2015 OU2 GROUNDWATER INVESTIGATION DATA SUMMARY REPORT VPB155

NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP)
SITE 1 OU2
BETHPAGE, NY

Prepared for:

Department of the Navy
Naval Facilities Engineering Command, Atlantic
9324 Virginia Avenue
Building Z-144
Norfolk, Virginia 23511

February 2016

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List of Acronyms and Abbreviations

AOC	Area of Concern
bgs	below ground surface
COR	Continuously Operating Reference
DoD	Department of Defense
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency, United States
ft	feet
GOCO	Government-Owned Contractor-Operated
GPS	Global Positioning System
IDW	Investigation Derived Waste
IR	Installation Restoration
Katahdin	Katahdin Analytical Services
NAD	North American Datum
NAVD	North American Vertical Datum
NAVFAC	Naval Facilities Engineering Command
NG	Northrop Grumman
NWIRP	Naval Weapons Industrial Reserve Plant
NYSDEC	New York State Department of Environmental Conservation
OU	Operable Unit
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
PPE	Personal Protective Equipment
SAP	Sampling and Analysis Plan
SVOC	Semivolatile Organic Compounds
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOC	Total Organic Carbon
UFP	United Federal Programs
VOC	Volatile Organic Compounds
VPB	Vertical Profile Boring

1.0 PROJECT BACKGROUND

Resolution Consultants has prepared this Data Summary Report for the Naval Facilities Engineering Command (NAVFAC), Mid-Atlantic under contract task order WE15 Contract N62470-11-D-8013. This report describes vertical profile boring (VPB) installation activities (specifically at the VPB155 location) in 2015 for the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage Operable Unit (OU) 2 Site 1 offsite plume. NWIRP Bethpage is located in east-central Nassau County, Long Island, New York, approximately 30 miles east of New York City (Figure 1).

1.1 Scope and Objectives

This data summary report provides information on the installation of VPB155. The purpose of the VPB155 investigation was to ascertain contaminant levels and depths in the offsite plume area south of Hempstead Turnpike, north of Southern State Parkway, and east of Hicksville Road and to better define the southeastern leading edge of the RE108 hotspot. VPB locations within the general vicinity of VPB155 are shown in Figure 2. VPB155 was completed to 970 feet (ft) below ground surface (bgs).

Field tasks were conducted in 2015 in accordance with the *United Federal Programs Sampling and Analysis Plan (UFP SAP)*, Bethpage, New York (Resolution Consultants, 2013a) and the *UFP SAP Addendum Installation of Vertical Profile Borings and Monitoring Wells* (Resolution Consultants, 2013b). The field investigation included completing one vertical profile boring, groundwater grab samples, geophysical logging, and surveying.

Documentation of these activities is included in Appendix A of this report.

1.2 Site History

NWIRP Bethpage is in the Hamlet of Bethpage, Town of Oyster Bay, New York. Since its inception in 1941, the plant's primary mission was the research, prototyping, testing, design, engineering, fabrication, and primary assembly of military aircraft. The facilities at NWIRP included four plants used for assembly and prototype testing, a group of quality control laboratories, two warehouse complexes (north and south), a salvage storage area, water recharge basins, the Industrial Wastewater Treatment Plant, and several smaller support buildings.

The Navy's property originally totaled 109.5 acres and was formerly a Government-Owned Contractor-Operated (GOCO) facility that was operated by Northrop Grumman (NG) until September 1998. Prior to 2002, the NWIRP property was bordered on the north, west, and south

by current or former NG facilities, and on the east by a residential neighborhood. By March 2008, approximately 100 acres of NWIRP property were transferred to Nassau County in three separate actions. The remaining 9 acres and access easements were retained by the Navy to continue remedial efforts at Installation Restoration (IR) Site 1 – Former Drum Marshalling Area and Site 4 – Former Underground Storage Tanks (Area of Concern [AOC] 22). A parcel of land connecting the two sites was also retained. Currently, the 9-acre parcel of NWIRP is bordered on the east by a residential neighborhood and on the north, south, and west by Steel Equities; however, a small portion near Sites 2 and 3 is still owned by Nassau County. Access to the NWIRP is from South Oyster Bay Road.

1.3 Geology and Hydrogeology

Overburden at the site consists of well over 1,000 ft of unconsolidated deposits overlying crystalline bedrock of the Hartland Formation. Overburden is divided into four geologic units: the upper Pleistocene deposits, the Magothy Formation, the clay member of the Raritan Formation ("Raritan Clay") and the Lloyd Sand member of the Raritan Formation ("Lloyd Sand") (Geraghty and Miller, 1994).

The upper Pleistocene ranges in thickness from approximately 50 to 100 ft and consists of till and outwash deposits of medium to coarse sand and gravel with lenses of fine sand, silt and clay (Smolensky and Feldman, 1990); these deposits form the Upper Glacial Aquifer. Directly underlying this unit is the Magothy Formation with a thickness of 650 to 900 ft and lower extent of 700 to 1000 ft below ground surface (bgs), as observed at the former NWIRP and extending southeast to areas south of Southern State Parkway. Locally at VPB155, the bottom of the Magothy (top of the Raritan Clay) is encountered at approximately 950 feet bgs. The Magothy is characterized by fine to medium sands and silts interbedded with zones of clays, silty sands and sandy clays. Sand and gravel lenses are found in some areas between depths of 600 and 880 ft bgs; these deposits form the main producing zones of the Magothy Aquifer.

Investigations performed by the Navy since 2012 indicate that the bottom of the Magothy (top of the Raritan Clay) can extend to depths of 700 to greater than 1,000 ft bgs. The top of the Raritan Clay deepens to the south-southeast, as evidenced by clay depths of 1,000 ft bgs (or more) in borings installed offsite. The Raritan Clay Unit is of continental origin and consists of clay, silty clay, clayey silt, and fine silty sand. This member acts as a confining layer over the Lloyd Sand Unit. The Lloyd Sand Unit is also of continental origin, having been deposited in a large fresh water lacustrine environment. The material consists of fine to coarse-grained sands, gravel, inter-bedded clay, and silty sand. These deposits form the Lloyd Aquifer.

The Upper Glacial Aquifer and the Magothy Aquifer comprise the aquifers of interest at the NWIRP. Regionally, these formations are generally considered to form a common, interconnected aquifer as the coarse nature of each unit near their contact and the lack of any regionally confining clay unit allows for the unrestricted flow of groundwater between the formations.

The Magothy Aquifer is the major source of public water in Nassau County. The most productive water bearing zones are the discontinuous lenses of sand and gravel that occur within the siltier matrix. The major water-bearing zones are coarse sand and gravel lenses located in the lower portion of the Magothy. The Magothy Aquifer is commonly regarded to function overall as an unconfined aquifer at shallow depths and a confined aquifer at deeper depths. The drilling program at the NWIRP has revealed that clay zones beneath the facility are common but laterally discontinuous. No confining clay units of facility-wide extent have been encountered. This is also the case for borings installed offsite.

Groundwater is encountered at a depth of approximately 50 ft bgs at the facility. Historically, because of pumping and recharge at the facility, groundwater depths have been measured to range from 40 to 60 ft bgs. The groundwater flow in the area is to the south-southeast.

2.0 FIELD PROGRAM

Field investigation activities at VPB155 consisted of drilling, sampling, soil/groundwater analysis, geophysical logging, and surveying. Drilling during this investigation was performed by Delta Well and Pump Company of Ronkonkoma, New York. A description of these tasks is provided below.

2.1 Vertical Profile Borings

One vertical profile boring (VPB155) was completed during this field effort between 17 July 2015 and 25 August 2015. The total depth of VPB155 was 970 ft. The location is shown in Figure 2 and details are summarized in Table 1.

2.1.1 Drilling

VPB155 was installed by drilling an 8-inch diameter hole using mud rotary drilling techniques. Drilling mud consisted of potable water and polymer-free sodium bentonite or equivalent. Drilling mud was contained and re-circulated in baffled, high capacity mud tubs. A sand separator was used intermittently to remove fines from circulation.

2.1.2 Sampling

A total of nine split spoon samples were collected from ground surface to the bottom of the boring. A change in geology was observed by the field geologist at 938 ft bgs and three split spoon samples were subsequently collected to confirm the presence of the Raritan Clay. Samples were logged by the field geologist and screened for Volatile Organic Compounds (VOCs) utilizing a photoionization detector (PID). A detailed boring log for VPB155 is included in Appendix A.

Groundwater grab samples were collected every 50 ft for the first 200 ft of borehole depth. After the first 200 ft, groundwater grab samples were collected approximately every 20 ft until the boring terminated in the Raritan. Groundwater grab samples were collected with a hydropunch sampler and analyzed for VOCs using Environmental Protection Agency (EPA) Method 8260C. The groundwater grab samples were analyzed by Katahdin Analytical Services (Katahdin), a Department of Defense (DoD), Environmental Laboratory Accreditation Program (ELAP), and New York State Department of Environmental Conservation (NYSDEC)-certified laboratory. During the collection of groundwater grab samples, field parameters were measured (pH, temperature, specific conductivity, oxidation reduction potential, dissolved oxygen, and turbidity). Data validation was performed by Resolution Consultants. Groundwater grab sample logs, data validation packages, and analytical data tables are included in Appendix A.

One soil sample was collected for laboratory analysis for total organic carbon (TOC) by EPA series SW-846 method 9060A. During drilling, air sampling was conducted under a Community Air Monitoring Plan. One air sample was collected using a Summa canister and submitted for laboratory analysis by EPA Method TO-15. All analyses were performed or sub-contracted by Katahdin. Data validation of both TOC and air data was performed by Resolution Consultants. Data validation packages and analytical data tables are included in Appendix A.

2.1.3 Geophysics

Borehole geophysical logs (gamma) were recorded after the borehole was drilled but prior to the removal of drill rods. A Mount Sopris Instrument model 2PGA-100 poly gamma was used. Starting at the top of the hole, the probe was advanced at a maximum rate of 12 ft per minute. A copy of the log was printed in the field for review once the probe reached the bottom of the borehole. The instrument was then raised to the top of the boring and a second log was generated and printed in the field. The down hole gamma log sheets and plots comparing the gamma log with trichloroethene (TCE) and tetrachloroethene (PCE) concentrations from hydropunch samples are included in Appendix A.

2.2 Decontamination and Investigation Derived Waste (IDW)

Resolution Consultants utilized dedicated and disposable sampling equipment when possible to avoid the potential for cross-contamination of samples. The sampling equipment included dedicated plastic scoops, disposable Teflon or polyethylene tubing, disposable gloves, and laboratory supplied sample bottles. Hand held equipment, split spoons, and the hydropunch were decontaminated using Liquinox and water wash, a potable water rinse, followed by a distilled water rinse. Water was collected in 5-gallon pails or 55-gallon drums.

As part of the IDW management practices and in accordance with the SAP, the investigation waste (consisting of soil cuttings, drilling muds, IDW fluids, and personal protective equipment [PPE]) generated during the boring installation was containerized and staged at NWIRP Bethpage. IDW solids were characterized and disposed of properly. Representative samples from each roll off were submitted to Katahdin for analysis of:

- Target Compound List (TCL) VOCs
- TCL Semi-volatile Organic Compounds (SVOCs)
- Toxicity Characteristic Leaching Procedure (TCLP) Metals
- Polychlorinated Biphenyls (PCBs)

- Total petroleum hydrocarbons
- Corrosivity
- Ignitability
- Reactive Cyanide
- Reactive Sulfide
- Paint Filter

IDW water was containerized in frac tanks and stored at NWIRP Bethpage for characterization and ultimate disposal to the Publicly Owned Treatment Works (POTW), in accordance with the facilities existing discharge permit. A representative water sample was collected from each frac tank and submitted to Katahdin for analysis of VOCs via Method SW 624, pH via Method SW 9040B, PCBs via Method 8082 and Total Metals via Method SW 846. To the extent feasible, soil and water were not mixed. All analytical criteria were met for disposal of soil and water.

2.3 Surveying

A survey of the boring location was conducted at the end of fieldwork by C. T. Male, Inc., of Latham, NY, under the direct supervision of Resolution Consultants. The location was tied into the existing base map developed for this investigation. The survey elevation is referenced to the North American Vertical Datum (NAVD) 1988 and has a vertical accuracy of 0.01 foot. Vertical control is based on observations of the Continuously Operating Reference (COR) Stations Queens and Central Islip. The horizontal location is referenced to the North American Datum (NAD) 1983 (2011) N.Y. Long Island Zone 3104 and has an accuracy of 0.1 foot. Local horizontal and vertical control is based on Global Positioning System (GPS) observations using the NYSNet Real Time Network.

A table of survey data (ground, latitude/longitude and northing/easting) and a survey map is included in Appendix A.

3.0 REFERENCES

Geraghty and Miller, Inc., 1994. *Remedial Investigation Report, Grumman Aerospace Corporation, Bethpage, New York*. Revised September 1994.

Naval Facilities Engineering Command (NAVFAC), 2003. *Record of Decision Naval Weapons Industrial Reserve Plant Bethpage, New York, Operable Unit 2 – Groundwater*, NYS Registry: 1-30-003B. April.

Resolution Consultants, 2013a. *United Federal Programs Sampling and Analysis Plan*, *Site OU-2 Offsite TCE Groundwater Plume Investigation,* NWIRP, Bethpage, New York. April.

Resolution Consultants, 2013b. UFP SAP Addendum*, Installation of Vertical Profile Borings and Monitoring Wells.* NWIRP, Bethpage, New York. December.

Smolensky, D., and Feldman, S., 1990. *Geohydrology of the Bethpage-Hicksville-Levittown Area, Long Island, New York, U.S*. Geological Survey Water-Resourced Investigations Report 88-4135, 25 pp.

Tables

TABLE 1
VERTICAL PROFILE BORING SUMMARY
2015 OU2 GROUNDWATER INVESTIGATION
NWIRP BETHPAGE, NY

BORING	BORING START DATE	BORING COMPLETION DATE	GROUND ELEVATION (MSL)	TOTAL DEPTH (ft bgs)	SURFACE CASING SET AT (ft bgs)	NO. OF SPOON SAMPLES	GAMMA LOG (ft bgs)	NO. GW SAMPLES COLLECTED/ DUPLICATES/ ATTEMPTED	TOC SAMPLES (ft bgs)	DATE OF AIR SAMPLE	MONITORING WELLS INSTALLED AT LOCATION
VPB155	7/17/2015	8/25/2015	79.19	970	120	9	970	36/2/7	763 - 765	8/5/2015	RE121D1 and RE121D2

MSL - mean sea level
ft bgs - feet below ground surface
GW - Groundwater
No. GW Samples Collected/Duplicates/Attempted = number of normal samples/number of field duplicates/number of hydropunch attempts with no sample recovery
TOC - Total Organic Carbon

Figures

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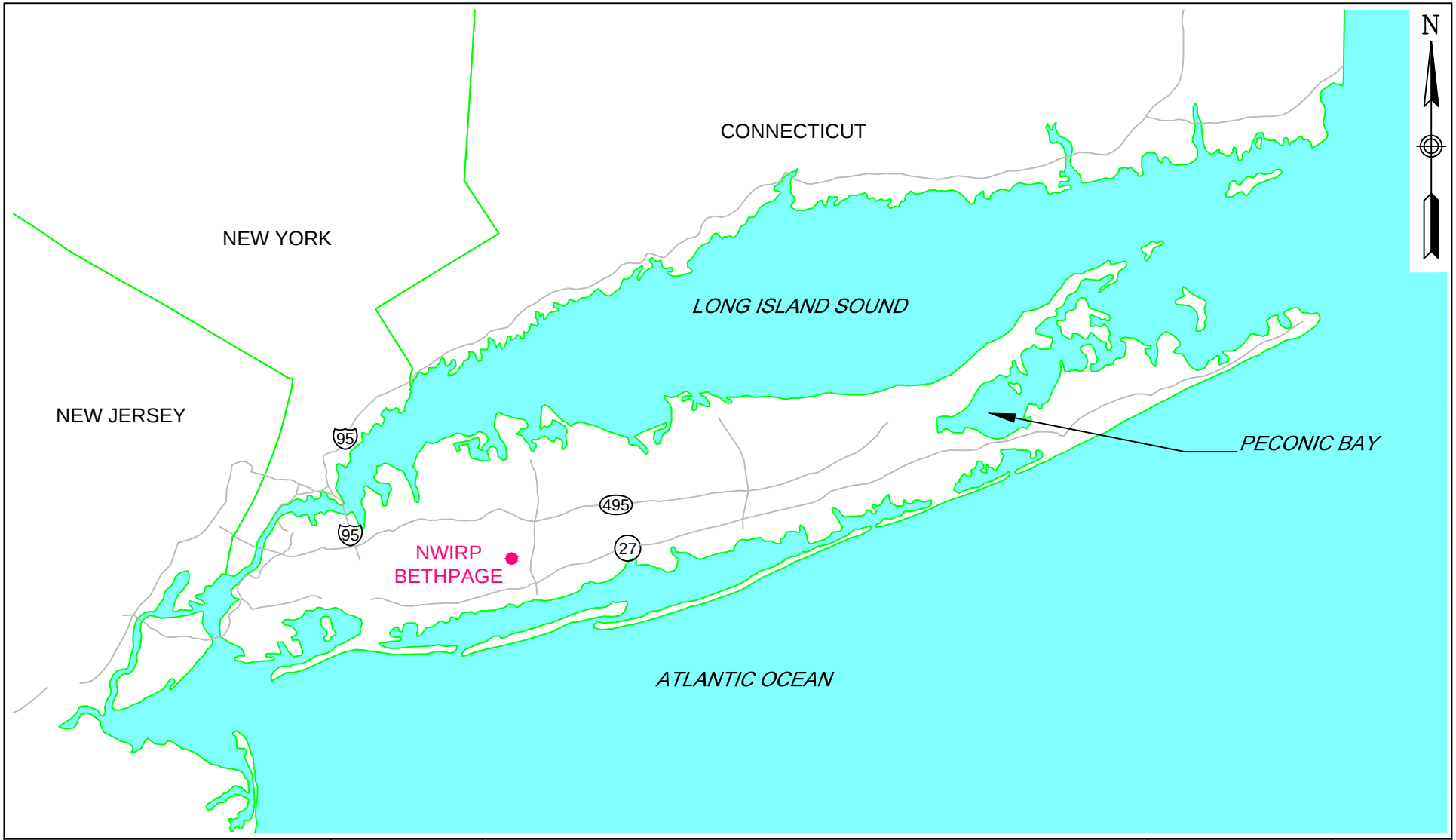

0 15 30

SCALE IN MILES

NAVFAC

GENERAL LOCATION MAP
NWIRP BETHPAGE
BETHPAGE, NEW YORK

CONTRACT NUMBER	CTO NUMBER
N62470-11-D-8013	WE15
APPROVED BY --	DATE --
APPROVED BY --	DATE --
FIGURE NO. 1	REV 0

F:\Projects\Navy\Bethpage WXE0817.0 Deliverables\7.2 CADD\GIS_files\BethpageMAP DOCS\MXD\MISC\Location Maps\F2 VPB 155 2015 11 02 R1.mxd

Former Northrop Grumman Site

Former Naval Weapons Industrial Reserve Plant

Inset: VPB 155 Location

VPB155

VPB76
VPB129
TT101D
TT101D1
TT101D2
VPB155
RE121D1
RE121D2
VPB166

Hempstead Tpke
Union Ave
Berryhill Ln
Keats Ct
Poe Pl
Longfellow Ave
Emerson Ave
Wadsworth Ave
Chase Ln
Hicksville Rd
Mary Ln
Stewart Ave
Millon Ave
Seamans Neck Rd
Whelan Pl
Gilling Rd
Reardon Pl
Miller Pl
Well Ct
Drakel St
Swansdowne Dr
Hillcrest Dr
Ava Rd
Ludwig Ln

Bethpage
Plainedge
South Farmingdale
North Massapequa
Levittown
North Wantagh

Broadway
Stewart Ave
Hicksville Rd
Wantagh Ave
Seamans Neck Rd
Central Ave
Powell Ave
Cherry Ave
Plainview Rd
Fulton St
Conklin St
Merritts Rd
Motor Ave
Bethpage State Pkwy
Boundary Ave
N Linden St
N Broadway
N Jerusalem Rd
Southern State Pkwy
State Hwy 135

0 750 1,500 3,000 Feet

0 375 750 Feet

Legend

- Monitoring Well
- Vertical Profile Boring
- Vertical Profile Boring - Proposed
- Water Supply Well
- Extraction Well

VPB155 LOCATION MAP
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

CONTRACT NUMBER	CTO NUMBER
N62470-11-D8013	WE15
APPROVED BY: PS	DATE: 11/2/2015
APPROVED BY: —	DATE: —
FIGURE NO.: 2	REV: 0

Appendix A

VPB155

Section 1

VPB155 Boring and Gamma Logs

Resolution Consultants

Boring Log

BORING #: VPB155

Client: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic		**Logged By:** M.Zobel, G.Hicks
Location: Union Ave and Verly Ct., Bethpage, NY	**Northing:** 202984.27 **Easting:** 1126646.18	**Drilling Company:** Delta Well & Pump
Project #: 60266526	**Ground Elevation (ft amsl):** 79.19	**Well Screen Interval (ft):** NA
Start Date: 7/17/2015	**Drilling Method:** Auger (0-50' bgs) Mud Rotary (>50' bgs)	**Water Level (ft):** NA
Finish Date: 8/25/2015		**Total Depth (ft):** 970.0

Mud Rotary Drilling Note: Unless denoted by a splitspoon sample (indicated by the presence of a PID reading), boundaries between strata are approximate only and may be transitional because they are based on screened wash samples collected during mud rotary drilling at 5 ft. intervals.

DEPTH (ft)	Gamma Ray (0 / 30 / 60 / 90)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
0–2					Upper Glacial	SW		Brown (7.5YR 4/3) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
2–6						SW		Strong brown (7.5YR 5/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
6–10						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
10–14						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
14–18						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
18–22						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
22–26						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
26–30						SW		Yellow (10YR 7/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
30–34						SW		Yellow (10YR 7/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
34–38						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
38–42						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
42–46						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
46–50						SW		Brownish yellow (10YR 6/8) well graded fine to coarse subangular SAND with fine to coarse subrounded Gravel, trace silt
50–54						SW		

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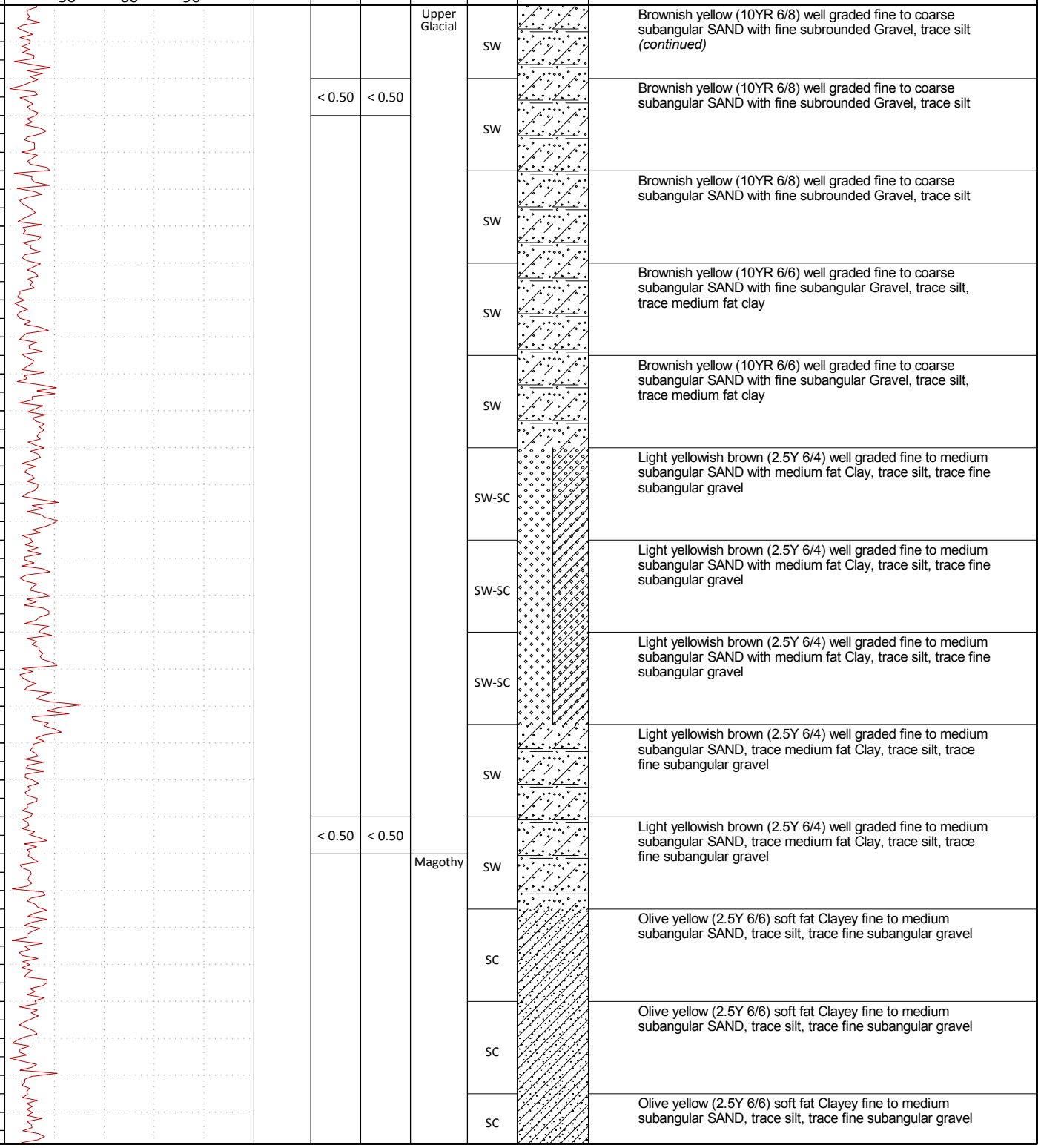
Resolution Consultants

Boring Log

BORING #: VPB155

Sheet 2 of 16



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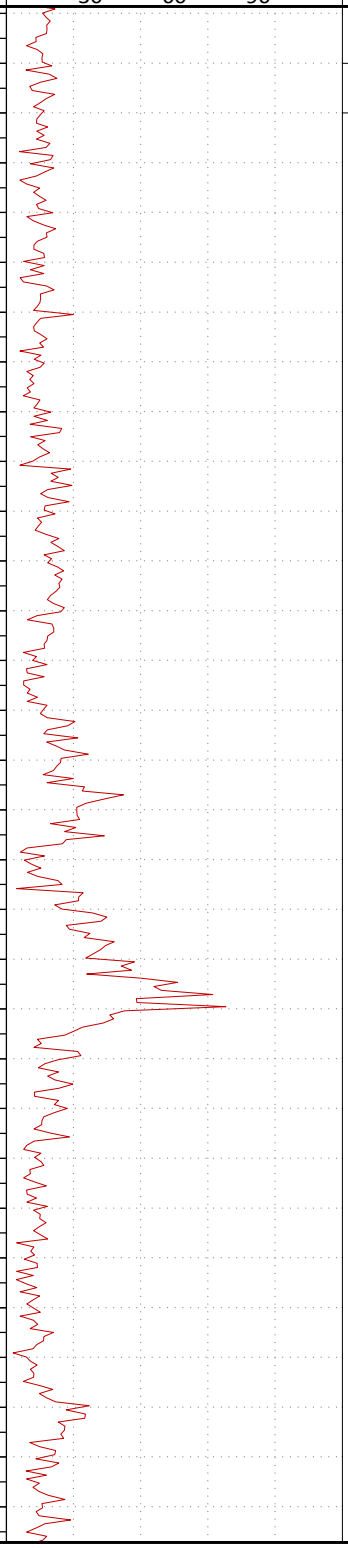
Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
116				Magothy	SC		Olive yellow (2.5Y 6/6) soft fat Clayey fine to medium subangular SAND, trace silt, trace fine subangular gravel *(continued)*
118							
120	0				SP-SC		Light yellowish brown (2.5Y 6/4) poorly graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
122					SP-SC		Light yellowish brown (2.5Y 6/4) poorly graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
124							
126					SW-SC		Light yellowish brown (2.5Y 6/4) well graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
128							
130					SW-SC		Light yellowish brown (2.5Y 6/4) well graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
132							
134					SW-SC		Light yellowish brown (2.5Y 6/4) well graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
136							
138							
140					SW-SC		Light yellowish brown (2.5Y 6/4) well graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
142							
144					SW-SC		Light yellowish brown (2.5Y 6/4) well graded fine to medium subangular SAND with medium fat Clay, trace silt, trace fine subangular gravel
146							
148							
150		1.7	< 0.50		SC		Light yellowish brown (2.5Y 6/4) soft fat Clayey well graded fine to medium subangular SAND, trace silt, trace fine subangular gravel
152							
154					SC		Light yellowish brown (2.5Y 6/4) soft fat Clayey well graded fine to medium subangular SAND, trace silt, trace fine subangular gravel
156							
158							
160					SC		Light yellowish brown (2.5Y 6/4) soft fat Clayey well graded fine to medium subangular SAND, trace silt, trace fine subangular gravel
162							
164					SC		Light yellowish brown (2.5Y 6/4) soft fat Clayey well graded fine to medium subangular SAND, trace silt, trace fine subangular gravel
166							
168							
170					SC		Light yellowish brown (2.5Y 6/4) soft fat Clayey well graded fine to medium subangular SAND, trace silt, trace fine subangular gravel
172							
174					SC		Light yellowish brown (2.5Y 6/4) soft fat Clayey well graded fine to medium subangular SAND, trace silt, trace fine subangular gravel
176							

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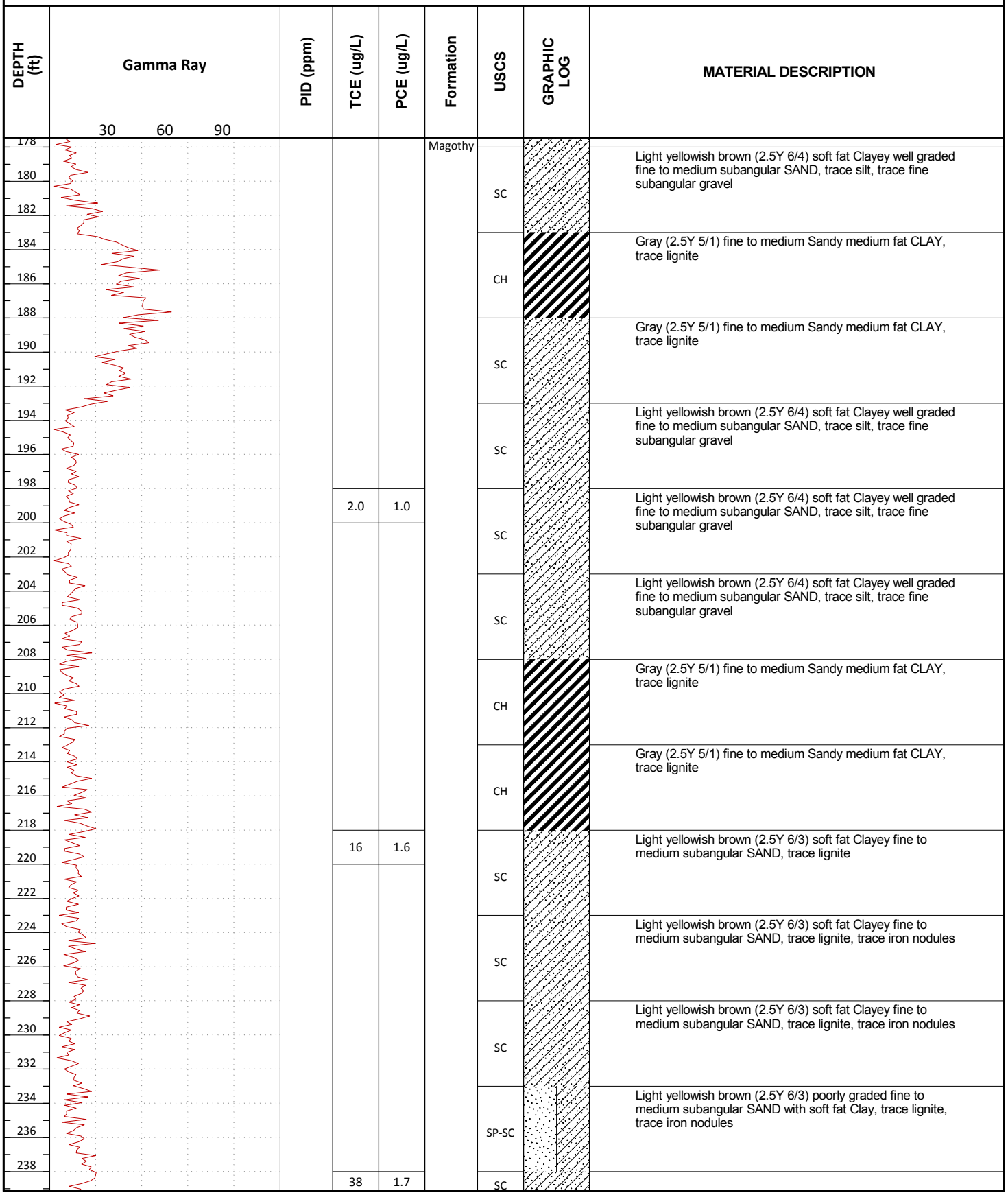
Resolution Consultants

Boring Log

BORING #: VPB155



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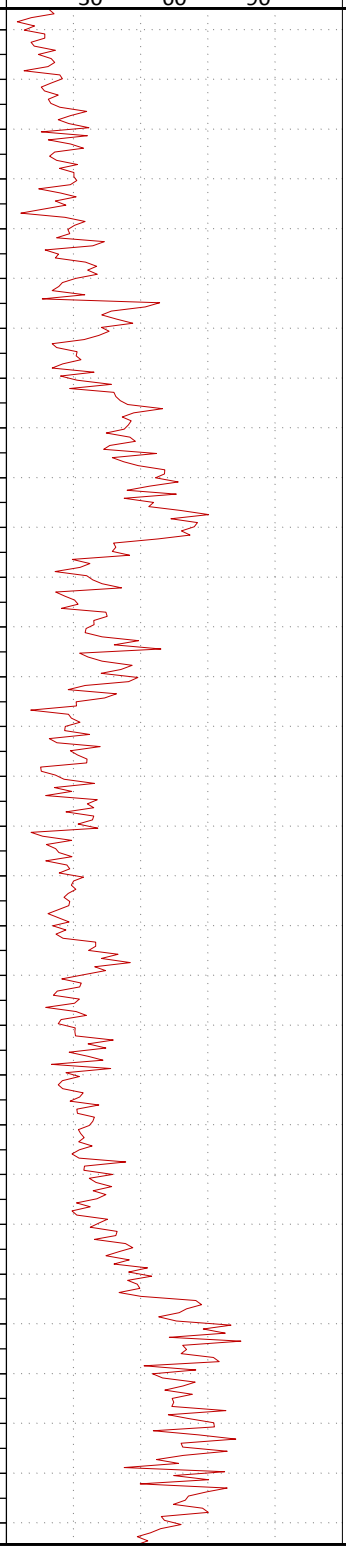


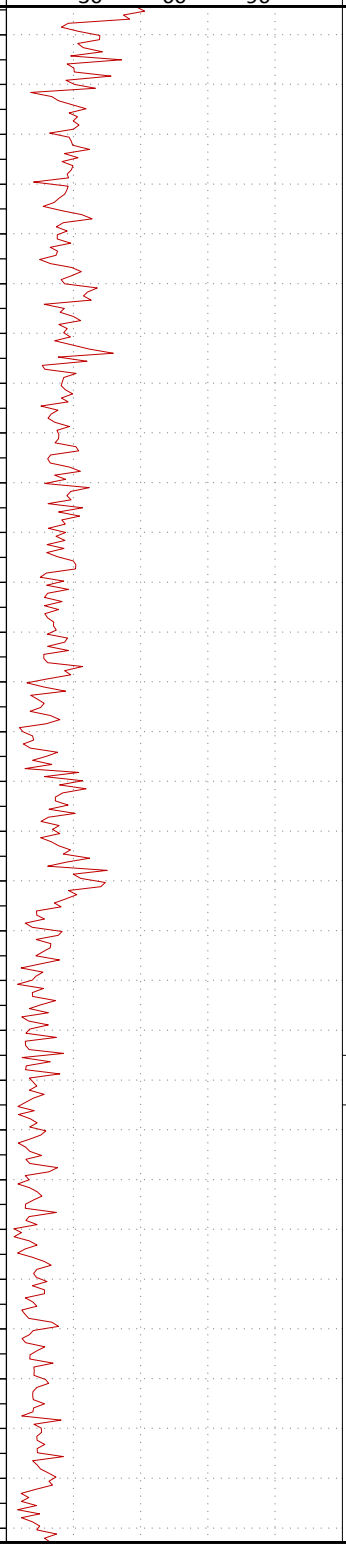
DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
240		38	1.7	Magothy	SC		Light brownish gray (2.5Y 6/2) soft fat Clayey fine to medium subangular SAND, trace lignite, trace iron nodules *(continued)*
242							
244					SC		Light brownish gray (2.5Y 6/2) soft fat Clayey fine to medium subangular SAND, trace lignite, trace iron nodules
246							
248							
250					SC		Light brownish gray (2.5Y 6/2) soft fat Clayey fine to medium subangular SAND, trace lignite, trace iron nodules
252							
254					CH		Gray (2.5Y 5/1) fine to medium Sandy medium fat CLAY, trace lignite, trace iron nodules
256							
258							
260		0.42	< 0.50		SC		Light brownish gray (2.5Y 6/2) soft fat Clayey fine to medium subangular SAND, trace lignite
262							
264					SC		Gray (2.5Y 5/1) medium fat Clayey fine to medium subangular SAND, few lignite, trace iron nodules
266							
268							
270					CH		Gray (2.5Y 5/1) fine to medium Sandy medium fat CLAY, few lignite, trace iron nodules
272							
274					CH		Gray (2.5Y 5/1) fine to medium Sandy medium fat CLAY, few lignite, trace iron nodules
276							
278							
280		< 0.50	< 0.50		SP		Gray (2.5Y 6/1) poorly graded fine to medium subangular SAND, trace Silt, trace lignite
282							
284					CH		Gray (2.5Y 5/1) stiff fat CLAY with fine to medium Sand, trace lignite, trace iron nodules
286							
288							
290					CH		Gray (2.5Y 5/1) stiff fat CLAY with fine to medium Sand, few lignite, few iron nodules
292							
294					CH		Gray (2.5Y 5/1) fine to medium Sandy stiff fat CLAY, few lignite, few iron nodules
296							
298							
300		< 0.50	< 0.50		SP-SC		Gray (2.5Y 5/1) poorly graded fine to medium subangular SAND with medium fat Clay

(Continued Next Page)

Resolution Consultants

Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
302				Magothy	SP-SC		Gray (2.5Y 5/1) poorly graded fine to medium subangular SAND with medium fat Clay *(continued)*
304					CH		Gray (Gley1 6/N) stiff fat CLAY with fine Sand, trace silt
306							
308							
310					CH		Gray (Gley1 6/N) Silty stiff fat CLAY, few fine sand
312							
314					CH		Gray (Gley1 6/N) Silty stiff fat CLAY, few fine sand
316							
318							
320		< 0.50	< 0.50		SC		Gray (Gley1 6/N) medium Clayey fine subangular SAND, trace silt, trace lignite
322							
324					SC		Gray (Gley1 6/N) medium Clayey fine subangular SAND, trace silt, trace lignite
326							
328					SC		Gray (Gley1 6/N) medium Clayey fine subangular SAND, trace silt, trace lignite
330							
332							
334					SC		Gray (Gley1 6/N) medium Clayey fine subangular SAND, trace silt, trace lignite
336							
338							
340		< 0.50	< 0.50		SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND, trace clay
342							
344	0				SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND, trace Lignite
346					SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND, trace Lignite
348							
350					SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND
352							
354					SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND
356							
358							
360		< 0.50	< 0.50		SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND
362							

(Continued Next Page)

Resolution Consultants

Boring Log

BORING #: VPB155

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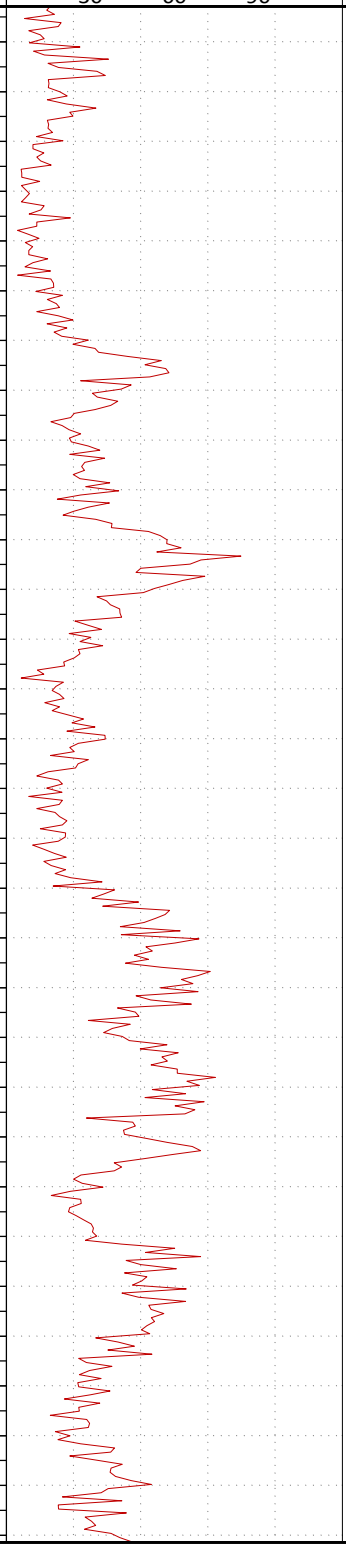

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
364				Magothy	SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND
366							
368							
370					SP		Gray (2.5Y 5/1) poorly graded fine subangular SAND
372							
374					SP-SC		Gray (2.5Y 5/1) poorly graded fine subangular SAND with medium fat Clay
376							
378							
380		< 2.0	< 2.0		CH		Gray (2.5Y 5/1) stiff fat CLAY, trace Lignite, trace fine sand
382							
384					CH		Gray (2.5Y 5/1) stiff fat CLAY, few Lignite, trace fine sand
386							
388							
390					CH		Gray (2.5Y 5/1) fine Sandy stiff fat CLAY, trace lignite
392							
394					CH		Gray (2.5Y 5/1) fine Sandy stiff fat CLAY, trace lignite
396							
398							
400		< 0.50	< 0.50		SC		Gray (2.5Y 5/1) soft Clayey fine subangular SAND, trace lignite
402							
404					SC		Gray (2.5Y 5/1) soft Clayey fine subangular SAND, trace lignite
406							
408							
410					CH		Gray (Gley1 5/N) fine Sandy medium fat CLAY, trace lignite
412							
414					CH		Gray (Gley1 5/N) fine Sandy medium fat CLAY, trace lignite
416							
418							
420		< 2.0	< 2.0		CH		Dark gray (Gley1 4/N) fine Sandy medium fat CLAY, trace lignite
422							
424					SC		

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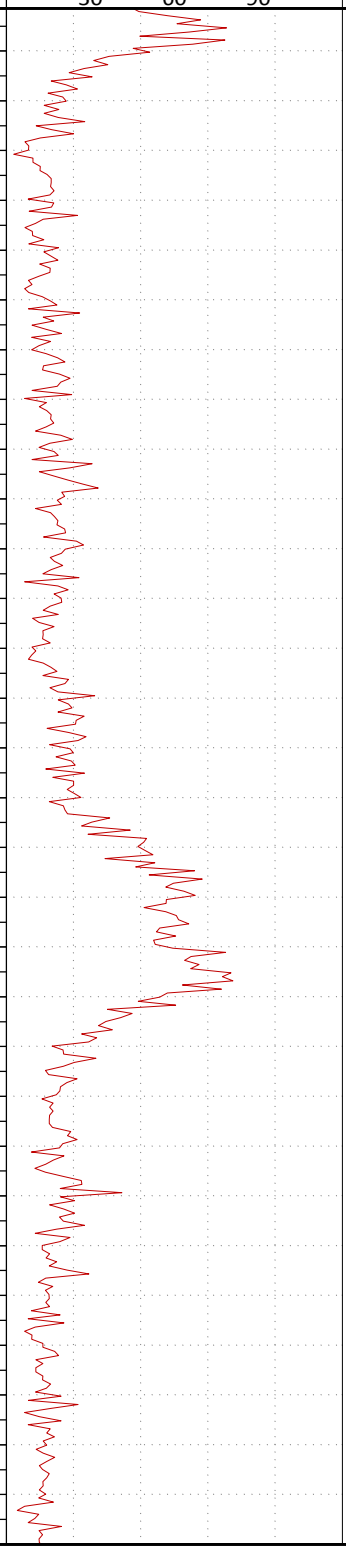

DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
426				Magothy	SC		Gray (Gley1 5/N) soft Clayey fine subangular SAND, trace lignite *(continued)*
428							
430					SP-SC		Gray (Gley1 5/N) poorly graded fine subangular SAND with soft fat Clay, trace lignite, trace pyrite
432							
434					SP-SC		Gray (Gley1 5/N) poorly graded fine subangular SAND with soft fat Clay, trace lignite, trace pyrite
436							
438							
440		< 0.50	< 0.50		SP-SC		Gray (Gley1 5/N) poorly graded fine subangular SAND with soft fat Clay, trace lignite, trace pyrite
442							
444					SP-SC		Gray (Gley1 5/N) poorly graded fine subangular SAND with soft fat Clay, trace lignite
446							
448							
450					CH		White (Gley1 8/N) fine Sandy soft fat CLAY, trace lignite
452							
454					CH		White (Gley1 8/N) fine Sandy soft fat CLAY, trace lignite
456							
458							
460		< 0.50	< 0.50		CH		Gray (2.5Y 6/1) fine Sandy soft fat CLAY with silt, trace lignite
462							
464					CH		Light gray (Gley1 7/N) fine Sandy soft fat CLAY with silt, trace lignite
466							
468							
470					SP-SC		Gray (Gley1 6/N) poorly graded fine subangular SAND with soft fat Clay, few silt
472							
474					SM		Gray (Gley1 6/N) Silty poorly graded fine subangular SAND, trace soft fat clay, trace lignite
476							
478							
480		< 0.50	< 0.50		SM		Gray (Gley1 6/N) Silty poorly graded fine subangular SAND, trace soft fat clay, trace lignite
482							
484					CH		Dark gray (Gley1 4/N) fine Sandy stiff fat CLAY, trace lignite
486							

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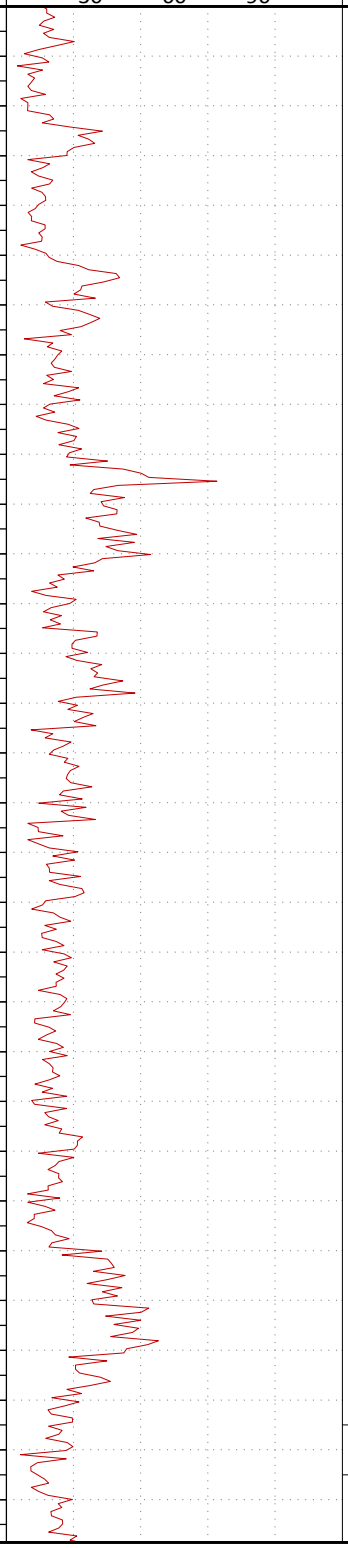
Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
486				Magothy	CH		Dark gray (Gley1 4/N) fine Sandy stiff fat CLAY, trace lignite *(continued)*
488							
490					SC		Gray (Gley1 6/N) medium fat Clayey poorly graded fine subangular SAND
492							
494					CH		Light gray (Gley1 7/N) soft fat CLAY with fine Sand, trace lignite
496							
498							
500		< 0.50	< 0.50		CH		Gray (Gley1 6/N) soft fat CLAY with Silt, trace fine sand
502							
504					CH		Gray (Gley1 6/N) soft fat CLAY with Silt, trace fine sand
506							
508							
510					CH		Light gray (Gley1 7/N) fine Sandy stiff fat CLAY, trace lignite
512							
514					CH		Light gray (Gley1 7/N) fine Sandy stiff fat CLAY, trace lignite
516							
518							
520		< 0.50	< 0.50		SP-SC		Gray (Gley1 6/N) poorly graded fine subangular SAND with soft fat Clay and silt
522							
524					SP-SM		Gray (Gley1 6/N) poorly graded fine subangular SAND with Silt, trace soft fat clay
526							
528							
530					SC		Grey (Gley1 6/N) medium fat Clayey fine subangular SAND, trace silt
532							
534					CH		Light gray (Gley1 7/N) fine Sandy medium fat CLAY, trace lignite
536							
538							
540		< 0.50	< 0.50		CH		Gray (Gley1 5/N) soft fat CLAY with fine Sand, trace silt
542							
544	0				SP-SC		Gray (Gley1 5/N) poorly graded fine Sand with soft fat Clay, trace silt
546							

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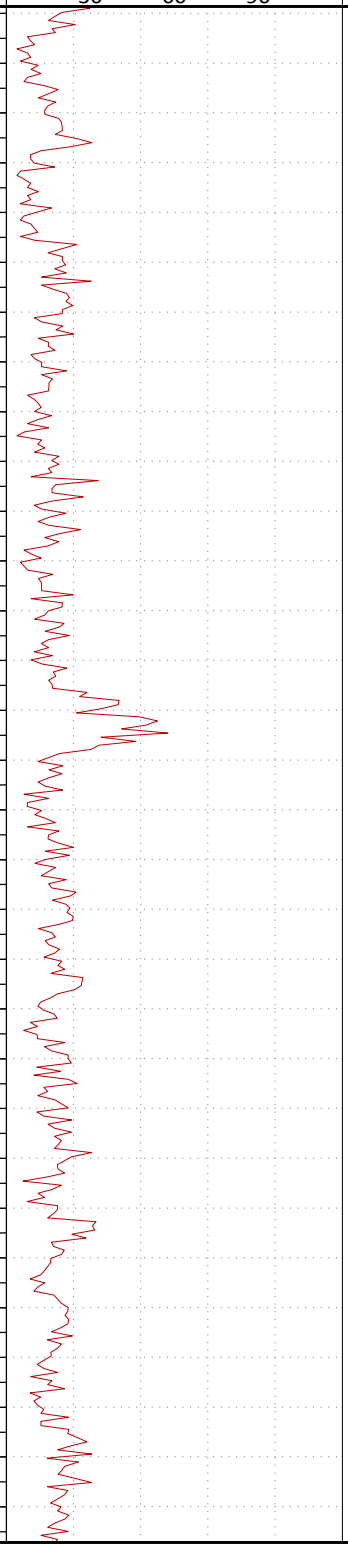
Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
548				Magothy			
550					SC		Grey (Gley1 6/N) medium fat Clayey fine to medium subangular SAND, trace silt
552							
554					SW		Grey (Gley1 6/N) well graded fine to medium subangular SAND, trace soft fat Clay
556							
558							
560		45	< 0.50		SW		Grey (Gley 1 6/N) well graded fine to medium subangular SAND
562							
564					SC		Grey (Gley 1 5/N) well graded fine to coarse subangular Clayey SAND
566							
568							
570					SC		Grey (Gley 1 6/N) well graded fine to medium subangular SAND, few fine subangular Gravel, trace soft fat Clay
572							
574					CH		Grey (Gley 1 6/N) fine to coarse subangular Sandy soft fat CLAY
576							
578							
580		16	< 0.50		SC		Grey (Gley 1 6/N) soft fat Clayey fine to coarse subangular SAND
582							
584					SC		Grey (Gley 1 6/N) soft fat Clayey fine to coarse subangular SAND
586							
588							
590					CH		Olive grey (5Y 5/2) medium stiff fat CLAY with well graded subangular Sand
592							
594					SC		Olive gray (5Y 4/2) soft fat Clayey medium to coarse subangular SAND
596							
598							
600		< 0.50	< 0.50		SC		Pale olive (5Y 6/3) Clayey poorly graded fine SAND, trace fine subangular Gravel
602							
604					CH		Gray (Gley 1 5/N) fine Sandy medium soft Clay, trace lignite
606							
608							
					SC		

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Boring Log

BORING #: VPB155

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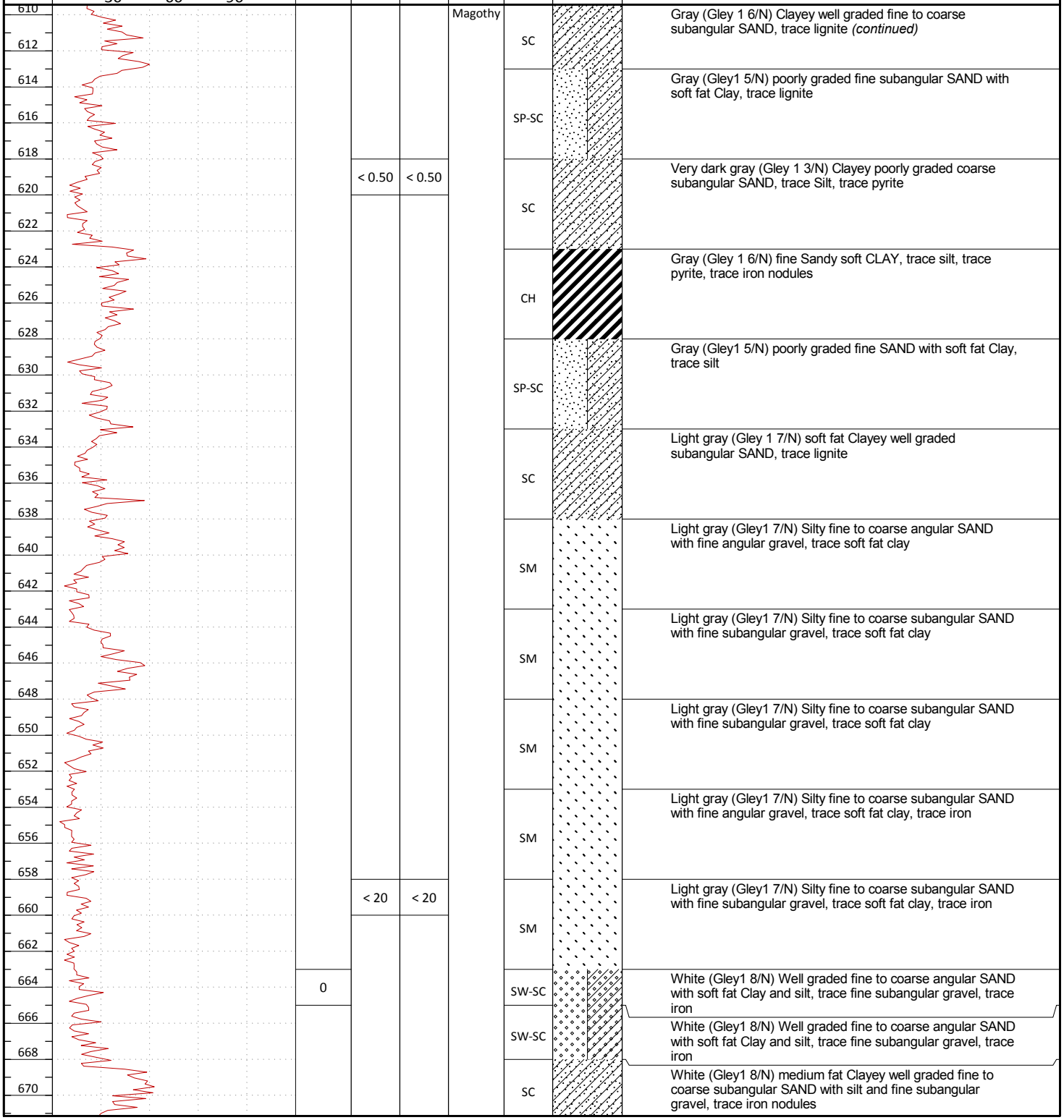

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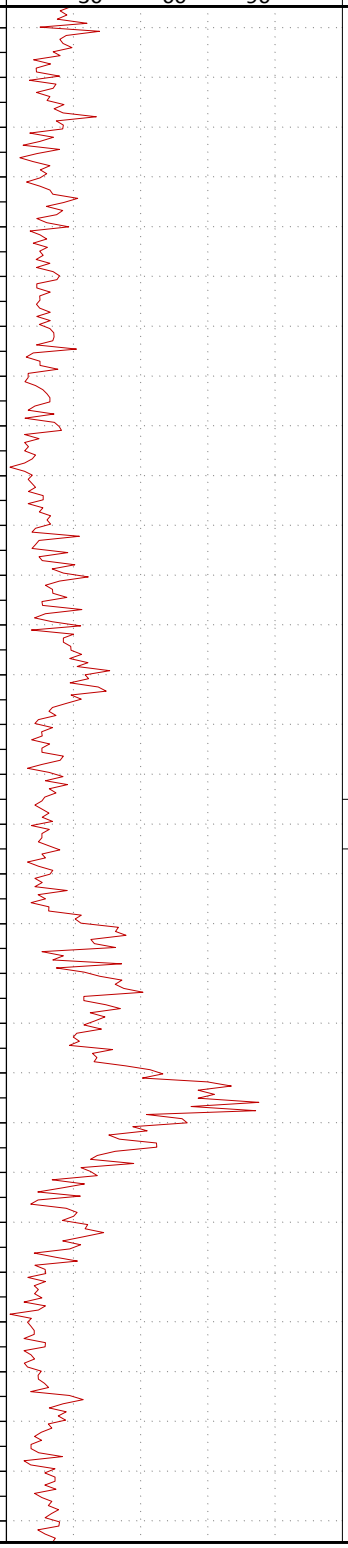
Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
672				Magothy	SC		
674					SC		White (Gley1 8/N) medium fat Clayey well graded fine to coarse subangular SAND with silt and fine subangular gravel
676							
678							
680		< 2.0	< 2.0		SC		White (Gley1 8/N) medium fat Clayey well graded fine to coarse subangular SAND with silt and fine subangular gravel
682							
684					SC		White (Gley1 8/N) medium fat Clayey well graded fine to coarse subangular SAND with silt and fine subangular gravel
686							
688							
690					SW-SC		White (Gley 1 8/N) well graded fine to coarse subangular SAND with soft fat Clay and silt, trace iron
692							
694					GP-GC		Very pale brown (10YR 8/2) poorly graded fine subangular GRAVEL with soft fat Clay and coarse subangular Sand
696							
698							
700		< 2.0	< 2.0		CH		Pale yellow (5Y 8/2) fine subangular Sandy medium fat CLAY, trace fine subanagular gravel, trace iron
702							
704	0				SP-SC		Pale yellow (5Y 8/2) poorly graded coarse subangular SAND with soft fat Clay and fine subangular Gravel
706					SP		Pale brown (2.5Y 8/2) poorly graded coarse subangular SAND with fine subangular Gravel, trace lignite
708							
710					CH		White (Gley1 8/N) fine Sandy stiff fat CLAY, trace iron, trace fine subrounded gravel
712							
714					CH		White (Gley1 8/N) fine Sandy stiff fat CLAY, trace iron
716							
718							
720		< 2.0	< 2.0		SW		Brownish yellow (10YR 6/6) well graded fine to coarse subangular SAND with fine subangular Gravel, trace silt, trace medium fat clay
722							
724					SW		Brownish yellow (10YR 6/6) well graded fine to coarse subangular SAND with fine angular Gravel, trace silt, trace iron nodules, trace medium fat clay
726							
728							
730					SP		Brownish yellow (10YR 6/8) poorly graded coarse subangular SAND with fine subrangular Gravel, trace silt, trace iron nodules
732							

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Boring Log

BORING #: VPB155

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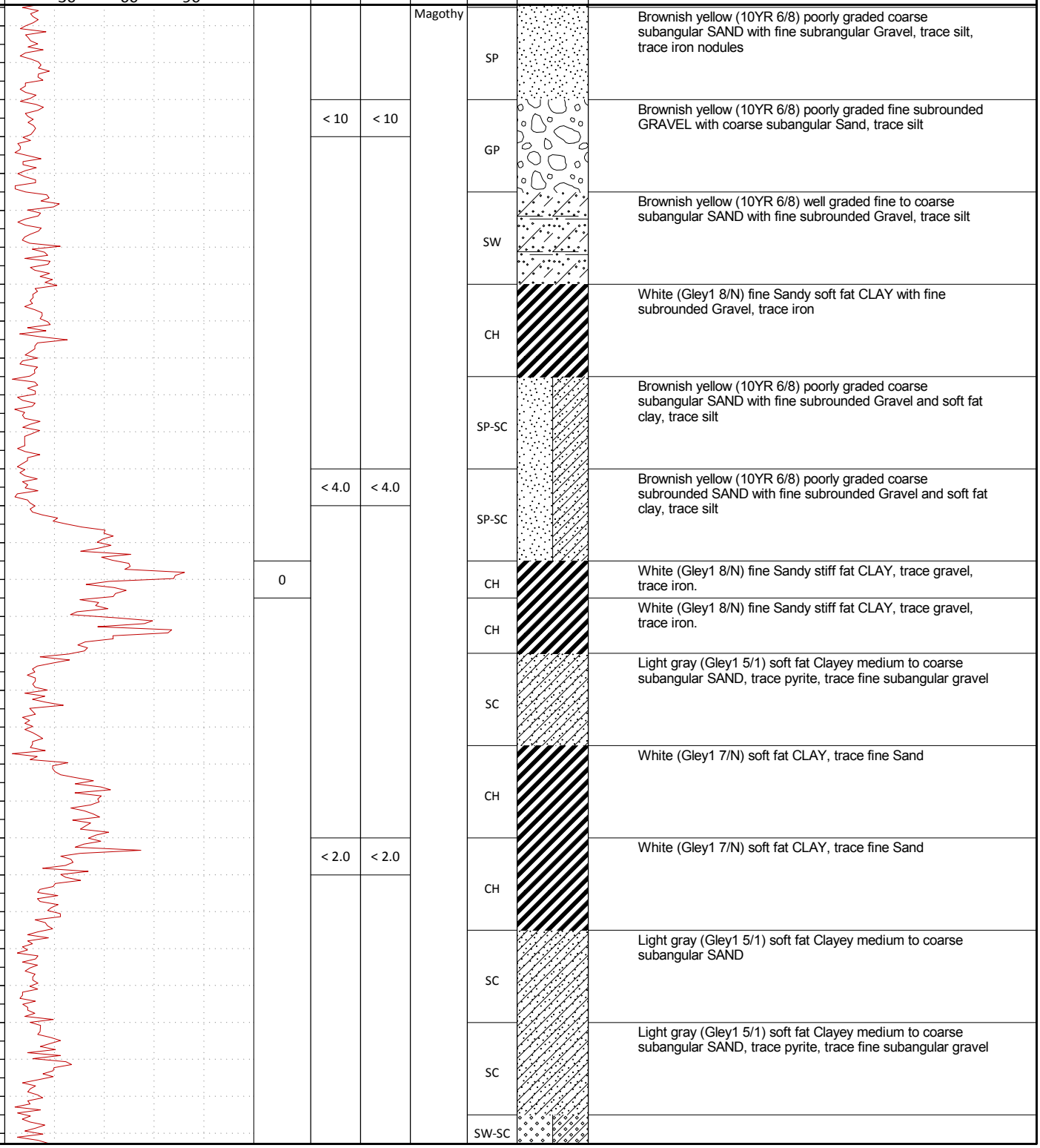

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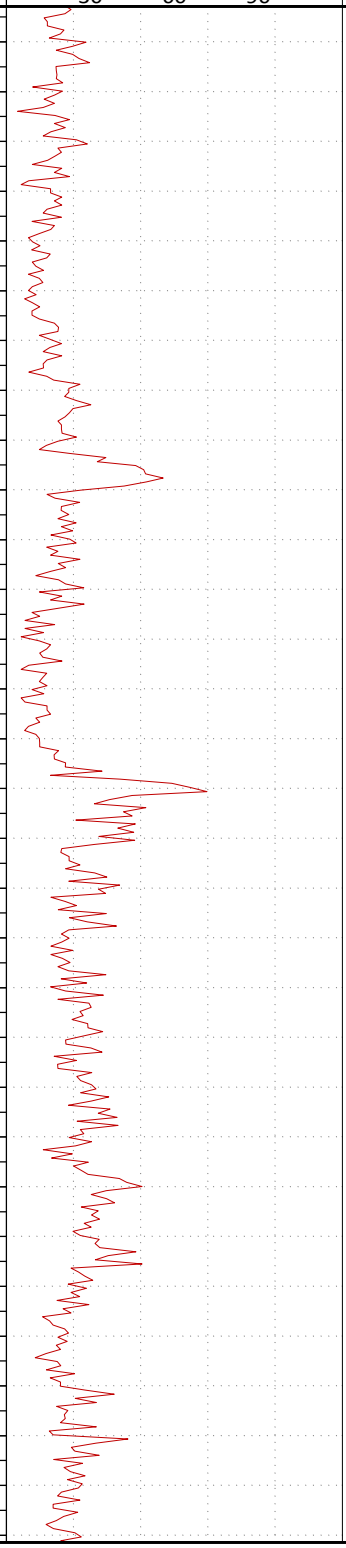
Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
796				Magothy	SW-SC		Brownish yellow (10YR 6/8) well graded subangular SAND with soft fat Clay *(continued)*
798							
800		< 4.0	< 4.0		SW-SC		Brownish yellow (10YR 6/8) well graded subangular SAND with soft fat Clay, trace subrounded gravel, trace iron nodules
802							
804					SC		White (Gley 1 7/N) soft fat Clayey fine SAND
806							
808					CH		White (Gley1 7/N) stiff fat CLAY, trace fine Sand
810							
812					SC		Light gray (Gley1 5/N) soft fat Clayey SAND
814							
816					SW		Very pale brown (10YR 7/4) well graded fine to coarse subangular SAND, trace fine subrounded Gravel
818							
820					CH		Light gray (Gley1 7/N) poorly graded fine Sandy soft fat CLAY, trace lignite
822							
824					CH		Light gray (Gley1 7/N) poorly graded fine Sandy soft fat CLAY, trace lignite, trace fine subrounded gravel
826							
828					CH		Light gray (Gley1 7/N) poorly graded fine Sandy soft fat CLAY, trace lignite, trace fine subrounded gravel
830							
832					CH		White (10YR 8/1) fine Sandy soft fat CLAY, trace iron nodules, trace coarse subangular sand
834							
836					SM		White (10YR 8/1) Silty fine SAND, trace soft fat clay, trace lignite
838							
840					CH		White (Gley1 7/N) stiff fat CLAY, trace fine subangular Sand
842							
844					SP		Very pale brown (10YR 7/4) poorly graded medium subangular SAND, trace soft fat Clay, trace silt
846							
848							
850							
852							
854							
856							

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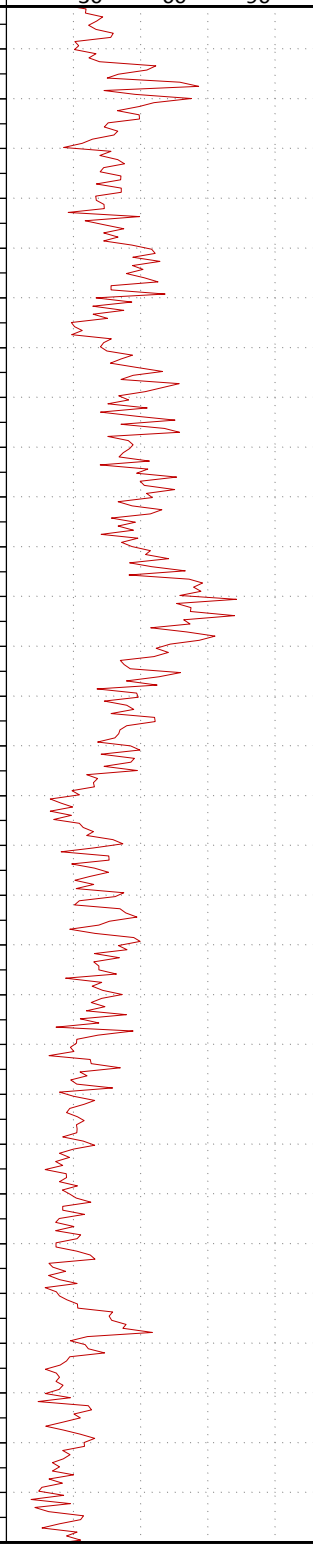
Boring Log

BORING #: VPB155



DEPTH (ft)	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
858				Magothy	SP		
860		< 0.50	< 0.50		SM		Dark gray (2.5Y 4/1) Silty poorly graded fine subangular SAND, trace coarse subangular sand
862							
864					CH		Gray (Gley1 6/N) fine Sandy soft fat CLAY, trace lignite, trace silt
866							
868							
870					CH		Gray (Gley1 6/N) fine Sandy stiff fat CLAY, trace lignite, trace silt, trace pyrite
872							
874					CH		Light gray (Gley1 7/N) fine Sandy stiff fat CLAY, trace coarse subrounded sand and fine subrounded gravel
876							
878							
880					CL		Light gray (Gley 1 7/N) fine Sandy lean CLAY, trace iron nodules
882							
884		< 0.50	< 0.50		CL		Gray (Gley1 6/N) fine Sandy soft lean CLAY, trace silt
886							
888							
890					CL		Gray (Gley1 6/N) fine Sandy soft lean CLAY, trace silt
892							
894					CL		Gray (Gley1 6/N) fine Sandy soft lean CLAY, trace silt, trace lignite
896							
898							
900					SP		Brownish yellow (10YR 6/8) poorly graded fine subangular SAND, trace Pyrite
902							
904					SC		Brownish yellow (10YR 6/6) soft fat Clayey poorly graded fine subangular SAND, trace pyrite, trace lignite
906							
908							
910					CH		Gray (10YR 6/1) fine subangular Sandy soft fat CLAY, trace pyrite, trace fine subrounded gravel
912							
914							Brownish yellow (10YR 6/6) well graded fine to coarse subangular SAND with soft fat Clay, trace pyrite
916					SW-SC		
918							

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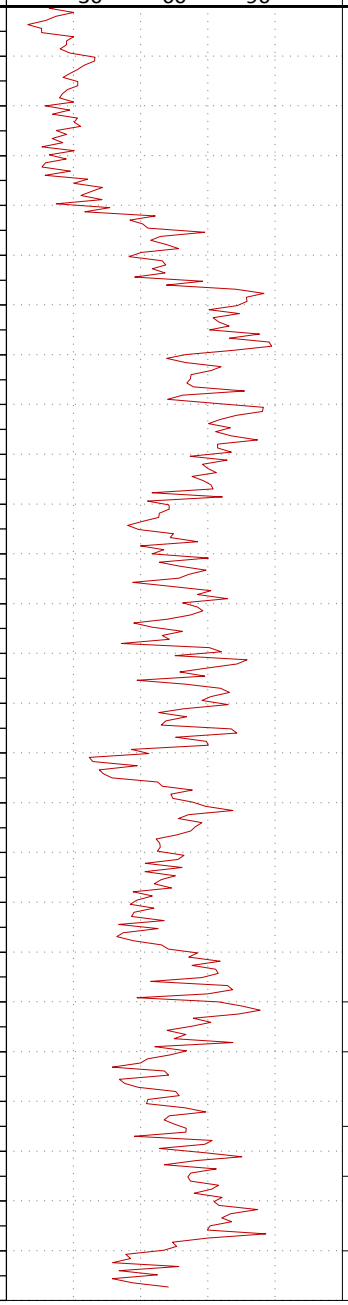
Resolution Consultants

Boring Log

BORING #: VPB155

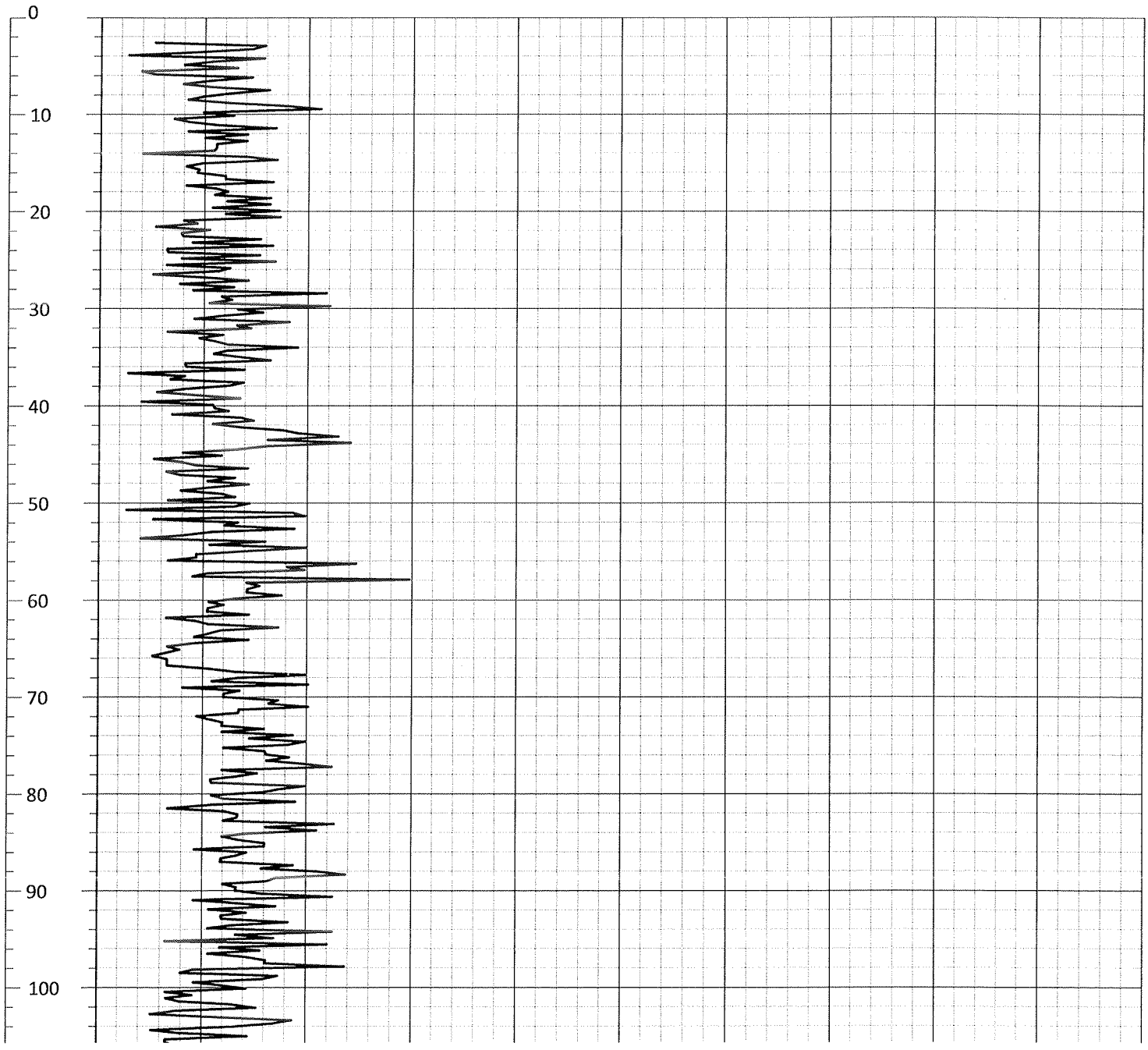


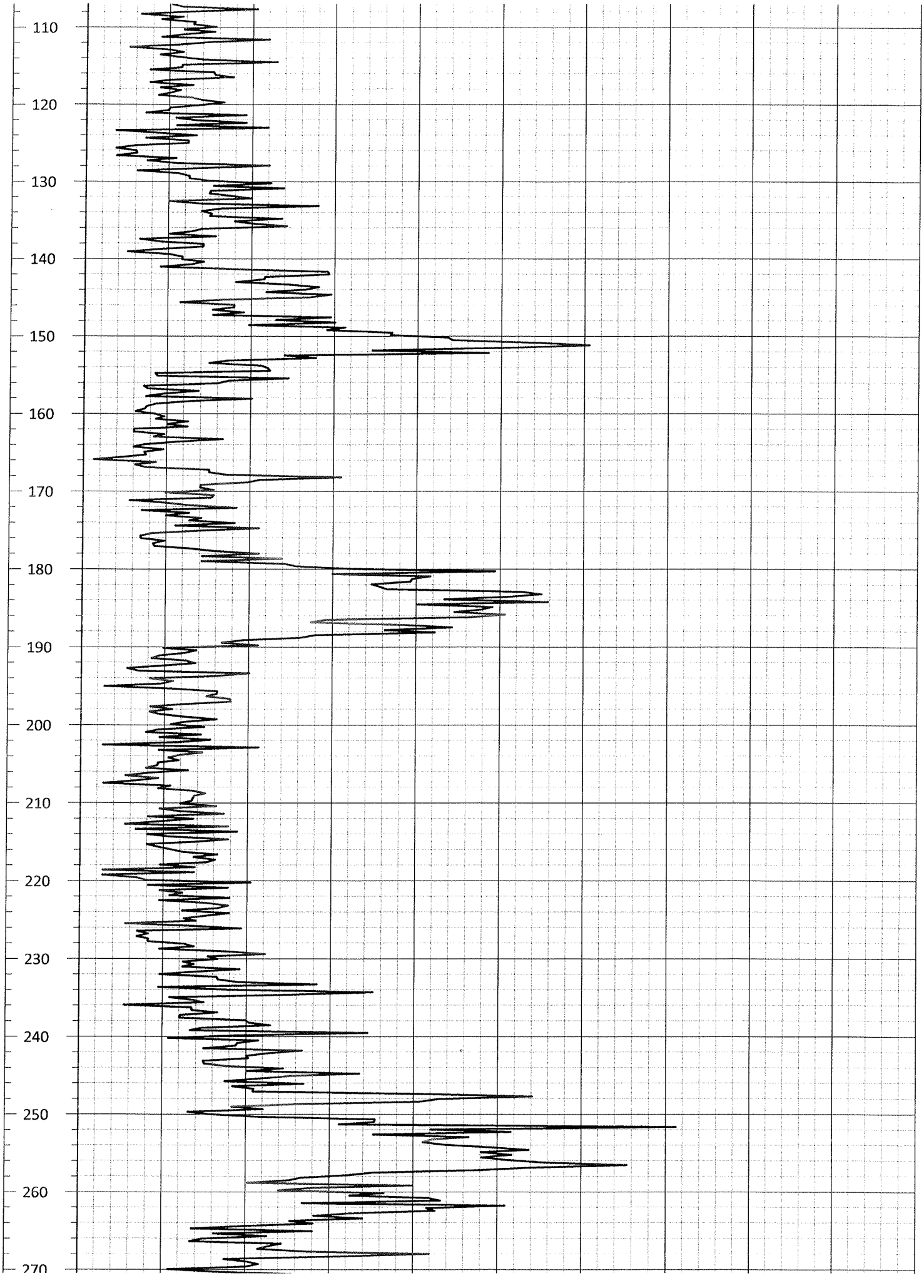
PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
			Magothy	CH		Reddish black (2.5YR 2.5/1) fine Sandy CLAY, trace pyrite, trace medium subangular sand
	< 2.0	< 2.0		MH		Gray (Gley1 6/N) fine Sandy SILT, trace soft fat clay
				MH		Gray (Gley1 6/N) fine Sandy SILT, trace soft fat clay
				MH		Gray (Gley1 6/N) soft lean Clayey SILT, trace subangular coarse sand
				CH		Gray (Gley1 6/N) soft fat CLAY, trace Silt
				CH		Gray (Gley1 6/N) soft fat CLAY, trace Silt
				CH		Gray (Gley1 5/N) stiff fat CLAY, trace Lignite, trace silt
			Raritan Clay	CH		Gray (Gley1 5/N) stiff fat CLAY, trace Lignite, trace silt
0				CH		Reddish black (2.5YR 2.5/1) mottled stiff fat CLAY, trace Lignite
				CH		Dark gray (5YR 4/1) stiff fat CLAY, trace Lignite
0.1				CH		Reddish black (2.5YR 2.5/1) mottled stiff fat CLAY
				CH		Reddish black (2.5YR 2.5/1) mottled stiff fat CLAY
0				CH		Red (7.5R 4/8) mottled stiff fat CLAY

End of boring at 970.0 ft. bgs.

UP HOLE

COMPANY: DELTA WELL & PUMP CO., INC.	
LOCATION: VPB-155	
Well: NWIRP UNION AVE	Depth Driller:
	Depth Logger:
Date: 08/25/2015 Time:	Logged by: CMO
File Name: 739	Witness: GORDAN

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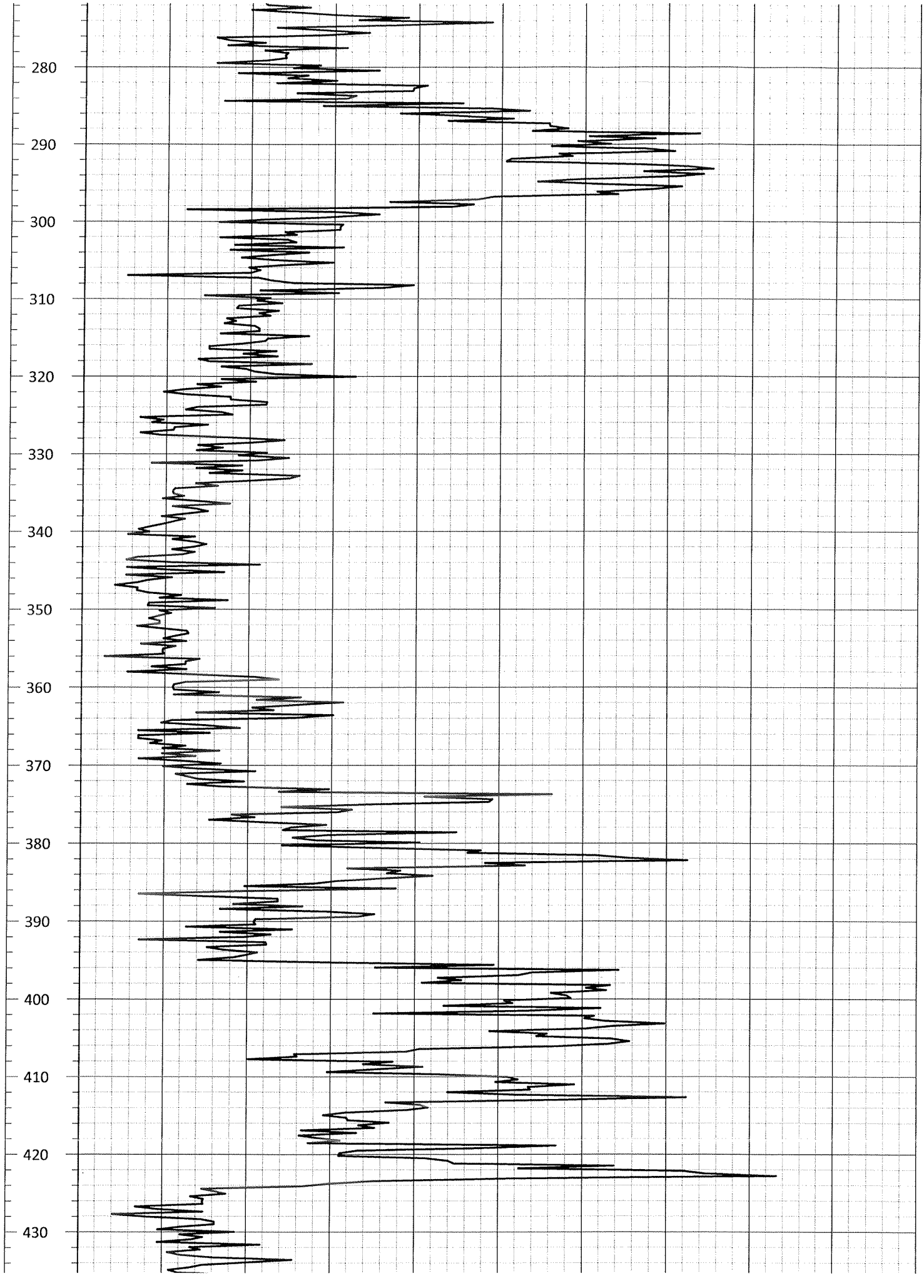
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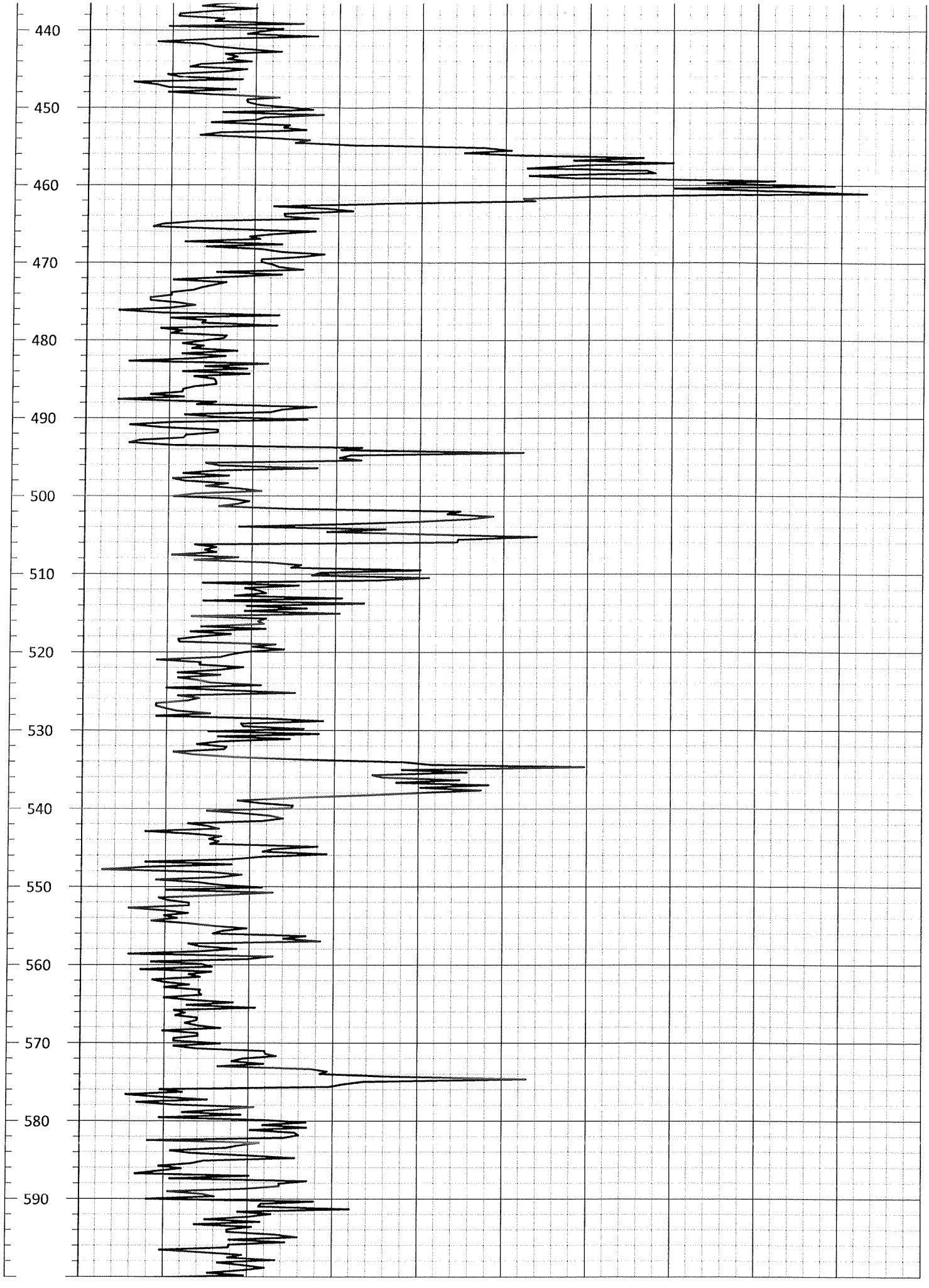
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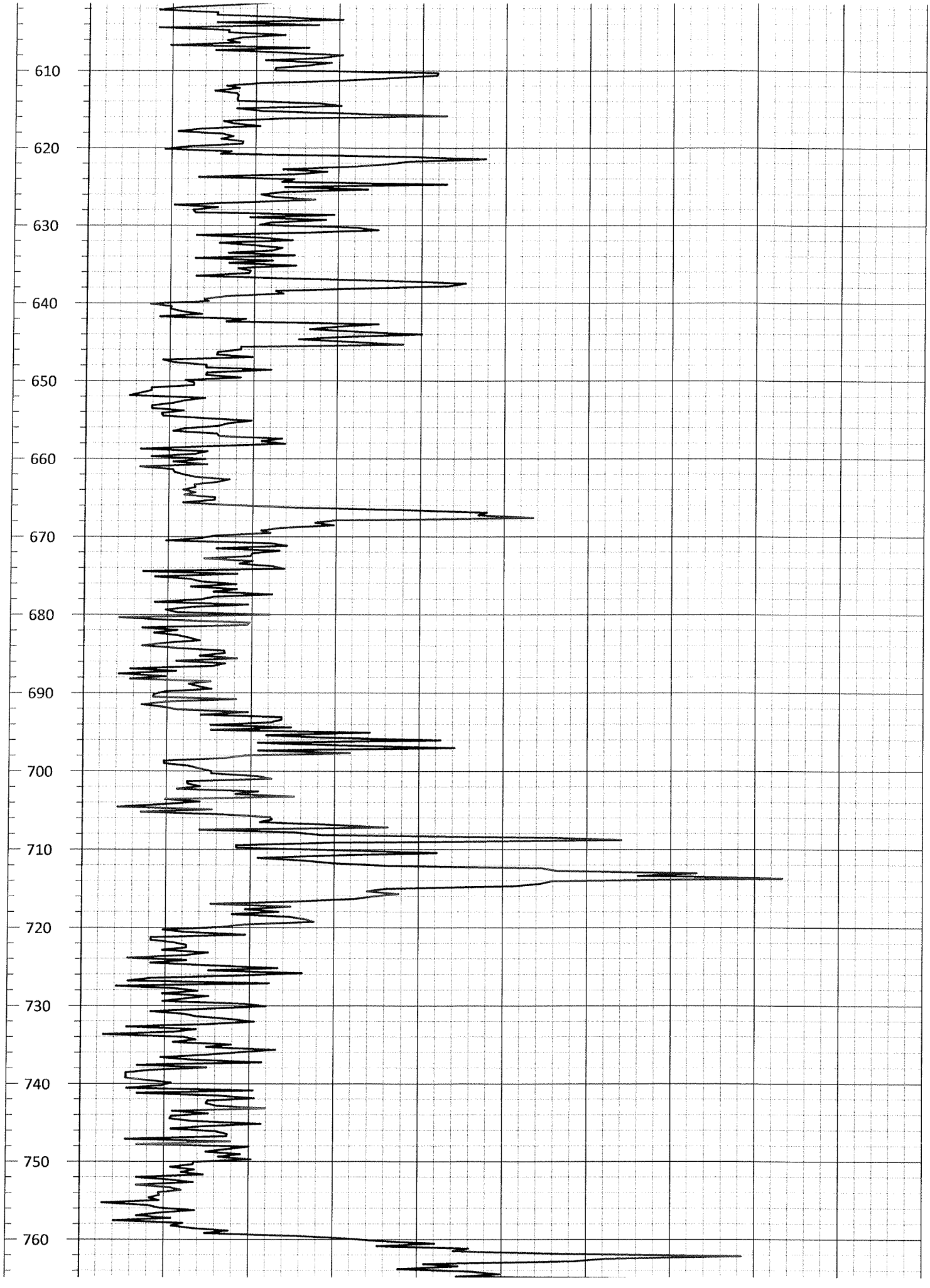
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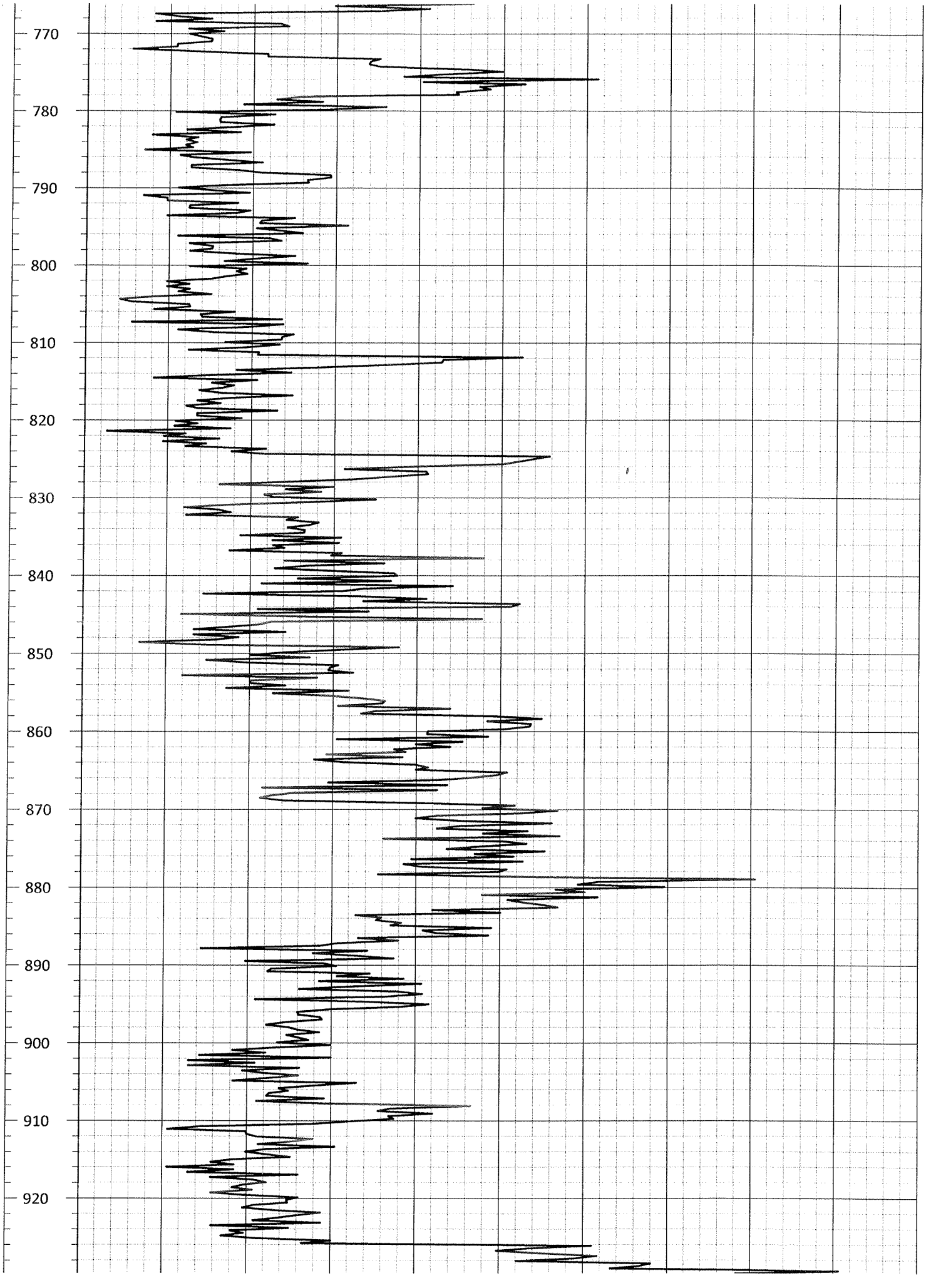
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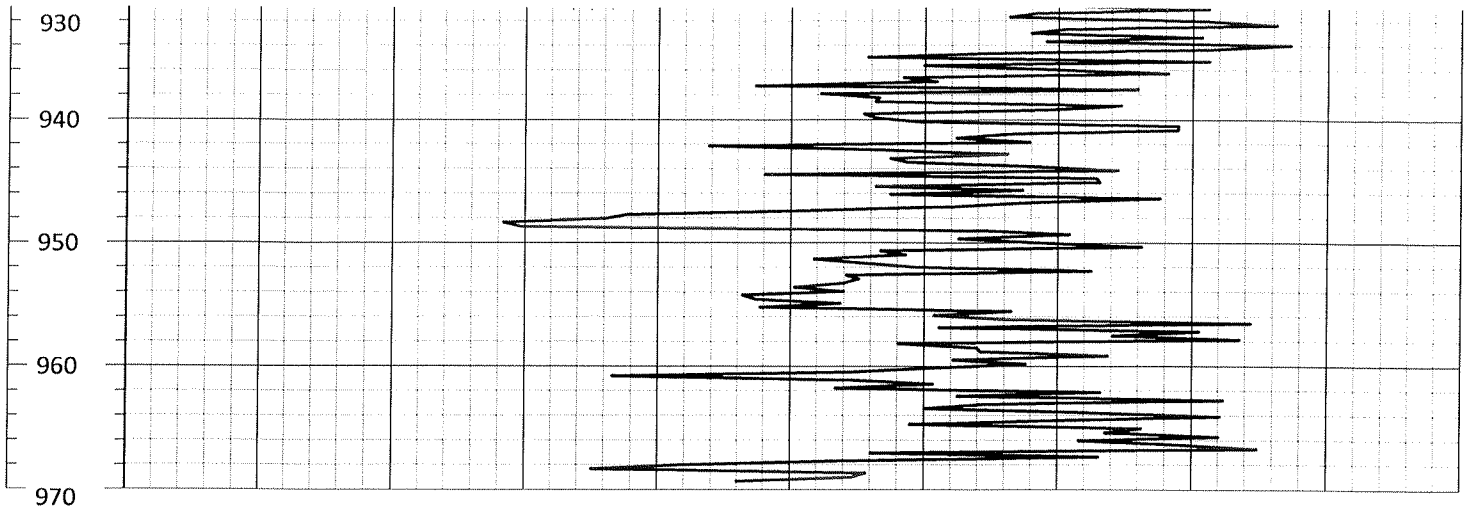
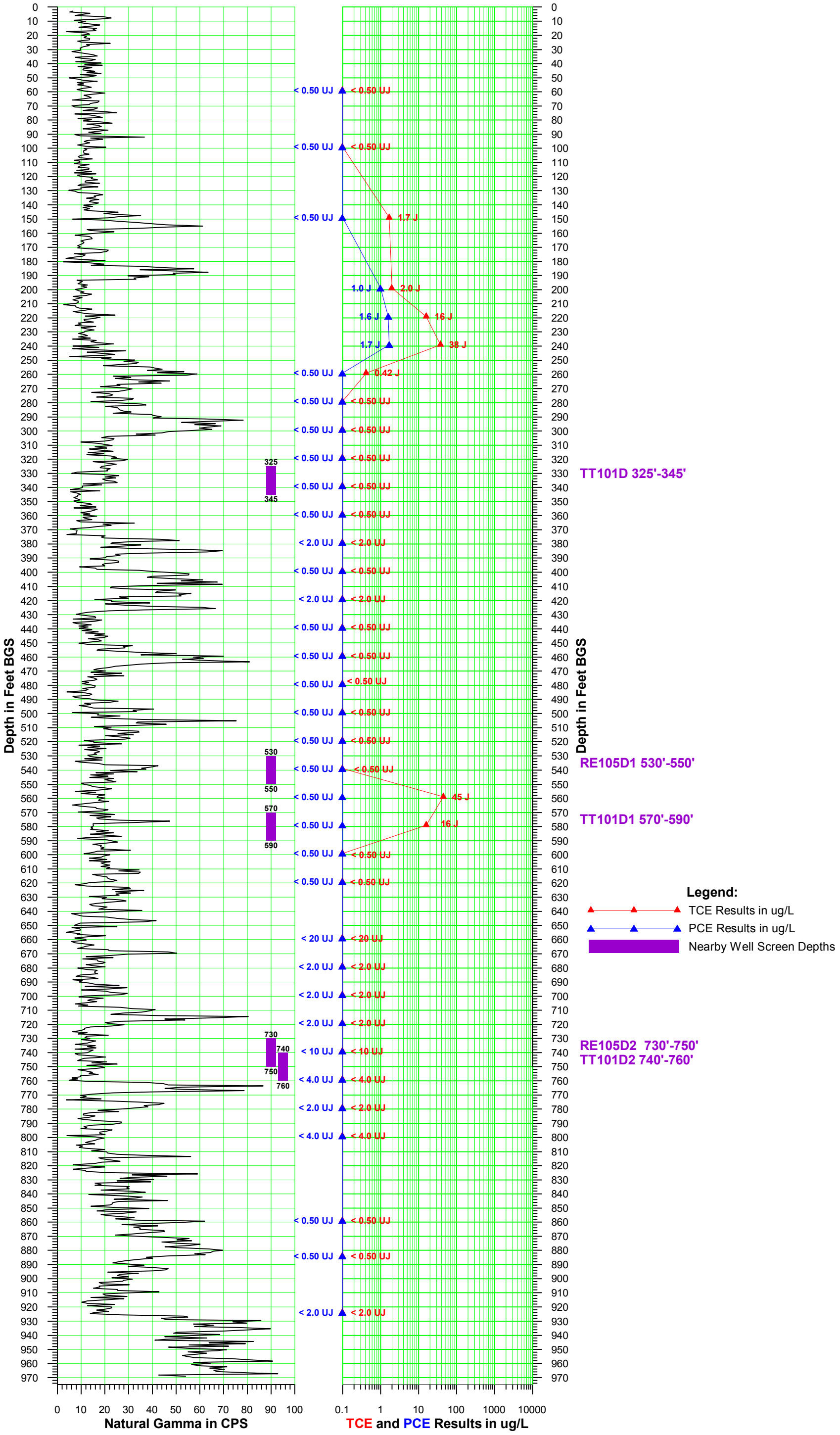


Depth (ft.)	GAMMA (cps)
	0.0 — 100.0

Section 2

VPB155 Gamma and PCE/TCE Plot

Vertical Profile Boring VPB-155
Downward Run - August 25, 2015
Validated Analytical Data



Section 3

VPB155 Groundwater Sample Log Sheets

Hydropunch Sample

Client: Navy (ResCon)
Project No: 60266526
Site Location: VPB155
Weather Conds:

Date: 7-27-15
VPB: 155
Collector(s): MZ

	Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
	7-27-15	1400	21.2	6.71	178.3	1.08	43.2	467.9	58	60	light brown
MS/MSD *	7-28-15	1110	20.7	6.74	135.7	1.43	51.6	583.6	98	100	light brown
	7-30-15	1060	—	Not enough sample for readings				—	148	150	light brown
DUP *	7-30-15	1440	19.8	6.80	243.4	0.92	83.7	522.4	198	200	light gray
	7-31-15	1020	—	Not enough sample for readings				—	218	220	light brown
	7-31-15	1246	20.3	6.71	259.4	1.12	78.6	638.1	238	240	light brown
	7-31-15	1500	21.2	6.86	322.5	0.89	96.4	456.4	258	260	gray-brown
	8-3-15	1030	20.3	6.64	371.3	0.24	106.1	>1,100	278	280	gray
	8-3-15	1240	21.6	6.01	152.7	1.39	81.7	371.4	298	300	cloudy
	8-3-15	1500	21.3	6.12	101.9	1.22	83.4	582.7	318	320	gray
	8-4-15	0950	20.7	6.28	157.1	1.04	6.1	>1,100	338	340	gray
	8-4-15	1240	20.9	6.31	195.3	0.31	-11.2	672.4	358	360	gray-brown
	8-4-15	1445	—	Not enough to take readings				—	378	380	gray
	8-5-15	1020	20.6	6.54	381.6	1.20	56.4	>1,100	398	400	gray
	8-5-15	1235	—	Not enough sample to take readings				—	418	420	gray
MS/MSD *	8-5-15	1500	21.1	6.36	164.0	1.06	103.5	867.8	438	440	gray
	8-6-15	1040	19.3	6.28	111.4	1.63	-5.8	>1,100	458	460	gray
DUP *	8-6-15	1250	20.4	6.38	126.3	0.15	-7.6	>1,100	478	480	gray
	8-6-15	1445	20.9	6.26	118.5	0.93	-11.4	>1,100	498	500	light gray
	8-7-15	1130	18.9	6.31	153.7	1.36	-4.9	683.2	518	520	gray
	8-7-15	1345	—	Not Enough sample for readings				—	538	540	gray
	8-10-15	1020	—	Not Enough sample for readings				—	558	560	gray
	8-10-15	1210	19.0	7.11	176.0	1.90	95.5	>1,100	578	580	gray
	8-10-15	1415	18.9	7.17	178.5	1.95	90.4	>1,100	598	600	gray
	8-11-15		17.7	7.26	187.6	2.09	62.0	1,100	618	620	gray
very muddy, ~~DUP~~ *	8-12-15	1200	—	No readings				—	638	640	gray

Hydropunch Sample

Client: Navy
Project No: 60606526
Site Location: Bethpage
Weather Conds:

Date :
VPB: 125
Collector(s): MZ

Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
8-12-15	1500	—	not enough sample for readings				—	678	680	very cloudy
8-12-15	1040	—	not enough sample for readings				—	678	780	very cloudy
8-13-15	1340	—	not enough sample for readings				—	718	726	very cloudy
081415	0945	—	not enough sample for readings				—	738	740	very cloudy
081415	1210	16.6	7.51	487	0.66	56.3	>1,100	758	760	~~Muddy Brown/Grey~~
081715	13:10	22.8	7.63	585	Error	65.5	>1100	778	780	Muddy Brown/Grey
081715	15:10	18.9	7.49	713	Error	~~78.5~~ 78.5	>1100	798	800	
081715	1045	19.5	6.26	654	Error	69.6	>1100	818	820	Very Cloudy
081915	1320	—	not enough sample for readings				—	838	840	Very Cloudy
082015	0945	18.1	7.36	478.6	0.16	101.2	903	858	860	Cloudy
082015	1400	21.1	6.56	682	2.11	93.7	>1,100	883	885	cloudy
082115	1445	—	not enough sample for readings				—	923	925	Very cloudy

Section 4

VPB155 Analytical Data Validation

- Analytical Data Sheets
- Chain of Custody Records
- Validation Letter and Table

DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Groups:	SI5661, SI5739, SI5906, and SI5978	
Analyses/Method:	Volatile Organic Compounds by U.S. EPA SW-846 Method 8260C and Standard Method 5310B for Total Organic Carbon by High-Temperature Combustion	
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 9/15/2015
Reviewed by:	Tina Clemmey/Resolution Consultants	File Name: SI5661, SI5739, SI5906, and SI5978_8260C_5310B

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage site on 27 July thru 10 August 2015 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York*. (Resolution Consultants August 2014).

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB155-EB-072815	SI5661-3RA	Equipment Blank	8260C / 5310B
VPB155-FB-072815	SI5661-4	Field Blank	8260C / 5310B
VPB155-GW-072715-58-60	SI5661-1	Groundwater	8260C
VPB155-GW-072815-98-100	SI5661-2	Groundwater	8260C
VPB155-GW-073015-148-150	SI5661-5	Groundwater	8260C
VPB155-GW-073015-198-200	SI5661-6	Groundwater	8260C
VPB155-GW-D-073015	SI5661-8	Field Duplicate	8260C
VPB155-TB-073015	SI5661-7	Trip Blank	8260C
VPB155-EB-080715	SI5978-5	Equipment Blank	8260C / 5310B

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB155-GW-080715-518-520	SI5978-3	Groundwater	8260C
VPB155-GW-080715-538-540	SI5978-4	Groundwater	8260C
VPB155-GW-081015-558-560	SI5978-2	Groundwater	8260C
VPB155-GW-081015-578-580	SI5978-1	Groundwater	8260C
VPB155-GW-081015-598-600	SI5978-6	Groundwater	8260C
VPB155-TB-081015	SI5978-7	Trip Blank	8260C
VPB155-GW-080415-338-340	SI5906-1	Groundwater	8260C
VPB155-GW-080415-358-360	SI5906-2	Groundwater	8260C
VPB155-GW-080415-378-380	SI5906-3DL	Groundwater	8260C
VPB155-GW-080515-398-400	SI5906-5	Groundwater	8260C
VPB155-GW-080515-418-420	SI5906-6DL	Groundwater	8260C
VPB155-GW-080515-438-440	SI5906-7	Groundwater	8260C
VPB155-GW-080615-458-460	SI5906-8	Groundwater	8260C
VPB155-GW-080615-478-480	SI5906-9	Groundwater	8260C
VPB155-GW-080615-498-500	SI5906-11	Groundwater	8260C
VPB155-GW-D-080615	SI5906-10	Field Duplicate	8260C
VPB155-TB080615	SI5906-4	Trip Blank	8260C
VPB155-GW-073115-218-220	SI5739-1	Groundwater	8260C
VPB155-GW-073115-238-240	SI5739-2	Groundwater	8260C
VPB155-GW-073115-258-260	SI5739-3	Groundwater	8260C
VPB155-GW-080315-278-280	SI5739-4	Groundwater	8260C
VPB155-GW-080315-298-300	SI5739-5	Groundwater	8260C
VPB155-GW-080315-318-320	SI5739-6	Groundwater	8260C
VPB155-TB080315	SI5739-7	Trip Blank	8260C

Data validation activities were conducted using the following guidance documents: *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 8260C, Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry* (U.S. EPA, 2006), *Method SM5310B, Total Organic Carbon by High-Temperature Combustion, U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (NFG, June 2008), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (NFG, January 2010, and Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

✗	Data completeness (chain-of-custody)/sample integrity
✓	Holding times and sample preservation
✓	Gas chromatography/Mass spectrometer performance checks
✗	Initial calibration/continuing calibration verification
✗	Laboratory blanks/equipment blanks/field blanks/trip blanks
✓	Surrogate spike recoveries
✗	Matrix spike and/or matrix spike duplicate results
✗	Laboratory control sample laboratory control sample duplicate results
✓	Field duplicates
✓	Internal standards
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

RESULTS

Data Completeness/Sample Integrity

The data package was reviewed and found to meet acceptance criteria for completeness:

- the chain of custodies (COCs) were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody;
- the laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory;
- completeness of analyses was verified by comparing the reported results to the COC request.

Below shows a list of samples that were mostly comprised of soil in all vials and not very much liquid:

- Samples SI5661-1, 2, 5, 6, and 8 contained soils at the bottom of each vial. One vial from each sample was decanted and analyzed. All detects were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.
- Samples SI5739-1, 2, 3, 5, and 6 contained soils at the bottom of each vial. One vial from each sample was decanted and analyzed. Sample SI5739-4 contained soil at the bottom of vials. Two vials from this sample was decanted, composited into one vial and analyzed. All detects from samples were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.
- Samples SI5906-1, 2, 5, 8, 9, 10, and 11 contained soils at the bottom of each vial. One vial from each sample was decanted and analyzed. Sample SI5906-7 contained soils at the bottom of each vial. Two vials from this sample was decanted, composited into one vial and analyzed. Samples SI5906-3 and 6 contained soils at the bottom of each vial. All three vials from each sample was decanted, composited into one vial for each sample and analyzed at a dilution of 1:4. All detects were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.
- Samples SI5978-1, 2, 3, 4, and 6 contained soils at the bottom of the vials. One vial for each sample was decanted and analyzed. All detects were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.

Sample integrity non-conformances are summarized in Attachment A in Table A-1.

Initial Calibration/Continuing Calibration Verification

Calibration data were reviewed for conformance with the QC acceptance criteria to ensure that:

- the initial calibration percent relative standard deviation, correlation coefficient/coefficient of determination, and/or response factor method acceptance criteria were met;
- the initial calibration verification (ICV) standard percent recovery acceptance criteria were met;
- the continuing calibration verification (CCV) standard method percent difference or percent drift (%Ds) and response factor acceptance criteria were met; and
- the retention time method acceptance criteria were met.

Data qualification to the analytes associated with the specific ICV was as follows:

ICV Recovery Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
Recovery >120%	J	UJ
Recovery < 80%	J	UJ

Notes:
J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific CCV was as follows:

CCV Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%Difference or %Drift > 20%	J	UJ

Notes:
J = Estimated
UJ = Undetected and estimated

ICV and CCV non-conformances are summarized in Attachment A in Table's A-2 and A-3.

Laboratory Blanks/Equipment Blanks/ Field Blanks/Trip Blanks

Laboratory blanks, equipment blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-conformance Charts:

For common lab contaminants (methylene chloride, acetone, 2-butanone):			
Blank type	**Blank result**	**Sample result**	**Action for samples**
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	≤ 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and ≤ 4x the LOQ	Report the sample result with a U**
		≥ 4x the LOQ	No qualifications
	> 2x LOQ	< LOD	Report sample LOD value with a U**
		≥ LOD and < 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U.** If the result is > 2x blank result, no qualification is required.**
****Based on Resolution Consultants professional judgment**			

For all other compounds:			
Blank type	**Blank result**	**Sample result**	**Action for samples**
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	< 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	> 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U. If the result is > 2x blank result, no qualification is required.
	= 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	Gross contamination	Detects	Qualify results as unusable R

Notes:

LOQ	=	Limit of quantitation
LOD	=	Limit of detection
U	=	Undetected
R	=	Rejected

Lab blank and field blank non-conformances are summarized in Attachment A in Table's A-4 and A-5.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results

MS/MSDs are generated to provide information about the effect of each sample matrix on the sample preparation and the measurement methodology. MS/MSD percent recoveries (%Rs) assess the effect of the sample matrix on the accuracy of the analytical results and %Rs above the laboratory control

limit could indicate a potential high result bias while %Rs below QC limits could indicate a potential low result bias. The relative percent differences (RPDs) between the MS and MSD results are evaluated to assess sample precision. The MS/MSD %Rs and RPDs were reviewed for conformance with the QC acceptance criteria. Data qualification to the analytes associated with the specific MS/MSD non-conformances were as follows:

MS/MSD Non-conformances Chart:

Criteria	Action	
	Detected Compounds	Non-detected Compounds
%R>Upper Limit	J	No qualification
20% ≤ %R < Lower Limit	J	UJ
%R <20%	J	Rejected

Notes:

%R	=	Percent recovery
RPD	=	Relative percent difference
J	=	Estimated
UJ	=	Undetected and estimated

MS/MSD non-conformances are summarized in Attachment A in Table's A-6 and A-7.

Laboratory Control Samples / Laboratory Control Sample Duplicate

LCS %Rs is used to monitor the overall accuracy and performance of each step during analysis, including sample preparation. The laboratory analyzed LCSs in duplicate when matrix spike/matrix spike duplicates were not reported. In these instances, the laboratory determined precision between the duplicated values. Data qualification to the analytes associated with the specific LCS/LCS duplicate was as follows:

Laboratory Control Sample / Laboratory Control Sample Duplicate Non-conformance Chart:

Criteria	Action	
	Detected	Non-detected
% R or RPD > UL	J	No qualification
%R < LL	J	UJ
%R < 20%	J	Rejected

Notes:

%R	=	Percent recovery
RPD	=	Relative percent difference
UL	=	Upper limit
LL	=	Lower limit
J	=	Estimated
UJ	=	Undetected and estimated

LCS non-conformances are summarized in Attachment A in Table A-8.

Qualifications Actions

The data was reviewed independently from the laboratory to assess data quality. All compounds detected at concentrations less than the limit of quantitation but greater than the method detection limit were qualified by the laboratory as estimated (J). This "J" qualifier was retained during data validation. Any sample that was analyzed at a dilution because of high concentrations of target or non-target analytes was checked to confirm that the results and/or sample-specific limit of quantitation and limit of detections were adjusted accordingly by the laboratory.

No results were rejected; therefore, analytical completeness was calculated to be 100 percent. Data not qualified during data review are considered usable by the project. The remaining results qualified as estimated may be high or low, but the data are usable for their intended purpose, according to U.S. EPA and Department of Defense guidelines. Final data review qualifiers used to describe results and how they should be interpreted by the end data user are provided in Attachment B and Attachment C. Attachment D provides final results after data review.

ATTACHMENTS

Attachment A: Non-Conformance Summary Tables
Attachment B: Qualifier Codes and Explanations
Attachment C: Reason Codes and Explanations
Attachment D: Final Results after Data Review

Attachment A
Non-Conformance Summary Table

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-072715-58-60	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-072715-58-60	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-072715-58-60	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-072715-58-60	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-072715-58-60	ACETONE	UG_L	19	J
8260C	VPB155-GW-072715-58-60	BENZENE	UG_L	0.5	J
8260C	VPB155-GW-072715-58-60	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-072715-58-60	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-072715-58-60	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	TOLUENE	UG_L	0.78	J
8260C	VPB155-GW-072715-58-60	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-072715-58-60	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072715-58-60	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-072715-58-60	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-072815-98-100	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-072815-98-100	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	2-BUTANONE	UG_L	2.1	J
8260C	VPB155-GW-072815-98-100	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-072815-98-100	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-072815-98-100	ACETONE	UG_L	6.9	J
8260C	VPB155-GW-072815-98-100	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-072815-98-100	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-072815-98-100	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	TOLUENE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-072815-98-100	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-072815-98-100	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-072815-98-100	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-073015-148-150	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,1-DICHLOROETHANE	UG_L	2.2	J
8260C	VPB155-GW-073015-148-150	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-073015-148-150	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	2-BUTANONE	UG_L	5	J
8260C	VPB155-GW-073015-148-150	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073015-148-150	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073015-148-150	ACETONE	UG_L	23	J
8260C	VPB155-GW-073015-148-150	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-073015-148-150	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-073015-148-150	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	STYRENE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-073015-148-150	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-148-150	TRICHLOROETHENE	UG_L	1.7	J
8260C	VPB155-GW-073015-148-150	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-073015-148-150	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-073015-198-200	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-073015-198-200	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073015-198-200	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073015-198-200	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073015-198-200	ACETONE	UG_L	3.4	J
8260C	VPB155-GW-073015-198-200	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-073015-198-200	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	METHYLENE CHLORIDE	UG_L	2.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-073015-198-200	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	TETRACHLOROETHENE	UG_L	1	J
8260C	VPB155-GW-073015-198-200	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073015-198-200	TRICHLOROETHENE	UG_L	2	J
8260C	VPB155-GW-073015-198-200	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-073015-198-200	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-D-073015	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-D-073015	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-D-073015	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-073015	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-073015	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-073015	ACETONE	UG_L	3.6	J
8260C	VPB155-GW-D-073015	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-D-073015	METHYL CYCLOHEXANE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-D-073015	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-D-073015	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	TETRACHLOROETHENE	UG_L	1	J
8260C	VPB155-GW-D-073015	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-073015	TRICHLOROETHENE	UG_L	1.9	J
8260C	VPB155-GW-D-073015	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-D-073015	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-073115-218-220	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-073115-218-220	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-218-220	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-218-220	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-218-220	ACETONE	UG_L	6.8	J
8260C	VPB155-GW-073115-218-220	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	CHLOROFORM	UG_L	0.39	J
8260C	VPB155-GW-073115-218-220	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	M- AND P-XYLENE	UG_L	1	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-073115-218-220	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-073115-218-220	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-218-220	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	TETRACHLOROETHENE	UG_L	1.6	J
8260C	VPB155-GW-073115-218-220	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-218-220	TRICHLOROETHENE	UG_L	16	J
8260C	VPB155-GW-073115-218-220	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-073115-218-220	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-073115-238-240	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	1	J
8260C	VPB155-GW-073115-238-240	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,1-DICHLOROETHENE	UG_L	0.43	J
8260C	VPB155-GW-073115-238-240	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-073115-238-240	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,2-DICHLOROETHENE, TOTAL	UG_L	0.37	J
8260C	VPB155-GW-073115-238-240	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-238-240	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-238-240	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-238-240	ACETONE	UG_L	2.4	J
8260C	VPB155-GW-073115-238-240	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	CHLOROFORM	UG_L	0.41	J
8260C	VPB155-GW-073115-238-240	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	CIS-1,2-DICHLOROETHENE	UG_L	0.37	J
8260C	VPB155-GW-073115-238-240	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	ETHYLBENZENE	UG_L	0.5	UJ

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Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-073115-238-240	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-073115-238-240	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-238-240	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	TETRACHLOROETHENE	UG_L	1.7	J
8260C	VPB155-GW-073115-238-240	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-238-240	TRICHLOROETHENE	UG_L	38	J
8260C	VPB155-GW-073115-238-240	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-073115-238-240	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-073115-258-260	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-073115-258-260	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-258-260	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-258-260	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-258-260	ACETONE	UG_L	2.4	J
8260C	VPB155-GW-073115-258-260	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-073115-258-260	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-073115-258-260	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-073115-258-260	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-073115-258-260	TRICHLOROETHENE	UG_L	0.42	J
8260C	VPB155-GW-073115-258-260	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-073115-258-260	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080315-278-280	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080315-278-280	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	2-BUTANONE	UG_L	1.9	J
8260C	VPB155-GW-080315-278-280	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-278-280	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-278-280	ACETONE	UG_L	12	J
8260C	VPB155-GW-080315-278-280	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080315-278-280	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080315-278-280	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-278-280	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-278-280	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080315-278-280	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080315-298-300	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080315-298-300	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-298-300	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-298-300	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-298-300	ACETONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-298-300	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	CHLOROMETHANE	UG_L	1	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080315-298-300	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080315-298-300	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-298-300	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-298-300	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080315-298-300	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080315-318-320	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080315-318-320	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080315-318-320	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-318-320	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-318-320	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-318-320	ACETONE	UG_L	2.7	J
8260C	VPB155-GW-080315-318-320	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-318-320	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	CHLOROETHANE	UG_L	1	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-080315-318-320	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-318-320	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	DICHLORODIFLUOROMETHANE	UG_L	0.62	J
8260C	VPB155-GW-080315-318-320	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080315-318-320	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080315-318-320	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080315-318-320	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080315-318-320	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080315-318-320	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080315-318-320	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080415-338-340	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080415-338-340	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-338-340	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-338-340	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-338-340	ACETONE	UG_L	5.8	J
8260C	VPB155-GW-080415-338-340	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	CARBON DISULFIDE	UG_L	0.98	J
8260C	VPB155-GW-080415-338-340	CARBON TETRACHLORIDE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080415-338-340	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080415-338-340	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-338-340	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-338-340	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080415-338-340	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080415-358-360	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080415-358-360	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080415-358-360	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-358-360	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-358-360	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-358-360	ACETONE	UG_L	3.2	J
8260C	VPB155-GW-080415-358-360	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	BROMOMETHANE	UG_L	1	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080415-358-360	CARBON DISULFIDE	UG_L	0.71	J
8260C	VPB155-GW-080415-358-360	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-358-360	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-358-360	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	DICHLORODIFLUOROMETHANE	UG_L	0.64	J
8260C	VPB155-GW-080415-358-360	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080415-358-360	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080415-358-360	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080415-358-360	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080415-358-360	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080415-358-360	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080415-358-360	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080415-378-380	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-GW-080415-378-380	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-GW-080415-378-380	2-HEXANONE	UG_L	10	UJ
8260C	VPB155-GW-080415-378-380	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-GW-080415-378-380	ACETONE	UG_L	10	J
8260C	VPB155-GW-080415-378-380	BENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	BROMODICHLOROMETHANE	UG_L	2	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080415-378-380	BROMOFORM	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	CHLOROETHANE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	DIBROMOCHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-GW-080415-378-380	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	METHYLENE CHLORIDE	UG_L	10	UJ
8260C	VPB155-GW-080415-378-380	O-XYLENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	STYRENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	TOLUENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080415-378-380	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-GW-080415-378-380	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-GW-080515-398-400	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080515-398-400	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	2-BUTANONE	UG_L	1.4	J
8260C	VPB155-GW-080515-398-400	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-398-400	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-398-400	ACETONE	UG_L	7.6	J

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080515-398-400	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080515-398-400	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-398-400	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-398-400	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080515-398-400	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080515-418-420	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-GW-080515-418-420	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-GW-080515-418-420	2-HEXANONE	UG_L	10	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080515-418-420	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-GW-080515-418-420	ACETONE	UG_L	10	UJ
8260C	VPB155-GW-080515-418-420	BENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	BROMODICHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	BROMOFORM	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	CHLOROETHANE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	DIBROMOCHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-GW-080515-418-420	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	METHYLENE CHLORIDE	UG_L	10	UJ
8260C	VPB155-GW-080515-418-420	O-XYLENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	STYRENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	TOLUENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-080515-418-420	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-GW-080515-418-420	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-GW-080515-438-440	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080515-438-440	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	1,4-DICHLOROBENZENE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080515-438-440	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-438-440	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-438-440	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-438-440	ACETONE	UG_L	3	J
8260C	VPB155-GW-080515-438-440	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080515-438-440	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080515-438-440	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080515-438-440	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080515-438-440	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080615-458-460	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080615-458-460	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	1,2-DICHLOROPROPANE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080615-458-460	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-458-460	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-458-460	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-458-460	ACETONE	UG_L	4.9	J
8260C	VPB155-GW-080615-458-460	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	CARBON DISULFIDE	UG_L	0.32	J
8260C	VPB155-GW-080615-458-460	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080615-458-460	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-458-460	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-458-460	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080615-458-460	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080615-478-480	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080615-478-480	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,2-DICHLOROETHANE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-080615-478-480	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-478-480	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-478-480	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-478-480	ACETONE	UG_L	2.4	J
8260C	VPB155-GW-080615-478-480	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	DICHLORODIFLUOROMETHANE	UG_L	0.25	J
8260C	VPB155-GW-080615-478-480	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080615-478-480	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-478-480	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-478-480	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080615-478-480	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080615-498-500	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080615-498-500	1,2-DIBROMOETHANE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080615-498-500	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-498-500	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-498-500	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-498-500	ACETONE	UG_L	2.9	J
8260C	VPB155-GW-080615-498-500	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	DICHLORODIFLUOROMETHANE	UG_L	1.1	J
8260C	VPB155-GW-080615-498-500	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080615-498-500	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080615-498-500	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080615-498-500	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080615-498-500	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-D-080615	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-D-080615	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-D-080615	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-D-080615	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-080615	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-080615	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-080615	ACETONE	UG_L	2.5	UJ
8260C	VPB155-GW-D-080615	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-D-080615	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-D-080615	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-D-080615	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-D-080615	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080715-518-520	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,1-DICHLOROETHANE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-080715-518-520	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080715-518-520	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-518-520	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-518-520	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-518-520	ACETONE	UG_L	5.8	J
8260C	VPB155-GW-080715-518-520	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080715-518-520	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-518-520	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-518-520	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080715-518-520	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-080715-538-540	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-080715-538-540	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-080715-538-540	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-538-540	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-538-540	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-538-540	ACETONE	UG_L	3.9	J
8260C	VPB155-GW-080715-538-540	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	DICHLORODIFLUOROMETHANE	UG_L	0.27	J
8260C	VPB155-GW-080715-538-540	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-080715-538-540	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-080715-538-540	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-080715-538-540	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-080715-538-540	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-081015-558-560	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-081015-558-560	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	4.4	J
8260C	VPB155-GW-081015-558-560	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,1-DICHLOROETHENE	UG_L	1.6	J
8260C	VPB155-GW-081015-558-560	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-081015-558-560	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,2-DICHLOROETHENE, TOTAL	UG_L	0.95	J
8260C	VPB155-GW-081015-558-560	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-558-560	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-558-560	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-558-560	ACETONE	UG_L	14	J
8260C	VPB155-GW-081015-558-560	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-558-560	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-558-560	CHLOROFORM	UG_L	0.5	J
8260C	VPB155-GW-081015-558-560	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-558-560	CIS-1,2-DICHLOROETHENE	UG_L	0.95	J
8260C	VPB155-GW-081015-558-560	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	DICHLORODIFLUOROMETHANE	UG_L	0.9	J
8260C	VPB155-GW-081015-558-560	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-081015-558-560	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-081015-558-560	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-558-560	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-558-560	TRICHLOROETHENE	UG_L	45	J
8260C	VPB155-GW-081015-558-560	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-558-560	VINYL CHLORIDE	UG_L	1	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081015-558-560	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-081015-578-580	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	4.1	J
8260C	VPB155-GW-081015-578-580	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,1-DICHLOROETHENE	UG_L	1.2	J
8260C	VPB155-GW-081015-578-580	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-081015-578-580	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,2-DICHLOROETHENE, TOTAL	UG_L	0.54	J
8260C	VPB155-GW-081015-578-580	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-578-580	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-578-580	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-578-580	ACETONE	UG_L	3.4	J
8260C	VPB155-GW-081015-578-580	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-578-580	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-578-580	CHLOROFORM	UG_L	0.65	J
8260C	VPB155-GW-081015-578-580	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-578-580	CIS-1,2-DICHLOROETHENE	UG_L	0.54	J
8260C	VPB155-GW-081015-578-580	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	DICHLORODIFLUOROMETHANE	UG_L	0.84	J
8260C	VPB155-GW-081015-578-580	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-081015-578-580	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-081015-578-580	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-578-580	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-578-580	TRICHLOROETHENE	UG_L	16	J

Table A-1 Sample Integrity Non-Conformance					
Method	**Sample ID**	**Analyte**	**Units**	**Result**	**Qualifier**
8260C	VPB155-GW-081015-578-580	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-578-580	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-081015-578-580	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-081015-598-600	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-081015-598-600	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-598-600	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-598-600	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-598-600	ACETONE	UG_L	3.7	J
8260C	VPB155-GW-081015-598-600	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-081015-598-600	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-081015-598-600	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081015-598-600	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081015-598-600	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-081015-598-600	XYLENES, TOTAL	UG_L	1.5	UJ

Notes:
ID = Identification
UG_L = Micrograms per liter
UJ = Non-detect estimated value
J = Detected estimated value

Table A-2
Initial Calibration Verification Non-Conformance

SDG	Analyte	ICV	%R	Limit	Associated Samples	Qualifier
SI5661	DICHLORODIFLUOROMETHANE	WG167317-7 P2124A	69.93	80-120	All samples in SDG	UJ
SI5739	DICHLORODIFLUOROMETHANE	WG167317-7 P2124A	69.93	80-120	All samples in SDG	Non-detects: UJ Detects: J
SI5906	DICHLORODIFLUOROMETHANE	WG167317-7 P2124A	69.93	80-120	All samples in SDG	Non-detects: UJ Detects: J
SI5978	DICHLORODIFLUOROMETHANE	WG167317-7 P2124A	69.93	80-120	All samples in SDG	Non-detects: UJ Detects: J

Notes:
SDG = Sample delivery group
ICV = Initial calibration verification
%R = Percent recovery
UJ = Non-detect estimated value
J = Estimated value

Table A-3
Continuing Calibration Verification Non-Conformance

SDG	Lab ID /Calibration ID	Analyte	%D	%D Limit	Associated Samples	Qualifiers
SI5661	WG167860-4 / P2273.D	ACETONE	-23.31149	20	VPB155-EB-072815	UJ
SI5661	WG167860-4 / P2273.D	2-BUTANONE	-20.60224	20	VPB155-EB-072815	UJ
SI5661	WG167860-4 / P2273.D	1,2-DIBROMO-3-CHLOROPROPANE	-21.53397	20	VPB155-EB-072815	UJ
SI5739	WG167936-4 / P2301.D	DICHLORODIFLUOROMETHANE	-36.77789	20	All samples in SDG	Non-detects: UJ Detects: J
SI5739	WG167936-4 / P2301.D	CHLOROMETHANE	-25.85934	20	All samples in SDG	UJ
SI5739	WG167936-4 / P2301.D	ACETONE	-25.41505	20	All samples in SDG	Non-detects: UJ Detects: J
SI5739	WG167936-4 / P2301.D	2-BUTANONE	-24.38602	20	All samples in SDG	Non-detects: UJ Detects: J
SI5739	WG167936-4 / P2301.D	1,1,2,2-TETRACHLOROETHANE	-21.79017	20	All samples in SDG	UJ
SI5739	WG167936-4 / P2301.D	1,2-DIBROMO-3-CHLOROPROPANE	-36.01347	20	All samples in SDG	UJ
SI5739	WG167936-4 / P2301.D	METHYL ACETATE	-20.1563	20	All samples in SDG	UJ
SI5906	WG168237-4 / P2376.D	DICHLORODIFLUOROMETHANE	-36.04738	20	All samples in SDG	Non-detects: UJ Detects: J
SI5906	WG168237-4 / P2376.D	CHLOROMETHANE	-24.17602	20	All samples in SDG	UJ

Notes:
SDG = Sample delivery group
%D = Percent difference
UJ = Non-detect estimated value
J = Detected estimated value

Table A-4
Lab Blank Non-Conformance
(Micrograms per liter)

Blank ID / SDG	Analyte	Blank Result	LOQ	Associated Sample	Qualifier
WG167860-2 / SI5661	METHYLENE CHLORIDE	2.6	5.0	VPB155-EB-072815	U

Notes:
SDG = Sample delivery group
LOQ = Limit of quantitation
U = Detected analyte qualified as non-detect due to sample result being less than 2 times the LOQ.

Table A-5
Field Blank Non-Conformance
(Micrograms per liter)

Blank Identification	Analyte	Blank Result	LOQ	Associated Sample	Qualifier
VPB155-FB-072815	CHLOROFORM	0.36	1.0	VPB155-GW-072815-98-100 VPB155-GW-073015-198-200 VPB155-GW-D-073015	U

Notes:
LOQ = Limit of quantitation
U = Detected analyte qualified as non-detect due to sample result being less than 2 times the LOQ.

Table A-6
Matrix Spike/Matrix Spike Duplicate Non-Conformance

Spiked Sample	Analyte	Sample Result (µg/L)	Spike Added	MS %R	MSD %R	%R Limits	Qualifier
VPB155-GW-072815-98-100	1,4-DICHLOROBENZENE	<0.50	50.0	**72.2**	108	75-125	UJ
VPB155-GW-072815-98-100	CYCLOHEXANE	<0.50	50.0	**64.4**	90	71-133	UJ
VPB155-GW-072815-98-100	XYLENES, TOTAL	<1.5	150	**81.3**	**122**	89-116	UJ
VPB155-GW-072815-98-100	1,2-DICHLOROETHENE, TOTAL	<1.0	100	**82.8**	116	84-121	UJ
VPB155-GW-072815-98-100	1,3-DICHLOROBENZENE	<0.50	50.0	**73.4**	109	75-125	UJ
VPB155-GW-072815-98-100	ISOPROPYLBENZENE	<0.50	50.0	**72.6**	115	75-125	UJ
VPB155-GW-080515-438-440	METHYL TERT-BUTYL ETHER	<0.50	100	**49.6**	88.4	65-125	UJ
VPB155-GW-080515-438-440	1,2-DICHLOROETHENE, TOTAL	<1.0	100	**82**	101	84-121	UJ

Notes:
µg/L = Micrograms per liter
MS/MSD = Matrix spike / matrix spike duplicate
%R = Percent recovery
Bold = Percent recovery less than lower control limit
UJ = Non-detected analyte in associated sample qualified estimated "UJ" because %R is lower than control limit in associated sample.

Table A-7
Relative Percent Difference Non-Conformance

Spiked Sample	Analyte	Sample Result (µg/L)	RPD	RPD Limit	Qualifier
VPB155-GW-072815-98-100	ACETONE	6.9	**35**	30	J
VPB155-GW-072815-98-100	2-BUTANONE	2.1	**37**	30	J

Notes:

µg/L = Micrograms per liter
RPD = Relative percent difference
Bold = Relative percent difference outside control limit
J = Detected analyte in associated sample qualified estimated "J" because RPD is greater than RPD control limit in associated sample.

Table A-8
Laboratory Control Sample Non-Conformance

LCS	Batch	Analyte	%R	Limits	Associated Sample	Qualifier
WG168390-1	WG168390	DICHLORODIFLUOROMETHANE	26.4	30-155	VPB155-EB-080715 VPB155-TB-081015	UJ

Notes:

LCS = Laboratory control sample
%R = Percent recovery
UJ = Non-detected analyte in associated sample qualified estimated "UJ" due to potential low bias.

Attachment B
Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Attachment C
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
bt	Trip blank contamination
c	Calibration issue
d	Reporting limit raised due to chromatographic interference
fd	Field duplicate relative percent difference
h	Holding times
i	Internal standard areas
k	Estimated Maximum Possible Concentration
l	Laboratory control sample
lc	Labeled compound recovery
ld	Laboratory duplicate relative percent difference
lp	Laboratory control sample/laboratory control sample duplicate relative percent difference
m	Matrix spike recovery
mc	Method compliance non-conformance
md	Matrix spike/matrix spike duplicate relative percent difference
nb	Negative laboratory blank contamination
p	Chemical preservation issue
r	Dual column relative percent difference
q	Quantitation issue
s	Surrogate recovery
su	Ion suppression
t	Temperature preservation issue
x	Percent solids
y	Serial dilution results
z	Interference check sample results (metals)

Attachment D
Final Results after Data Review

		Sample Delivery Group		SI5661		
		Lab ID		SI5661-1		
		Sample ID		VPB155-GW-072715-58-60		
		Sample Date		7/27/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	19	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	J	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.78	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5661		
		Lab ID		SI5661-2		
		Sample ID		VPB155-GW-072815-98-100		
		Sample Date		7/28/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	m,mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	m,mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	m,mc
8260C	2-BUTANONE	78-93-3	UG_L	2.1	J	md,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	6.9	J	md,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	bf,mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	m,mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	m,mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	m,mc

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI5661 SI5661-3RA VPB155-EB-072815 7/28/2015 Equipment Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
5310B	TOTAL ORGANIC CARBON	-28	MG_L	0.94	J	
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	bl
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI5661 SI5661-4 VPB155-FB-072815 7/28/2015 Field Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
5310B	TOTAL ORGANIC CARBON	-28	MG_L	0.39	J	
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	U	
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.36	J	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.52	J	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group		SI5661		
		Lab ID		SI5661-7		
		Sample ID		VPB155-TB-073015		
		Sample Date		7/30/2015		
		Sample Type		Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
5310B	TOTAL ORGANIC CARBON	-28	MG_L	NA		
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	U	
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group		SI5661		
		Lab ID		SI5661-5		
		Sample ID		VPB155-GW-073015-148-150		
		Sample Date		7/30/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.2	J	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	5	J	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	23	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	1.7	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5661		
		Lab ID		SI5661-6		
		Sample ID		VPB155-GW-073015-198-200		
		Sample Date		7/30/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.4	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	bf,mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	1	J	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5661		
		Lab ID		SI5661-8		
		Sample ID		VPB155-GW-D-073015		
		Sample Date		7/30/2015		
		Sample Type		Field Duplicate		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.6	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	bf,mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	1	J	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	1.9	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-1		
		Sample ID		VPB155-GW-073115-218-220		
		Sample Date		7/31/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c,mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c,mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	6.8	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.39	J	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c,mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	1.6	J	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	16	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-2		
		Sample ID		VPB155-GW-073115-238-240		
		Sample Date		7/31/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c,mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	1	J	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.43	J	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c,mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	0.37	J	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.4	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.41	J	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.37	J	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c,mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	1.7	J	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	38	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-3		
		Sample ID		VPB155-GW-073115-258-260		
		Sample Date		7/31/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c,mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c,mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.4	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c,mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.42	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-4		
		Sample ID		VPB155-GW-080315-278-280		
		Sample Date		8/3/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c,mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c,mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	1.9	J	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c,mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-5		
		Sample ID		VPB155-GW-080315-298-300		
		Sample Date		8/3/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c,mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c,mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c,mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-6		
		Sample ID		VPB155-GW-080315-318-320		
		Sample Date		8/3/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c,mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c,mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.7	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	0.62	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c,mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5739		
		Lab ID		SI5739-7		
		Sample ID		VPB155-TB080315		
		Sample Date		8/3/2015		
		Sample Type		Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	c
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	c
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	1.2	J	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.34	J	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-1		
		Sample ID		VPB155-GW-080415-338-340		
		Sample Date		8/4/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	5.8	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.98	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-10		
		Sample ID		VPB155-GW-D-080615		
		Sample Date		8/6/2015		
		Sample Type		Field Duplicate		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-11		
		Sample ID		VPB155-GW-080615-498-500		
		Sample Date		8/6/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.9	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1.1	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-2		
		Sample ID		VPB155-GW-080415-358-360		
		Sample Date		8/4/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.2	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.71	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	0.64	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-3DL		
		Sample ID		VPB155-GW-080415-378-380		
		Sample Date		8/4/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc
8260C	ACETONE	67-64-1	UG_L	10	J	mc
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-5		
		Sample ID		VPB155-GW-080515-398-400		
		Sample Date		8/5/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	1.4	J	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	7.6	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-6DL		
		Sample ID		VPB155-GW-080515-418-420		
		Sample Date		8/5/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc
8260C	ACETONE	67-64-1	UG_L	10	UJ	mc
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-7		
		Sample ID		VPB155-GW-080515-438-440		
		Sample Date		8/5/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	m,mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	m,mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-8		
		Sample ID		VPB155-GW-080615-458-460		
		Sample Date		8/6/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	4.9	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.32	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-9		
		Sample ID		VPB155-GW-080615-478-480		
		Sample Date		8/6/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.4	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	0.25	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5906		
		Lab ID		SI5906-4		
		Sample ID		VPB155-TB080615		
		Sample Date		8/6/2015		
		Sample Type		Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	U	
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group		SI5978		
		Lab ID		SI5978-1		
		Sample ID		VPB155-GW-081015-578-580		
		Sample Date		8/10/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	4.1	J	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	1.2	J	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	0.54	J	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.4	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.65	J	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.54	J	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	0.84	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	16	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5978		
		Lab ID		SI5978-2		
		Sample ID		VPB155-GW-081015-558-560		
		Sample Date		8/10/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	4.4	J	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	1.6	J	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	0.95	J	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	14	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	J	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.95	J	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	0.9	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	45	J	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5978		
		Lab ID		SI5978-3		
		Sample ID		VPB155-GW-080715-518-520		
		Sample Date		8/7/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	5.8	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5978		
		Lab ID		SI5978-4		
		Sample ID		VPB155-GW-080715-538-540		
		Sample Date		8/7/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.9	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	0.27	J	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5978		
		Lab ID		SI5978-6		
		Sample ID		VPB155-GW-081015-598-600		
		Sample Date		8/10/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.7	J	mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI5978		
		Lab ID		SI5978-5		
		Sample ID		VPB155-EB-080715		
		Sample Date		8/7/2015		
		Sample Type		Equipment Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
5310B	TOTAL ORGANIC CARBON	-28	MG_L	0.22	J	
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	U	
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	l,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	1.3	J	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI5978 SI5978-7 VPB155-TB-081015 8/10/2015 Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
5310B	TOTAL ORGANIC CARBON	-28	MG_L	NA		
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	U	
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	l,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	1.2	J	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
MG_L = Milligrams per liter
Qual = Final qualifier (Refer to Attachment B)
RC = Reason code (Refer to Attachment C)

DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Groups:	SI6133, SI6390, SI6481, and SI6246	
Analyses/Method:	Volatile Organic Compounds by U.S. EPA SW-846 Method 8260C and Total Organic Carbon by U.S. EPA SW-846 Method 9060A Combustion	
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 9/15/2015
Reviewed by:	Tina Clemmey/Resolution Consultants	File Name: SI6133, SI6390, SI6481, and SI6246_8260C__9060A_

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage site on 11 thru 21 August 2015 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York*. (Resolution Consultants August 2014).

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB155-GW-081115-618-620	SI6133-3	Groundwater	8260C
VPB155-GW-081215-658-660	SI6133-5DL	Groundwater	8260C
VPB155-GW-081215-678-680	SI6133-4DL	Groundwater	8260C
VPB155-GW-081315-698-700	SI6133-2DL	Groundwater	8260C
VPB155-GW-081315-718-720	SI6133-1DL	Groundwater	8260C
VPB155-GW-082015-858-860	SI6390-4RA	Groundwater	8260C
VPB155-TB081315	SI6133-6	Trip Blank	8260C
VPB155-GW-082015-883-885	SI6390-5RA	Groundwater	8260C
VPB155-TB-081915	SI6390-1RA	Trip Blank	8260C

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB155-GW-082115-923-925	SI6481-1DL	Groundwater	8260C
VPB155-TB-0821-15	SI6481-2	Trip Blank	8260C
VPB155-SOIL-081415-763-765	SI6246-3	Soil	9060A
VPB155-SOIL-DUP-081415	SI6246-4	Field Duplicate	9060A
VPB155-081415-738-740	SI6246-1DL	Groundwater	8260C
VPB155-081415-758-760	SI6246-2DL	Groundwater	8260C
VPB155-081715-778-780	SI6246-6DL	Groundwater	8260C
VPB155-081715-798-800	SI6246-7DL	Groundwater	8260C
VPB155-TB-081415	SI6246-5	Trip Blank	8260C

Data validation activities were conducted using the following guidance documents: *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 8260C, Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry* (U.S. EPA, 2006), *SW-846 Method 9060A, Total Organic Carbon* (U.S. EPA, 1996), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (NFG, June 2008), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (NFG, January 2010, and Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

- ✗ Data completeness (chain-of-custody)/sample integrity
- ✓ Holding times and sample preservation
- ✓ Gas chromatography/Mass spectrometer performance checks
- ✗ Initial calibration/continuing calibration verification
- ✗ Laboratory blanks/equipment blanks/field blanks/trip blanks
- ✗ Surrogate spike recoveries
- ✓ Matrix spike and/or matrix spike duplicate results
- ✓ Laboratory control sample laboratory control sample duplicate results
- ✓ Field duplicates
- ✓ Internal standards
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

RESULTS

Data Completeness/Sample Integrity

The data package was reviewed and found to meet acceptance criteria for completeness:

- the chain of custodies (COCs) were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody;
- the laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory;
- completeness of analyses was verified by comparing the reported results to the COC request.

Below shows a list of samples that were mostly comprised of soil in all vials and not very much liquid:

- Sample SI6133-3 contained soils at the bottom of each vial. Two vials from each sample was decanted, composited into one vial and analyzed. The remaining vial from sample SI6133-3 was also decanted and used for the reanlyis sample SI6133-3RA. Samples SI6133-1, 2, 4, and 5 contained soils at the bottom of each vial. All vials for each sample were decanted, composited into one vial for each sample, and analyzed at dilutions of 1:4 or 1:40. All detects were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.
- Samples SI6390-4 and 5 contained soils at the bottom of each vial. All vials from each sample was decanted and analyzed. All detects from samples were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.
- Sample SI6481-1contained soils at the bottom of each vial. All vials were decanted, composited into one vial and analyzed at a dilution of 1:4. All detects were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.
- Samples SI6246-1, 2, 6, and 7 contained soils at the bottom of the vials. All vials for each sample were decanted, composited into one vial for each sample, and analyzed at a dilution

of 1:4, 1:8, or 1:20. All detects were qualified estimated "J" and non-detects were qualified estimated "UJ" for loss of sample integrity.

Sample integrity non-conformances are summarized in Attachment A in Table A-1.

Initial Calibration/Continuing Calibration Verification

Calibration data were reviewed for conformance with the QC acceptance criteria to ensure that:

- the initial calibration percent relative standard deviation, correlation coefficient/coefficient of determination, and/or response factor method acceptance criteria were met;
- the initial calibration verification (ICV) standard percent recovery acceptance criteria were met;
- the continuing calibration verification (CCV) standard method percent difference or percent drift (%Ds) and response factor acceptance criteria were met; and
- the retention time method acceptance criteria were met.

Data qualification to the analytes associated with the specific initial calibration (ICAL) was as

ICAL Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%RSD >15% and quantitation based on mean response factor	J	UJ

Notes:
%RSD = Relative standard deviation
J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific ICV was as follows:

ICV Recovery Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
Recovery >120%	J	UJ
Recovery < 80%	J	UJ

Notes:
J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific CCV was as follows:

CCV Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%Difference or %Drift > 20%	J	UJ

Notes:
J = Estimated
UJ = Undetected and estimated

ICAL, ICV and CCV non-conformances are summarized in Attachment A in Table's A-2, A-3, and A-4.

Laboratory Blanks/Equipment Blanks/ Field Blanks/Trip Blanks

Laboratory blanks, equipment blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-conformance Charts:

For common lab contaminants (methylene chloride, acetone, 2-butanone):			
Blank type	**Blank result**	**Sample result**	**Action for samples**
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	≤ 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and ≤ 4x the LOQ	Report the sample result with a U**
		≥ 4x the LOQ	No qualifications
	> 2x LOQ	< LOD	Report sample LOD value with a U**
		≥ LOD and < 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U.** If the result is > 2x blank result, no qualification is required.**
****Based on Resolution Consultants professional judgment**			

For all other compounds:			
Blank type	Blank result	Sample result	Action for samples
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	< 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	> 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤2x blank result, report the sample result U. If the result is > 2x blank result, no qualification is required.
	= 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	Gross contamination	Detects	Qualify results as unusable R

Notes:
LOQ = Limit of quantitation
LOD = Limit of detection
U = Undetected
R = Rejected

Lab blank and trip blank non-conformances are summarized in Attachment A in Table's A-5, and A-6

Surrogate Spike Recoveries

Surrogates provide information needed to assess the accuracy of analyses. Known amounts of surrogate compounds, or compounds which are not likely to be found in the actual samples, are added to each organic sample to check for accuracy. If surrogate percent recoveries (%Rs) are close to the known concentrations, the reported target compound concentrations are assumed to be accurate. Data qualification on the basis of surrogate recovery was as follows:

Surrogate Recovery Non-conformance Chart:

Criteria	Action	
	Detected	Non-detected
% R > Upper Limit	J	No qualification
20% ≤ %R < Lower Limit	J	UJ
% R < 20%	J	Rejected

Notes:
%R = Percent recovery
J = Estimated
UJ = Undetected and estimated

Surrogate recovery non-conformance is summarized in Attachment A in Table A-7.

Qualifications Actions

The data was reviewed independently from the laboratory to assess data quality. All compounds detected at concentrations less than the limit of quantitation but greater than the method detection limit were qualified by the laboratory as estimated (J). This "J" qualifier was retained during data validation. Any sample that was analyzed at a dilution because of high concentrations of target or non-target analytes was checked to confirm that the results and/or sample-specific limit of quantitation and limit of detections were adjusted accordingly by the laboratory.

No results were rejected; therefore, analytical completeness was calculated to be 100 percent. Data not qualified during data review are considered usable by the project. The remaining results qualified as estimated may be high or low, but the data are usable for their intended purpose, according to U.S. EPA and Department of Defense guidelines. Final data review qualifiers used to describe results and how they should be interpreted by the end data user are provided in Attachment B and Attachment C. Attachment D provides final results after data review.

ATTACHMENTS

Attachment A: Non-Conformance Summary Tables
Attachment B: Qualifier Codes and Explanations
Attachment C: Reason Codes and Explanations
Attachment D: Final Results after Data Review

Attachment A
Non-Conformance Summary Table

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081315-718-720	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-GW-081315-718-720	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-GW-081315-718-720	2-HEXANONE	UG_L	10	UJ
8260C	VPB155-GW-081315-718-720	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-GW-081315-718-720	ACETONE	UG_L	28	J
8260C	VPB155-GW-081315-718-720	BENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	BROMODICHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	BROMOFORM	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	CHLOROETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	DIBROMOCHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-GW-081315-718-720	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	METHYLENE CHLORIDE	UG_L	10	UJ
8260C	VPB155-GW-081315-718-720	O-XYLENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	STYRENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	TOLUENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081315-718-720	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-718-720	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-GW-081315-718-720	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-GW-081315-698-700	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-GW-081315-698-700	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-GW-081315-698-700	2-HEXANONE	UG_L	10	UJ
8260C	VPB155-GW-081315-698-700	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-GW-081315-698-700	ACETONE	UG_L	16	J
8260C	VPB155-GW-081315-698-700	BENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	BROMODICHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	BROMOFORM	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	CHLOROETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	DIBROMOCHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-GW-081315-698-700	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	METHYLENE CHLORIDE	UG_L	10	UJ
8260C	VPB155-GW-081315-698-700	O-XYLENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	STYRENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	TOLUENE	UG_L	2	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081315-698-700	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081315-698-700	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-GW-081315-698-700	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-GW-081115-618-620	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-081115-618-620	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	2-BUTANONE	UG_L	2.1	J
8260C	VPB155-GW-081115-618-620	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081115-618-620	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-081115-618-620	ACETONE	UG_L	11	J
8260C	VPB155-GW-081115-618-620	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	CARBON DISULFIDE	UG_L	0.4	J
8260C	VPB155-GW-081115-618-620	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	CHLOROMETHANE	UG_L	0.94	J
8260C	VPB155-GW-081115-618-620	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-081115-618-620	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-081115-618-620	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	STYRENE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081115-618-620	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-081115-618-620	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-081115-618-620	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-081215-678-680	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-GW-081215-678-680	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-GW-081215-678-680	2-HEXANONE	UG_L	10	UJ
8260C	VPB155-GW-081215-678-680	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-GW-081215-678-680	ACETONE	UG_L	19	J
8260C	VPB155-GW-081215-678-680	BENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	BROMODICHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	BROMOFORM	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	CHLOROETHANE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	DIBROMOCHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-GW-081215-678-680	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	METHYLENE CHLORIDE	UG_L	10	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081215-678-680	O-XYLENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	STYRENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	TOLUENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-081215-678-680	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-GW-081215-678-680	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-GW-081215-658-660	1,1,1-TRICHLOROETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,1,2,2-TETRACHLOROETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,1,2-TRICHLOROETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,1-DICHLOROETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,1-DICHLOROETHENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,2,4-TRICHLOROBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	30	UJ
8260C	VPB155-GW-081215-658-660	1,2-DIBROMOETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,2-DICHLOROBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,2-DICHLOROETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,2-DICHLOROETHENE, TOTAL	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	1,2-DICHLOROPROPANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,3-DICHLOROBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	1,4-DICHLOROBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	2-BUTANONE	UG_L	100	UJ
8260C	VPB155-GW-081215-658-660	2-HEXANONE	UG_L	100	UJ
8260C	VPB155-GW-081215-658-660	4-METHYL-2-PENTANONE	UG_L	100	UJ
8260C	VPB155-GW-081215-658-660	ACETONE	UG_L	100	UJ
8260C	VPB155-GW-081215-658-660	BENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	BROMODICHLOROMETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	BROMOFORM	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	BROMOMETHANE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	CARBON DISULFIDE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	CARBON TETRACHLORIDE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	CHLOROBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	CHLOROETHANE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	CHLOROFORM	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	CHLOROMETHANE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	CIS-1,2-DICHLOROETHENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	CIS-1,3-DICHLOROPROPENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	CYCLOHEXANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	DIBROMOCHLOROMETHANE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	DICHLORODIFLUOROMETHANE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	ETHYLBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	ISOPROPYLBENZENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	M- AND P-XYLENE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	METHYL ACETATE	UG_L	30	UJ
8260C	VPB155-GW-081215-658-660	METHYL CYCLOHEXANE	UG_L	20	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-081215-658-660	METHYL TERT-BUTYL ETHER	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	METHYLENE CHLORIDE	UG_L	100	UJ
8260C	VPB155-GW-081215-658-660	O-XYLENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	STYRENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	TETRACHLOROETHENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	TOLUENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	TRANS-1,2-DICHLOROETHENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	TRANS-1,3-DICHLOROPROPENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	TRICHLOROETHENE	UG_L	20	UJ
8260C	VPB155-GW-081215-658-660	TRICHLOROFLUOROMETHANE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	VINYL CHLORIDE	UG_L	40	UJ
8260C	VPB155-GW-081215-658-660	XYLENES, TOTAL	UG_L	60	UJ
8260C	VPB155-GW-082015-858-860	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-082015-858-860	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-858-860	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-858-860	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-858-860	ACETONE	UG_L	7.1	J
8260C	VPB155-GW-082015-858-860	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	ETHYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	M- AND P-XYLENE	UG_L	1	UJ

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Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-082015-858-860	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-082015-858-860	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-858-860	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-858-860	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-082015-858-860	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-082015-883-885	1,1,1-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,1,2,2-TETRACHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,1,2-TRICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,1-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,1-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,2,4-TRICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	0.75	UJ
8260C	VPB155-GW-082015-883-885	1,2-DIBROMOETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,2-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,2-DICHLOROETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,2-DICHLOROETHENE, TOTAL	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	1,2-DICHLOROPROPANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,3-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	1,4-DICHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	2-BUTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-883-885	2-HEXANONE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-883-885	4-METHYL-2-PENTANONE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-883-885	ACETONE	UG_L	3.9	J
8260C	VPB155-GW-082015-883-885	BENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	BROMODICHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	BROMOFORM	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	BROMOMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	CARBON DISULFIDE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	CARBON TETRACHLORIDE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	CHLOROBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	CHLOROETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	CHLOROFORM	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	CHLOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	CIS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	CIS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	DIBROMOCHLOROMETHANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	DICHLORODIFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	ETHYLBENZENE	UG_L	0.5	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-082015-883-885	ISOPROPYLBENZENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	M- AND P-XYLENE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	METHYL ACETATE	UG_L	0.75	UJ
8260C	VPB155-GW-082015-883-885	METHYL CYCLOHEXANE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	METHYL TERT-BUTYL ETHER	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	METHYLENE CHLORIDE	UG_L	2.5	UJ
8260C	VPB155-GW-082015-883-885	O-XYLENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	STYRENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	TETRACHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	TOLUENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	TRANS-1,2-DICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	TRANS-1,3-DICHLOROPROPENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	TRICHLOROETHENE	UG_L	0.5	UJ
8260C	VPB155-GW-082015-883-885	TRICHLOROFLUOROMETHANE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	VINYL CHLORIDE	UG_L	1	UJ
8260C	VPB155-GW-082015-883-885	XYLENES, TOTAL	UG_L	1.5	UJ
8260C	VPB155-GW-082115-923-925	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-GW-082115-923-925	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-GW-082115-923-925	2-HEXANONE	UG_L	10	UJ
8260C	VPB155-GW-082115-923-925	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-GW-082115-923-925	ACETONE	UG_L	10	UJ
8260C	VPB155-GW-082115-923-925	BENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	BROMODICHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	BROMOFORM	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	CHLOROETHANE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	DIBROMOCHLOROMETHANE	UG_L	2	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-GW-082115-923-925	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-GW-082115-923-925	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	METHYLENE CHLORIDE	UG_L	10	UJ
8260C	VPB155-GW-082115-923-925	O-XYLENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	STYRENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	TOLUENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-GW-082115-923-925	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-GW-082115-923-925	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-081415-738-740	1,1,1-TRICHLOROETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,1,2,2-TETRACHLOROETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,1,2-TRICHLOROETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,1-DICHLOROETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,1-DICHLOROETHENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,2,4-TRICHLOROBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	15	UJ
8260C	VPB155-081415-738-740	1,2-DIBROMOETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,2-DICHLOROBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,2-DICHLOROETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,2-DICHLOROETHENE, TOTAL	UG_L	20	UJ
8260C	VPB155-081415-738-740	1,2-DICHLOROPROPANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,3-DICHLOROBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	1,4-DICHLOROBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	2-BUTANONE	UG_L	50	UJ
8260C	VPB155-081415-738-740	2-HEXANONE	UG_L	50	UJ
8260C	VPB155-081415-738-740	4-METHYL-2-PENTANONE	UG_L	50	UJ
8260C	VPB155-081415-738-740	ACETONE	UG_L	50	UJ
8260C	VPB155-081415-738-740	BENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	BROMODICHLOROMETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	BROMOFORM	UG_L	10	UJ
8260C	VPB155-081415-738-740	BROMOMETHANE	UG_L	20	UJ
8260C	VPB155-081415-738-740	CARBON DISULFIDE	UG_L	10	UJ
8260C	VPB155-081415-738-740	CARBON TETRACHLORIDE	UG_L	10	UJ
8260C	VPB155-081415-738-740	CHLOROBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	CHLOROETHANE	UG_L	20	UJ
8260C	VPB155-081415-738-740	CHLOROFORM	UG_L	10	UJ
8260C	VPB155-081415-738-740	CHLOROMETHANE	UG_L	20	UJ
8260C	VPB155-081415-738-740	CIS-1,2-DICHLOROETHENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	CIS-1,3-DICHLOROPROPENE	UG_L	10	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-081415-738-740	CYCLOHEXANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	DIBROMOCHLOROMETHANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	DICHLORODIFLUOROMETHANE	UG_L	20	UJ
8260C	VPB155-081415-738-740	ETHYLBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	ISOPROPYLBENZENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	M- AND P-XYLENE	UG_L	20	UJ
8260C	VPB155-081415-738-740	METHYL ACETATE	UG_L	15	UJ
8260C	VPB155-081415-738-740	METHYL CYCLOHEXANE	UG_L	10	UJ
8260C	VPB155-081415-738-740	METHYL TERT-BUTYL ETHER	UG_L	10	UJ
8260C	VPB155-081415-738-740	METHYLENE CHLORIDE	UG_L	50	UJ
8260C	VPB155-081415-738-740	O-XYLENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	STYRENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	TETRACHLOROETHENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	TOLUENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	TRANS-1,2-DICHLOROETHENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	TRANS-1,3-DICHLOROPROPENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	TRICHLOROETHENE	UG_L	10	UJ
8260C	VPB155-081415-738-740	TRICHLOROFLUOROMETHANE	UG_L	20	UJ
8260C	VPB155-081415-738-740	VINYL CHLORIDE	UG_L	20	UJ
8260C	VPB155-081415-738-740	XYLENES, TOTAL	UG_L	30	UJ
8260C	VPB155-081415-758-760	1,1,1-TRICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,1,2,2-TETRACHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,1,2-TRICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,1-DICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,1-DICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,2,4-TRICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	6	UJ
8260C	VPB155-081415-758-760	1,2-DIBROMOETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,2-DICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,2-DICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,2-DICHLOROETHENE, TOTAL	UG_L	8	UJ
8260C	VPB155-081415-758-760	1,2-DICHLOROPROPANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,3-DICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	1,4-DICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	2-BUTANONE	UG_L	20	UJ
8260C	VPB155-081415-758-760	2-HEXANONE	UG_L	20	UJ
8260C	VPB155-081415-758-760	4-METHYL-2-PENTANONE	UG_L	20	UJ
8260C	VPB155-081415-758-760	ACETONE	UG_L	20	UJ
8260C	VPB155-081415-758-760	BENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	BROMODICHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	BROMOFORM	UG_L	4	UJ
8260C	VPB155-081415-758-760	BROMOMETHANE	UG_L	8	UJ
8260C	VPB155-081415-758-760	CARBON DISULFIDE	UG_L	4	UJ
8260C	VPB155-081415-758-760	CARBON TETRACHLORIDE	UG_L	4	UJ
8260C	VPB155-081415-758-760	CHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	CHLOROETHANE	UG_L	8	UJ
8260C	VPB155-081415-758-760	CHLOROFORM	UG_L	4	UJ
8260C	VPB155-081415-758-760	CHLOROMETHANE	UG_L	8	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-081415-758-760	CIS-1,2-DICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	CIS-1,3-DICHLOROPROPENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	CYCLOHEXANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	DIBROMOCHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	DICHLORODIFLUOROMETHANE	UG_L	8	UJ
8260C	VPB155-081415-758-760	ETHYLBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	ISOPROPYLBENZENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	M- AND P-XYLENE	UG_L	8	UJ
8260C	VPB155-081415-758-760	METHYL ACETATE	UG_L	6	UJ
8260C	VPB155-081415-758-760	METHYL CYCLOHEXANE	UG_L	4	UJ
8260C	VPB155-081415-758-760	METHYL TERT-BUTYL ETHER	UG_L	4	UJ
8260C	VPB155-081415-758-760	METHYLENE CHLORIDE	UG_L	20	UJ
8260C	VPB155-081415-758-760	O-XYLENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	STYRENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	TETRACHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	TOLUENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	TRANS-1,2-DICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	TRANS-1,3-DICHLOROPROPENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	TRICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081415-758-760	TRICHLOROFLUOROMETHANE	UG_L	8	UJ
8260C	VPB155-081415-758-760	VINYL CHLORIDE	UG_L	8	UJ
8260C	VPB155-081415-758-760	XYLENES, TOTAL	UG_L	12	UJ
8260C	VPB155-081715-778-780	1,1,1-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,1,2,2-TETRACHLOROETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,1,2-TRICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,1-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,1-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,2,4-TRICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	3	UJ
8260C	VPB155-081715-778-780	1,2-DIBROMOETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,2-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,2-DICHLOROETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,2-DICHLOROETHENE, TOTAL	UG_L	4	UJ
8260C	VPB155-081715-778-780	1,2-DICHLOROPROPANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,3-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	1,4-DICHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	2-BUTANONE	UG_L	10	UJ
8260C	VPB155-081715-778-780	2-HEXANONE	UG_L	10	UJ
8260C	VPB155-081715-778-780	4-METHYL-2-PENTANONE	UG_L	10	UJ
8260C	VPB155-081715-778-780	ACETONE	UG_L	38	J
8260C	VPB155-081715-778-780	BENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	BROMODICHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	BROMOFORM	UG_L	2	UJ
8260C	VPB155-081715-778-780	BROMOMETHANE	UG_L	4	UJ
8260C	VPB155-081715-778-780	CARBON DISULFIDE	UG_L	2	UJ
8260C	VPB155-081715-778-780	CARBON TETRACHLORIDE	UG_L	2	UJ
8260C	VPB155-081715-778-780	CHLOROBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	CHLOROETHANE	UG_L	4	UJ

Table A-1 Sample Integrity Non-Conformance					
Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-081715-778-780	CHLOROFORM	UG_L	2	UJ
8260C	VPB155-081715-778-780	CHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-081715-778-780	CIS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	CIS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	DIBROMOCHLOROMETHANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	DICHLORODIFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-081715-778-780	ETHYLBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	ISOPROPYLBENZENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	M- AND P-XYLENE	UG_L	4	UJ
8260C	VPB155-081715-778-780	METHYL ACETATE	UG_L	3	UJ
8260C	VPB155-081715-778-780	METHYL CYCLOHEXANE	UG_L	2	UJ
8260C	VPB155-081715-778-780	METHYL TERT-BUTYL ETHER	UG_L	2	UJ
8260C	VPB155-081715-778-780	METHYLENE CHLORIDE	UG_L	10	UJ
8260C	VPB155-081715-778-780	O-XYLENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	STYRENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	TETRACHLOROETHENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	TOLUENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	TRANS-1,2-DICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	TRANS-1,3-DICHLOROPROPENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	TRICHLOROETHENE	UG_L	2	UJ
8260C	VPB155-081715-778-780	TRICHLOROFLUOROMETHANE	UG_L	4	UJ
8260C	VPB155-081715-778-780	VINYL CHLORIDE	UG_L	4	UJ
8260C	VPB155-081715-778-780	XYLENES, TOTAL	UG_L	6	UJ
8260C	VPB155-081715-798-800	1,1,1-TRICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,1,2,2-TETRACHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,1,2-TRICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,1-DICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,1-DICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,2,4-TRICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,2-DIBROMO-3-CHLOROPROPANE	UG_L	6	UJ
8260C	VPB155-081715-798-800	1,2-DIBROMOETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,2-DICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,2-DICHLOROETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,2-DICHLOROETHENE, TOTAL	UG_L	8	UJ
8260C	VPB155-081715-798-800	1,2-DICHLOROPROPANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,3-DICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	1,4-DICHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	2-BUTANONE	UG_L	20	UJ
8260C	VPB155-081715-798-800	2-HEXANONE	UG_L	20	UJ
8260C	VPB155-081715-798-800	4-METHYL-2-PENTANONE	UG_L	20	UJ
8260C	VPB155-081715-798-800	ACETONE	UG_L	22	J
8260C	VPB155-081715-798-800	BENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	BROMODICHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	BROMOFORM	UG_L	4	UJ
8260C	VPB155-081715-798-800	BROMOMETHANE	UG_L	8	UJ
8260C	VPB155-081715-798-800	CARBON DISULFIDE	UG_L	4	UJ
8260C	VPB155-081715-798-800	CARBON TETRACHLORIDE	UG_L	4	UJ

Table A-1
Sample Integrity Non-Conformance

Method	Sample ID	Analyte	Units	Result	Qualifier
8260C	VPB155-081715-798-800	CHLOROBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	CHLOROETHANE	UG_L	8	UJ
8260C	VPB155-081715-798-800	CHLOROFORM	UG_L	4	UJ
8260C	VPB155-081715-798-800	CHLOROMETHANE	UG_L	8	UJ
8260C	VPB155-081715-798-800	CIS-1,2-DICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	CIS-1,3-DICHLOROPROPENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	CYCLOHEXANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	DIBROMOCHLOROMETHANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	DICHLORODIFLUOROMETHANE	UG_L	8	UJ
8260C	VPB155-081715-798-800	ETHYLBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	ISOPROPYLBENZENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	M- AND P-XYLENE	UG_L	8	UJ
8260C	VPB155-081715-798-800	METHYL ACETATE	UG_L	6	UJ
8260C	VPB155-081715-798-800	METHYL CYCLOHEXANE	UG_L	4	UJ
8260C	VPB155-081715-798-800	METHYL TERT-BUTYL ETHER	UG_L	4	UJ
8260C	VPB155-081715-798-800	METHYLENE CHLORIDE	UG_L	20	UJ
8260C	VPB155-081715-798-800	O-XYLENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	STYRENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	TETRACHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	TOLUENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	TRANS-1,2-DICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	TRANS-1,3-DICHLOROPROPENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	TRICHLOROETHENE	UG_L	4	UJ
8260C	VPB155-081715-798-800	TRICHLOROFLUOROMETHANE	UG_L	8	UJ
8260C	VPB155-081715-798-800	VINYL CHLORIDE	UG_L	8	UJ
8260C	VPB155-081715-798-800	XYLENES, TOTAL	UG_L	12	UJ

Notes:
ID = Identification
UG_L = Micrograms per liter
UJ = Non-detect estimated value
J = Detected estimated value

Table A-2 Initial Calibration Non-Conformance						
Method	Analyte	ICV ID / Date	%R	Limit	Associated Samples	Qualifier
8260C	CHLOROETHANE	GCMS-C 08/18/2015	29.20537	≤15%	All samples in SDG SI6246	Apply "UJ" to all associated non-detect samples for analyte.
8260C	ACETONE	GCMS-C 08/18/2015	15.88941	≤15%	All samples in SDG SI6246	Apply "UJ" to all associated non-detect samples for analyte. Apply "J" to all associated detect samples for analyte.
8260C	CHLOROETHANE	GCMS-C 08/24/2015	28.76760	≤15%	All samples in SDG SI6481	Apply "UJ" to all associated non-detect samples for analyte.
8260C	ACETONE	GCMS-C 08/24/2015	25.70690	≤15%	All samples in SDG SI6481	Apply "UJ" to all associated non-detect samples for analyte. Apply "J" to all associated detect samples for analyte.
8260C	TOLUENE	GCMS-C 08/24/2015	15.37290	≤15%	All samples in SDG SI6481	Apply "UJ" to all associated non-detect samples for analyte. Apply "J" to all associated detect samples for analyte.

Notes:
ICAL = Initial calibration
%R = Percent recovery
UJ = Non-detect estimated value
J = Estimated value

Table A-3
Initial Calibration Verification Non-Conformance

SDG	Analyte	ICV	%R	Limit	Associated Samples	Qualifier
SI6133	CARBON DISULFIDE	WG168597-7 P2472.D	122.47	80-120	All samples in SDG	Non-detects: UJ Detects: J
SI6390	DICHLORODIFLUOROMETHANE	WG168757-7 W3566A.D	30.41	80-120	All samples in SDG	Non-detects: UJ
SI6390	CHLOROMETHANE	WG168757-7 W3566A.D	79.81	80-120	All samples in SDG	Non-detects: UJ
SI6481	ACETONE	WG169161-7 C4228.D	145.66	80-120	All samples in SDG	Non-detects: UJ Detects: J
SI6481	2-BUTANONE	WG169161-7 C4228.D	170.14	80-120	All samples in SDG	Non-detects: UJ
SI6481	4-METHYL-2-PENTANONE	WG169161-7 C4228.D	180.8	80-120	All samples in SDG	Non-detects: UJ
SI6481	2-HEXANONE	WG169161-7 C4228.D	164.72	80-120	All samples in SDG	Non-detects: UJ
SI6481	1,2,4-TRICHLOROBENZENE	WG169161-7 C4228.D	121.45	80-120	All samples in SDG	Non-detects: UJ
SI6246	DICHLORODIFLUOROMETHANE	WG168761 / C4138A.D	74.24	80-120	All samples in SDG	Non-detects: UJ
SI6246	CHLOROETHANE	WG168761 / C4138A.D	78.31	80-120	All samples in SDG	Non-detects: UJ
SI6246	ACETONE	WG168761 / C4138A.D	147.05	80-120	All samples in SDG	Non-detects: UJ Detects: J
SI6246	2-BUTANONE	WG168761 / C4138A.D	155.4	80-120	All samples in SDG	Non-detects: UJ
SI6246	4-METHYL-2-PENTANONE	WG168761 / C4138A.D	157.16	80-120	All samples in SDG	Non-detects: UJ
SI6246	2-HEXANONE	WG168761 / C4138A.D	158.95	80-120	All samples in SDG	Non-detects: UJ
SI6246	ISOPROPYLBENZENE	WG168761 / C4138A.D	125.15	80-120	All samples in SDG	Non-detects: UJ

Notes:
SDG = Sample delivery group
ICV = Initial calibration verification
%R = Percent recovery
UJ = Non-detect estimated value
J = Estimated value

Table A-4
Continuing Calibration Verification Non-Conformance

SDG	Lab ID /Calibration ID	Analyte	%D	%D Limit	Associated Samples	Qualifiers
SI6390	WG169115-4 / W3647.D	DICHLORODIFLUOROMETHANE	-36.67746	20	All samples in SDG	UJ
SI6390	WG169115-4 / W3647.D	CHLOROMETHANE	-22.41905	20	All samples in SDG	UJ
SI6390	WG169115-4 / W3647.D	ACETONE	-22.3834	20	All samples in SDG	Non-detects: UJ Detects: J
SI6481	WG169170-4 / C4232.D	ACETONE	-20.86125	20	All samples in SDG	Non-detects: UJ Detects: J
SI6246	WG168907-4 / C4184.D	ACETONE	-33.83982	20	All samples in SDG	Non-detects: UJ Detects: J
SI6246	WG168907-4 / C4184.D	2-BUTANONE	-27.45527	20	All samples in SDG	Non-detects: UJ
SI6246	WG168907-4 / C4184.D	METHYL ACETATE	-29.32935	20	All samples in SDG	Non-detects: UJ
SI6246	WG168907-4 / C4184.D	2-HEXANONE	-23.60715	20	All samples in SDG	Non-detects: UJ

Notes:
SDG = Sample delivery group
%D = Percent difference
UJ = Non-detect estimated value
J = Estimated value

Table A-5
Lab Blank Non-Conformance
(Micrograms per liter)

Blank ID	Analyte	Blank Result	LOQ	Detected Associated Sample	Qualifier
WG169115-2	METHYLENE CHLORIDE	1.6	5.0	VPB155-GW-082015-858-860	U
WG169170-2	CARBON DISULFIDE	0.45	1.0	VPB155-GW-082115-923-925 VPB155-TB-0821-15	U

Notes:
LOQ = Limit of quantitation
U = Detected analyte qualified as non-detect due to sample result being less than 2 times the LOQ.

Table A-6
Trip Blank Non-Conformance
(Micrograms per liter)

Blank Identification	Analyte	Blank Result	LOQ	Associated Sample	Qualifier
VPB155-TB-0821-15	ACETONE	6.9	5.0	VPB155-GW-082115-923-925	U

Notes:
LOQ = Limit of quantitation
U = Detected analyte qualified as non-detect due to sample result being less than 2 times the LOQ.

Table A-7 Surrogate Non-Conformance					
Method	Analyte	%R	Limits	Associated Sample	Qualifier
8260C	1,2-DICHLOROETHANE-D4	121	70-120	VPB155-GW-081115-618-620	Chloromethane: J Carbon Disulfide: J Acetone: J 2-Butanone: J
8260C	DIBROMOFLUOROMETHANE	122	85-115	VPB155-GW-081115-618-620	Chloromethane: J Carbon Disulfide: J Acetone: J 2-Butanone: J
8260C	DIBROMOFLUOROMETHANE	123	85-115	VPB155-GW-081115-618-620	Chloromethane: J Acetone: J 2-Butanone: J
8260C	1,2-DICHLOROETHANE-D4	125	70-120	VPB155-GW-081215-678-680	Acetone: J
8260C	DIBROMOFLUOROMETHANE	128	85-115	VPB155-GW-081215-678-680	Acetone: J
8260C	1,2-DICHLOROETHANE-D4	125	70-120	VPB155-GW-081315-698-700	Acetone: J
8260C	DIBROMOFLUOROMETHANE	128	85-115	VPB155-GW-081315-698-700	Acetone: J
8260C	TOLUENE-D8	121	85-120	VPB155-GW-081315-698-700	Acetone: J
8260C	1,2-DICHLOROETHANE-D4	158	70-120	VPB155-GW-082015-858-860	Acetone: J
8260C	DIBROMOFLUOROMETHANE	161	85-115	VPB155-GW-082015-858-860	Acetone: J
8260C	TOLUENE-D8	165	85-120	VPB155-GW-082015-858-860	Acetone: J
8260C	4-BROMOFLUOROBENZENE	136	75-120	VPB155-GW-082015-858-860	Acetone: J
8260C	1,2-DICHLOROETHANE-D4	124	70-120	VPB155-081715-778-780	Acetone: J
8260C	1,2-DICHLOROETHANE-D4	124	70-120	VPB155-081715-798-800	Acetone: J

Notes:
%R = Percent recovery
J = Detected analyte qualified estimated "J" because %R is greater than the upper control limit in associated sample

Attachment B
Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Attachment C
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
bt	Trip blank contamination
c	Calibration issue
d	Reporting limit raised due to chromatographic interference
fd	Field duplicate relative percent difference
h	Holding times
i	Internal standard areas
k	Estimated Maximum Possible Concentration
l	Laboratory control sample
lc	Labeled compound recovery
ld	Laboratory duplicate relative percent difference
lp	Laboratory control sample/laboratory control sample duplicate relative percent difference
m	Matrix spike recovery
mc	Method compliance non-conformance
md	Matrix spike/matrix spike duplicate relative percent difference
nb	Negative laboratory blank contamination
p	Chemical preservation issue
r	Dual column relative percent difference
q	Quantitation issue
s	Surrogate recovery
su	Ion suppression
t	Temperature preservation issue
x	Percent solids
y	Serial dilution results
z	Interference check sample results (metals)

Attachment D
Final Results after Data Review

		Sample Delivery Group		SI6133		
		Lab ID		SI6133-1DL		
		Sample ID		VPB155-GW-081315-718-720		
		Sample Date		8/13/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc
8260C	ACETONE	67-64-1	UG_L	28	J	mc
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	c,mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group		SI6133		
		Lab ID		SI6133-2DL		
		Sample ID		VPB155-GW-081315-698-700		
		Sample Date		8/13/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc
8260C	ACETONE	67-64-1	UG_L	16	J	s,mc
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	c,mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group		SI6133		
		Lab ID		SI6133-3		
		Sample ID		VPB155-GW-081115-618-620		
		Sample Date		8/11/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.1	J	s,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	11	J	s,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.4	J	s,c,mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	0.94	J	s,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI6133		
		Lab ID		SI6133-4DL		
		Sample ID		VPB155-GW-081215-678-680		
		Sample Date		8/12/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc
8260C	ACETONE	67-64-1	UG_L	19	J	s,mc
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	c,mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group		SI6133		
		Lab ID		SI6133-5DL		
		Sample ID		VPB155-GW-081215-658-660		
		Sample Date		8/12/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	20	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	20	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	20	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	20	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	20	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	20	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	20	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	30	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	20	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	20	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	20	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	40	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	20	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	20	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	20	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	100	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	100	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	100	UJ	mc
8260C	ACETONE	67-64-1	UG_L	100	UJ	mc
8260C	BENZENE	71-43-2	UG_L	20	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	20	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	20	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	40	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	20	UJ	c,mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	20	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	20	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	40	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	20	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	40	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	20	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	20	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	20	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	20	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	40	UJ	mc
8260C	ETHYLBENZENE	100-41-4	UG_L	20	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	20	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	40	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	30	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	20	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	20	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	100	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	20	UJ	mc
8260C	STYRENE	100-42-5	UG_L	20	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	20	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	20	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	20	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	20	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	20	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	40	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	40	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	60	UJ	mc

		Sample Delivery Group		SI6246		
		Lab ID		SI6246-1DL		
		Sample ID		VPB155-081415-738-740		
		Sample Date		8/14/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	10	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	10	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	10	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	10	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	10	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	10	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	10	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	15	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	10	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	10	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	10	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	20	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	10	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	10	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	10	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	50	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	50	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	50	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	50	UJ	mc,c
8260C	BENZENE	71-43-2	UG_L	10	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	10	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	10	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	20	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	10	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	10	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	10	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	20	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	10	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	20	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	10	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	10	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	10	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	10	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	20	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	10	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	10	UJ	mc,c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	20	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	15	UJ	mc,c
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	10	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	10	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	50	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	10	UJ	mc
8260C	STYRENE	100-42-5	UG_L	10	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	10	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	10	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	10	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	10	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	10	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	20	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	20	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	30	UJ	mc

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI6246 SI6246-2DL VPB155-081415-758-760 8/14/2015 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	4	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	4	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	4	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	4	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	4	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	4	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	4	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	6	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	4	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	4	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	4	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	8	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	4	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	4	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	4	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	20	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	20	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	20	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	20	UJ	mc,c
8260C	BENZENE	71-43-2	UG_L	4	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	4	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	4	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	8	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	4	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	4	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	4	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	8	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	4	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	8	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	4	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	4	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	4	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	4	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	8	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	4	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	4	UJ	mc,c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	8	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	6	UJ	mc,c
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	4	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	4	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	20	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	4	UJ	mc
8260C	STYRENE	100-42-5	UG_L	4	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	4	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	4	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	4	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	4	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	4	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	8	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	8	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	12	UJ	mc

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI6246 SI6246-6DL VPB155-081715-778-780 8/17/2015 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	38	J	s,mc,c
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc,c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc,c
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI6246 SI6246-7DL VPB155-081715-798-800 8/17/2015 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	4	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	4	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	4	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	4	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	4	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	4	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	4	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	6	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	4	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	4	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	4	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	8	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	4	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	4	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	4	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	20	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	20	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	20	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	22	J	s,mc,c
8260C	BENZENE	71-43-2	UG_L	4	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	4	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	4	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	8	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	4	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	4	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	4	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	8	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	4	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	8	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	4	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	4	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	4	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	4	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	8	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	4	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	4	UJ	mc,c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	8	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	6	UJ	mc,c
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	4	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	4	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	20	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	4	UJ	mc
8260C	STYRENE	100-42-5	UG_L	4	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	4	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	4	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	4	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	4	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	4	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	8	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	8	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	12	UJ	mc

		Sample Delivery Group		SI6390		
		Lab ID		SI6390-4RA		
		Sample ID		VPB155-GW-082015-858-860		
		Sample Date		8/20/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	7.1	J	s,c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	bl,mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI6390		
		Lab ID		SI6390-5RA		
		Sample ID		VPB155-GW-082015-883-885		
		Sample Date		8/20/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	3.9	J	c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

		Sample Delivery Group		SI6481		
		Lab ID		SI6481-1DL		
		Sample ID		VPB155-GW-082115-923-925		
		Sample Date		8/21/2015		
		Sample Type		Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	c,mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	c,mc
8260C	ACETONE	67-64-1	UG_L	10	UJ	bt,c,mc
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	bl,mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2	UJ	c,mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

		Sample Delivery Group		SI6133		
		Lab ID		SI6133-6		
		Sample ID		VPB155-TB081315		
		Sample Date		8/13/2015		
		Sample Type		Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	U	
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	c
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group Lab ID Sample ID Sample Date Sample Type		SI6390 SI6390-1RA VPB155-TB-081915 8/19/2015 Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	U	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group		SI6481		
		Lab ID		SI6481-2		
		Sample ID		VPB155-TB-0821-15		
		Sample Date		8/21/2015		
		Sample Type		Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	c
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	U	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	U	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	U	c
8260C	ACETONE	67-64-1	UG_L	6.9	J	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	bl
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	0.77	J	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.35	J	c
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

		Sample Delivery Group		SI6246		
		Lab ID		SI6246-5		
		Sample ID		VPB155-TB-081415		
		Sample Date		8/14/2015		
		Sample Type		Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG_L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	U	
8260C	BROMOFORM	75-25-2	UG_L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG_L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	U	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	c
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	U	
8260C	O-XYLENE	95-47-6	UG_L	0.5	U	
8260C	STYRENE	100-42-5	UG_L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	U	
8260C	TOLUENE	108-88-3	UG_L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	U	

Notes:

UG_L = Micrograms per liter
Qual = Final qualifier (Refer to Attachment B)
RC = Reason code (Refer to Attachment C)

				Sample Delivery Group		SI6246		SI6246	
				Lab ID		SI6246-3		SI6246-4	
				Sample ID		VPB155-SOIL-081415-763-765		VPB155-SOIL-DUP-081415	
				Sample Date		8/14/2015		8/14/2015	
				Sample Type		Soil		Field Duplicate	
Method	Analyte	CAS No	Units	Result	Qual	Result	Qual
2540G	TOTAL SOLIDS	-29	PCT	83		84	
9060A	TOTAL ORGANIC CARBON	-28	UG_G	300	J	270	J

Notes:

PCT = Percent
UG_G = Micrograms per gram
Qual = Final qualifier (Refer to Attachment B)

DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Group:	SI6443	
Analyses/Method:	Volatile Organic Compounds (VOCs) by U.S. EPA Method TO-15	
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 10/01/2015
Reviewed by:	Tina Clemmey/Resolution Consultants	File Name: SI6443_TO15

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage site on 5 August 2015 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York*. (Resolution Consultants August 2014).

Sample ID	Matrix/Sample Type	Analysis
VPB155-AIR-080515	Air	TO-15

Data validation activities were conducted using the following guidance documents: *Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters and Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)* (*U.S. EPA*, Method TO-15), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (NFG, June 2008), and Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

✓	Data completeness (chain-of-custody (COC)/sample integrity
✓	Holding times and sample preservation
✓	GC/MS performance checks
✓	Initial calibration/continuing calibration verification
✓	Laboratory blanks/trip blanks
NA	Matrix duplicate (MD) results
✓	Laboratory control sample (LCS) results
NA	Field duplicates
✓	Internal standards
✓	Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. NA indicates that the parameter was not included as part of this data set or was not applicable to this validation and therefore not reviewed. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further.

Qualifications Actions

The data was reviewed independently from the laboratory to assess data quality and no results were qualified during this data review. Analytical completeness was calculated to be 100% and the data are usable for their intended purpose, according to U.S. EPA guidelines and Department of Defense guidelines. Attachment A provides final results after data review.

ATTACHMENTS

Attachment A: Final Results after Data Review

Attachment A
Final Results after Data Review

		Sample Delivery Group		SI6443 / 200-29191	
		Lab ID		200-29191-1	
		Sample ID		VPB155-AIR-080515	
		Sample Date		8/5/2015	
		Sample Type		Air	
Method	Analyte	CAS No	Units	Result	Qual
TO-15	1,1,1-TRICHLOROETHANE	71-55-6	PPBV	0.2	U
TO-15	1,1,2,2-TETRACHLOROETHANE	79-34-5	PPBV	0.2	U
TO-15	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	PPBV	0.2	U
TO-15	1,1,2-TRICHLOROETHANE	79-00-5	PPBV	0.2	U
TO-15	1,1-DICHLOROETHANE	75-34-3	PPBV	0.2	U
TO-15	1,1-DICHLOROETHENE	75-35-4	PPBV	0.2	U
TO-15	1,2,4-TRICHLOROBENZENE	120-82-1	PPBV	0.5	U
TO-15	1,2-DIBROMOETHANE	106-93-4	PPBV	0.2	U
TO-15	1,2-DICHLOROBENZENE	95-50-1	PPBV	0.2	U
TO-15	1,2-DICHLOROETHANE	107-06-2	PPBV	0.2	U
TO-15	1,2-DICHLOROPROPANE	78-87-5	PPBV	0.2	U
TO-15	1,3-DICHLOROBENZENE	541-73-1	PPBV	0.2	U
TO-15	1,4-DICHLOROBENZENE	106-46-7	PPBV	0.2	U
TO-15	2-BUTANONE	78-93-3	PPBV	0.92	
TO-15	2-HEXANONE	591-78-6	PPBV	0.5	U
TO-15	4-METHYL-2-PENTANONE	108-10-1	PPBV	0.5	U
TO-15	ACETONE	67-64-1	PPBV	6.7	
TO-15	BENZENE	71-43-2	PPBV	0.21	
TO-15	BROMODICHLOROMETHANE	75-27-4	PPBV	0.2	U
TO-15	BROMOFORM	75-25-2	PPBV	0.2	U
TO-15	BROMOMETHANE	74-83-9	PPBV	0.2	U
TO-15	CARBON DISULFIDE	75-15-0	PPBV	0.64	
TO-15	CARBON TETRACHLORIDE	56-23-5	PPBV	0.2	U
TO-15	CHLOROBENZENE	108-90-7	PPBV	0.2	U
TO-15	CHLOROETHANE	75-00-3	PPBV	0.5	U
TO-15	CHLOROFORM	67-66-3	PPBV	0.2	U
TO-15	CHLOROMETHANE	74-87-3	PPBV	0.77	
TO-15	CIS-1,2-DICHLOROETHENE	156-59-2	PPBV	0.2	U
TO-15	CIS-1,3-DICHLOROPROPENE	10061-01-5	PPBV	0.2	U
TO-15	CYCLOHEXANE	110-82-7	PPBV	0.2	U
TO-15	DIBROMOCHLOROMETHANE	124-48-1	PPBV	0.2	U
TO-15	DICHLORODIFLUOROMETHANE	75-71-8	PPBV	0.5	U
TO-15	ETHYLBENZENE	100-41-4	PPBV	0.2	U
TO-15	ISOPROPYLBENZENE	98-82-8	PPBV	0.2	U
TO-15	M- AND P-XYLENE	108-38-3/106-42	PPBV	0.5	U
TO-15	METHYL TERT-BUTYL ETHER	1634-04-4	PPBV	0.2	U
TO-15	METHYLENE CHLORIDE	75-09-2	PPBV	0.5	U
TO-15	O-XYLENE	95-47-6	PPBV	0.2	U
TO-15	STYRENE	100-42-5	PPBV	0.2	U
TO-15	TETRACHLOROETHENE	127-18-4	PPBV	0.2	U
TO-15	TOLUENE	108-88-3	PPBV	0.44	
TO-15	TRANS-1,2-DICHLOROETHENE	156-60-5	PPBV	0.2	U
TO-15	TRANS-1,3-DICHLOROPROPENE	10061-02-6	PPBV	0.2	U
TO-15	TRICHLOROETHENE	79-01-6	PPBV	0.2	U
TO-15	TRICHLOROFLUOROMETHANE	75-69-4	PPBV	0.21	
TO-15	VINYL CHLORIDE	75-01-4	PPBV	0.2	U
TO-15	XYLENES, TOTAL	1330-20-7	PPBV	0.7	U

Notes:
PPBV = Parts per billion by volume
Qual = Final qualifier
U = The analyte was analyzed for and not detected above the reported sample quantitation limit.

Section 5

VPB155 Analytical Data Table

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		7/27/2015	7/28/2015	7/30/2015	7/30/2015
Sample ID		VPB155-GW-072715-58-60	VPB155-GW-072815-98-100	VPB155-GW-073015-148 150	VPB155-GW-073015-198 200
Sample Interval		58-60 ft	98-100 ft	148-150 ft	198-200 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	2.2 J	< 0.50 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
1,2-DICHLOROPROPANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
2-BUTANONE	50	< 2.5 UJ	2.1 J	5.0 J	< 2.5 UJ
2-HEXANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
ACETONE	50	19 J	6.9 J	23 J	3.4 J
BENZENE	1	0.50 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOFORM	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CARBON DISULFIDE	60	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CHLOROFORM	7	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DICHLORODIFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
ETHYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
O-XYLENE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
STYRENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TETRACHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	1.0 J
TOLUENE	5	0.78 J	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
TRICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	1.7 J	2.0 J
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
XYLENES, TOTAL	5	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		7/30/2015	7/31/2015	7/31/2015	7/31/2015
Sample ID		VPB155-GW-D-073015	VPB155-GW-073115-218 220	VPB155-GW-073115-238 240	VPB155-GW-073115-258 260
Sample Interval		198-200 ft	218-220 ft	238-240 ft	258-260 ft
Sample type code		FD	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 0.50 UJ	1.0 J	< 0.50 UJ
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	0.43 J	< 0.50 UJ
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 1.0 UJ	0.37 J	< 1.0 UJ
1,2-DICHLOROPROPANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
2-BUTANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
2-HEXANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
ACETONE	50	3.6 J	6.8 J	2.4 J	2.4 J
BENZENE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOFORM	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CARBON DISULFIDE	60	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CHLOROFORM	7	< 0.50 UJ	0.39 J	0.41 J	< 0.50 UJ
CHLOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	0.37 J	< 0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DICHLORODIFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
ETHYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
O-XYLENE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
STYRENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TETRACHLOROETHENE	5	1.0 J	1.6 J	1.7 J	< 0.50 UJ
TOLUENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
TRICHLOROETHENE	5	1.9 J	16 J	38 J	0.42 J
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
XYLENES, TOTAL	5	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/3/2015	8/3/2015	8/3/2015	8/4/2015
Sample ID		VPB155-GW-080315-278 280	VPB155-GW-080315-298 300	VPB155-GW-080315-318 320	VPB155-GW-080415-338 340
Sample Interval		278-280 ft	298-300 ft	318-320 ft	338-340 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
1,2-DICHLOROPROPANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
2-BUTANONE	50	1.9 J	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
2-HEXANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
ACETONE	50	12 J	< 2.5 UJ	2.7 J	5.8 J
BENZENE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOFORM	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CARBON DISULFIDE	60	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.98 J
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CHLOROFORM	7	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DICHLORODIFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	0.62 J	< 1.0 UJ
ETHYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
O-XYLENE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
STYRENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TETRACHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TOLUENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
TRICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
XYLENES, TOTAL	5	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/4/2015	8/4/2015	8/5/2015	8/5/2015
Sample ID		VPB155-GW-080415-358 360	VPB155-GW-080415-378 380	VPB155-GW-080515-398 400	VPB155-GW-080515-418 420
Sample Interval		358-360 ft	378-380 ft	398-400 ft	418-420 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	*< 2.0 UJ*	< 0.50 UJ	*< 2.0 UJ*
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 3.0 UJ*	*< 0.75 UJ*	*< 3.0 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
1,2-DICHLOROPROPANE	1	< 0.50 UJ	*< 2.0 UJ*	< 0.50 UJ	*< 2.0 UJ*
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
2-BUTANONE	50	< 2.5 UJ	< 10 UJ	1.4 J	< 10 UJ
2-HEXANONE	50	< 2.5 UJ	< 10 UJ	< 2.5 UJ	< 10 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 10 UJ	< 2.5 UJ	< 10 UJ
ACETONE	50	3.2 J	10 J	7.6 J	< 10 UJ
BENZENE	1	< 0.50 UJ	*< 2.0 UJ*	< 0.50 UJ	*< 2.0 UJ*
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
BROMOFORM	50	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
BROMOMETHANE	5	< 1.0 UJ	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
CARBON DISULFIDE	60	0.71 J	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
CHLOROETHANE	5	< 1.0 UJ	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
CHLOROFORM	7	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
CHLOROMETHANE	5	< 1.0 UJ	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 2.0 UJ*	*< 0.50 UJ*	*< 2.0 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
DICHLORODIFLUOROMETHANE	5	0.64 J	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
ETHYLBENZENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 3.0 UJ	< 0.75 UJ	< 3.0 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	*< 10 UJ*	< 2.5 UJ	*< 10 UJ*
O-XYLENE	NL	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
STYRENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
TETRACHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
TOLUENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 2.0 UJ*	*< 0.50 UJ*	*< 2.0 UJ*
TRICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ	< 0.50 UJ	< 2.0 UJ
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 4.0 UJ	< 1.0 UJ	< 4.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	*< 4.0 UJ*	< 1.0 UJ	*< 4.0 UJ*
XYLENES, TOTAL	5	< 1.5 UJ	*< 6.0 UJ*	< 1.5 UJ	*< 6.0 UJ*

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/5/2015	8/6/2015	8/6/2015	8/6/2015
Sample ID		VPB155-GW-080515-438 440	VPB155-GW-080615-458 460	VPB155-GW-080615-478 480	VPB155-GW-D-080615
Sample Interval		438-440 ft	458-460 ft	478-480 ft	478-480 ft
Sample type code		N	N	N	FD
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
1,2-DICHLOROPROPANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
2-BUTANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
2-HEXANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
ACETONE	50	3.0 J	4.9 J	2.4 J	< 2.5 UJ
BENZENE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOFORM	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CARBON DISULFIDE	60	< 0.50 UJ	0.32 J	< 0.50 UJ	< 0.50 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CHLOROFORM	7	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DICHLORODIFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	0.25 J	< 1.0 UJ
ETHYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
O-XYLENE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
STYRENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TETRACHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TOLUENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
TRICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
XYLENES, TOTAL	5	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/6/2015	8/7/2015	8/7/2015	8/10/2015
Sample ID		VPB155-GW-080615-498 500	VPB155-GW-080715-518 520	VPB155-GW-080715-538 540	VPB155-GW-081015-558 560
Sample Interval		498-500 ft	518-520 ft	538-540 ft	558-560 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	4.4 J
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	1.6 J
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	0.95 J
1,2-DICHLOROPROPANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
2-BUTANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
2-HEXANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
ACETONE	50	2.9 J	5.8 J	3.9 J	14 J
BENZENE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOFORM	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
BROMOMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CARBON DISULFIDE	60	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
CHLOROETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CHLOROFORM	7	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.50 J
CHLOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	0.95 J
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
DICHLORODIFLUOROMETHANE	5	1.1 J	< 1.0 UJ	0.27 J	0.90 J
ETHYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
O-XYLENE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
STYRENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TETRACHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TOLUENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*
TRICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	45 J
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ
XYLENES, TOTAL	5	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/10/2015	8/10/2015	8/11/2015	8/12/2015
Sample ID		VPB155-GW-081015-578 580	VPB155-GW-081015-598 600	VPB155-GW-081115-618 620	VPB155-GW-081215-658 660
Sample Interval		578-580 ft	598-600 ft	618-620 ft	658-660 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	4.1 J	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,1-DICHLOROETHENE	5	1.2 J	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 0.75 UJ*	*< 0.75 UJ*	*< 30 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 20 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,2-DICHLOROETHENE, TOTAL	5	0.54 J	< 1.0 UJ	< 1.0 UJ	*< 40 UJ*
1,2-DICHLOROPROPANE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
2-BUTANONE	50	< 2.5 UJ	< 2.5 UJ	2.1 J	*< 100 UJ*
2-HEXANONE	50	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	*< 100 UJ*
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	< 100 UJ
ACETONE	50	3.4 J	3.7 J	11 J	*< 100 UJ*
BENZENE	1	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 20 UJ
BROMOFORM	50	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 20 UJ
BROMOMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	*< 40 UJ*
CARBON DISULFIDE	60	< 0.50 UJ	< 0.50 UJ	0.40 J	< 20 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
CHLOROBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
CHLOROETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	*< 40 UJ*
CHLOROFORM	7	0.65 J	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
CHLOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	0.94 J	*< 40 UJ*
CIS-1,2-DICHLOROETHENE	5	0.54 J	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 20 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 20 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
DICHLORODIFLUOROMETHANE	5	0.84 J	< 1.0 UJ	< 1.0 UJ	*< 40 UJ*
ETHYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
ISOPROPYLBENZENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
M- AND P-XYLENE	NL	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	< 40 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 0.75 UJ	< 0.75 UJ	< 30 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 20 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
METHYLENE CHLORIDE	5	< 2.5 UJ	< 2.5 UJ	< 2.5 UJ	*< 100 UJ*
O-XYLENE	NL	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 20 UJ
STYRENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
TETRACHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
TOLUENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 0.50 UJ*	*< 0.50 UJ*	*< 20 UJ*
TRICHLOROETHENE	5	16 J	< 0.50 UJ	< 0.50 UJ	*< 20 UJ*
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	*< 40 UJ*
VINYL CHLORIDE	2	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	*< 40 UJ*
XYLENES, TOTAL	5	< 1.5 UJ	< 1.5 UJ	< 1.5 UJ	*< 60 UJ*

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/12/2015	8/13/2015	8/13/2015	8/14/2015
Sample ID		VPB155-GW-081215-678 680	VPB155-GW-081315-698 700	VPB155-GW-081315-718 720	VPB155-081415-738-740
Sample Interval		78-680 ft	698-700 ft	718-720 ft	738-740 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,1,2,2-TETRACHLOROETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,1,2-TRICHLOROETHANE	1	*< 2.0 UJ*	*< 2.0 UJ*	*< 2.0 UJ*	*< 10 UJ*
1,1-DICHLOROETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,1-DICHLOROETHENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,2,4-TRICHLOROBENZENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 3.0 UJ*	*< 3.0 UJ*	*< 3.0 UJ*	*< 15 UJ*
1,2-DIBROMOETHANE	NL	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
1,2-DICHLOROBENZENE	3	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,2-DICHLOROETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,2-DICHLOROETHENE, TOTAL	5	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	*< 20 UJ*
1,2-DICHLOROPROPANE	1	*< 2.0 UJ*	*< 2.0 UJ*	*< 2.0 UJ*	*< 10 UJ*
1,3-DICHLOROBENZENE	3	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
1,4-DICHLOROBENZENE	3	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
2-BUTANONE	50	< 10 UJ	< 10 UJ	< 10 UJ	< 50 UJ
2-HEXANONE	50	< 10 UJ	< 10 UJ	< 10 UJ	< 50 UJ
4-METHYL-2-PENTANONE	NL	< 10 UJ	< 10 UJ	< 10 UJ	< 50 UJ
ACETONE	50	19 J	16 J	28 J	< 50 UJ
BENZENE	1	*< 2.0 UJ*	*< 2.0 UJ*	*< 2.0 UJ*	*< 10 UJ*
BROMODICHLOROMETHANE	50	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
BROMOFORM	50	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
BROMOMETHANE	5	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	*< 20 UJ*
CARBON DISULFIDE	60	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
CARBON TETRACHLORIDE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
CHLOROBENZENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
CHLOROETHANE	5	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	*< 20 UJ*
CHLOROFORM	7	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
CHLOROMETHANE	5	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	*< 20 UJ*
CIS-1,2-DICHLOROETHENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
CIS-1,3-DICHLOROPROPENE	0.4	*< 2.0 UJ*	*< 2.0 UJ*	*< 2.0 UJ*	*< 10 UJ*
CYCLOHEXANE	NL	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
DIBROMOCHLOROMETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
DICHLORODIFLUOROMETHANE	5	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	*< 20 UJ*
ETHYLBENZENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
ISOPROPYLBENZENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
M- AND P-XYLENE	NL	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	< 20 UJ
METHYL ACETATE	NL	< 3.0 UJ	< 3.0 UJ	< 3.0 UJ	< 15 UJ
METHYL CYCLOHEXANE	NL	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
METHYL TERT-BUTYL ETHER	10	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
METHYLENE CHLORIDE	5	*< 10 UJ*	*< 10 UJ*	*< 10 UJ*	*< 50 UJ*
O-XYLENE	NL	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 10 UJ
STYRENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
TETRACHLOROETHENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
TOLUENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
TRANS-1,2-DICHLOROETHENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
TRANS-1,3-DICHLOROPROPENE	0.4	*< 2.0 UJ*	*< 2.0 UJ*	*< 2.0 UJ*	*< 10 UJ*
TRICHLOROETHENE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	*< 10 UJ*
TRICHLOROFLUOROMETHANE	5	< 4.0 UJ	< 4.0 UJ	< 4.0 UJ	*< 20 UJ*
VINYL CHLORIDE	2	*< 4.0 UJ*	*< 4.0 UJ*	*< 4.0 UJ*	*< 20 UJ*
XYLENES, TOTAL	5	*< 6.0 UJ*	*< 6.0 UJ*	*< 6.0 UJ*	*< 30 UJ*

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155	VPB155	VPB155
Sample Date		8/14/2015	8/17/2015	8/17/2015	8/20/2015
Sample ID		VPB155-081415-758-760	VPB155-081715-778-780	VPB155-081715-798-800	VPB155-GW-082015-858 860
Sample Interval		758-760 ft	778-780 ft	798-800 ft	858-860 ft
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,1,2-TRICHLOROETHANE	1	*< 4.0 UJ*	*< 2.0 UJ*	*< 4.0 UJ*	< 0.50 UJ
1,1-DICHLOROETHANE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,1-DICHLOROETHENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,2,4-TRICHLOROBENZENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 6.0 UJ*	*< 3.0 UJ*	*< 6.0 UJ*	*< 0.75 UJ*
1,2-DIBROMOETHANE	NL	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,2-DICHLOROBENZENE	3	*< 4.0 UJ*	< 2.0 UJ	*< 4.0 UJ*	< 0.50 UJ
1,2-DICHLOROETHANE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	*< 8.0 UJ*	< 4.0 UJ	*< 8.0 UJ*	< 1.0 UJ
1,2-DICHLOROPROPANE	1	*< 4.0 UJ*	*< 2.0 UJ*	*< 4.0 UJ*	< 0.50 UJ
1,3-DICHLOROBENZENE	3	*< 4.0 UJ*	< 2.0 UJ	*< 4.0 UJ*	< 0.50 UJ
1,4-DICHLOROBENZENE	3	*< 4.0 UJ*	< 2.0 UJ	*< 4.0 UJ*	< 0.50 UJ
2-BUTANONE	50	< 20 UJ	< 10 UJ	< 20 UJ	< 2.5 UJ
2-HEXANONE	50	< 20 UJ	< 10 UJ	< 20 UJ	< 2.5 UJ
4-METHYL-2-PENTANONE	NL	< 20 UJ	< 10 UJ	< 20 UJ	< 2.5 UJ
ACETONE	50	< 20 UJ	38 J	22 J	7.1 J
BENZENE	1	*< 4.0 UJ*	*< 2.0 UJ*	*< 4.0 UJ*	< 0.50 UJ
BROMODICHLOROMETHANE	50	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
BROMOFORM	50	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
BROMOMETHANE	5	*< 8.0 UJ*	< 4.0 UJ	*< 8.0 UJ*	< 1.0 UJ
CARBON DISULFIDE	60	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
CARBON TETRACHLORIDE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
CHLOROBENZENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
CHLOROETHANE	5	*< 8.0 UJ*	< 4.0 UJ	*< 8.0 UJ*	< 1.0 UJ
CHLOROFORM	7	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
CHLOROMETHANE	5	*< 8.0 UJ*	< 4.0 UJ	*< 8.0 UJ*	< 1.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 4.0 UJ*	*< 2.0 UJ*	*< 4.0 UJ*	*< 0.50 UJ*
CYCLOHEXANE	NL	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
DIBROMOCHLOROMETHANE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
DICHLORODIFLUOROMETHANE	5	*< 8.0 UJ*	< 4.0 UJ	*< 8.0 UJ*	< 1.0 UJ
ETHYLBENZENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
ISOPROPYLBENZENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
M- AND P-XYLENE	NL	< 8.0 UJ	< 4.0 UJ	< 8.0 UJ	< 1.0 UJ
METHYL ACETATE	NL	< 6.0 UJ	< 3.0 UJ	< 6.0 UJ	< 0.75 UJ
METHYL CYCLOHEXANE	NL	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
METHYL TERT-BUTYL ETHER	10	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
METHYLENE CHLORIDE	5	*< 20 UJ*	*< 10 UJ*	*< 20 UJ*	< 2.5 UJ
O-XYLENE	NL	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
STYRENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
TETRACHLOROETHENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
TOLUENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 4.0 UJ*	*< 2.0 UJ*	*< 4.0 UJ*	*< 0.50 UJ*
TRICHLOROETHENE	5	< 4.0 UJ	< 2.0 UJ	< 4.0 UJ	< 0.50 UJ
TRICHLOROFLUOROMETHANE	5	*< 8.0 UJ*	< 4.0 UJ	*< 8.0 UJ*	< 1.0 UJ
VINYL CHLORIDE	2	*< 8.0 UJ*	*< 4.0 UJ*	*< 8.0 UJ*	< 1.0 UJ
XYLENES, TOTAL	5	*< 12 UJ*	*< 6.0 UJ*	*< 12 UJ*	< 1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB155	VPB155
Sample Date		8/20/2015	8/21/2015
Sample ID		VPB155-GW-082015-883 885	VPB155-GW-082115-923 925
Sample Interval		883-885 ft	923-925 ft
Sample type code		N	N
VOC 8260C (ug/L)			
1,1,1-TRICHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	< 0.50 UJ	< 2.0 UJ
1,1,2-TRICHLOROETHANE	1	< 0.50 UJ	*< 2.0 UJ*
1,1-DICHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ
1,1-DICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ
1,2,4-TRICHLOROBENZENE	5	< 0.50 UJ	< 2.0 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	*< 0.75 UJ*	*< 3.0 UJ*
1,2-DIBROMOETHANE	NL	< 0.50 UJ	< 2.0 UJ
1,2-DICHLOROBENZENE	3	< 0.50 UJ	< 2.0 UJ
1,2-DICHLOROETHANE	5	< 0.50 UJ	< 2.0 UJ
1,2-DICHLOROETHENE, TOTAL	5	< 1.0 UJ	< 4.0 UJ
1,2-DICHLOROPROPANE	1	< 0.50 UJ	*< 2.0 UJ*
1,3-DICHLOROBENZENE	3	< 0.50 UJ	< 2.0 UJ
1,4-DICHLOROBENZENE	3	< 0.50 UJ	< 2.0 UJ
2-BUTANONE	50	< 2.5 UJ	< 10 UJ
2-HEXANONE	50	< 2.5 UJ	< 10 UJ
4-METHYL-2-PENTANONE	NL	< 2.5 UJ	< 10 UJ
ACETONE	50	3.9 J	< 10 UJ
BENZENE	1	< 0.50 UJ	*< 2.0 UJ*
BROMODICHLOROMETHANE	50	< 0.50 UJ	< 2.0 UJ
BROMOFORM	50	< 0.50 UJ	< 2.0 UJ
BROMOMETHANE	5	< 1.0 UJ	< 4.0 UJ
CARBON DISULFIDE	60	< 0.50 UJ	< 2.0 UJ
CARBON TETRACHLORIDE	5	< 0.50 UJ	< 2.0 UJ
CHLOROBENZENE	5	< 0.50 UJ	< 2.0 UJ
CHLOROETHANE	5	< 1.0 UJ	< 4.0 UJ
CHLOROFORM	7	< 0.50 UJ	< 2.0 UJ
CHLOROMETHANE	5	< 1.0 UJ	< 4.0 UJ
CIS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ
CIS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 2.0 UJ*
CYCLOHEXANE	NL	< 0.50 UJ	< 2.0 UJ
DIBROMOCHLOROMETHANE	5	< 0.50 UJ	< 2.0 UJ
DICHLORODIFLUOROMETHANE	5	< 1.0 UJ	< 4.0 UJ
ETHYLBENZENE	5	< 0.50 UJ	< 2.0 UJ
ISOPROPYLBENZENE	5	< 0.50 UJ	< 2.0 UJ
M- AND P-XYLENE	NL	< 1.0 UJ	< 4.0 UJ
METHYL ACETATE	NL	< 0.75 UJ	< 3.0 UJ
METHYL CYCLOHEXANE	NL	< 0.50 UJ	< 2.0 UJ
METHYL TERT-BUTYL ETHER	10	< 0.50 UJ	< 2.0 UJ
METHYLENE CHLORIDE	5	< 2.5 UJ	*< 10 UJ*
O-XYLENE	NL	< 0.50 UJ	< 2.0 UJ
STYRENE	5	< 0.50 UJ	< 2.0 UJ
TETRACHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ
TOLUENE	5	< 0.50 UJ	< 2.0 UJ
TRANS-1,2-DICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	*< 0.50 UJ*	*< 2.0 UJ*
TRICHLOROETHENE	5	< 0.50 UJ	< 2.0 UJ
TRICHLOROFLUOROMETHANE	5	< 1.0 UJ	< 4.0 UJ
VINYL CHLORIDE	2	< 1.0 UJ	*< 4.0 UJ*
XYLENES, TOTAL	5	< 1.5 UJ	*< 6.0 UJ*

Notes:

1 New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series (6 NYCRR 700-706, Part 703.5 summarized in TOGS 1.1.1)

Ambient water quality standards and groundwater effluent limitations, class GA; NL = Not Listed

Bold = Detected; ***Bold and Italics*** =Not detected exceeds NYS Groundwater Standards or guidance value

Yellow highlighted values exceed Groundwater Standards or guidance value

Sample type codes: N - normal environmental sample, FD - field duplicate

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

M = the matrix spike or matrix spike duplicate did not meet recovery or precision requirements.

Section 6

VPB155 Survey

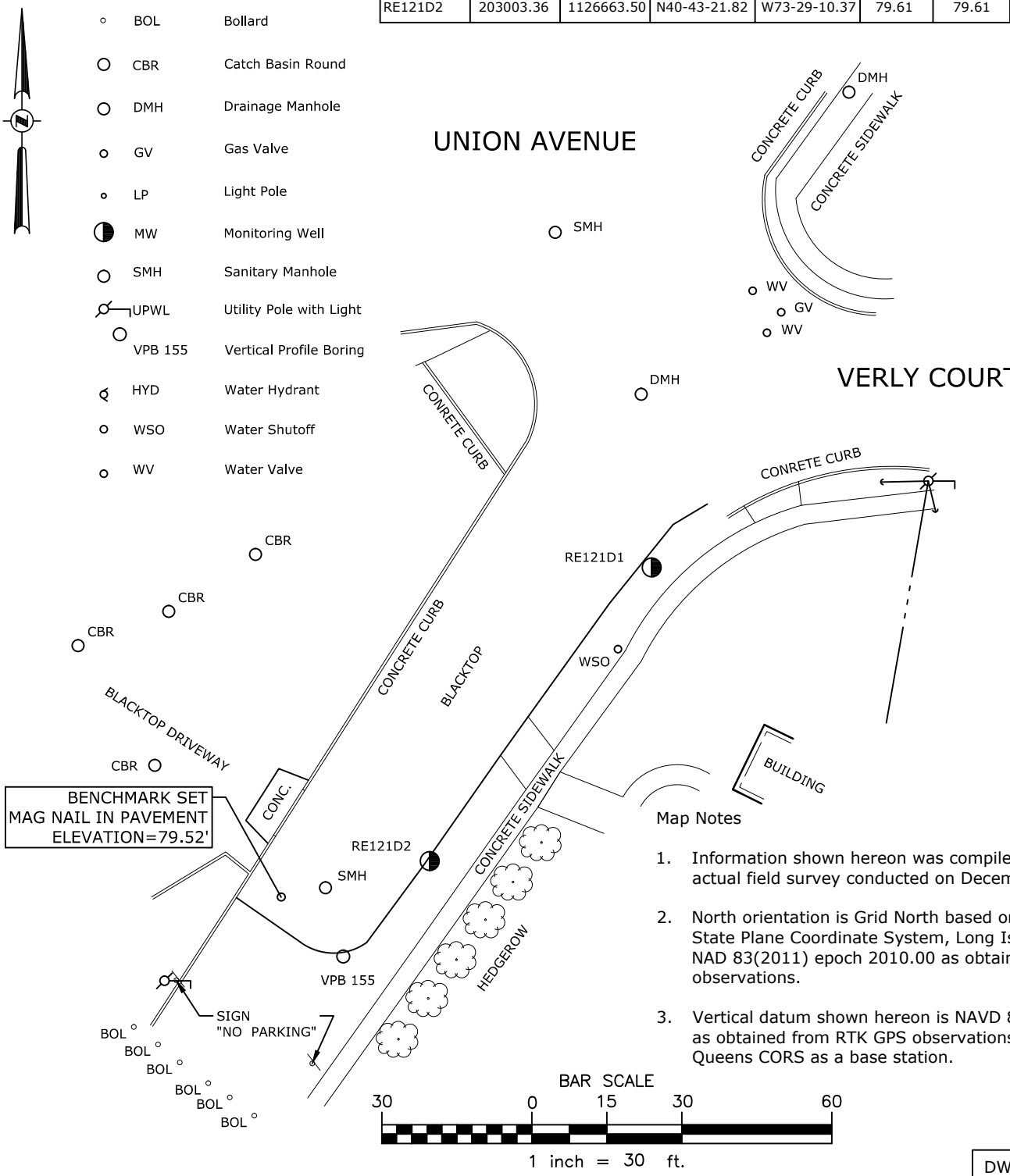
NONE :XREFS

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

Description	Northing	Easting	Latitude	Longitude	Ground	Rim	PVC
VPB 155	202984.27	1126646.18	N40-43-21.63	W73-29-10.60	79.19	79.19	NA
RE121D1	203062.13	1126707.85	N40-43-22.40	W73-29-09.79	79.84	79.84	79.03
RE121D2	203003.36	1126663.50	N40-43-21.82	W73-29-10.37	79.61	79.61	79.24

LEGEND

BOL	Bollard
CBR	Catch Basin Round
DMH	Drainage Manhole
GV	Gas Valve
LP	Light Pole
MW	Monitoring Well
SMH	Sanitary Manhole
UPWL	Utility Pole with Light
VPB 155	Vertical Profile Boring
HYD	Water Hydrant
WSO	Water Shutoff
WV	Water Valve



Map Notes

1. Information shown hereon was compiled from an actual field survey conducted on December 7, 2015.
2. North orientation is Grid North based on the New York State Plane Coordinate System, Long Island Zone, NAD 83(2011) epoch 2010.00 as obtained from GPS observations.
3. Vertical datum shown hereon is NAVD 88(Geoid12A) as obtained from RTK GPS observations using the Queens CORS as a base station.

BAR SCALE

30 0 15 30 60

1 inch = 30 ft.

DWG NO. 15-703

Date	RECORD OF WORK	Appr.

VERTICAL PROFILE BORING 155 SURVEY LOCATION
MWRE121D1-MWRE121D2
UNION AVENUE

TOWN OF PLAINEDGE | NASSAU COUNTY, NEW YORK

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Drafter:	Checker: JFC
Appr. by: JFC	Proj. No. 14.4121
SCALE: 1"=30'	DATE: DECEMBER 7, 2015

CAD DWG. FILE NAME: K:\Projects\144121\Survey\Drawings and Maps\VPB 155.dwg