: Dibromofluoromethane	25060	0	25000	0	100	70.6	128	0	0	0	
Surr: Toluene-d8	25460	0	25000	0	102	70.5	116	0	0	0	

Sample ID: **1205A41-007BMSD**	Client ID: **S-050912-SAG-007**		Units: **ug/L**	Prep Date: **05/17/2012**	Run No: **221412**
SampleType: **MSD**	TestCode: **SPLP (1312) VOLATILE ORGANICS** **SW1312/8260B**		BatchID: **161618**	Analysis Date: **05/17/2012**	Seq No: **4631098**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	33030	2500	25000	0	132	46.9	155	33890	2.57	15.8	
Benzene	31230	2500	25000	0	125	65.5	134	31300	0.208	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161618

Sample ID: **1205A41-007BMSD** Client ID: **S-050912-SAG-007** Units: **ug/L** Prep Date: **05/17/2012** Run No: **221412**
SampleType: **MSD** TestCode: **SPLP (1312) VOLATILE ORGANICS SW1312/8260B** BatchID: **161618** Analysis Date: **05/17/2012** Seq No: **4631098**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	29730	2500	25000	0	119	73	124	30300	1.9	10	
Toluene	32700	2500	25000	0	131	60	136	32450	0.783	10	
Trichloroethene	33480	2500	25000	785.0	131	66.2	140	33730	0.744	11	
Surr: 4-Bromofluorobenzene	26150	0	25000	0	105	64.6	131	26160	0	0	
Surr: Dibromofluoromethane	24970	0	25000	0	99.9	70.6	128	25060	0	0	
Surr: Toluene-d8	25470	0	25000	0	102	70.5	116	25460	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161731

Sample ID: **MB-161731** Client ID: Units: **ug/Kg** Prep Date: **05/18/2012** Run No: **221626**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161731** Analysis Date: **05/18/2012** Seq No: **4634319**

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	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161731

Sample ID: **MB-161731** Client ID: Units: **ug/Kg** Prep Date: **05/18/2012** Run No: **221626**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161731** Analysis Date: **05/18/2012** Seq No: **4634319**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	48.31	0	50	0	96.6	56.5	134	0	0	0	
Surr: Dibromofluoromethane	42.78	0	50	0	85.6	71.8	135	0	0	0	
Surr: Toluene-d8	46.32	0	50	0	92.6	77.1	117	0	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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161731

Sample ID: **LCS-161731** Client ID: Units: **ug/Kg** Prep Date: **05/18/2012** Run No: **221626**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161731** Analysis Date: **05/18/2012** Seq No: **4634321**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	43.41	5.0	50	0	86.8	60	140	0	0	0	
Benzene	45.53	5.0	50	0	91.1	70	130	0	0	0	
Chlorobenzene	47.04	5.0	50	0	94.1	70	130	0	0	0	
Toluene	46.43	5.0	50	0	92.9	70	130	0	0	0	
Trichloroethene	49.59	5.0	50	0	99.2	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.11	0	50	0	100	56.5	134	0	0	0	
Surr: Dibromofluoromethane	46.66	0	50	0	93.3	71.8	135	0	0	0	
Surr: Toluene-d8	47.40	0	50	0	94.8	77.1	117	0	0	0	

Sample ID: **1205D00-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **05/18/2012** Run No: **221696**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161731** Analysis Date: **05/22/2012** Seq No: **4636545**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	69.33	6.7	67.43	0	103	51	159	0	0	0	
Benzene	68.76	6.7	67.43	0	102	67.6	139	0	0	0	
Chlorobenzene	55.92	6.7	67.43	0	82.9	73.6	135	0	0	0	
Toluene	62.83	6.7	67.43	0	93.2	63.5	140	0	0	0	
Trichloroethene	67.04	6.7	67.43	0	99.4	67.6	145	0	0	0	
Surr: 4-Bromofluorobenzene	69.74	0	67.43	0	103	56.5	134	0	0	0	
Surr: Dibromofluoromethane	71.05	0	67.43	0	105	71.8	135	0	0	0	
Surr: Toluene-d8	67.82	0	67.43	0	101	77.1	117	0	0	0	

Sample ID: **1205D00-001AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **05/18/2012** Run No: **221696**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **161731** Analysis Date: **05/22/2012** Seq No: **4636546**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	61.45	6.7	67.43	0	91.1	51	159	69.33	12.1	25.7	
Benzene	63.81	6.7	67.43	0	94.6	67.6	139	68.76	7.47	18.5	

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: Conestoga, Rovers, & Associates, Inc.
Project Name: Arivec
Workorder: 1205A41

ANALYTICAL QC SUMMARY REPORT

BatchID: 161731

Sample ID: **1205D00-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **05/18/2012** Run No: **221696**
BatchID: **161731** Analysis Date: **05/22/2012** Seq No: **4636546**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	52.89	6.7	67.43	0	78.4	73.6	135	55.92	5.55	18.5	
Toluene	60.42	6.7	67.43	0	89.6	63.5	140	62.83	3.92	18.8	
Trichloroethene	60.87	6.7	67.43	0	90.3	67.6	145	67.04	9.66	20.7	
Surr: 4-Bromofluorobenzene	68.76	0	67.43	0	102	56.5	134	69.74	0	0	
Surr: Dibromofluoromethane	72.06	0	67.43	0	107	71.8	135	71.05	0	0	
Surr: Toluene-d8	67.10	0	67.43	0	99.5	77.1	117	67.82	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 D

WATER WELL SURVEY DOCUMENTS

USGS
science for a changing world



FAX COVER SHEET

U.S. Department of the Interior
U.S. Geological Survey
Georgia District Office
3039 Amwiler Road, Suite 130
Atlanta GA 30360-2824

Phone: 770.903.9100
Fax: 770.903.9199
http://www.ga.usgs.gov
Total Number of Pages Including Cover Sheet: 2

To: Terefe Mazengia

Date: 05222012

Office: Conestoga-Rovers

From: Taylor Fanning

Fax: (770) 441-2050

Phone: (770) 903-3045

Phone: (770) 441-0027

E-mail: tfanning@usgs.gov

Message:

The ground-water database search you requested for a radius of 1.0 miles from 334544.1 844355.11 is enclosed. Inventory search within a 0.25 and 0.50 mile radii did not yield any data.

LOCAL WELL NUMBER	LATITUDE (DDMMSS)	LONGITUDE (DDDMMSS)	LAT/LONG DATUM (CODE)	DEPTH OF WELL (FEET)	BOTTOM OF CASING (FEET)	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	TYPE OF OPENINGS	DATA RELI-ABILITY
08E21	334517.96	0844302.83	NAD83	--	--	--	--	-	M
08E301	334518	0844307	NAD27	300	--	--	--	-	C

05/22/2012 13:58 7709039100 USGS PAGE 02/02

APPENDIX E

SOIL TREATABILITY WORK PLAN

SOIL TREATABILITY STUDY WORK PLAN

ARIVEC CHEMICALS SITE
7962 HUEY ROAD
DOUGLASVILLE, GEORGIA

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TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1

2.0 TREATMENT TECHNOLOGY DESCRIPTION 2
2.1 IN SITU CHEMICAL OXIDATION 2
2.1.1 SODIUM PERSULFATE 3
2.2 IN SITU ENHANCED BIODEGRADATION 4
2.3 IN SITU STABILIZATION 6

3.0 TREATABILITY TESTING OBJECTIVES 7

4.0 EXPERIMENTAL TREATABILITY DESIGN AND PROCEDURE 8
4.1 SAMPLE ACQUISITION 8
4.2 TASK 1. INITIAL SAMPLE CHARACTERIZATION 8
4.3 CHEMICAL OXIDATION 9
4.3.1 TASK 2: SOIL MICROCOSM TESTS 9
4.3.2 TASK 3: TOTAL OXIDANT DEMAND 9
4.4 ISEB TASKS 9
4.4.1 TASK 4: BIOLOGICAL MICROCOSM TESTS 9
4.5 STABILIZATION TASKS 10
4.5.1 TASK 6: STABILIZATION REAGENT SCREENING TESTS 10

5.0 QUALITY ASSURANCE PROJECT PLAN 11
5.1 PRECISION 11
5.1.1 DEFINITION 11
5.1.2 PRECISION OBJECTIVES 11
5.2 ACCURACY 12
5.2.1 DEFINITION 12
5.2.2 ACCURACY OBJECTIVES 12
5.3 COMPLETENESS 12
5.3.1 DEFINITION 12
5.3.2 COMPLETENESS OBJECTIVE 13

6.0 DATA MANAGEMENT 14

7.0 DATA ANALYSIS AND INTERPRETATION 15

8.0 RESIDUALS MANAGEMENT 16

9.0 REPORTS 17

10.0 SCHEDULE 18

1.0 INTRODUCTION

Volatile organic compounds (VOCs), polychlorinated biphenyls (PCB), and Resource Conservation and Recovery Act (RCRA) metals have all been detected in surface and subsurface soils at the Arivec Chemicals Site, in Douglasville, Georgia (Site). Synthetic Precipitation Leachate Procedure (SPLP) analysis was performed to determine where contamination in soils at or below the water table posed a potential risk to downgradient groundwater. Seven areas have been identified as potential source areas. Tetrachloroethylene (PCE) was a contaminant of concern at six of the seven areas, and trichloroethylene (TCE) was a contaminant of concern at four of the areas. Other contaminants of concern included ethylbenzene, methyl cyclohexane, and toluene (three areas); cis-1,2-dichloroethylene (cis-1,2-DCE), vinyl chloride (VC), benzene, dichlorobenzenes, and xylenes (two areas); and methyl ethyl ketone (MEK), methyl isobutyl ketone (MIBK), methylene chloride, and dichloropropane (one area). PCB and metals were not found to be a risk to downgradient groundwater.

In situ chemical oxidation (ISCO), in situ enhanced biodegradation (ISEB) and in situ stabilization (ISS) have been proposed as technologies for treatment of Site soils. A treatability study was recommended to test the effectiveness of these technologies for treatment of Site soils. This report contains a Work Plan for the treatability study.

A previous Treatability Study confirmed the effectiveness of ISCO using sodium persulfate on select Site soils. Additional testing is proposed due to differences in potential source areas identified following extensive drum removal at the Site and to assess ISCO combined with ISS to minimize the leachability of contaminants from Site soils to protect groundwater quality.

2.0 TREATMENT TECHNOLOGY DESCRIPTION

2.1 IN SITU CHEMICAL OXIDATION

In-Situ Chemical Oxidation (ISCO) is an effective technology for destroying a wide range of organic compounds. The technology is based on the use of strong oxidizing agents to completely oxidize the compounds within relatively short time periods. In a chemical oxidation reaction, the oxidizing agent breaks the carbon bonds in the compounds and converts them into non-toxic compounds, primarily carbon dioxide and water. The reaction may be complete within hours or may take several weeks to a month to occur.

The oxidizing agents most commonly used include:

- Potassium permanganate ($KMnO_4$);
- Fenton's Reagent: hydrogen peroxide (H_2O_2) and ferrous sulfate;
- Activated sodium persulfate; and
- Ozone.

The following provides a brief overview of the oxidizing agents listed above.

$KMnO_4$ is an effective oxidizer for treatment of VOCs that have carbon-carbon double bonds, including TCE and its daughter products: cis-1,2-DCE and VC. $KMnO_4$ is easier to handle than Fenton's Reagent, which is pH-dependent and requires the use of ferrous salt as a catalyst for optimum performance.

Fenton's Reagent and activated sodium persulfate are very strong oxidants and can oxidize single carbon bonds; therefore, a wider range of compounds can be oxidized by these oxidants including benzene, toluene, ethylbenzene, and xylene (BTEX) and petroleum hydrocarbons.

Sodium persulfate can be activated by high pH, heat, chelated metals, and hydrogen peroxide. Chelated metals catalysis does not create a very strong oxidant, and heat is difficult and costly to apply in the field; therefore, high pH and hydrogen peroxide are the preferred activators.

Ozone is a strong oxidant that is effective against a broad range of compounds including BTEX, petroleum hydrocarbons, and polynuclear aromatic hydrocarbon (PAH). Its only breakdown product is oxygen; therefore, it does not leave any residual chemistry in the soil. However, ozone treatment requires the installation of an ozone sparge system.

Sodium persulfate creates fewer health and safety concerns than Fenton's Reagent but also requires activation by a catalyst.

The application of $KMnO_4$, Fenton's Reagent, and activated sodium persulfate involve simple methods (i.e., soil mixing) that do not require the sophisticated equipment required for ozone treatment.

ISCO is site-specific and successful treatment is typically a function of the effectiveness of the delivery system (being able to deliver sufficient amounts of oxidant to the impacted soil and making sufficient "contact"), and the subsequent transport of the oxidant within the soil matrix. Soil mixing methods for soil treatment at the Site will be designed to ensure adequate distribution and contact. However, the treatment performance is also greatly dependent on the soil and groundwater chemistry.

A critical factor in the evaluation of ISCO treatment is determining the dosages of oxidant that are required to effectively oxidize the contaminants present (referred to as stoichiometric demand), as well as the competing reactions. Competing reactions are typically caused by the presence of natural organic materials such as humates and fulvates, as well as reduced metal species. The consumption of oxidants by these non-target compounds is defined as natural oxidant demand (NOD). The NOD combines with the stoichiometric demand to form the total oxidant demand (TOD). In order to determine the optimum dosage, treatability studies are required.

Catalyzed sodium persulfate is recommended for this application because it is effective against all of the contaminants of concern identified in the potential source areas. Catalysis of sodium persulfate with sodium hydroxide (NaOH) is proposed for further testing.

2.1.1 SODIUM PERSULFATE

Sodium persulfate is a strong, non-selective oxidant which has a high solubility in water (73 grams [g]/100 g water). There are two mechanisms by which oxidation occurs using persulfate. One involves the persulfate radical, and the other the persulfate anion.

The persulfate radical is formed by the input of catalysis or heat:

$$S_2O_8^{-2} \xrightarrow{\text{Activation}} 2SO_4^{-}\bullet$$

The persulfate anion is also a strong oxidizer:

$$2SO_4^{-}\bullet + e^{-} \longrightarrow SO_4^{-2} \qquad E^o = 2.6v$$

$$S_2O_8^{-2} + 2H^{+} + 2e^{-} \longrightarrow 2HSO_4^{-2} \qquad E^o = 2.1v$$

Catalysts for the formation of the persulfate radical include transition metals in chelated or non-chelated form (depending on application), high pH, peroxide and heat.

Persulfate is more stable in the subsurface than Fenton's Reagent and ozone, and can persist for weeks suggesting that the NOD for persulfate is low. The stability of persulfate, however, means that the chemical oxidation reaction by persulfate can take up to 1 month to complete, and monitoring should be scheduled to compensate for the time requirement.

Advantages of persulfate include the fact that it can be mixed or injected at fairly high concentrations (up to 40 percent), can be transported in poreous media, and will diffuse into low-permeability materials.

Persulfate reacts with organic compounds, and oxidizes the organic compound to carbon dioxide and water. Sodium ions and sulfate ions are also generated by the reaction.

There is a potential for the transient solubilization of metals by the oxidizing conditions created by the persulfate. Once the chemical oxidation is complete and oxidation-reduction potentials return to their native states, metals solubilized by the persulfate will reprecipitate. Similarly, it is unlikely that metals will be mobilized out of the treatment area, because once metals leave the oxidizing conditions of the treatment area, they will reprecipitate.

2.2 IN SITU ENHANCED BIODEGRADATION

In-situ biodegradation (aerobic or anaerobic) is a treatment process whereby contaminants are metabolized into less toxic or non-toxic compounds by naturally occurring microorganisms. The microorganisms utilize the hydrocarbons as a source of

carbon and energy. In this process, several techniques can be applied to enhance biodegradation of the hydrocarbons, such as:

- Injection of air, oxygen, oxygen release compound (ORC), or magnesium, calcium or hydrogen peroxide to enhance biodegradation of the hydrocarbons under aerobic conditions;
- Injection of an organic substrate such as soy-lactate or hydrogen release compound (HRC) to stimulate enhanced biodegradation of certain compounds such as PCE, TCE and highly chlorinated aromatic compounds under anaerobic conditions. Injection of nitrate and/or sulfate will enhance the biodegradation of hydrocarbons under anaerobic conditions by denitrification/sulfate reduction;
- Nutrient supplementation with suitable sources of nitrogen and phosphorus to enhance biodegradation of contaminants by indigenous microbial populations; and
- Bioaugmentation by injection of microbial cultures to improve the effectiveness of the microbial population in degrading the compounds of concern.

One, or a combination of these techniques, can be applied based on the groundwater conditions. Technologies that are available for aerobic treatment of the soils and groundwater include ORC treatment, and biosparging. Biosparging and ORC are both technologies that supplement oxygen to enhance aerobic biodegradation. The injected oxygen would enhance the growth and metabolic activity of hydrocarbon degrading microorganisms, resulting in the oxidation of petroleum hydrocarbons to carbon dioxide and water.

Emulsified vegetable oil (EVO) can be used to enhance chlorinated solvent biodegradation under anaerobic conditions. Typically the groundwater becomes nutrient deficient during enhanced biodegradation, therefore, nutrient supplementation is generally considered. Bioaugmentation is used when the natural microbial population has been found unable to degrade all the contaminants present, or where it is considered necessary to augment the natural biodegradation process.

Polychlorinated compounds such as TCE and PCE can be biodegraded under anaerobic conditions while non-chlorinated compounds such as BTEX as well as MEK and MIBK are degraded most efficiently under aerobic conditions. Since both types of compounds are of concern in the potential source areas, it is proposed that a sequential anaerobic-aerobic biodegradation strategy be tested.

2.3 IN SITU STABILIZATION

In-Situ Stabilization (ISS) converts contaminants in soil into a less soluble form and prevents leaching. ISS through solidification may also be used to improve the structural stability of soils disturbed by mixing during ISCO application. One or a combination of solidifying agents, such as, Portland cement, lime, and cement kiln dust, as well as bulking agents such as fly ash, sawdust, or sand are added to treat the soil. The process of hardening or setting is a chemical reaction called hydration. When water is added to the solidifying agent, it forms a slurry or gel that coats the surfaces of the soil and fills the voids. Soon after the soil, water, and the solidifying agent are combined, the mixture starts to harden.

During hydration, a node forms on the surface of each solidifying agent particle. The node grows and expands until it links up with nodes from other solidifying agent particles, or it adheres to adjacent aggregates. If ISCO does not completely destroy the contaminants, the solid matrix encapsulates any contaminants remaining within the solid matrix where they are no longer available and cannot leach out. In this way, the contaminants are immobilized and are no longer considered a risk.

The amounts and types of stabilization agents required to treat the contaminants in soil are typically confirmed by a treatability study. During the treatability study, samples of the waste are mixed with various amounts of solidifying agents. Each mixture is left to cure. Cement can take as long as 2 weeks to attain 90 percent of its maximum strength. When curing is considered complete, a sample is taken and analyzed for unconfined compressive strength, and may also be subject to the Toxicity Characteristic Leaching Procedure (TCLP) or SPLP to determine the stability/leachability of contaminants within the solidified soil.

The effectiveness of ISS may also be improved by the addition of binding agents such as carbon or organoclay which will further reduce the leachability of organic compounds in the soil.

3.0 TREATABILITY TESTING OBJECTIVES

Based on the selected treatment technologies, the primary objectives of the treatability studies will be to gather the data necessary to assess and determine the following:

- Assess the effectiveness of ISCO with a base activated sodium persulfate for treatment of contaminants in representative soil samples from the Site;
- Assess the TOD in the treatment areas;
- Assess the potential for metals solubilization as a result of ISCO;
- Determine the optimum concentration/dosage of oxidant required to complete treatment as expeditiously as possible;
- Determine the effectiveness of sequential anaerobic-aerobic ISEB for treatment of contaminants in the soil;
- Determine the optimum amendments for enhancement of biodegradation;
- Assess the effectiveness of ISS for stabilizing soil and/or contaminants in the soil; and
- Determine the optimum solidification reagents and dosages for soil stabilization.

4.0 EXPERIMENTAL TREATABILITY DESIGN AND PROCEDURE

4.1 SAMPLE ACQUISITION

The treatability study will be conducted using representative samples of soil collected from the Site. Approximately 5 gallons of soil will be collected from each of the following areas:

Treatment Sample Area 1:
B-117, 6-11 feet below grade
B-118, 9-16 feet below grade

Treatment Sample Area 2:
B-106, 8-13 feet below grade
B-90, 6-11 feet below grade
B-115, 10-15 feet below grade

Treatment Sample Area 3:
B-113, 12-17 feet below grade
B-84, 11-16 feet below grade

These areas were chosen to ensure that all of the compounds of concern are present in the samples. The samples will be shipped to Conestoga-Rovers & Associates' (CRA's) treatability study laboratory in Niagara Falls, New York.

4.2 TASK 1. INITIAL SAMPLE CHARACTERIZATION

The soil samples will be analyzed for the following:

• pH	United States Environmental Protection Agency (USEPA) Method 9045D
• Percent solids	Standard Methods 2540
• VOC	USEPA Methods SW846 8260B/5035
• SPLP VOC	USEPA Methods SW846 1312

Each of the soil treatability samples will be analyzed separately. Based on the results of the initial analysis, the samples will be further composited to form no more than three composite soil samples for further testing.

4.3 CHEMICAL OXIDATION

4.3.1 TASK 2: SOIL MICROCOSM TESTS

In order to evaluate the effectiveness of catalyzed sodium persulfate for the treatment of the chemicals of concern at the Site, a series of microcosm tests will be conducted. The soil microcosm tests will be set up using 100-g soil samples of homogenized soil representative of the composited samples for testing. The tests will assess the effectiveness of catalyzed sodium persulfate for treatment of the chemistry in the soil and will determine the optimum concentration range to be used for the full-scale application.

The soil microcosm tests will consist of placing 100 g of soil in 4-ounce (oz.) glass jars and mixing with 25 milliliters (mL) of 5 percent, 10 percent, or 15 percent weight/weight (w/w) sodium persulfate solutions. The tests will also receive NaOH as a catalyst. NaOH will be added to adjust the groundwater pH to above 10.5 and then 2 moles of NaOH will be added for every mole of sodium persulfate added. Control tests will be prepared similarly but without the use of an oxidizing agent solution. A photoionization detector (PID) will be used to monitor for volatilization of contaminants during mixing. The jars will be sealed immediately to prevent the loss of chemicals by volatilization and incubated in the dark at room temperature for 2 weeks.

At the end of the incubation period, the microcosms will be sampled and analyzed for residual VOC, SPLP VOC, and SPLP metals.

4.3.2 TASK 3: TOTAL OXIDANT DEMAND

The TOD of the soil samples will be assessed by placing 50 g of each soil in 8-oz. jars and adding 100 mL of 10 percent sodium persulfate catalyzed by NaOH as described above. The initial oxidant concentration in the jars will be measured and recorded. After 7 days, the jars will be sampled again, and the residual oxidant concentrations will be measured and recorded.

4.4 ISEB TASKS

4.4.1 TASK 4: BIOLOGICAL MICROCOSM TESTS

Microcosms will be set up to assess the potential for enhanced biodegradation. One hundred grams of soil will be placed in glass jars. Based on the initial moisture content, sterile, deionized water may be added to bring the moisture content to 20 percent.

The following treatments will be performed:

- Soil only (biotic control);
- Soil, nutrients, lactate, and yeast extract;
- Soil, nutrients, lactate, yeast extract, and a microbial inoculums;
- Soil, nutrients, and oxygen release compound;
- Soil, nutrients, oxygen release compound, and a microbial inoculum; and
- Soil, nutrients, lactate, yeast extract, a microbial inoculum, and sodium azide (abiotic control).

Microcosms 2, 3, and 6 will be set up in an anaerobic hood. After 0, 4, 8 and 12 weeks, duplicate microcosms for each treatment performed will be sacrificed and analyzed for residual VOC and SPLP VOC.

4.5 STABILIZATION TASKS

4.5.1 TASK 6: STABILIZATION REAGENT SCREENING TESTS

Stabilization testing will be conducted. The reagents to be screened will include Portland cement, lime, gypsum, cement kiln dust, and fly ash. Binding agents such as organoclay and granular activated carbon (GAC) will also be tested.

The tests will be prepared by placing 200 g of soil with the appropriate amount of solidification agent in a mechanical mixer. If the sample has high moisture content, a bulking agent may also be used. A PID will be used to monitor for volatilization of contaminants during mixing. The soil and solidification agent will be mixed for 5 minutes and then placed in a glass jar. The increase in sample volume due to the treatment will be noted. The glass jar will be placed in a high humidity chamber, in an effort to replicate field conditions, for curing. After curing for 2 weeks, the samples will be tested with a pocket penetrometer to determine whether sufficient solidification has occurred.

If sufficient solidification has occurred, the samples will be analyzed for SPLP VOCs. If the 2-week curing time is not sufficient, then the samples will be cured for additional time periods up to 28 days before analysis.

5.0 QUALITY ASSURANCE PROJECT PLAN

Quality assurance procedures will be implemented according to the Quality Assurance Procedures for Laboratory Treatability Studies (available under separate cover).

Since the analytical data will be used for remedy selection, quantitative Data Quality Objectives (DQOs) have been established. The DQOs are as follows:

Precision: DQO 1. Samples will be thoroughly mixed prior to analysis. For each test, soil will be weighed into the treatment vessel using a laboratory balance. The variability of individual soil quantities for the treatments in the same test will be + or – 0.1 percent.

Accuracy: DQO 2. For each set of samples analyzed, a laboratory control spike (LCS) will be analyzed and compared to known values. The values obtained for the LCS will be + or – 20 percent of the standard values.

Completeness: DQO 3. At least 80 percent of the treatment tests will be accepted, and the data will be included in the report.

The laboratory and the project quality assurance/quality control (QA/QC) officer will evaluate data precision, accuracy and completeness as follows:

5.1 PRECISION

5.1.1 DEFINITION

Precision is a measure of degree to which two or more measurements are in agreement.

$$\text{Precision} = \frac{[D_2 - D_1]}{(D_1 + D_2)/2} \times 100$$

D_1 = original result
D_2 = duplicate result

5.1.2 PRECISION OBJECTIVES

The method(s) precision (reproducibility between duplicate analyses) will be determined based on the duplicate analysis of matrix spike samples for organic parameters and duplicate sample analyses for inorganic parameters. Precision will be

reported as relative percent difference (RPD) between duplicate analyses. Sampling precision will be addressed through analysis of duplicate samples during the treatability study. Precision will be evaluated using the laboratory control limits.

5.2 ACCURACY

5.2.1 DEFINITION

Accuracy is the degree of agreement between an observed or measured value and an accepted reference or true value.

$$\text{Accuracy} = \frac{A-B}{C} \text{ x } 100$$

A = The analyte determined experimentally from the spike sample.

B = The background level determined by a separate analysis of the unspiked sample.

C = The amount of spike added.

5.2.2 ACCURACY OBJECTIVES

The method accuracy (percent recovery) for leachate and soil samples will be determined by spiking selected samples (matrix spikes) with all representative spiking compounds as specified in the analytical methods. Accuracy will be reported as the percent recovery of the spiking compound(s), and will be evaluated using the laboratory control limits.

5.3 COMPLETENESS

5.3.1 DEFINITION

Completeness is a measure of the amount of valid (usable) data obtained from a measurement system compared to the amount that was expected to be obtained under normal conditions.

$$\text{Completeness} = \frac{\text{usable data obtained}}{\text{total data planned}} \text{ x } 100 \text{ percent}$$

5.3.2 COMPLETENESS OBJECTIVE

Completeness is a measure of the amount of valid measurements obtained from all the measurements taken in the project. Laboratory completeness for this project will be 80 percent or greater.

6.0 DATA MANAGEMENT

Analytical data generated by gas chromatograph analysis will be stored in by the computer interfaced with the gas chromatograph (GC), GC/Mass Spectrometer (GC/MS), and Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES). This data will be verified and integrated by laboratory personnel, and the output will be printed out and filed. The data will be transferred to an excel table, which will be included in the final report. All other data generated in the laboratory will be recorded on the appropriate laboratory data form. The data from these forms will be transferred to an excel table, which will be included in the final report.

7.0 DATA ANALYSIS AND INTERPRETATION

The data from the chemical oxidation microcosms will be presented in tables. The percent removal of each chemical of concern will be calculated using the following equation:

$$\% \text{ removal} = ([\text{Control}] - [\text{Experimental}])/[\text{Control}] \text{ X}100$$

The same equation will be used to assess % reduction in leaching from the data from the TCLP analysis done after stabilization of the soil samples.

8.0 RESIDUALS MANAGEMENT

Residuals generated by the treatability study are expected to include unused samples not used in the study, treated samples, sample extracts, spent solvent from extraction processes, used sample containers, and contaminated consumables such as pipettes and paper towels. The entire volume of these residuals is not expected to exceed 5 gallons. The residuals will be accumulated in 5-gallon pails and collected by a hazardous waste disposal company after the project has been completed.

9.0 REPORTS

Upon completion of the treatability study tasks, the data will be compiled and analyzed. The results will be used to assess the treatment performance and evaluate the potential for ISCO, ISEB, and ISS for the remediation of the contaminated soils. A final report will be prepared describing the tests conducted, results obtained, and conclusions and recommendations regarding the optimum levels of oxidants, amendments, and stabilization reagents for treatment of soils during the remedial activities. The final report will also provide recommendations for the reagent quantities that will be required for the treatments.

10.0 SCHEDULE

The following summary outlines the estimated completion dates for the milestones in the Work Plan:

Treatability Study Task	*Estimated Start Time*	*Estimated Completion Time*
Task 1-Characterization	Upon receipt of samples	2 weeks after receipt of samples
ISCO Study		
Task 2-Chem Ox Microcosm Tests	2 weeks after receipt of samples	5 weeks after receipt of samples
Task 3-NOD Tests	2 weeks after receipt of samples	5 weeks after receipt of samples
ISEB Study		
Task 4-Microcosm Tests	2 weeks after receipt of samples	15 weeks after receipt of samples
ISS Study		
Task 5-Reagent Screening Tests	2 weeks after receipt of samples	3 weeks after receipt of samples
Task 6-Review and Reporting	15 weeks after receipt of samples	16 weeks after receipt of samples