

# **GEOPHYSICAL ENGINEERING SURVEY REPORT**

Commercial Site  
45 Commercial Street,  
Brooklyn, New York 11222

**NOVA PROJECT NUMBER:**  
19-1409

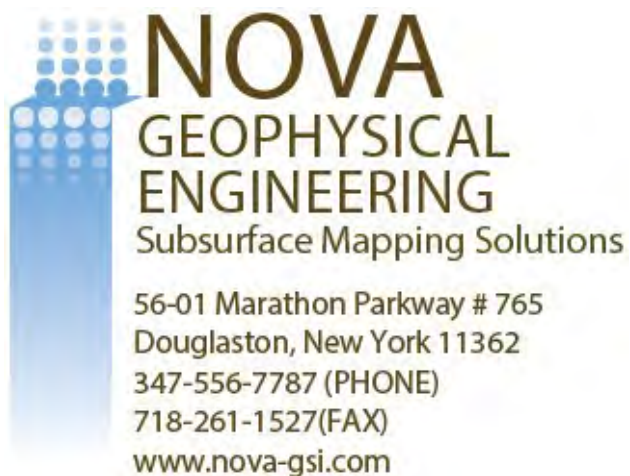
**DATED:**  
September 11, 2019

**PREPARED FOR:**

# **LANGAN**

21 Penn Plaza  
360 West 31st Street, 8th Floor  
New York, New York 10001-2727

**PREPARED BY:**



# NOVA GEOPHYSICAL SERVICES

## SUBSURFACE MAPPING SOLUTIONS

56-01 Marathon Parkway #765, Douglaston, New York 11362  
Ph. 347-556-7787 Fax. 718-261-1527  
www.novagsi.com

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September 11, 2019

Woo Kim  
Senior Staff Geologist

### **LANGAN**

21 Penn Plaza  
360 West 31st Street, 8th Floor  
New York, New York 10001-2727  
P: 212.479.5400 x5733 | E: [wkim@langan.com](mailto:wkim@langan.com)

Re: Geophysical Engineering Survey (GES) Report  
Commercial Site  
45 Commercial Street,  
Brooklyn, New York 11222

Dear Mr. Kim,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 45 Commercial Street, Brooklyn, New York 11222 (the "Site").

## INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures as well as to clear and mark proposed boring areas on September 3<sup>rd</sup>, 2019.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the

## GEOPHYSICAL ENGINEERING SURVEY REPORT

*Commercial Site*

45 Commercial Street,  
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subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

## GEOPHYSICAL METHODS

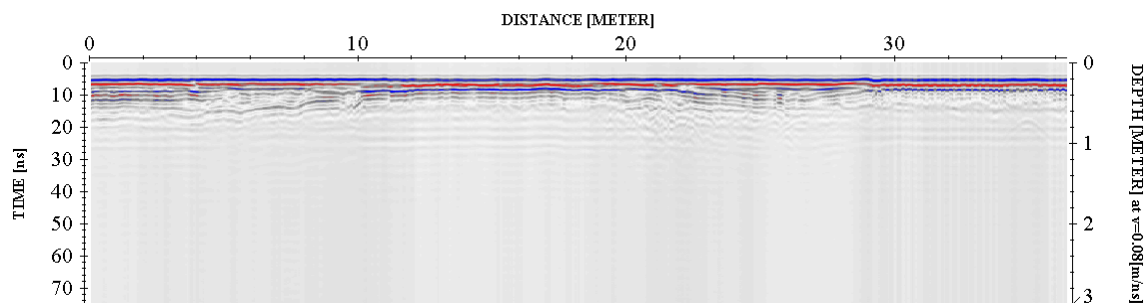
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

## DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

### Step 1. Import Raw RAMAC data to standard processing format

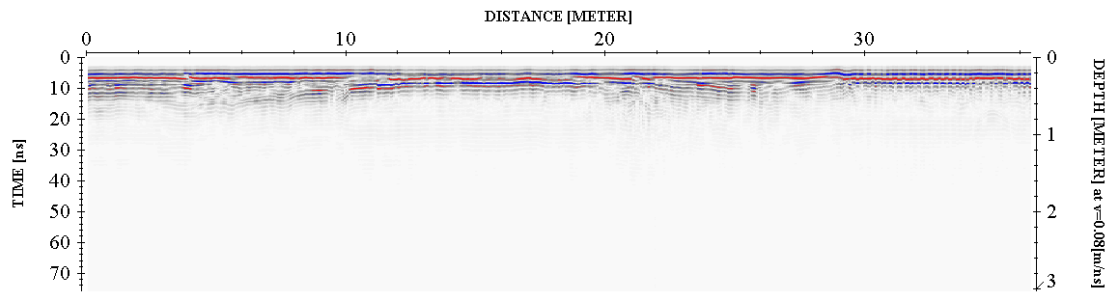


## GEOPHYSICAL ENGINEERING SURVEY REPORT

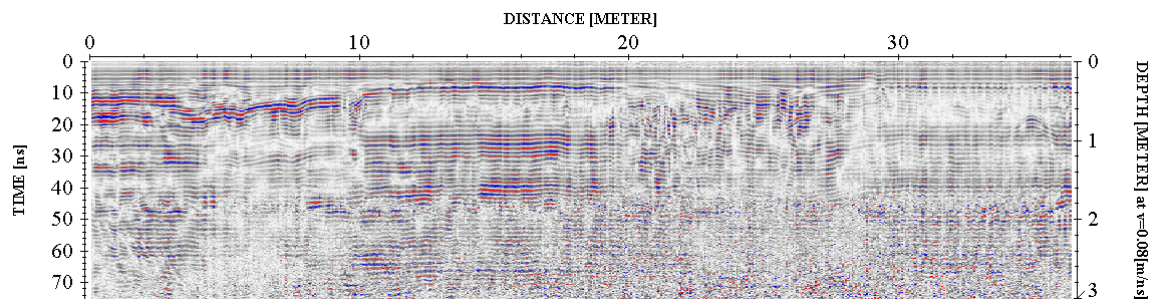
*Commercial Site*

45 Commercial Street,  
Brooklyn, New York 11222

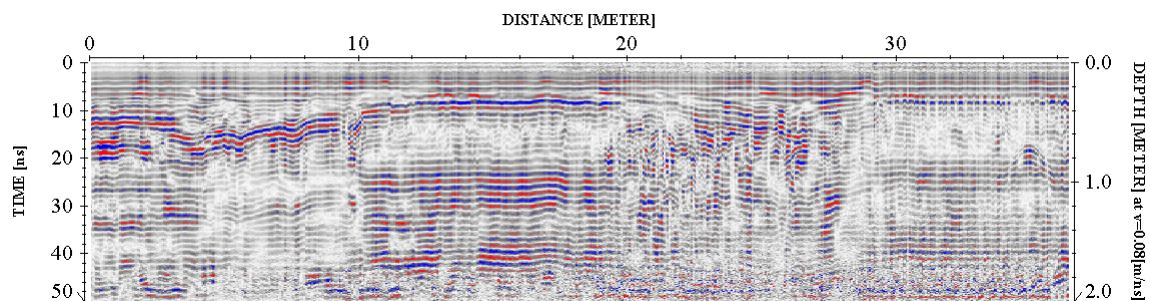
### Step 2. Remove instrument noise (*dewow*)



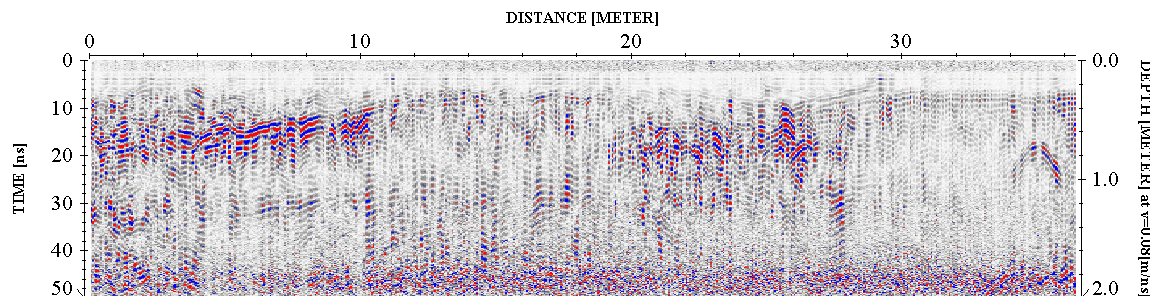
### Step 3. Correct for attenuation losses (*energy decay function*)



### Step 4. Remove static from bottom of profile (*time cut*)



### Step 5. Mute horizontal ringing/noise (*subtracting average*)



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

## PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

**Weather:** Clear

**Temperature:** 80° F

**Surface:** Concrete, Asphalt, Gravel

**Geophysical Noise Level (GNL):** The GNL was high at the site. The noise was a result of the site being located in an urban environment and heavily reinforced concrete on portions of the site. Portions of the site were covered with large immobile objects and could not be effectively surveyed.

## RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as electric) were identified during the GES. The approximate locations are shown in the survey plan.
- Anomalies resembling potential foundation slab from a historic building were detected during the GES. Approximate locations of the foundation slab boundaries are shown in the Survey Plan.
- No large geophysical anomalies resembling an underground storage tank (UST) were identified during the GES.
- All detected subsurface anomalies were marked in the onsite mark out.
- All cleared boring locations were marked in the onsite mark out.

**GEOPHYSICAL ENGINEERING SURVEY REPORT**

*Commercial Site*

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If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

**NOVA Geophysical Services**



Levent Eskicakit, P.G., E.P.

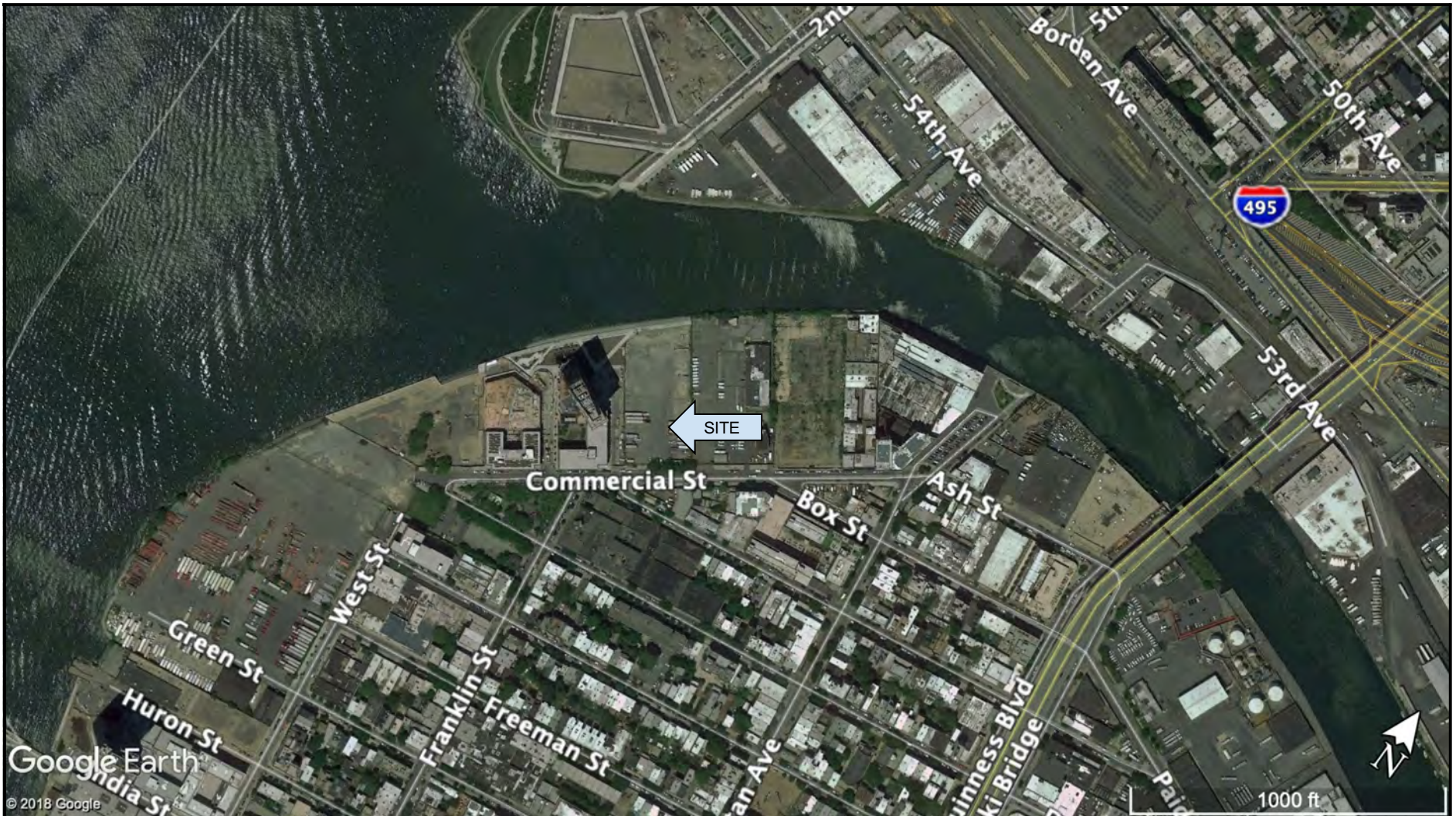
Project Engineer

**Attachments:**

Location Map

Survey Plan

Geophysical Images



Google Earth

© 2018 Google

	LOCATION MAP	LEGEND
<p><b>NOVA</b>  <b>Geophysical</b>  <b>Services</b></p> <p>Subsurface Mapping Solutions            56-01 Marathon Parkway, # 765            Douglaston, New York 11362            Phone (347) 556-7787 * Fax (718) 261-1527  <a href="http://www.novagsi.com">www.novagsi.com</a></p>	<p>SITE: <b>Commercial Site</b>            45 Commercial Street,            Brooklyn, New York 11222</p> <p>CLIENT: Langan</p> <p>DATE: September 3rd, 2019</p> <p>AUTH: Peter Hurst</p>	






Google Earth

Commercial St

© 2018 Google

300 ft

	SURVEY PLAN	LEGEND
<p style="text-align: center;"><b>NOVA</b> <b>Geophysical</b> <b>Services</b></p> <p style="text-align: center;"><b>Subsurface Mapping Solutions</b> 56-01 Marathon Parkway, # 765 Douglaston, New York 11362 Phone (347) 556-7787 * Fax (718) 261-1527 <a href="http://www.novagsi.com">www.novagsi.com</a></p>	<p>SITE:           <b>Commercial Site</b> 45 Commercial Street, Brooklyn, New York 11222</p> <p>CLIENT:       Langan</p> <p>DATE:           September 3rd, 2019</p> <p>AUTH:          Peter Hurst</p>	<p> Survey Area</p> <p> Electric</p> <p> Buried Foundation</p>



## GEOPHYSICAL IMAGES

**Greenpoint Landing**  
45 Commercial Street,  
Brooklyn, New York 11222  
September 3rd, 2019



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Greenpoint Landing  
45 Commercial Street,  
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September 3rd, 2019



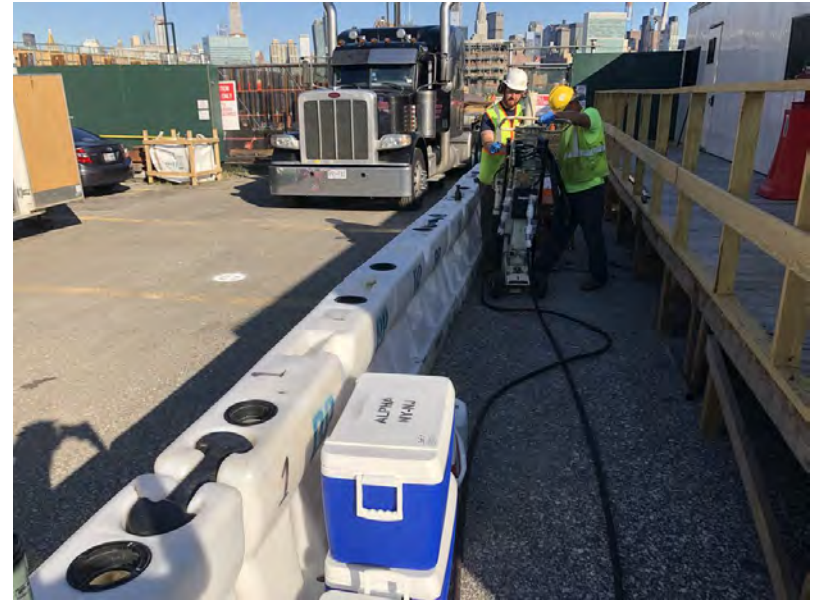
## GEOPHYSICAL IMAGES

Greenpoint Landing  
45 Commercial Street,  
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## **GEOPHYSICAL IMAGES**

**Greenpoint Landing**  
45 Commercial Street,  
Brooklyn, New York 11222  
September 3rd, 2019



Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/3/19		Date Finished 9/3/19		
Drilling Equipment Geoprobe 420M				Completion Depth 15 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 5	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 13		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Josh Falk and Patrick Slavin				
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)
X	0	(0-6") Orangish brown fine SAND, some silt, trace fine gravel, coal, slag (moist)[FILL]	0	M-1A	Macrocore			0	Sample LB01_0.5-2.5, SOMS91_090319 and SOMSD01_090319 collected at 1150.
	1	(6-22") Orangish brown fine SAND, some silt, some fine gravel, coal, slag (moist)[FILL]	1	M-1B	Macrocore	25		0	
	2	(21-25") Orangish brown fine SAND, some silt, some fine gravel, brick, coal, slag (moist)[FILL]	2	M-1C	Macrocore			0	
	3	(0-14") Brownish red fine GRAVEL, brick (dry)[FILL]	3	M-2	Macrocore	14		0	
	4		4					0	
	5		5					0	
	6	(0-5") Brownish red sandy fine GRAVEL, brick (dry)[FILL]	6	M-3A	Macrocore			0	
	7	(5-16") Black coarse SAND, some fine sand, coal, slag, coal ash (moist)[FILL]	7	M-3B	Macrocore			0	
	8	(16-29") Reddish brown to grayish brown SILT, some fine sand, some fine gravel (moist)[FILL]	8	M-3C	Macrocore	29		0	
	9	(0-3.5") Black to white fine SAND, some silt, coal ash (wet)[FILL]	9	M-4A	Macrocore	15		0	
	(3.5-15") Dark gray fine SAND, some fine gravel, rubber (moist)[FILL]						0	Sample LB01_6.0-8.0 collected at 1155.	
			10						

# LANGAN

Log of Boring

**LB-01**

Sheet

2

of

2

Project Greenpoint Landing Parcels H1 & H2	Project No. 170229024
Location Brooklyn, NY	Elevation and Datum NA

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/6in	
			10					
			11	M-4B	Macrocore	15		
		(0-28") Grayish tan fine SAND, trace silt (wet)[SP]	12				0	
			13	M-5	Macrocore	28		
			14				0	
			15				0	End of boring at 15 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
			16					
			17					
			18					
			19					
			20					
			21					
			22					
			22.5					

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Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/4/19		Date Finished 9/4/19		
Drilling Equipment Geoprobe 420M				Completion Depth 15 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 5	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin		
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA				

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)
	0	(0-8") Grayish brown coarse SAND, some fine sand, some fine gravel, trace silt (moist)[FILL]						0	
			M-1A					0	
	1	(8-15") Brown to black f-c SAND, some silt, brick, coal (moist)[FILL]						0	
			M-1B					0	
		(15-29") Black coarse SAND, some silt, some fine gravel, brick, coal (moist)[FILL]			29			0	
	2							0	Sample LB02_1.0-3.0 collected at 1215.
			M-1C					0	
	3	(0-20") Tan fine SAND, some coarse sand, trace silt (moist)[FILL]						0	
	4		M-2A					0	
		(20-36") Gray to grayish black fine SAND, some coarse sand, some silt, brick, coal (moist)[FILL]			36			0	
5							0		
		M-2B					0		
6	(0-13") Grayish black to grayish brown f-c SAND, some silt, brick, coal (moist)[FILL]						0		
		M-3A					0.2		
7	(13-21") Gray coarse SAND, some fine gravel, coal ash (moist)[FILL]						0	Sample LB02_6.0-8.0 collected at 1220.	
		M-3B					0		
8	(21-29") Orangish tan to mottled orange fine SAND, trace silt (moist)[FILL]						0		
		M-3C					0		
9	(0-9") Tannish brown fine SAND, trace brick, trace silt (moist)[FILL]						0		
		M-4A					0		
	(9-23") Grayish black to light red fine SAND, some silt, brick,						0		
		M-4B					0		





Project		Project No.						
Greenpoint Landing Parcels H1 & H2		170229024						
Location		Elevation and Datum						
Brooklyn, NY		NA						
MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/6in	
	10	(0-19") Black sandy fine GRAVEL, brick, coal ash (wet)[FILL]	10				0	
	11		M-4	Macrocore	24		1.7	
	12						0	
	13	(19-29") Tannish gray to mottled orange fine SAND, trace silt (wet)[SP]	13	M-5A			0	
	14		M-5B			0		
	15	(29-36") Black sandy SILT, wood (wet)[ML]	15			36	13.7	Naphthalene-like odor (29-36") Sample LB03_14.5-15.0 collected at 1515.
	16		M-5C					
	17							
	18							
	19							End of boring at 17 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
	20							
	21							
	22							
	22.5							

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Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/4/19		Date Finished 9/4/19		
Drilling Equipment Geoprobe 420M				Completion Depth 15 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 5	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Josh Falk and Patrick Slavin				
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BU/in		PID Reading (ppm)
	0	(0-19") Brown to orangish brown coarse SAND, some fine gravel, trace fine sand, brick, coal (moist)[FILL]	0					0	
	1		1	M-1	Macrocore	19		0	
	2		2					0	Sample LB04_1.0-3.0 collected at 1540.
	3	(0-6") Light gray fine GRAVEL, some coarse sand (dry)[FILL]	3					0	
	4	(6-11") Light tan fine SAND, trace coarse sand, trace silt [FILL]	4	M-2A				0	
	5	(11-17") Dark brown to mottled orange coarse SAND, trace fine sand, trace fine gravel (moist)[FILL]	5	M-2B				8	
	6	(17-25") Brown to black coarse SAND, some fine sand, trace fine gravel, coal (moist)[FILL]	6	M-2C	Macrocore	25		0	
	7		7					0	Sample LB04_4.0-6.0 collected at 1545.
	8	(0-16") Tan to black coarse SAND, some fine gravel, trace fine sand, brick, coal (moist)[FILL]	8	M-2D				0	
	9		9	M-3	Macrocore	16		0	
10	(0-17") Black coarse SAND, some fine sand, brick, coal, coal ash (wet)[FILL]	10					0		
			10	M-4A	Macrocore	27		0	



Project		Project No.						
Greenpoint Landing Parcels H1 & H2		170229024						
Location		Elevation and Datum						
Brooklyn, NY		NA						
MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BL/ft	
		(17-27") Brown to tan fine SAND, trace silt (wet)[FILL]	10	M-4A	Macrocore	27		0
			11					0
		(0-7") Black coarse SAND, brick, coal (wet)[FILL]	12	M-4B	Macrocore	36		0
			13					0
		(7-36) Brown to tan fine SAND, trace silt (wet)[SP]	14	M-5A	Macrocore			0
			15					0
			16	M-5B				0
			17					
			18					
			19					
			20					
			21					
			22					
			22.5					

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 End of boring at 15 ft. bgs.  
 Borehole backfilled with bentonite chips and fill pro sand.

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/3/19		Date Finished 9/3/19		
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin		
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA				

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)
	0	(0-1") Black fine GRAVEL (dry)[ASPHALT] (1-9.5") Gray fine SAND, trace coarse sand (moist)[FILL]	0	M-1A	Macrocore	36		0	Sample LB05_2.0-4.0 and SODUP01_090319 collected at 0910.  Tar-like material (12-17")  Sample LB05_6.0-8.0 collected at 0910.  End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
				M-1B					
	1	(9.5-36) Black fine SAND, some silt, brick (moist)[FILL]	1						
					M-1C			0	
	3	(0-9.5") Black fine SAND, some silt, brick (moist)[FILL]	3		M-2A	Macrocore	36		
					M-2B				
	4	(9.5-21.5") Gray to black fine SAND, some silt, coal (moist)[FILL]	4						
					M-2C			0	
	5	(21.5-36") Tannish gray SILT, some fine sand (moist)[FILL]	5		M-3A	Macrocore	19		
					M-3B				
	6	(0-3.5") Tannish gray SILT, some fine sand (moist)[FILL] (3.5-9") Grayish white sandy fine GRAVEL (moist)[FILL]	6						
					M-3C			0	
7	(9-19") Grayish tan to black fine SAND, some silt, trace coarse sand, brick, slag (moist)[FILL]	7					0		
8			8				0		
			9						
			10						

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024			
Location Brooklyn, NY				Elevation and Datum NA			
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/3/19		Date Finished 9/3/19	
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin	
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)	
		(0-15.5") Gray coarse SAND, some fine gravel, trace fine sand, brick (moist)[FILL]	0					0		
		(15.5-36") Black coarse SAND, some silt, coal (moist)[FILL]	1	M-1A	Macrocore	36			0	
			2						0	Sample LB06_1.0-3.0 collected at 0950.
		(0-34") Tannish brown fine SAND, some fine gravel, trace silt, brick, coal (moist)[FILL]	3	M-1B					0	
			4						0	
			5						0	
		(0-10") Tannish brown fine SAND, some silt, trace fine gravel, brick (moist)[FILL]	6	M-2	Macrocore	34			0	
			7						0	
		(10-17") Tannish black coarse SAND, coal, coal ash (moist)[FILL]	7	M-3A	Macrocore	17			0	Sample LB06_6.0-8.0 collected at 0955.
			8	M-3B					0	End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
			9							
			10							

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024			
Location Brooklyn, NY				Elevation and Datum NA			
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/3/19		Date Finished 9/3/19	
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin	
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)
	0	(0-14") Tan fine SAND, some fine gravel, brick, coal (moist)[FILL]						0	
	1	(14-21") Tannish black to white coarse SAND, slag (moist)[FILL]	M-1A	Macrocore	21			1.5	
	2		M-1B	Macrocore					Sample LB07_1.0-3.0 collected at 1015.
	3	(0-17") Tannish brown fine SAND, some silt, brick (moist)[FILL]						0	
	4		M-2	Macrocore	17			0	
	5								
	6	(0-7") Grayish black GRAVEL [FILL]						0	Tar-like material (0-7")
	7	(7-23") Reddish tan to dark brown silty fine SAND, trace fine gravel, coal (moist)[FILL]	M-3A	Macrocore	32			0	Sample LB07_6.0-80 collected at 1020.
	8	(23-36") Light brown fine SAND, some silt, brick (moist)[FILL]	M-3B	Macrocore				0	
	9		M-3C	Macrocore				0	End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
			10						

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024			
Location Brooklyn, NY				Elevation and Datum NA			
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/3/19		Date Finished 9/3/19	
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin	
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)
	0	(0-12") Grayish brown to black coarse SAND, some fine gravel, trace silt, brick (moist)[FILL]	0					0	
	1	(12-17") Grayish white sandy GRAVEL (dry)[FILL]	1	M-1A	Macrocore	36		0	Sample LB08_0.0-2.0 collected at 1250.
		(17-36") Reddish brown to black silty fine SAND, coal, wood (moist)[FILL]		M-1B				0	
	2			M-1C			0		
	3	(0-22") Orangish tan to gray fine SAND, some silt, brick, coal (moist)[FILL]	3			22		0	Sample LB08_4.0-6.0 and SODUP02_090319 collected at 1255.
	4			M-2	Macrocore			0	
	5						0		
	6	(0-6") Brown to gray coarse SAND, some fine gravel, trace silt, brick (moist)[FILL]	6			23		0.30	End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
	7	(6-15") Red fine GRAVEL, some coarse sand, brick (moist)[COBBLES]	7	M-3A	Macrocore			0	
		(15-21") Light red fine GRAVEL, some coarse sand (moist)[COBBLES]		M-3B				0	
	8	(21-23") Black fine SAND, trace coarse sand, coal, slag (moist)[FILL]	8	M-3C				0	
				8	M-3D				
				9					
				10					

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/4/19		Date Finished 9/4/19		
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin		
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA				

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)
	0	(0-7") Gray fine SAND, some silt (moist)[FILL]	0					0	
	1	(7-14") Black fine SAND, some silt, brick (moist)[FILL]	1	M-1A	Macrocore	14		0	
	3	(0-36") Black to gray fine SAND, some silt, trace fine gravel, brick, coal, wood (moist)[FILL]	3	M-1B	Macrocore	36		0.1	Sample LB10_2.0-4.0 collected at 0810.
	4		4	M-2	Macrocore	36		0	
	5		5					0	
	6	(0-12") Black to gray silty SAND, trace fine gravel, brick, coal, wood (moist)[FILL]	6					0	
	7		7	M-3	Macrocore	12		0	Sample LB10_6.0-8.0 collected at 0815.
	8		8					0	End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
	9		9						
	10		10						

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/4/19		Date Finished 9/4/19		
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin		
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA				

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
				Number	Type	Recov. (in)	Penetr. resist. BLU/in	
		(0-7") Tannish gray fine SAND, some silt, trace coarse sand (moist)[FILL]	0					
		(7-31") Gray to black coarse SAND, trace silt, trace fine sand, brick (moist)[FILL]	1	M-1A	Macrocore	31		
			2					Sample LB11_1.0-3.0 collected at 0840.
		(0-17") Gray to black coarse SAND, trace silt, trace fine sand, brick (moist)[FILL]	3	M-1B	Macrocore	17		
			4					
			5					
		(0-13") Brownish black to mottled orange silty fine SAND, trace glass (moist)[FILL]	6					
			7	M-3	Macrocore	13		Sample LB11_6.0-8.0 collected at 0845.
			8					End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
			9					
		10						

Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024			
Location Brooklyn, NY				Elevation and Datum NA			
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/4/19		Date Finished 9/4/19	
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin	
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)		
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)	
X	0	(0-12") Dark brown SILT, some fine sand, some fine gravel (moist)[FILL]	0					0		
	1	(12-21") Orangish tan fine SAND, some silt, some fine gravel (moist)[FILL]	1	M-1A	Macrocore	26		0		
	2	(21-26") Reddish black fine SAND, some silt, slag (moist)[FILL]	2	M-1B				0		
	3	(0-12") Reddish brown to black fine SAND, some silt, slag (moist)[FILL]	3	M-1C				0	Sample LB12_2.0-4.0 collected at 0940.	
	4	(12-18") Brownish black coarse SAND, trace silt, coal, coal ash (moist)[FILL]	4	M-2A	Macrocore	22		0		
	5	(18-22") Brown fine SAND, trace silt, brick (moist)[FILL]	5	M-2B					0	
	6	(0-7") Brown fine SAND, trace silt, brick (moist)[FILL]	6	M-2C					0	
	7	(7-14.5") Reddish brown to black coarse SAND, trace silt, coal, coal ash, metal, glass (moist)[FILL]	7	M-3A	Macrocore	20		0		
	8	(14.5-20") Tan SILT, some fine sand, glass (moist)[FILL]	8	M-3B					0	Sample LB12_6.0-8.0 collected at 0945.
	9		9	M-3C					0	
				10						End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.





Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/4/19		Date Finished 9/4/19		
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Drilling Foreman Josh Falk and Patrick Slavin		
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA				

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)			
				Number	Type	Recov. (in)	Penetr. resist. BLU/in		PID Reading (ppm)		
X		(0-5") Grayish white sandy fine GRAVEL (dry)[FILL]	0					0			
		(5-14") Dark orangish orange silty coarse SAND, brick, coal (moist)[FILL]		M-1A					0		
		(14-28") Dark orangish brown silty coarse SAND, coal (moist)[FILL]	1	M-1B	Macrocore 28				0		
									0		
									0		
			(0-17") Dark orangish brown fine SAND, some silt, trace fine gravel, coal (moist)[FILL]	2	M-1C					0	Sample LB14_1.0-3.0 collected at 1330.
			(17-32") Dark orangish brown fine SAND, some silt, trace fine gravel, coal (moist)[FILL]	3		Macrocore 32				0	
				4	M-2A					3.3	
				5	M-2B					0	Sample LB14_4.0-6.0 collected at 1335.
			(0-10") Dark orangish brown fine SAND, some silt, trace fine gravel, coal (moist)[FILL]	6						0	
			(10-18") Black SAND, trace fine sand, coal, coal ash [FILL]	7	M-3A	Macrocore 24				0	
										0	
		(18-24") Orangish brown fine SAND, trace silt (moist)[FILL]	8	M-3B						0	
			9	M-3C							
			10							End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.	



Project Greenpoint Landing Parcels H1 & H2				Project No. 170229024				
Location Brooklyn, NY				Elevation and Datum NA				
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 9/3/19		Date Finished 9/3/19		
Drilling Equipment Geoprobe 420M				Completion Depth 8 ft		Rock Depth NA		
Size and Type of Bit 2-inch Direct Push				Number of Samples		Disturbed 3	Undisturbed 0	Core 0
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First NA		Completion NA	24 HR. NA	
Casing Hammer NA		Weight (lbs) NA	Drop (in) NA	Drilling Foreman Josh Falk and Patrick Slavin				
Sampler 2-inch-diameter Macrocore				Field Engineer Deirdre Casey				
Sampler Hammer NA		Weight (lbs) NA	Drop (in) NA					

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MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BU/in		PID Reading (ppm)
		(0-15") Brown to gray fine SAND, brick, wood (moist)[FILL]	0					0	
		(15-21") White fine GRAVEL (dry)[COBBLES]	1	M-1A	Macrocore	27		0	
		(21-28") Reddish tan to black fine SAND, some silt, coal (moist)[FILL]	2	M-1B	Macrocore			0	
		(0-32") Light brown to gray fine SAND, some silt, some fine gravel (moist)[FILL]	3	M-1C	Macrocore			0	Sample LB09_1.0-3.0 collected at 1430.
		(0-12") Red to brown fine GRAVEL, some fine sand, brick (moist)[FILL]	6	M-2	Macrocore	18		0	
		(12-24") Dark brown to black fine SAND, trace silt, coal ash (moist)[FILL]	7	M-3A	Macrocore			0	Sample LB09_6.0-8.0 collected at 1435.
			8	M-3B	Macrocore		0		
			9						End of boring at 8 ft. bgs. Borehole backfilled with bentonite chips and fill pro sand.
			10						



## ANALYTICAL REPORT

Lab Number:	L1940080
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Julia Leung
Phone:	(212) 479-5400
Project Name:	GPL PARCELS H1&H2
Project Number:	170229023
Report Date:	10/08/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1940080-01	SODUP01_090319	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 00:00	09/03/19
L1940080-02	SODUP02_090319	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 00:00	09/03/19
L1940080-03	SO FB01_090319	WATER	47 COMMERCIAL ST., BROOKLYN	09/03/19 00:00	09/03/19
L1940080-04	LB01_0.5-2.5	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 11:50	09/03/19
L1940080-05	LB01_6.0-8.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 11:55	09/03/19
L1940080-06	LB05_2.0-4.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 09:10	09/03/19
L1940080-07	LB05_6.0-8.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 09:15	09/03/19
L1940080-08	LB06_1.0-3.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 09:50	09/03/19
L1940080-09	LB06_6.0-8.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 09:55	09/03/19
L1940080-10	LB07_1.0-3.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 10:15	09/03/19
L1940080-11	LB07_6.0-8.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 10:20	09/03/19
L1940080-12	LB08_0.0-2.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 12:50	09/03/19
L1940080-13	LB08_4.0-6.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 12:55	09/03/19
L1940080-14	LB09_1.0-3.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 14:30	09/03/19
L1940080-15	LB09_6.0-8.0	SOIL	47 COMMERCIAL ST., BROOKLYN	09/03/19 14:35	09/03/19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

### Case Narrative (continued)

#### Report Submission

October 08, 2019: This final report includes the results of all requested analyses.

September 15, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Sample Receipt

At the client's request, the analyses of PCBs, Pesticides, Herbicides, and TCLP Metals were not performed on any soil samples.

L1940080-03: At the client's request, the analysis of TCLP Metals was not performed.

#### Volatile Organics

L1940080-04 and -15: The Low Level vial utilized for the Matrix Spike was frozen at the laboratory beyond the required 48 hour holding time.

L1940080-08: The internal standard (IS) responses for chlorobenzene-d5 (47%) and 1,4-dichlorobenzene-d4 (29%) were outside the acceptance criteria; however, re-analysis achieved a similar result: 1,4-dichlorobenzene-d4 (44%) and a high surrogate recovery for 4-bromofluorobenzene (133%). The results of both analyses are reported.

L1940080-15: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (24%), and the surrogate recovery for 4-bromofluorobenzene (137%) were outside the acceptance criteria; however, the IS failure was confirmed in the WG1282838-9 MSD: 1,4-dichlorobenzene-d4 (36%).

#### Semivolatile Organics

The WG1282210-2/-3 LCS/LCSD recoveries, associated with L1940080-01, -02, and -04 through -15, are below the acceptance criteria for hexachlorocyclopentadiene (5%/4%) and 4,6-dinitro-o-cresol (6%/5%); however, they have been identified as "difficult" analytes. The results of the associated samples are reported.



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

### Case Narrative (continued)

The WG1282406-2/-3 LCS/LCSD recoveries, associated with L1940080-03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG1282210-4/-5 MS/MSD recoveries, performed on L1940080-04, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%), hexachlorocyclopentadiene (MSD 0%), 2,4-dinitrophenol (0%/0%), and benzoic acid (MS 0%) due to the concentrations of these compounds falling below the reported detection limits. The WG1282210-4 MS recovery, performed on L1940080-04, is outside the acceptance criteria for benzo(k)fluoranthene (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

The WG1282210-6/-7 MS/MSD recoveries, performed on L1940080-15, are outside the acceptance criteria for fluoranthene (0%/0%), benzo(a)anthracene (0%/0%), benzo(a)pyrene (MS 0%), benzo(b)fluoranthene (0%/0%), benzo(k)fluoranthene (0%/0%), chrysene (0%/0%), phenanthrene (0%/0%), and pyrene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

The WG1282210-6/-7 MS/MSD recoveries, performed on L1940080-15, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%), 4,6-dinitro-o-cresol (0%/0%), and benzoic acid (0%/0%), due to the concentrations of these compounds falling below the reported detection limits.

#### Total Metals

L1940080-01, -02, and -04 through -15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1282355-3/-4 MS/MSD recoveries for aluminum (305%/658%), copper (15%/229%), iron (2490%/16000%), lead (0%/131%), and zinc (45%/197%), performed on L1940080-04, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1282355-3/-4 MS/MSD recoveries, performed on L1940080-04, are outside the acceptance criteria for arsenic (MSD 136%), cadmium (74%/71%), and calcium (MSD 168%). A post digestion spike was performed and was within acceptance criteria.

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

### Case Narrative (continued)

The WG1282355-4 MSD recovery, performed on L1940080-04, is outside the acceptance criteria for manganese (326%). A post digestion spike was performed and yielded an unacceptable recovery of 76%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1282355-3/-4 MS/MSD RPDs for calcium (32%), copper (33%), iron (37%), lead (24%), manganese (41%), and zinc (28%), performed on L1940080-04, are above the acceptance criteria.


The WG1282355-7/-8 MS/MSD recoveries for aluminum (0%/408%), calcium (0%/0%), iron (940%/4080%), magnesium (47%/0%), and manganese (28%/72%), performed on L1940080-15, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1282355-7/-8 MS/MSD recoveries, performed on L1940080-15, are outside the acceptance criteria for arsenic (MSD 132%), chromium (MSD 74%), copper (MSD 72%), and lead (189%/139%). A post digestion spike was performed and was within acceptance criteria.

The WG1282546-3/-4 MS/MSD recoveries, performed on L1940080-04, are outside the acceptance criteria for mercury (0%/0%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD for mercury (84%) is above the acceptance criteria.

The WG1282546-5 MS recovery, performed on L1940080-15, is outside the acceptance criteria for mercury (307%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD for mercury (66%) is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 10/08/19

# ORGANICS

# VOLATILES

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-01  
**Client ID:** SODUP01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 09/11/19 10:59  
**Analyst:** MV  
**Percent Solids:** 99%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.17	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	2.0		ug/kg	0.51	0.17	1
Toluene	0.96	J	ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-01  
 Client ID: SODUP01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	86		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-01  
**Client ID:** SODUP01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-02  
 Client ID: SODUP02\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 22:30  
 Analyst: NLK  
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.22	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-02  
 Client ID: SODUP02\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	56		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-02  
**Client ID:** SODUP02\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	107		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-03  
 Client ID: SO FB01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 12:10  
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-03  
 Client ID: SO FB01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-03  
**Client ID:** SO FB01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	101		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-04  
 Client ID: LB01\_0.5-2.5  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 11:51  
 Analyst: JC  
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	0.21	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-04  
 Client ID: LB01\_0.5-2.5  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	62		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-04  
**Client ID:** LB01\_0.5-2.5  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 11:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	105		70-130



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-05  
 Client ID: LB01\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 23:09  
 Analyst: NLK  
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	0.27	J	ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	0.68	J	ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-05  
 Client ID: LB01\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	40		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.19	1
Bromobenzene	ND		ug/kg	3.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.17	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-05  
**Client ID:** LB01\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 11:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	105		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-06  
 Client ID: LB05\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:10  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 12:44  
 Analyst: JC  
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.20	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	0.25	J	ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-06  
 Client ID: LB05\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:10  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	65		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	7.5	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-06  
**Client ID:** LB05\_2.0-4.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:10  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	110		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-07  
 Client ID: LB05\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 13:10  
 Analyst: JC  
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.19	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.30	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-07  
 Client ID: LB05\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.78	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.87	1
o-Xylene	ND		ug/kg	1.6	0.45	1
Xylenes, Total	ND		ug/kg	1.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.30	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	180		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	13	J	ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-07  
**Client ID:** LB05\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:15  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	55.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.28	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-08  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 13:36  
 Analyst: JC  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	0.24	J	ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-08  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	74		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	1.3	J	ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-08  
**Client ID:** LB06\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	1.4	J	ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	1.1	J	ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	0.44	J	ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	0.31	J	ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	111		70-130

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-08 R  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 23:48  
 Analyst: NLK  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.4	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	0.23	J	ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.22	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-08 R  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	66		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	5.2	J	ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-08 R  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	133	Q	70-130
Dibromofluoromethane	106		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-09  
**Client ID:** LB06\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 09/11/19 14:02  
**Analyst:** AD  
**Percent Solids:** 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	8.1	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	0.24	J	ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.81	0.32	1
Chlorobenzene	ND		ug/kg	0.81	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	0.27	1
Bromodichloromethane	ND		ug/kg	0.81	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.81	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.81	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.81	0.26	1
Bromoform	ND		ug/kg	6.4	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.81	0.27	1
Benzene	ND		ug/kg	0.81	0.27	1
Toluene	ND		ug/kg	1.6	0.88	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.94	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.73	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-09  
 Client ID: LB06\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.81	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.90	1
o-Xylene	ND		ug/kg	1.6	0.47	1
Xylenes, Total	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	41		ug/kg	16	7.8	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.6	1
Vinyl acetate	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.81	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.31	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-09  
**Client ID:** LB06\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
1,4-Dioxane	ND		ug/kg	130	57.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.62	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.31	1
Ethyl ether	ND		ug/kg	3.2	0.55	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.1	2.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-10  
 Client ID: LB07\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/12/19 00:28  
 Analyst: NLK  
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	0.16	J	ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-10  
 Client ID: LB07\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	45		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-10  
**Client ID:** LB07\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 10:15  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	109		70-130

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-11  
 Client ID: LB07\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:20  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/12/19 01:07  
 Analyst: NLK  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.20	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-11  
 Client ID: LB07\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:20  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	47		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-11  
**Client ID:** LB07\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 10:20  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	103		70-130



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-12  
**Client ID:** LB08\_0.0-2.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8260C  
**Analytical Date:** 09/12/19 01:47  
**Analyst:** NLK  
**Percent Solids:** 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	0.18	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-12  
 Client ID: LB08\_0.0-2.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	62		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	5.9	J	ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-12  
**Client ID:** LB08\_0.0-2.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	104		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-13  
 Client ID: LB08\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/12/19 02:27  
 Analyst: NLK  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.23	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-13  
**Client ID:** LB08\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	36		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-13  
**Client ID:** LB08\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	106		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-14  
 Client ID: LB09\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:30  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 16:12  
 Analyst: AD  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	0.23	J	ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-14  
 Client ID: LB09\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:30  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	58		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-14  
**Client ID:** LB09\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 14:30  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-15  
 Client ID: LB09\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:35  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 17:55  
 Analyst: PK  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	12	5.4	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.34	1
Chloroform	0.47	J	ug/kg	3.5	0.33	1
Carbon tetrachloride	ND		ug/kg	2.4	0.54	1
1,2-Dichloropropane	ND		ug/kg	2.4	0.30	1
Dibromochloromethane	ND		ug/kg	2.4	0.33	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.63	1
Tetrachloroethene	ND		ug/kg	1.2	0.46	1
Chlorobenzene	ND		ug/kg	1.2	0.30	1
Trichlorofluoromethane	ND		ug/kg	9.4	1.6	1
1,2-Dichloroethane	ND		ug/kg	2.4	0.61	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.39	1
Bromodichloromethane	ND		ug/kg	1.2	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	2.4	0.64	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.37	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.37	1
1,1-Dichloropropene	ND		ug/kg	1.2	0.38	1
Bromoform	ND		ug/kg	9.4	0.58	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Benzene	ND		ug/kg	1.2	0.39	1
Toluene	ND		ug/kg	2.4	1.3	1
Ethylbenzene	ND		ug/kg	2.4	0.33	1
Chloromethane	ND		ug/kg	9.4	2.2	1
Bromomethane	ND		ug/kg	4.7	1.4	1
Vinyl chloride	ND		ug/kg	2.4	0.79	1
Chloroethane	ND		ug/kg	4.7	1.1	1
1,1-Dichloroethene	ND		ug/kg	2.4	0.56	1
trans-1,2-Dichloroethene	ND		ug/kg	3.5	0.32	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-15  
 Client ID: LB09\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:35  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.32	1
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.34	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.35	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.40	1
Methyl tert butyl ether	ND		ug/kg	4.7	0.48	1
p/m-Xylene	ND		ug/kg	4.7	1.3	1
o-Xylene	ND		ug/kg	2.4	0.69	1
Xylenes, Total	ND		ug/kg	2.4	0.69	1
cis-1,2-Dichloroethene	ND		ug/kg	2.4	0.41	1
1,2-Dichloroethene, Total	ND		ug/kg	2.4	0.32	1
Dibromomethane	ND		ug/kg	4.7	0.56	1
Styrene	ND		ug/kg	2.4	0.46	1
Dichlorodifluoromethane	ND		ug/kg	24	2.2	1
Acetone	110		ug/kg	24	11.	1
Carbon disulfide	ND		ug/kg	24	11.	1
2-Butanone	ND		ug/kg	24	5.2	1
Vinyl acetate	ND		ug/kg	24	5.1	1
4-Methyl-2-pentanone	ND		ug/kg	24	3.0	1
1,2,3-Trichloropropane	ND		ug/kg	4.7	0.30	1
2-Hexanone	ND		ug/kg	24	2.8	1
Bromochloromethane	ND		ug/kg	4.7	0.48	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.48	1
1,2-Dibromoethane	ND		ug/kg	2.4	0.66	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.39	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.31	1
Bromobenzene	ND		ug/kg	4.7	0.34	1
n-Butylbenzene	ND		ug/kg	2.4	0.39	1
sec-Butylbenzene	ND		ug/kg	2.4	0.34	1
tert-Butylbenzene	ND		ug/kg	4.7	0.28	1
o-Chlorotoluene	ND		ug/kg	4.7	0.45	1
p-Chlorotoluene	ND		ug/kg	4.7	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	2.4	1
Hexachlorobutadiene	ND		ug/kg	9.4	0.40	1
Isopropylbenzene	ND		ug/kg	2.4	0.26	1
p-Isopropyltoluene	ND		ug/kg	2.4	0.26	1
Naphthalene	ND		ug/kg	9.4	1.5	1
Acrylonitrile	ND		ug/kg	9.4	2.7	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-15  
**Client ID:** LB09\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 14:35  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.4	0.40	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.76	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.64	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.46	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	0.79	1
1,4-Dioxane	ND		ug/kg	190	83.	1
p-Diethylbenzene	ND		ug/kg	4.7	0.42	1
p-Ethyltoluene	ND		ug/kg	4.7	0.91	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.7	0.45	1
Ethyl ether	ND		ug/kg	4.7	0.81	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	137	Q	70-130
Dibromofluoromethane	109		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 09:40  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06-09,14-15 Batch: WG1282838-5					
Methylene chloride	2.7	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.26	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 09:40  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06-09,14-15 Batch: WG1282838-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 09:40  
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,06-09,14-15 Batch: WG1282838-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	99		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 11:45  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1282892-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 11:45  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1282892-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 11:45  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1282892-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	100		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 19:14  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05,08,10-13 Batch: WG1283178-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.23	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 19:14  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05,08,10-13 Batch: WG1283178-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 19:14  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05,08,10-13 Batch: WG1283178-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 Batch: WG1282838-3 WG1282838-4								
Methylene chloride	87		83		70-130	5		30
1,1-Dichloroethane	97		91		70-130	6		30
Chloroform	103		97		70-130	6		30
Carbon tetrachloride	105		94		70-130	11		30
1,2-Dichloropropane	102		98		70-130	4		30
Dibromochloromethane	98		96		70-130	2		30
1,1,2-Trichloroethane	96		96		70-130	0		30
Tetrachloroethene	95		84		70-130	12		30
Chlorobenzene	93		86		70-130	8		30
Trichlorofluoromethane	110		98		70-139	12		30
1,2-Dichloroethane	111		110		70-130	1		30
1,1,1-Trichloroethane	103		91		70-130	12		30
Bromodichloromethane	98		97		70-130	1		30
trans-1,3-Dichloropropene	93		93		70-130	0		30
cis-1,3-Dichloropropene	95		93		70-130	2		30
1,1-Dichloropropene	94		86		70-130	9		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	90		93		70-130	3		30
Benzene	92		86		70-130	7		30
Toluene	95		85		70-130	11		30
Ethylbenzene	94		87		70-130	8		30
Chloromethane	118		107		52-130	10		30
Bromomethane	71		68		57-147	4		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 Batch: WG1282838-3 WG1282838-4								
Vinyl chloride	83		77		67-130	8		30
Chloroethane	74		71		50-151	4		30
1,1-Dichloroethene	79		71		65-135	11		30
trans-1,2-Dichloroethene	85		79		70-130	7		30
Trichloroethene	97		88		70-130	10		30
1,2-Dichlorobenzene	94		89		70-130	5		30
1,3-Dichlorobenzene	95		88		70-130	8		30
1,4-Dichlorobenzene	94		90		70-130	4		30
Methyl tert butyl ether	91		92		66-130	1		30
p/m-Xylene	94		86		70-130	9		30
o-Xylene	93		86		70-130	8		30
cis-1,2-Dichloroethene	93		86		70-130	8		30
Dibromomethane	104		108		70-130	4		30
Styrene	93		88		70-130	6		30
Dichlorodifluoromethane	129		116		30-146	11		30
Acetone	100		111		54-140	10		30
Carbon disulfide	76		68		59-130	11		30
2-Butanone	100		110		70-130	10		30
Vinyl acetate	96		100		70-130	4		30
4-Methyl-2-pentanone	96		96		70-130	0		30
1,2,3-Trichloropropane	97		100		68-130	3		30
2-Hexanone	86		88		70-130	2		30
Bromochloromethane	98		98		70-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 Batch: WG1282838-3 WG1282838-4								
2,2-Dichloropropane	96		87		70-130	10		30
1,2-Dibromoethane	94		96		70-130	2		30
1,3-Dichloropropane	95		95		69-130	0		30
1,1,1,2-Tetrachloroethane	94		91		70-130	3		30
Bromobenzene	93		86		70-130	8		30
n-Butylbenzene	94		84		70-130	11		30
sec-Butylbenzene	91		80		70-130	13		30
tert-Butylbenzene	90		79		70-130	13		30
o-Chlorotoluene	91		82		70-130	10		30
p-Chlorotoluene	90		83		70-130	8		30
1,2-Dibromo-3-chloropropane	96		97		68-130	1		30
Hexachlorobutadiene	91		80		67-130	13		30
Isopropylbenzene	88		78		70-130	12		30
p-Isopropyltoluene	90		80		70-130	12		30
Naphthalene	89		88		70-130	1		30
Acrylonitrile	100		109		70-130	9		30
n-Propylbenzene	91		81		70-130	12		30
1,2,3-Trichlorobenzene	95		92		70-130	3		30
1,2,4-Trichlorobenzene	93		89		70-130	4		30
1,3,5-Trimethylbenzene	90		82		70-130	9		30
1,2,4-Trimethylbenzene	90		83		70-130	8		30
1,4-Dioxane	98		100		65-136	2		30
p-Diethylbenzene	84		75		70-130	11		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 Batch: WG1282838-3 WG1282838-4								
p-Ethyltoluene	84		75		70-130	11		30
1,2,4,5-Tetramethylbenzene	83		76		70-130	9		30
Ethyl ether	67		68		67-130	1		30
trans-1,4-Dichloro-2-butene	97		98		70-130	1		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	107		110		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	88		86		70-130
Dibromofluoromethane	99		99		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282892-3 WG1282892-4								
Methylene chloride	99		95		70-130	4		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	99		97		63-132	2		20
1,2-Dichloropropane	100		98		70-130	2		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	100		95		70-130	5		20
Tetrachloroethene	93		92		70-130	1		20
Chlorobenzene	90		90		75-130	0		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	97		94		70-130	3		20
1,1,1-Trichloroethane	97		92		67-130	5		20
Bromodichloromethane	98		97		67-130	1		20
trans-1,3-Dichloropropene	91		87		70-130	4		20
cis-1,3-Dichloropropene	90		87		70-130	3		20
1,1-Dichloropropene	94		92		70-130	2		20
Bromoform	98		94		54-136	4		20
1,1,2,2-Tetrachloroethane	97		92		67-130	5		20
Benzene	110		100		70-130	10		20
Toluene	92		91		70-130	1		20
Ethylbenzene	92		92		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	52		45		39-139	14		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282892-3 WG1282892-4								
Vinyl chloride	93		91		55-140	2		20
Chloroethane	92		88		55-138	4		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	92		90		70-130	2		20
1,3-Dichlorobenzene	94		93		70-130	1		20
1,4-Dichlorobenzene	93		90		70-130	3		20
Methyl tert butyl ether	87		81		63-130	7		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	99		97		70-130	2		20
Dibromomethane	92		90		70-130	2		20
1,2,3-Trichloropropane	90		86		64-130	5		20
Acrylonitrile	110		100		70-130	10		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	130		130		36-147	0		20
Acetone	110		120		58-148	9		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	120		110		63-138	9		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	90		84		59-130	7		20
2-Hexanone	84		78		57-130	7		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282892-3 WG1282892-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	90		81		63-133	11		20
1,2-Dibromoethane	92		86		70-130	7		20
1,3-Dichloropropane	95		90		70-130	5		20
1,1,1,2-Tetrachloroethane	96		95		64-130	1		20
Bromobenzene	89		87		70-130	2		20
n-Butylbenzene	95		94		53-136	1		20
sec-Butylbenzene	92		94		70-130	2		20
tert-Butylbenzene	86		85		70-130	1		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	89		88		70-130	1		20
1,2-Dibromo-3-chloropropane	89		81		41-144	9		20
Hexachlorobutadiene	98		98		63-130	0		20
Isopropylbenzene	86		84		70-130	2		20
p-Isopropyltoluene	86		85		70-130	1		20
Naphthalene	83		78		70-130	6		20
n-Propylbenzene	90		89		69-130	1		20
1,2,3-Trichlorobenzene	91		86		70-130	6		20
1,2,4-Trichlorobenzene	87		86		70-130	1		20
1,3,5-Trimethylbenzene	87		86		64-130	1		20
1,2,4-Trimethylbenzene	86		85		70-130	1		20
1,4-Dioxane	110		102		56-162	8		20
p-Diethylbenzene	85		82		70-130	4		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282892-3 WG1282892-4								
p-Ethyltoluene	87		86		70-130	1		20
1,2,4,5-Tetramethylbenzene	79		77		70-130	3		20
Ethyl ether	96		93		59-134	3		20
trans-1,4-Dichloro-2-butene	94		87		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		100		70-130
Toluene-d8	91		92		70-130
4-Bromofluorobenzene	83		83		70-130
Dibromofluoromethane	96		96		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05,08,10-13 Batch: WG1283178-3 WG1283178-4								
Methylene chloride	116		116		70-130	0		30
1,1-Dichloroethane	127		126		70-130	1		30
Chloroform	116		116		70-130	0		30
Carbon tetrachloride	115		115		70-130	0		30
1,2-Dichloropropane	125		124		70-130	1		30
Dibromochloromethane	96		97		70-130	1		30
1,1,2-Trichloroethane	107		106		70-130	1		30
Tetrachloroethene	96		92		70-130	4		30
Chlorobenzene	101		99		70-130	2		30
Trichlorofluoromethane	123		124		70-139	1		30
1,2-Dichloroethane	120		119		70-130	1		30
1,1,1-Trichloroethane	116		115		70-130	1		30
Bromodichloromethane	112		113		70-130	1		30
trans-1,3-Dichloropropene	108		108		70-130	0		30
cis-1,3-Dichloropropene	116		117		70-130	1		30
1,1-Dichloropropene	125		124		70-130	1		30
Bromoform	87		90		70-130	3		30
1,1,1,2-Tetrachloroethane	104		104		70-130	0		30
Benzene	119		117		70-130	2		30
Toluene	107		105		70-130	2		30
Ethylbenzene	111		109		70-130	2		30
Chloromethane	136	Q	138	Q	52-130	1		30
Bromomethane	109		112		57-147	3		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05,08,10-13 Batch: WG1283178-3 WG1283178-4								
Vinyl chloride	135	Q	137	Q	67-130	1		30
Chloroethane	136		134		50-151	1		30
1,1-Dichloroethene	119		120		65-135	1		30
trans-1,2-Dichloroethene	117		117		70-130	0		30
Trichloroethene	115		114		70-130	1		30
1,2-Dichlorobenzene	97		96		70-130	1		30
1,3-Dichlorobenzene	99		99		70-130	0		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	111		112		66-130	1		30
p/m-Xylene	106		104		70-130	2		30
o-Xylene	104		102		70-130	2		30
cis-1,2-Dichloroethene	115		113		70-130	2		30
Dibromomethane	114		113		70-130	1		30
Styrene	107		107		70-130	0		30
Dichlorodifluoromethane	154	Q	151	Q	30-146	2		30
Acetone	135		135		54-140	0		30
Carbon disulfide	121		119		59-130	2		30
2-Butanone	128		128		70-130	0		30
Vinyl acetate	129		130		70-130	1		30
4-Methyl-2-pentanone	114		113		70-130	1		30
1,2,3-Trichloropropane	107		105		68-130	2		30
2-Hexanone	117		118		70-130	1		30
Bromochloromethane	108		106		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05,08,10-13 Batch: WG1283178-3 WG1283178-4								
2,2-Dichloropropane	119		119		70-130	0		30
1,2-Dibromoethane	101		100		70-130	1		30
1,3-Dichloropropane	107		106		69-130	1		30
1,1,1,2-Tetrachloroethane	99		98		70-130	1		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	108		106		70-130	2		30
sec-Butylbenzene	108		106		70-130	2		30
tert-Butylbenzene	103		103		70-130	0		30
o-Chlorotoluene	107		106		70-130	1		30
p-Chlorotoluene	108		107		70-130	1		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30
Hexachlorobutadiene	92		91		67-130	1		30
Isopropylbenzene	106		105		70-130	1		30
p-Isopropyltoluene	104		103		70-130	1		30
Naphthalene	102		102		70-130	0		30
Acrylonitrile	129		128		70-130	1		30
n-Propylbenzene	110		109		70-130	1		30
1,2,3-Trichlorobenzene	95		94		70-130	1		30
1,2,4-Trichlorobenzene	98		96		70-130	2		30
1,3,5-Trimethylbenzene	106		105		70-130	1		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
1,4-Dioxane	110		106		65-136	4		30
p-Diethylbenzene	100		98		70-130	2		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05,08,10-13 Batch: WG1283178-3 WG1283178-4								
p-Ethyltoluene	101		100		70-130	1		30
1,2,4,5-Tetramethylbenzene	98		97		70-130	1		30
Ethyl ether	115		116		67-130	1		30
trans-1,4-Dichloro-2-butene	111		113		70-130	2		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	99		99		70-130

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-6 WG1282838-7 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
Methylene chloride	ND	104	84	80		90	92		70-130	7		30
1,1-Dichloroethane	ND	104	110	102		110	114		70-130	6		30
Chloroform	0.21J	104	100	99		110	112		70-130	7		30
Carbon tetrachloride	ND	104	120	115		130	133	Q	70-130	9		30
1,2-Dichloropropane	ND	104	100	100		110	114		70-130	7		30
Dibromochloromethane	ND	104	98	94		110	106		70-130	6		30
1,1,2-Trichloroethane	ND	104	95	91		100	101		70-130	5		30
Tetrachloroethene	ND	104	76	73		94	95		70-130	21		30
Chlorobenzene	ND	104	68	66	Q	83	84		70-130	19		30
Trichlorofluoromethane	ND	104	130	124		150	148	Q	70-139	12		30
1,2-Dichloroethane	ND	104	120	117		120	125		70-130	1		30
1,1,1-Trichloroethane	ND	104	120	111		130	127		70-130	7		30
Bromodichloromethane	ND	104	110	102		110	114		70-130	5		30
trans-1,3-Dichloropropene	ND	104	84	80		94	95		70-130	12		30
cis-1,3-Dichloropropene	ND	104	91	87		100	102		70-130	10		30
1,1-Dichloropropene	ND	104	93	89		110	110		70-130	16		30
Bromoform	ND	104	92	88		97	99		70-130	6		30
1,1,2,2-Tetrachloroethane	ND	104	84	80		88	89		70-130	5		30
Benzene	ND	104	88	84		98	99		70-130	10		30
Toluene	ND	104	78	74		90	91		70-130	15		30
Ethylbenzene	ND	104	72	69	Q	88	89		70-130	20		30
Chloromethane	ND	104	130	122		150	148	Q	52-130	14		30
Bromomethane	ND	104	69	66		88	89		57-147	23		30

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-6 WG1282838-7 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
Vinyl chloride	ND	104	88	85		110	114		67-130	24		30
Chloroethane	ND	104	74	71		92	93		50-151	21		30
1,1-Dichloroethene	ND	104	85	82		96	97		65-135	11		30
trans-1,2-Dichloroethene	ND	104	82	78		96	98		70-130	16		30
Trichloroethene	ND	104	89	85		100	104		70-130	15		30
1,2-Dichlorobenzene	ND	104	59	56	Q	74	75		70-130	23		30
1,3-Dichlorobenzene	ND	104	54	51	Q	69	70		70-130	26		30
1,4-Dichlorobenzene	ND	104	52	49	Q	68	69	Q	70-130	27		30
Methyl tert butyl ether	ND	104	110	102		110	106		66-130	1		30
p/m-Xylene	ND	209	140	65	Q	170	84		70-130	19		30
o-Xylene	ND	209	140	67	Q	170	85		70-130	18		30
cis-1,2-Dichloroethene	ND	104	86	83		99	100		70-130	13		30
Dibromomethane	ND	104	100	100		110	110		70-130	5		30
Styrene	ND	209	120	59	Q	150	77		70-130	20		30
Dichlorodifluoromethane	ND	104	160	152	Q	180	179	Q	30-146	11		30
Acetone	62	104	200	133		120	57		54-140	52	Q	30
Carbon disulfide	ND	104	70	67		88	90		59-130	23		30
2-Butanone	ND	104	120	119		120	122		70-130	3		30
Vinyl acetate	ND	104	20	19	Q	24	24	Q	70-130	16		30
4-Methyl-2-pentanone	ND	104	100	100		100	103		70-130	2		30
1,2,3-Trichloropropane	ND	104	90	86		94	95		68-130	4		30
2-Hexanone	ND	104	97	93		97	98		70-130	1		30
Bromochloromethane	ND	104	97	92		100	102		70-130	5		30

## Matrix Spike Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-6 WG1282838-7 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
2,2-Dichloropropane	ND	104	110	102		120	119		70-130	10		30
1,2-Dibromoethane	ND	104	89	85		95	96		70-130	7		30
1,3-Dichloropropane	ND	104	91	88		97	98		69-130	6		30
1,1,1,2-Tetrachloroethane	ND	104	89	85		98	100		70-130	10		30
Bromobenzene	ND	104	62	60	Q	78	79		70-130	23		30
n-Butylbenzene	ND	104	48	46	Q	67	68	Q	70-130	32	Q	30
sec-Butylbenzene	ND	104	57	55	Q	75	76		70-130	27		30
tert-Butylbenzene	ND	104	63	60	Q	81	82		70-130	25		30
o-Chlorotoluene	ND	104	58	56	Q	75	76		70-130	26		30
p-Chlorotoluene	ND	104	53	51	Q	70	71		70-130	28		30
1,2-Dibromo-3-chloropropane	ND	104	96	92		100	102		68-130	5		30
Hexachlorobutadiene	ND	104	51	49	Q	68	69		67-130	29		30
Isopropylbenzene	ND	104	64	61	Q	80	81		70-130	23		30
p-Isopropyltoluene	ND	104	54	52	Q	72	73		70-130	28		30
Naphthalene	ND	104	52	50	Q	62	63	Q	70-130	17		30
Acrylonitrile	ND	104	110	105		110	107		70-130	4		30
n-Propylbenzene	ND	104	57	54	Q	75	76		70-130	27		30
1,2,3-Trichlorobenzene	ND	104	48	46	Q	63	64	Q	70-130	28		30
1,2,4-Trichlorobenzene	ND	104	46	44	Q	59	60	Q	70-130	26		30
1,3,5-Trimethylbenzene	ND	104	59	57	Q	76	77		70-130	25		30
1,2,4-Trimethylbenzene	ND	104	57	55	Q	74	75		70-130	26		30
1,4-Dioxane	ND	5220	5400	104		5900	120		65-136	9		30
p-Diethylbenzene	ND	104	46	44	Q	63	64	Q	70-130	31	Q	30

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-6 WG1282838-7 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
p-Ethyltoluene	ND	104	51	49	Q	67	68	Q	70-130	27		30
1,2,4,5-Tetramethylbenzene	ND	104	49	47	Q	66	67	Q	70-130	29		30
Ethyl ether	ND	104	71	68		74	75		67-130	5		30
trans-1,4-Dichloro-2-butene	ND	104	87	83		91	92		70-130	5		30

<b>Surrogate</b>	<b>MS % Recovery</b>	<b>Qualifier</b>	<b>MSD % Recovery</b>	<b>Qualifier</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	118		114		70-130
4-Bromofluorobenzene	86		88		70-130
Dibromofluoromethane	104		102		70-130
Toluene-d8	90		91		70-130

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-8 WG1282838-9 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0												
Methylene chloride	ND	174	120	71		180	70		70-130	37	Q	30
1,1-Dichloroethane	ND	174	180	104		260	99		70-130	34	Q	30
Chloroform	0.47J	174	170	99		240	92		70-130	31	Q	30
Carbon tetrachloride	ND	174	210	122		300	117		70-130	35	Q	30
1,2-Dichloropropane	ND	174	170	99		230	88		70-130	28		30
Dibromochloromethane	ND	174	150	85		200	76		70-130	28		30
1,1,2-Trichloroethane	ND	174	150	88		220	83		70-130	34	Q	30
Tetrachloroethene	ND	174	120	66	Q	160	62	Q	70-130	33	Q	30
Chlorobenzene	ND	174	82	47	Q	98	38	Q	70-130	17		30
Trichlorofluoromethane	ND	174	240	135		370	141	Q	70-139	43	Q	30
1,2-Dichloroethane	ND	174	160	91		200	78		70-130	24		30
1,1,1-Trichloroethane	ND	174	210	121		300	114		70-130	33	Q	30
Bromodichloromethane	ND	174	160	91		200	78		70-130	24		30
trans-1,3-Dichloropropene	ND	174	70	40	Q	82	32	Q	70-130	15		30
cis-1,3-Dichloropropene	ND	174	94	54	Q	110	41	Q	70-130	11		30
1,1-Dichloropropene	ND	174	120	71		180	71		70-130	38	Q	30
Bromoform	ND	174	160	94		320	122		70-130	63	Q	30
1,1,2,2-Tetrachloroethane	ND	174	160	89		310	121		70-130	67	Q	30
Benzene	ND	174	140	78		190	75		70-130	34	Q	30
Toluene	ND	174	120	67	Q	160	63	Q	70-130	32	Q	30
Ethylbenzene	ND	174	100	58	Q	120	45	Q	70-130	13		30
Chloromethane	ND	174	220	128		360	138	Q	52-130	46	Q	30
Bromomethane	ND	174	120	70		200	77		57-147	48	Q	30

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-8 WG1282838-9 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0												
Vinyl chloride	ND	174	150	86		260	101		67-130	53	Q	30
Chloroethane	ND	174	130	73		210	82		50-151	49	Q	30
1,1-Dichloroethene	ND	174	130	74		210	81		65-135	47	Q	30
trans-1,2-Dichloroethene	ND	174	100	57	Q	150	60	Q	70-130	43	Q	30
Trichloroethene	ND	174	120	66	Q	160	60	Q	70-130	29		30
1,2-Dichlorobenzene	ND	174	71	40	Q	98	38	Q	70-130	33	Q	30
1,3-Dichlorobenzene	ND	174	59	34	Q	81	31	Q	70-130	32	Q	30
1,4-Dichlorobenzene	ND	174	50	29	Q	66	26	Q	70-130	28		30
Methyl tert butyl ether	ND	174	190	109		290	112		66-130	41	Q	30
p/m-Xylene	ND	349	190	53	Q	210	40	Q	70-130	11		30
o-Xylene	ND	349	210	61	Q	250	49	Q	70-130	18		30
cis-1,2-Dichloroethene	ND	174	110	62	Q	160	60	Q	70-130	35	Q	30
Dibromomethane	ND	174	120	66	Q	140	56	Q	70-130	22		30
Styrene	ND	349	130	38	Q	140	28	Q	70-130	6		30
Dichlorodifluoromethane	ND	174	270	155	Q	450	174	Q	30-146	50	Q	30
Acetone	110	174	240	72		400	112		54-140	52	Q	30
Carbon disulfide	ND	174	92	52	Q	160	61		59-130	53	Q	30
2-Butanone	ND	174	210	121		310	121		70-130	39	Q	30
Vinyl acetate	ND	174	58	33	Q	74	29	Q	70-130	24		30
4-Methyl-2-pentanone	ND	174	190	108		290	113		70-130	43	Q	30
1,2,3-Trichloropropane	ND	174	170	97		340	133	Q	68-130	67	Q	30
2-Hexanone	ND	174	150	86		210	80		70-130	31	Q	30
Bromochloromethane	ND	174	130	72		170	66	Q	70-130	30		30

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-8 WG1282838-9 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0												
2,2-Dichloropropane	ND	174	200	112		290	112		70-130	39	Q	30
1,2-Dibromoethane	ND	174	99	57	Q	120	45	Q	70-130	16		30
1,3-Dichloropropane	ND	174	130	74		160	63	Q	69-130	23		30
1,1,1,2-Tetrachloroethane	ND	174	160	93		220	84		70-130	29		30
Bromobenzene	ND	174	79	45	Q	120	47	Q	70-130	42	Q	30
n-Butylbenzene	ND	174	47	27	Q	58	22	Q	70-130	20		30
sec-Butylbenzene	ND	174	91	52	Q	130	48	Q	70-130	31	Q	30
tert-Butylbenzene	ND	174	130	72		190	74		70-130	42	Q	30
o-Chlorotoluene	ND	174	94	54	Q	150	58	Q	70-130	46	Q	30
p-Chlorotoluene	ND	174	63	36	Q	91	35	Q	70-130	35	Q	30
1,2-Dibromo-3-chloropropane	ND	174	160	90		260	99		68-130	48	Q	30
Hexachlorobutadiene	ND	174	59	34	Q	62	24	Q	67-130	5		30
Isopropylbenzene	ND	174	120	68	Q	190	75		70-130	48	Q	30
p-Isopropyltoluene	ND	174	80	46	Q	96	37	Q	70-130	19		30
Naphthalene	ND	174	36	21	Q	52	20	Q	70-130	35	Q	30
Acrylonitrile	ND	174	170	99		260	100		70-130	40	Q	30
n-Propylbenzene	ND	174	82	47	Q	120	45	Q	70-130	36	Q	30
1,2,3-Trichlorobenzene	ND	174	35	20	Q	40	15	Q	70-130	13		30
1,2,4-Trichlorobenzene	ND	174	30	17	Q	34	13	Q	70-130	13		30
1,3,5-Trimethylbenzene	ND	174	100	59	Q	150	58	Q	70-130	37	Q	30
1,2,4-Trimethylbenzene	ND	174	89	51	Q	120	47	Q	70-130	31	Q	30
1,4-Dioxane	ND	8720	9800	112		15000	112		65-136	39	Q	30
p-Diethylbenzene	ND	174	51	29	Q	56	22	Q	70-130	10		30



## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,06-09,14-15 QC Batch ID: WG1282838-8 WG1282838-9 QC Sample: L1940080-15												
Client ID: LB09_6.0-8.0												
p-Ethyltoluene	ND	174	73	42	Q	98	38	Q	70-130	29		30
1,2,4,5-Tetramethylbenzene	ND	174	60	34	Q	66	25	Q	70-130	10		30
Ethyl ether	ND	174	120	70		180	68		67-130	36	Q	30
trans-1,4-Dichloro-2-butene	ND	174	78	45	Q	100	39	Q	70-130	25		30

<b>Surrogate</b>	<b>MS % Recovery</b>	<b>Qualifier</b>	<b>MSD % Recovery</b>	<b>Qualifier</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	116		119		70-130
4-Bromofluorobenzene	101		128		70-130
Dibromofluoromethane	103		105		70-130
Toluene-d8	96		104		70-130

# SEMIVOLATILES

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-01  
**Client ID:** SODUP01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 04:03  
**Analyst:** PS  
**Percent Solids:** 99%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	400		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.	1
Hexachlorobenzene	ND		ug/kg	99	18.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.	1
2-Chloronaphthalene	ND		ug/kg	160	16.	1
1,2-Dichlorobenzene	ND		ug/kg	160	30.	1
1,3-Dichlorobenzene	ND		ug/kg	160	28.	1
1,4-Dichlorobenzene	ND		ug/kg	160	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.	1
2,4-Dinitrotoluene	ND		ug/kg	160	33.	1
2,6-Dinitrotoluene	ND		ug/kg	160	28.	1
Fluoranthene	5800		ug/kg	99	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.	1
Hexachlorobutadiene	ND		ug/kg	160	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	470	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	21.	1
Naphthalene	510		ug/kg	160	20.	1
Nitrobenzene	ND		ug/kg	150	24.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.	1
Butyl benzyl phthalate	ND		ug/kg	160	42.	1
Di-n-butylphthalate	ND		ug/kg	160	31.	1
Di-n-octylphthalate	ND		ug/kg	160	56.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-01  
 Client ID: SODUP01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	160	15.	1
Dimethyl phthalate	ND		ug/kg	160	35.	1
Benzo(a)anthracene	2900		ug/kg	99	19.	1
Benzo(a)pyrene	2600		ug/kg	130	40.	1
Benzo(b)fluoranthene	3300		ug/kg	99	28.	1
Benzo(k)fluoranthene	1100		ug/kg	99	26.	1
Chrysene	2700		ug/kg	99	17.	1
Acenaphthylene	140		ug/kg	130	26.	1
Anthracene	1500		ug/kg	99	32.	1
Benzo(ghi)perylene	1500		ug/kg	130	19.	1
Fluorene	610		ug/kg	160	16.	1
Phenanthrene	3700		ug/kg	99	20.	1
Dibenzo(a,h)anthracene	370		ug/kg	99	19.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	130	23.	1
Pyrene	4900		ug/kg	99	16.	1
Biphenyl	120	J	ug/kg	380	38.	1
4-Chloroaniline	ND		ug/kg	160	30.	1
2-Nitroaniline	ND		ug/kg	160	32.	1
3-Nitroaniline	ND		ug/kg	160	31.	1
4-Nitroaniline	ND		ug/kg	160	68.	1
Dibenzofuran	430		ug/kg	160	16.	1
2-Methylnaphthalene	360		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.	1
Acetophenone	ND		ug/kg	160	20.	1
2,4,6-Trichlorophenol	ND		ug/kg	99	31.	1
p-Chloro-m-cresol	ND		ug/kg	160	25.	1
2-Chlorophenol	ND		ug/kg	160	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	160	55.	1
2-Nitrophenol	ND		ug/kg	360	62.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	790	77.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.	1
Pentachlorophenol	ND		ug/kg	130	36.	1
Phenol	ND		ug/kg	160	25.	1
2-Methylphenol	ND		ug/kg	160	26.	1
3-Methylphenol/4-Methylphenol	34	J	ug/kg	240	26.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-01  
**Client ID:** SODUP01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	160	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	160	51.	1
Carbazole	350		ug/kg	160	16.	1
1,4-Dioxane	ND		ug/kg	25	7.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	51		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-02  
 Client ID: SODUP02\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 04:30  
 Analyst: PS  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	370		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	6600		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	300		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-02  
 Client ID: SODUP02\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	4500		ug/kg	100	19.	1
Benzo(a)pyrene	4500		ug/kg	140	42.	1
Benzo(b)fluoranthene	5800		ug/kg	100	29.	1
Benzo(k)fluoranthene	1500		ug/kg	100	27.	1
Chrysene	3500		ug/kg	100	18.	1
Acenaphthylene	660		ug/kg	140	26.	1
Anthracene	1100		ug/kg	100	33.	1
Benzo(ghi)perylene	2400		ug/kg	140	20.	1
Fluorene	280		ug/kg	170	17.	1
Phenanthrene	3400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	570		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	140	24.	1
Pyrene	6400		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	180		ug/kg	170	16.	1
2-Methylnaphthalene	100	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	61	J	ug/kg	250	27.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-02  
**Client ID:** SODUP02\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	340		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	53		18-120



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-03  
 Client ID: SO FB01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 13:48  
 Analyst: RC

Extraction Method: EPA 3510C  
 Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-03  
**Client ID:** SO FB01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	46		41-149

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-03  
 Client ID: SO FB01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 09/11/19 16:16  
 Analyst: DV

Extraction Method: EPA 3510C  
 Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-03

Date Collected: 09/03/19 00:00

Client ID: SO FB01\_090319

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	75		41-149

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-04  
 Client ID: LB01\_0.5-2.5  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 04:56  
 Analyst: PS  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	360		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	11000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	250		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-04  
 Client ID: LB01\_0.5-2.5  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	6800		ug/kg	100	20.	1
Benzo(a)pyrene	7300	E	ug/kg	140	43.	1
Benzo(b)fluoranthene	10000	E	ug/kg	100	30.	1
Benzo(k)fluoranthene	2600		ug/kg	100	28.	1
Chrysene	6000		ug/kg	100	18.	1
Acenaphthylene	380		ug/kg	140	27.	1
Anthracene	1000		ug/kg	100	34.	1
Benzo(ghi)perylene	4500		ug/kg	140	21.	1
Fluorene	250		ug/kg	180	17.	1
Phenanthrene	5300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1200		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	4800		ug/kg	140	24.	1
Pyrene	11000	E	ug/kg	100	17.	1
Biphenyl	44	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	180		ug/kg	180	17.	1
2-Methylnaphthalene	86	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	67	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-04  
 Client ID: LB01\_0.5-2.5  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	640		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	40		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-04 D  
 Client ID: LB01\_0.5-2.5  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 15:27  
 Analyst: CB  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	20000		ug/kg	530	100	5
Benzo(a)pyrene	11000		ug/kg	700	210	5
Benzo(b)fluoranthene	16000		ug/kg	530	150	5
Pyrene	19000		ug/kg	530	87.	5



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-05  
**Client ID:** LB01\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 11:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 05:22  
**Analyst:** PS  
**Percent Solids:** 93%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	1800		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	61	J	ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	47	J	ug/kg	180	32.	1
1,3-Dichlorobenzene	53	J	ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	14000	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	2700		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-05  
 Client ID: LB01\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	8200	E	ug/kg	110	20.	1
Benzo(a)pyrene	7700	E	ug/kg	140	43.	1
Benzo(b)fluoranthene	10000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	1900		ug/kg	110	28.	1
Chrysene	6100		ug/kg	110	18.	1
Acenaphthylene	2000		ug/kg	140	27.	1
Anthracene	4800		ug/kg	110	35.	1
Benzo(ghi)perylene	4300		ug/kg	140	21.	1
Fluorene	2400		ug/kg	180	17.	1
Phenanthrene	13000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1100		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	4600		ug/kg	140	25.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	380	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	1800		ug/kg	180	17.	1
2-Methylnaphthalene	1200		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	140	J	ug/kg	180	27.	1
2-Methylphenol	58	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	200	J	ug/kg	260	28.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-05  
 Client ID: LB01\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	1600		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	58		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-05 D  
 Client ID: LB01\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 11:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 15:04  
 Analyst: CB  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	25000		ug/kg	530	100	5
Benzo(a)anthracene	12000		ug/kg	530	100	5
Benzo(a)pyrene	11000		ug/kg	710	220	5
Benzo(b)fluoranthene	13000		ug/kg	530	150	5
Phenanthrene	22000		ug/kg	530	110	5
Pyrene	23000		ug/kg	530	88.	5

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-06  
**Client ID:** LB05\_2.0-4.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:10  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 05:48  
**Analyst:** PS  
**Percent Solids:** 94%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	220		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	280		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-06  
 Client ID: LB05\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:10  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1600		ug/kg	100	20.	1
Benzo(a)pyrene	1300		ug/kg	140	43.	1
Benzo(b)fluoranthene	1800		ug/kg	100	30.	1
Benzo(k)fluoranthene	540		ug/kg	100	28.	1
Chrysene	1400		ug/kg	100	18.	1
Acenaphthylene	210		ug/kg	140	27.	1
Anthracene	590		ug/kg	100	34.	1
Benzo(ghi)perylene	740		ug/kg	140	21.	1
Fluorene	230		ug/kg	180	17.	1
Phenanthrene	1600		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	170		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	760		ug/kg	140	24.	1
Pyrene	2700		ug/kg	100	17.	1
Biphenyl	55	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	160	J	ug/kg	180	17.	1
2-Methylnaphthalene	190	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-06  
 Client ID: LB05\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:10  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	220		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	42		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-07  
 Client ID: LB05\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 06:14  
 Analyst: PS  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	1900		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	15000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	1600		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-07  
 Client ID: LB05\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	10000	E	ug/kg	110	21.	1
Benzo(a)pyrene	11000	E	ug/kg	150	45.	1
Benzo(b)fluoranthene	17000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	2900		ug/kg	110	30.	1
Chrysene	7800	E	ug/kg	110	19.	1
Acenaphthylene	1100		ug/kg	150	28.	1
Anthracene	3700		ug/kg	110	36.	1
Benzo(ghi)perylene	9200	E	ug/kg	150	22.	1
Fluorene	2300		ug/kg	180	18.	1
Phenanthrene	13000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	2200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	9900	E	ug/kg	150	26.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	350	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	1700		ug/kg	180	17.	1
2-Methylnaphthalene	820		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	65	J	ug/kg	180	28.	1
2-Methylphenol	33	J	ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	120	J	ug/kg	260	29.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-07  
 Client ID: LB05\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	1800		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	35		10-136
4-Terphenyl-d14	58		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-07 D  
 Client ID: LB05\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 14:41  
 Analyst: CB  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	23000		ug/kg	1100	210	10
Benzo(a)anthracene	11000		ug/kg	1100	210	10
Benzo(a)pyrene	15000		ug/kg	1500	450	10
Benzo(b)fluoranthene	19000		ug/kg	1100	310	10
Chrysene	11000		ug/kg	1100	190	10
Benzo(ghi)perylene	14000		ug/kg	1500	220	10
Phenanthrene	18000		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	14000		ug/kg	1500	260	10
Pyrene	19000		ug/kg	1100	180	10

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-08  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 06:40  
 Analyst: PS  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	490		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	86	J	ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	110	J	ug/kg	180	33.	1
1,3-Dichlorobenzene	87	J	ug/kg	180	32.	1
1,4-Dichlorobenzene	100	J	ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	4900		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	940		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	340		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	67	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-08  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2800		ug/kg	110	21.	1
Benzo(a)pyrene	2400		ug/kg	150	45.	1
Benzo(b)fluoranthene	3600		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	29.	1
Chrysene	2900		ug/kg	110	19.	1
Acenaphthylene	210		ug/kg	150	28.	1
Anthracene	800		ug/kg	110	36.	1
Benzo(ghi)perylene	1400		ug/kg	150	22.	1
Fluorene	630		ug/kg	180	18.	1
Phenanthrene	4100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	380		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	4500		ug/kg	110	18.	1
Biphenyl	200	J	ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	470		ug/kg	180	17.	1
2-Methylnaphthalene	1300		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	68	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	260	29.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-08  
 Client ID: LB06\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	510		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	59		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-09  
**Client ID:** LB06\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 07:06  
**Analyst:** PS  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	570		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	8000		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	860		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-09  
 Client ID: LB06\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	4500		ug/kg	120	23.	1
Benzo(a)pyrene	4400		ug/kg	160	49.	1
Benzo(b)fluoranthene	5600		ug/kg	120	34.	1
Benzo(k)fluoranthene	1800		ug/kg	120	32.	1
Chrysene	4400		ug/kg	120	21.	1
Acenaphthylene	610		ug/kg	160	31.	1
Anthracene	1800		ug/kg	120	39.	1
Benzo(ghi)perylene	2400		ug/kg	160	24.	1
Fluorene	610		ug/kg	200	20.	1
Phenanthrene	5300		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	600		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	160	28.	1
Pyrene	7300		ug/kg	120	20.	1
Biphenyl	73	J	ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	400		ug/kg	200	19.	1
2-Methylnaphthalene	200	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	57	J	ug/kg	290	32.	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-09  
 Client ID: LB06\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 09:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	570		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	56		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-10  
**Client ID:** LB07\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 10:15  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 07:32  
**Analyst:** PS  
**Percent Solids:** 88%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	4800		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	23000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	4100		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-10  
 Client ID: LB07\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	17000	E	ug/kg	110	21.	1
Benzo(a)pyrene	11000	E	ug/kg	150	46.	1
Benzo(b)fluoranthene	16000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	2500		ug/kg	110	30.	1
Chrysene	9100	E	ug/kg	110	19.	1
Acenaphthylene	1700		ug/kg	150	29.	1
Anthracene	8300	E	ug/kg	110	36.	1
Benzo(ghi)perylene	5400		ug/kg	150	22.	1
Fluorene	4400		ug/kg	190	18.	1
Phenanthrene	24000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	1900		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	6200		ug/kg	150	26.	1
Pyrene	21000	E	ug/kg	110	19.	1
Biphenyl	740		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	3400		ug/kg	190	18.	1
2-Methylnaphthalene	2400		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	140	J	ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	200		ug/kg	190	28.	1
2-Methylphenol	110	J	ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	360		ug/kg	270	29.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-10  
 Client ID: LB07\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	3500		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	60		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-10 D  
 Client ID: LB07\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:15  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 14:18  
 Analyst: CB  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	48000		ug/kg	1100	220	10
Benzo(a)anthracene	23000		ug/kg	1100	210	10
Benzo(a)pyrene	18000		ug/kg	1500	460	10
Benzo(b)fluoranthene	24000		ug/kg	1100	320	10
Chrysene	20000		ug/kg	1100	190	10
Anthracene	12000		ug/kg	1100	360	10
Phenanthrene	49000		ug/kg	1100	230	10
Pyrene	44000		ug/kg	1100	190	10

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-11  
 Client ID: LB07\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:20  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 07:58  
 Analyst: PS  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	6000		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	25000	E	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	8700	E	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-11  
 Client ID: LB07\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:20  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	15000	E	ug/kg	110	21.	1
Benzo(a)pyrene	11000	E	ug/kg	150	46.	1
Benzo(b)fluoranthene	17000	E	ug/kg	110	32.	1
Benzo(k)fluoranthene	2500		ug/kg	110	30.	1
Chrysene	10000	E	ug/kg	110	20.	1
Acenaphthylene	1300		ug/kg	150	29.	1
Anthracene	6900		ug/kg	110	37.	1
Benzo(ghi)perylene	6100		ug/kg	150	22.	1
Fluorene	4100		ug/kg	190	18.	1
Phenanthrene	29000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	1700		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	6400		ug/kg	150	26.	1
Pyrene	23000	E	ug/kg	110	19.	1
Biphenyl	1100		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	3700		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	130	J	ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	140	J	ug/kg	190	29.	1
2-Methylphenol	120	J	ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	330		ug/kg	270	30.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-11  
**Client ID:** LB07\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 10:20  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	3700		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	62		18-120



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-11 D  
 Client ID: LB07\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 10:20  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 13:55  
 Analyst: CB  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	54000		ug/kg	1100	220	10
Naphthalene	13000		ug/kg	1900	230	10
Benzo(a)anthracene	22000		ug/kg	1100	210	10
Benzo(a)pyrene	18000		ug/kg	1500	460	10
Benzo(b)fluoranthene	24000		ug/kg	1100	320	10
Chrysene	20000		ug/kg	1100	200	10
Phenanthrene	64000		ug/kg	1100	230	10
Pyrene	47000		ug/kg	1100	190	10

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-12  
 Client ID: LB08\_0.0-2.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/12/19 08:24  
 Analyst: PS  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	110	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	220		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-12  
 Client ID: LB08\_0.0-2.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1100		ug/kg	110	20.	1
Benzo(a)pyrene	1100		ug/kg	140	44.	1
Benzo(b)fluoranthene	1200		ug/kg	110	30.	1
Benzo(k)fluoranthene	530		ug/kg	110	29.	1
Chrysene	1000		ug/kg	110	19.	1
Acenaphthylene	370		ug/kg	140	28.	1
Anthracene	380		ug/kg	110	35.	1
Benzo(ghi)perylene	600		ug/kg	140	21.	1
Fluorene	100	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	140	25.	1
Pyrene	1900		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	90	J	ug/kg	180	17.	1
2-Methylnaphthalene	100	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	30	J	ug/kg	260	28.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-12  
 Client ID: LB08\_0.0-2.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:50  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	98	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	46		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-13  
**Client ID:** LB08\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 08:50  
**Analyst:** PS  
**Percent Solids:** 91%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	630		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	12000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	760		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-13  
 Client ID: LB08\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	9900	E	ug/kg	110	20.	1
Benzo(a)pyrene	9800	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	13000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2700		ug/kg	110	29.	1
Chrysene	7800	E	ug/kg	110	19.	1
Acenaphthylene	2000		ug/kg	140	28.	1
Anthracene	2100		ug/kg	110	35.	1
Benzo(ghi)perylene	5000		ug/kg	140	21.	1
Fluorene	510		ug/kg	180	17.	1
Phenanthrene	5200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1600		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	5600		ug/kg	140	25.	1
Pyrene	13000	E	ug/kg	110	18.	1
Biphenyl	67	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	310		ug/kg	180	17.	1
2-Methylnaphthalene	210	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	150	J	ug/kg	180	27.	1
2-Methylphenol	69	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	260		ug/kg	260	28.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-13  
**Client ID:** LB08\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	660		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	56		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-13 D  
 Client ID: LB08\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 12:55  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 13:32  
 Analyst: CB  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	21000		ug/kg	540	100	5
Benzo(a)anthracene	15000		ug/kg	540	100	5
Benzo(a)pyrene	15000		ug/kg	720	220	5
Benzo(b)fluoranthene	18000		ug/kg	540	150	5
Chrysene	12000		ug/kg	540	94.	5
Pyrene	22000		ug/kg	540	89.	5



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-14  
**Client ID:** LB09\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 14:30  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 09:16  
**Analyst:** PS  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	88	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	82	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-14  
 Client ID: LB09\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:30  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1000		ug/kg	110	20.	1
Benzo(a)pyrene	930		ug/kg	150	45.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	470		ug/kg	110	29.	1
Chrysene	880		ug/kg	110	19.	1
Acenaphthylene	140	J	ug/kg	150	28.	1
Anthracene	260		ug/kg	110	36.	1
Benzo(ghi)perylene	520		ug/kg	150	22.	1
Fluorene	72	J	ug/kg	180	18.	1
Phenanthrene	760		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	150	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	55	J	ug/kg	180	17.	1
2-Methylnaphthalene	49	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-14  
 Client ID: LB09\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:30  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	70	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	48		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-15  
**Client ID:** LB09\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 14:35  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/12/19 09:42  
**Analyst:** PS  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	860		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	11000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	580		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-15  
 Client ID: LB09\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:35  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	6200		ug/kg	110	20.	1
Benzo(a)pyrene	5000		ug/kg	140	44.	1
Benzo(b)fluoranthene	6600		ug/kg	110	30.	1
Benzo(k)fluoranthene	1800		ug/kg	110	29.	1
Chrysene	5000		ug/kg	110	19.	1
Acenaphthylene	490		ug/kg	140	28.	1
Anthracene	2900		ug/kg	110	35.	1
Benzo(ghi)perylene	2600		ug/kg	140	21.	1
Fluorene	1000		ug/kg	180	18.	1
Phenanthrene	8900	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	610		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3000		ug/kg	140	25.	1
Pyrene	10000	E	ug/kg	110	18.	1
Biphenyl	120	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	610		ug/kg	180	17.	1
2-Methylnaphthalene	370		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	46	J	ug/kg	260	28.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-15  
 Client ID: LB09\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:35  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	1300		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	50		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-15 D  
 Client ID: LB09\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 14:35  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/13/19 13:09  
 Analyst: CB  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 09/10/19 12:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	17000		ug/kg	540	100	5
Phenanthrene	13000		ug/kg	540	110	5
Pyrene	16000		ug/kg	540	90.	5

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/10/19 13:41  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 09/10/19 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-15 Batch: WG1282210-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/10/19 13:41  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 09/10/19 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-15 Batch: WG1282210-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/10/19 13:41  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 09/10/19 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-15 Batch: WG1282210-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	49.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	66		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/12/19 12:30  
Analyst: JG

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1282406-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	1.9	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/12/19 12:30  
Analyst: JG

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1282406-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/12/19 12:30  
Analyst: JG

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1282406-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	47		41-149

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 09/11/19 14:01  
Analyst: DV

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1282409-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 09/11/19 14:01  
Analyst: DV

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG1282409-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	72		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 Batch: WG1282210-2 WG1282210-3								
Acenaphthene	69		64		31-137	8		50
1,2,4-Trichlorobenzene	60		64		38-107	6		50
Hexachlorobenzene	71		67		40-140	6		50
Bis(2-chloroethyl)ether	72		63		40-140	13		50
2-Chloronaphthalene	63		65		40-140	3		50
1,2-Dichlorobenzene	72		65		40-140	10		50
1,3-Dichlorobenzene	68		60		40-140	13		50
1,4-Dichlorobenzene	69		61		28-104	12		50
3,3'-Dichlorobenzidine	76		75		40-140	1		50
2,4-Dinitrotoluene	49		50		40-132	2		50
2,6-Dinitrotoluene	48		55		40-140	14		50
Fluoranthene	69		67		40-140	3		50
4-Chlorophenyl phenyl ether	65		60		40-140	8		50
4-Bromophenyl phenyl ether	68		65		40-140	5		50
Bis(2-chloroisopropyl)ether	50		51		40-140	2		50
Bis(2-chloroethoxy)methane	66		66		40-117	0		50
Hexachlorobutadiene	56		58		40-140	4		50
Hexachlorocyclopentadiene	5	Q	4	Q	40-140	23		50
Hexachloroethane	43		43		40-140	0		50
Isophorone	76		72		40-140	5		50
Naphthalene	61		64		40-140	5		50
Nitrobenzene	61		63		40-140	3		50
NDPA/DPA	68		64		36-157	6		50



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 Batch: WG1282210-2 WG1282210-3								
n-Nitrosodi-n-propylamine	66		71		32-121	7		50
Bis(2-ethylhexyl)phthalate	76		81		40-140	6		50
Butyl benzyl phthalate	76		77		40-140	1		50
Di-n-butylphthalate	81		80		40-140	1		50
Di-n-octylphthalate	81		89		40-140	9		50
Diethyl phthalate	69		66		40-140	4		50
Dimethyl phthalate	59		66		40-140	11		50
Benzo(a)anthracene	74		69		40-140	7		50
Benzo(a)pyrene	57		62		40-140	8		50
Benzo(b)fluoranthene	65		60		40-140	8		50
Benzo(k)fluoranthene	56		69		40-140	21		50
Chrysene	65		67		40-140	3		50
Acenaphthylene	60		66		40-140	10		50
Anthracene	74		70		40-140	6		50
Benzo(ghi)perylene	84		66		40-140	24		50
Fluorene	70		69		40-140	1		50
Phenanthrene	69		66		40-140	4		50
Dibenzo(a,h)anthracene	90		69		40-140	26		50
Indeno(1,2,3-cd)pyrene	87		66		40-140	27		50
Pyrene	66		65		35-142	2		50
Biphenyl	67		68		37-127	1		50
4-Chloroaniline	65		66		40-140	2		50
2-Nitroaniline	78		82		47-134	5		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 Batch: WG1282210-2 WG1282210-3								
3-Nitroaniline	84		79		26-129	6		50
4-Nitroaniline	76		75		41-125	1		50
Dibenzofuran	69		66		40-140	4		50
2-Methylnaphthalene	62		64		40-140	3		50
1,2,4,5-Tetrachlorobenzene	62		65		40-117	5		50
Acetophenone	69		71		14-144	3		50
2,4,6-Trichlorophenol	67		72		30-130	7		50
p-Chloro-m-cresol	71		76		26-103	7		50
2-Chlorophenol	80		74		25-102	8		50
2,4-Dichlorophenol	69		74		30-130	7		50
2,4-Dimethylphenol	70		73		30-130	4		50
2-Nitrophenol	41		46		30-130	11		50
4-Nitrophenol	54		53		11-114	2		50
2,4-Dinitrophenol	9		9		4-130	2		50
4,6-Dinitro-o-cresol	6	Q	5	Q	10-130	17		50
Pentachlorophenol	64		62		17-109	3		50
Phenol	75		68		26-90	10		50
2-Methylphenol	72		75		30-130	4		50
3-Methylphenol/4-Methylphenol	76		82		30-130	8		50
2,4,5-Trichlorophenol	71		77		30-130	8		50
Benzoic Acid	38		44		10-110	15		50
Benzyl Alcohol	73		66		40-140	10		50
Carbazole	74		71		54-128	4		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 Batch: WG1282210-2 WG1282210-3								
1,4-Dioxane	46		49		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		70		25-120
Phenol-d6	80		74		10-120
Nitrobenzene-d5	64		67		23-120
2-Fluorobiphenyl	57		60		30-120
2,4,6-Tribromophenol	77		72		10-136
4-Terphenyl-d14	67		65		18-120

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282406-2 WG1282406-3								
Acenaphthene	70		55		37-111	24		30
1,2,4-Trichlorobenzene	66		55		39-98	18		30
Hexachlorobenzene	66		50		40-140	28		30
Bis(2-chloroethyl)ether	67		56		40-140	18		30
2-Chloronaphthalene	75		60		40-140	22		30
1,2-Dichlorobenzene	65		55		40-140	17		30
1,3-Dichlorobenzene	65		53		40-140	20		30
1,4-Dichlorobenzene	65		54		36-97	18		30
3,3'-Dichlorobenzidine	62		51		40-140	19		30
2,4-Dinitrotoluene	67		53		48-143	23		30
2,6-Dinitrotoluene	76		61		40-140	22		30
Fluoranthene	77		60		40-140	25		30
4-Chlorophenyl phenyl ether	72		56		40-140	25		30
4-Bromophenyl phenyl ether	68		53		40-140	25		30
Bis(2-chloroisopropyl)ether	72		58		40-140	22		30
Bis(2-chloroethoxy)methane	69		58		40-140	17		30
Hexachlorobutadiene	73		61		40-140	18		30
Hexachlorocyclopentadiene	73		58		40-140	23		30
Hexachloroethane	66		53		40-140	22		30
Isophorone	71		60		40-140	17		30
Naphthalene	73		59		40-140	21		30
Nitrobenzene	69		57		40-140	19		30
NDPA/DPA	71		55		40-140	25		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282406-2 WG1282406-3								
n-Nitrosodi-n-propylamine	74		62		29-132	18		30
Bis(2-ethylhexyl)phthalate	82		67		40-140	20		30
Butyl benzyl phthalate	81		64		40-140	23		30
Di-n-butylphthalate	78		61		40-140	24		30
Di-n-octylphthalate	87		71		40-140	20		30
Diethyl phthalate	71		57		40-140	22		30
Dimethyl phthalate	81		64		40-140	23		30
Benzo(a)anthracene	82		65		40-140	23		30
Benzo(a)pyrene	70		55		40-140	24		30
Benzo(b)fluoranthene	72		58		40-140	22		30
Benzo(k)fluoranthene	77		58		40-140	28		30
Chrysene	74		60		40-140	21		30
Acenaphthylene	76		61		45-123	22		30
Anthracene	79		62		40-140	24		30
Benzo(ghi)perylene	75		58		40-140	26		30
Fluorene	68		54		40-140	23		30
Phenanthrene	76		60		40-140	24		30
Dibenzo(a,h)anthracene	75		58		40-140	26		30
Indeno(1,2,3-cd)pyrene	78		59		40-140	28		30
Pyrene	74		58		26-127	24		30
Biphenyl	76		61		40-140	22		30
4-Chloroaniline	71		65		40-140	9		30
2-Nitroaniline	76		63		52-143	19		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282406-2 WG1282406-3								
3-Nitroaniline	58		50		25-145	15		30
4-Nitroaniline	58		46	Q	51-143	23		30
Dibenzofuran	68		53		40-140	25		30
2-Methylnaphthalene	75		59		40-140	24		30
1,2,4,5-Tetrachlorobenzene	75		61		2-134	21		30
Acetophenone	67		55		39-129	20		30
2,4,6-Trichlorophenol	77		61		30-130	23		30
p-Chloro-m-cresol	80		63		23-97	24		30
2-Chlorophenol	69		57		27-123	19		30
2,4-Dichlorophenol	68		56		30-130	19		30
2,4-Dimethylphenol	57		46		30-130	21		30
2-Nitrophenol	77		65		30-130	17		30
4-Nitrophenol	53		39		10-80	30		30
2,4-Dinitrophenol	66		56		20-130	16		30
4,6-Dinitro-o-cresol	76		62		20-164	20		30
Pentachlorophenol	59		51		9-103	15		30
Phenol	50		43		12-110	15		30
2-Methylphenol	65		55		30-130	17		30
3-Methylphenol/4-Methylphenol	70		61		30-130	14		30
2,4,5-Trichlorophenol	77		60		30-130	25		30
Benzoic Acid	0	Q	0	Q	10-164	NC		30
Benzyl Alcohol	61		52		26-116	16		30
Carbazole	76		59		55-144	25		30

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1282406-2 WG1282406-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	57		48		21-120
Phenol-d6	48		41		10-120
Nitrobenzene-d5	69		55		23-120
2-Fluorobiphenyl	73		60		15-120
2,4,6-Tribromophenol	57		48		10-120
4-Terphenyl-d14	74		57		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1282409-2 WG1282409-3								
Acenaphthene	56		73		40-140	26		40
2-Chloronaphthalene	56		72		40-140	25		40
Fluoranthene	58		77		40-140	28		40
Hexachlorobutadiene	60		77		40-140	25		40
Naphthalene	56		72		40-140	25		40
Benzo(a)anthracene	56		74		40-140	28		40
Benzo(a)pyrene	57		76		40-140	29		40
Benzo(b)fluoranthene	60		78		40-140	26		40
Benzo(k)fluoranthene	58		80		40-140	32		40
Chrysene	56		76		40-140	30		40
Acenaphthylene	54		72		40-140	29		40
Anthracene	58		76		40-140	27		40
Benzo(ghi)perylene	59		78		40-140	28		40
Fluorene	57		74		40-140	26		40
Phenanthrene	56		74		40-140	28		40
Dibenzo(a,h)anthracene	61		81		40-140	28		40
Indeno(1,2,3-cd)pyrene	59		79		40-140	29		40
Pyrene	58		77		40-140	28		40
2-Methylnaphthalene	56		72		40-140	25		40
Pentachlorophenol	60		76		40-140	24		40
Hexachlorobenzene	64		83		40-140	26		40
Hexachloroethane	55		70		40-140	24		40



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG1282409-2 WG1282409-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		56		21-120
Phenol-d6	38		49		10-120
Nitrobenzene-d5	55		71		23-120
2-Fluorobiphenyl	51		67		15-120
2,4,6-Tribromophenol	54		79		10-120
4-Terphenyl-d14	53		69		41-149

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-4 WG1282210-5 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
Acenaphthene	360	1390	1300	67		1400	75		31-137	7		50
1,2,4-Trichlorobenzene	ND	1390	910	65		980	70		38-107	7		50
Hexachlorobenzene	ND	1390	920	66		960	69		40-140	4		50
Bis(2-chloroethyl)ether	ND	1390	1000	72		1100	79		40-140	10		50
2-Chloronaphthalene	ND	1390	890	64		930	67		40-140	4		50
1,2-Dichlorobenzene	ND	1390	880	63		940	67		40-140	7		50
1,3-Dichlorobenzene	ND	1390	850	61		920	66		40-140	8		50
1,4-Dichlorobenzene	ND	1390	860	62		930	67		28-104	8		50
3,3'-Dichlorobenzidine	ND	1390	ND	0	Q	ND	0	Q	40-140	NC		50
2,4-Dinitrotoluene	ND	1390	810	58		810	58		40-132	0		50
2,6-Dinitrotoluene	ND	1390	900	65		810	58		40-140	11		50
Fluoranthene	11000E	1390	13000E	140		17000E	430	Q	40-140	27		50
4-Chlorophenyl phenyl ether	ND	1390	810	58		830	59		40-140	2		50
4-Bromophenyl phenyl ether	ND	1390	840	60		900	65		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1390	680	49		740	53		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1390	800	57		860	62		40-117	7		50
Hexachlorobutadiene	ND	1390	910	65		930	67		40-140	2		50
Hexachlorocyclopentadiene	ND	1390	190J	14	Q	ND	0	Q	40-140	NC		50
Hexachloroethane	ND	1390	820	59		790	57		40-140	4		50
Isophorone	ND	1390	770	55		850	61		40-140	10		50
Naphthalene	250	1390	1100	61		1200	68		40-140	9		50
Nitrobenzene	ND	1390	770	55		860	62		40-140	11		50
NDPA/DPA	ND	1390	730	52		820	59		36-157	12		50

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-4 WG1282210-5 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
n-Nitrosodi-n-propylamine	ND	1390	770	55		840	60		32-121	9		50
Bis(2-ethylhexyl)phthalate	200	1390	1100	65		1000	57		40-140	10		50
Butyl benzyl phthalate	ND	1390	800	57		910	65		40-140	13		50
Di-n-butylphthalate	ND	1390	810	58		850	61		40-140	5		50
Di-n-octylphthalate	ND	1390	800	57		790	57		40-140	1		50
Diethyl phthalate	ND	1390	830	60		860	62		40-140	4		50
Dimethyl phthalate	ND	1390	840	60		870	62		40-140	4		50
Benzo(a)anthracene	6800	1390	7400E	43		11000E	300	Q	40-140	39		50
Benzo(a)pyrene	7300E	1390	8000E	50		11000E	270	Q	40-140	32		50
Benzo(b)fluoranthene	10000E	1390	12000E	140		18000E	570	Q	40-140	40		50
Benzo(k)fluoranthene	2600	1390	2600	0	Q	3100	36	Q	40-140	18		50
Chrysene	6000	1390	7600E	110		9700E	270	Q	40-140	24		50
Acenaphthylene	380	1390	1100	52		1400	73		40-140	24		50
Anthracene	1000	1390	2200	86		2300	93		40-140	4		50
Benzo(ghi)perylene	4500	1390	6300	130		8400E	280	Q	40-140	29		50
Fluorene	250	1390	1100	61		1200	68		40-140	9		50
Phenanthrene	5300	1390	6800	110		8300E	220	Q	40-140	20		50
Dibenzo(a,h)anthracene	1200	1390	2000	57		2400	86		40-140	18		50
Indeno(1,2,3-cd)pyrene	4800	1390	6500	120		8800E	290	Q	40-140	30		50
Pyrene	11000E	1390	12000E	72		16000E	360	Q	35-142	29		50
Biphenyl	44J	1390	960	69		980	70		37-127	2		50
4-Chloroaniline	ND	1390	280	20	Q	190	14	Q	40-140	38		50
2-Nitroaniline	ND	1390	870	62		970	70		47-134	11		50

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-4 WG1282210-5 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
3-Nitroaniline	ND	1390	390	28		470	34		26-129	19		50
4-Nitroaniline	ND	1390	260	19	Q	350	25	Q	41-125	30		50
Dibenzofuran	180	1390	1100	79		1100	79		40-140	0		50
2-Methylnaphthalene	86J	1390	970	70		1000	72		40-140	3		50
1,2,4,5-Tetrachlorobenzene	ND	1390	970	70		1000	72		40-117	3		50
Acetophenone	67J	1390	890	64		1000	72		14-144	12		50
2,4,6-Trichlorophenol	ND	1390	910	65		980	70		30-130	7		50
p-Chloro-m-cresol	ND	1390	850	61		930	67		26-103	9		50
2-Chlorophenol	ND	1390	860	62		960	69		25-102	11		50
2,4-Dichlorophenol	ND	1390	880	63		1000	72		30-130	13		50
2,4-Dimethylphenol	ND	1390	490	35		650	47		30-130	28		50
2-Nitrophenol	ND	1390	890	64		790	57		30-130	12		50
4-Nitrophenol	ND	1390	490	35		500	36		11-114	2		50
2,4-Dinitrophenol	ND	1390	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1390	220J	16		180J	13		10-130	20		50
Pentachlorophenol	ND	1390	860	62		910	65		17-109	6		50
Phenol	ND	1390	820	59		900	65		26-90	9		50
2-Methylphenol	ND	1390	660	47		780	56		30-130	17		50
3-Methylphenol/4-Methylphenol	ND	1390	710	51		820	59		30-130	14		50
2,4,5-Trichlorophenol	ND	1390	940	67		990	71		30-130	5		50
Benzoic Acid	ND	1390	ND	0	Q	190J	14		10-110	NC		50
Benzyl Alcohol	ND	1390	810	58		870	62		40-140	7		50
Carbazole	640	1390	1700	76		1900	90		54-128	11		50

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-4 WG1282210-5 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
1,4-Dioxane	ND	1390	500	36	Q	620	44		40-140	21		50

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
2,4,6-Tribromophenol	72		80		10-136
2-Fluorobiphenyl	52		50		30-120
2-Fluorophenol	53		61		25-120
4-Terphenyl-d14	50		46		18-120
Nitrobenzene-d5	46		49		23-120
Phenol-d6	54		61		10-120

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-6 WG1282210-7 QC Sample: L1940080-15												
Client ID: LB09_6.0-8.0												
Acenaphthene	860	1440	1700	58		1600	51		31-137	6		50
1,2,4-Trichlorobenzene	ND	1440	1200	83		1100	76		38-107	9		50
Hexachlorobenzene	ND	1440	1200	83		1100	76		40-140	9		50
Bis(2-chloroethyl)ether	ND	1440	1000	69		950	66		40-140	5		50
2-Chloronaphthalene	ND	1440	1100	76		1100	76		40-140	0		50
1,2-Dichlorobenzene	ND	1440	1100	76		1000	69		40-140	10		50
1,3-Dichlorobenzene	ND	1440	1100	76		1000	69		40-140	10		50
1,4-Dichlorobenzene	ND	1440	1100	76		1000	69		28-104	10		50
3,3'-Dichlorobenzidine	ND	1440	810	56		710	49		40-140	13		50
2,4-Dinitrotoluene	ND	1440	910	63		760	53		40-132	18		50
2,6-Dinitrotoluene	ND	1440	960	67		820	57		40-140	16		50
Fluoranthene	11000E	1440	9400E	0	Q	9300E	0	Q	40-140	1		50
4-Chlorophenyl phenyl ether	ND	1440	1100	76		940	65		40-140	16		50
4-Bromophenyl phenyl ether	ND	1440	1100	76		980	68		40-140	12		50
Bis(2-chloroisopropyl)ether	ND	1440	860	60		800	56		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1440	1000	69		970	67		40-117	3		50
Hexachlorobutadiene	ND	1440	1200	83		1000	69		40-140	18		50
Hexachlorocyclopentadiene	ND	1440	280J	19	Q	200J	14	Q	40-140	33		50
Hexachloroethane	ND	1440	890	62		800	56		40-140	11		50
Isophorone	ND	1440	1000	69		930	65		40-140	7		50
Naphthalene	580	1440	1600	71		1600	71		40-140	0		50
Nitrobenzene	ND	1440	1000	69		920	64		40-140	8		50
NDPA/DPA	ND	1440	1100	76		980	68		36-157	12		50

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-6 WG1282210-7 QC Sample: L1940080-15												
Client ID: LB09_6.0-8.0												
n-Nitrosodi-n-propylamine	ND	1440	990	69		920	64		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	1440	1100	76		900	62		40-140	20		50
Butyl benzyl phthalate	ND	1440	1000	69		880	61		40-140	13		50
Di-n-butylphthalate	ND	1440	1000	69		880	61		40-140	13		50
Di-n-octylphthalate	ND	1440	1000	69		880	61		40-140	13		50
Diethyl phthalate	ND	1440	1100	76		990	69		40-140	11		50
Dimethyl phthalate	ND	1440	1100	76		1000	69		40-140	10		50
Benzo(a)anthracene	6200	1440	5200	0	Q	5600	0	Q	40-140	7		50
Benzo(a)pyrene	5000	1440	5000	0	Q	5300	21	Q	40-140	6		50
Benzo(b)fluoranthene	6600	1440	6300	0	Q	7000	0	Q	40-140	11		50
Benzo(k)fluoranthene	1800	1440	2200	0	Q	1900	0	Q	40-140	15		50
Chrysene	5000	1440	4900	0	Q	4900	0	Q	40-140	0		50
Acenaphthylene	490	1440	1500	70		1400	63		40-140	7		50
Anthracene	2900	1440	3100	14	Q	3000	7	Q	40-140	3		50
Benzo(ghi)perylene	2600	1440	3100	35	Q	3200	42		40-140	3		50
Fluorene	1000	1440	1800	55		1700	49		40-140	6		50
Phenanthrene	8900E	1440	7500E	0	Q	7600E	0	Q	40-140	1		50
Dibenzo(a,h)anthracene	610	1440	1300	40		1300	40		40-140	0		50
Indeno(1,2,3-cd)pyrene	3000	1440	3200	14	Q	3400	28	Q	40-140	6		50
Pyrene	10000E	1440	8700E	0	Q	8900E	0	Q	35-142	2		50
Biphenyl	120J	1440	1300	90		1200	83		37-127	8		50
4-Chloroaniline	ND	1440	950	66		860	60		40-140	10		50
2-Nitroaniline	ND	1440	1300	90		1200	83		47-134	8		50

## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-6 WG1282210-7 QC Sample: L1940080-15												
Client ID: LB09_6.0-8.0												
3-Nitroaniline	ND	1440	1200	83		1000	69		26-129	18		50
4-Nitroaniline	ND	1440	1100	76		1000	69		41-125	10		50
Dibenzofuran	610	1440	1500	62		1500	62		40-140	0		50
2-Methylnaphthalene	370	1440	1500	78		1400	71		40-140	7		50
1,2,4,5-Tetrachlorobenzene	ND	1440	1300	90		1100	76		40-117	17		50
Acetophenone	ND	1440	1100	76		1000	69		14-144	10		50
2,4,6-Trichlorophenol	ND	1440	960	67		840	58		30-130	13		50
p-Chloro-m-cresol	ND	1440	1200	83		1100	76		26-103	9		50
2-Chlorophenol	ND	1440	1200	83		1100	76		25-102	9		50
2,4-Dichlorophenol	ND	1440	1200	83		1100	76		30-130	9		50
2,4-Dimethylphenol	ND	1440	1200	83		1100	76		30-130	9		50
2-Nitrophenol	ND	1440	720	50		620	43		30-130	15		50
4-Nitrophenol	ND	1440	350	24		290	20		11-114	19		50
2,4-Dinitrophenol	ND	1440	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1440	ND	0	Q	ND	0	Q	10-130	NC		50
Pentachlorophenol	ND	1440	240	17		240	17		17-109	0		50
Phenol	ND	1440	1200	83		1100	76		26-90	9		50
2-Methylphenol	ND	1440	1200	83		1100	76		30-130	9		50
3-Methylphenol/4-Methylphenol	46J	1440	1200	83		1200	83		30-130	0		50
2,4,5-Trichlorophenol	ND	1440	1100	76		1000	69		30-130	10		50
Benzoic Acid	ND	1440	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1440	1100	76		960	67		40-140	14		50
Carbazole	1300	1440	2000	49	Q	1900	42	Q	54-128	5		50



## Matrix Spike Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

<b>Parameter</b>	<b>Native Sample</b>	<b>MS Added</b>	<b>MS Found</b>	<b>MS %Recovery</b>	<b>Qual</b>	<b>MSD Found</b>	<b>MSD %Recovery</b>	<b>Qual</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282210-6 WG1282210-7 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0												
1,4-Dioxane	ND	1440	620	43		560	39	Q	40-140	10		50

<b>Surrogate</b>	<b>MS</b>		<b>MSD</b>		<b>Acceptance Criteria</b>
	<b>% Recovery</b>	<b>Qualifier</b>	<b>% Recovery</b>	<b>Qualifier</b>	
2,4,6-Tribromophenol	84		73		10-136
2-Fluorobiphenyl	62		57		30-120
2-Fluorophenol	78		69		25-120
4-Terphenyl-d14	58		51		18-120
Nitrobenzene-d5	57		51		23-120
Phenol-d6	77		71		10-120

# PCBS

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-03  
**Client ID:** SO FB01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 09/11/19 14:23  
**Analyst:** AWS

**Extraction Method:** EPA 3510C  
**Extraction Date:** 09/10/19 17:14  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 09/11/19  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 09/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	B
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	65		30-150	B

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 09/10/19 19:42  
Analyst: AWS

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 01:23  
Cleanup Method: EPA 3665A  
Cleanup Date: 09/10/19  
Cleanup Method: EPA 3660B  
Cleanup Date: 09/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1282053-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
Aroclor 1260	0.056	J	ug/l	0.083	0.032	B
PCBs, Total	0.056	J	ug/l	0.083	0.032	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	80		30-150	B

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1282053-2 WG1282053-3									
Aroclor 1016	63		62		40-140	2		50	A
Aroclor 1260	68		72		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		65		30-150	A
Decachlorobiphenyl	79		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		61		30-150	B
Decachlorobiphenyl	76		79		30-150	B

# PESTICIDES

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-03  
**Client ID:** SO FB01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8081B  
**Analytical Date:** 09/12/19 16:31  
**Analyst:** DGM

**Extraction Method:** EPA 3510C  
**Extraction Date:** 09/10/19 17:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-03  
 Client ID: SO FB01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	47		30-150	B



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940080-03  
 Client ID: SO FB01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8151A  
 Analytical Date: 09/11/19 17:11  
 Analyst: DGM

Extraction Method: EPA 8151A  
 Extraction Date: 09/10/19 12:14

Methylation Date: 09/10/19 20:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Chlorinated Herbicides by GC - Westborough Lab</b>							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	82		30-150	B

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8151A  
Analytical Date: 09/11/19 16:14  
Analyst: DGM

Extraction Method: EPA 8151A  
Extraction Date: 09/10/19 12:14

Methylation Date: 09/10/19 20:17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1282282-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	73		30-150	B

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 09/10/19 21:48  
Analyst: BM

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 12:14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1282410-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 09/10/19 21:48  
Analyst: BM

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 12:14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1282410-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	73		30-150	B

### Lab Control Sample Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1282282-2 WG1282282-3									
2,4-D	82		84		30-150	2		25	A
2,4,5-T	82		83		30-150	1		25	A
2,4,5-TP (Silvex)	83		86		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	78		79		30-150	A
DCAA	84		89		30-150	B



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1282410-2 WG1282410-3									
Delta-BHC	49		40		30-150	20		20	A
Lindane	67		52		30-150	25	Q	20	A
Alpha-BHC	67		52		30-150	24	Q	20	A
Beta-BHC	67		54		30-150	23	Q	20	A
Heptachlor	66		53		30-150	22	Q	20	A
Aldrin	70		54		30-150	26	Q	20	A
Heptachlor epoxide	73		56		30-150	25	Q	20	A
Endrin	76		58		30-150	27	Q	20	A
Endrin aldehyde	68		52		30-150	28	Q	20	A
Endrin ketone	78		61		30-150	25	Q	20	A
Dieldrin	78		60		30-150	26	Q	20	A
4,4'-DDE	76		57		30-150	27	Q	20	A
4,4'-DDD	75		57		30-150	27	Q	20	A
4,4'-DDT	72		55		30-150	26	Q	20	A
Endosulfan I	70		53		30-150	28	Q	20	A
Endosulfan II	73		58		30-150	23	Q	20	A
Endosulfan sulfate	77		61		30-150	24	Q	20	A
Methoxychlor	71		54		30-150	28	Q	20	A
cis-Chlordane	66		51		30-150	25	Q	20	A
trans-Chlordane	69		53		30-150	26	Q	20	A

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1282410-2 WG1282410-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		54		30-150	A
Decachlorobiphenyl	74		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		52		30-150	B
Decachlorobiphenyl	62		47		30-150	B

## METALS



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-01  
 Client ID: SODUP01\_090319  
 Sample Location: 47 COMMERCIAL ST., BROOKLYN

Date Collected: 09/03/19 00:00  
 Date Received: 09/03/19  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Soil  
 Percent Solids: 99%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2240		mg/kg	7.92	2.14	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Antimony, Total	1.78	J	mg/kg	3.96	0.301	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Arsenic, Total	21.4		mg/kg	0.792	0.165	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Barium, Total	80.4		mg/kg	0.792	0.138	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Beryllium, Total	0.166	J	mg/kg	0.396	0.026	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.792	0.078	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Calcium, Total	4790		mg/kg	7.92	2.77	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Chromium, Total	9.91		mg/kg	0.792	0.076	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Cobalt, Total	7.15		mg/kg	1.58	0.132	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Copper, Total	45.8		mg/kg	0.792	0.204	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Iron, Total	8380		mg/kg	3.96	0.715	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Lead, Total	165		mg/kg	3.96	0.212	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Magnesium, Total	1420		mg/kg	7.92	1.22	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Manganese, Total	48.2		mg/kg	0.792	0.126	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Mercury, Total	0.200		mg/kg	0.064	0.042	1	09/11/19 03:20	09/11/19 16:49	EPA 7471B	1,7471B	GD
Nickel, Total	9.04		mg/kg	1.98	0.192	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Potassium, Total	435		mg/kg	198	11.4	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Selenium, Total	2.09		mg/kg	1.58	0.204	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.792	0.224	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Sodium, Total	144	J	mg/kg	158	2.50	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.58	0.250	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Vanadium, Total	10.4		mg/kg	0.792	0.161	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
Zinc, Total	280		mg/kg	3.96	0.232	2	09/10/19 17:36	09/11/19 20:21	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	9.9		mg/kg	0.81	0.81	1		09/11/19 20:21	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-02

Date Collected: 09/03/19 00:00

Client ID: SODUP02\_090319

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4760		mg/kg	7.83	2.11	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Antimony, Total	0.587	J	mg/kg	3.92	0.298	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Arsenic, Total	7.49		mg/kg	0.783	0.163	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Barium, Total	48.6		mg/kg	0.783	0.136	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Beryllium, Total	0.133	J	mg/kg	0.392	0.026	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.783	0.077	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Calcium, Total	57800		mg/kg	7.83	2.74	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Chromium, Total	9.20		mg/kg	0.783	0.075	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Cobalt, Total	3.26		mg/kg	1.57	0.130	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Copper, Total	21.3		mg/kg	0.783	0.202	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Iron, Total	11000		mg/kg	3.92	0.707	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Lead, Total	165		mg/kg	3.92	0.210	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Magnesium, Total	7570		mg/kg	7.83	1.20	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Manganese, Total	389		mg/kg	0.783	0.124	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Mercury, Total	0.098		mg/kg	0.066	0.043	1	09/11/19 03:20	09/11/19 16:52	EPA 7471B	1,7471B	GD
Nickel, Total	6.70		mg/kg	1.96	0.190	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Potassium, Total	750		mg/kg	196	11.3	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Selenium, Total	1.18	J	mg/kg	1.57	0.202	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.783	0.222	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Sodium, Total	305		mg/kg	157	2.47	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.57	0.247	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Vanadium, Total	13.7		mg/kg	0.783	0.159	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
Zinc, Total	62.4		mg/kg	3.92	0.229	2	09/10/19 17:36	09/11/19 20:25	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	9.2		mg/kg	0.84	0.84	1		09/11/19 20:25	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-03

Date Collected: 09/03/19 00:00

Client ID: SO FB01\_090319

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	ND		mg/l	0.100	0.032	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Antimony, Total	ND		mg/l	0.050	0.007	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Arsenic, Total	ND		mg/l	0.005	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Barium, Total	ND		mg/l	0.010	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Calcium, Total	ND		mg/l	0.100	0.035	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Copper, Total	ND		mg/l	0.010	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Iron, Total	ND		mg/l	0.050	0.009	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Lead, Total	ND		mg/l	0.010	0.003	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Magnesium, Total	ND		mg/l	0.100	0.015	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Manganese, Total	ND		mg/l	0.010	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/11/19 12:21	09/11/19 17:52	EPA 7470A	1,7470A	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Potassium, Total	ND		mg/l	2.50	0.237	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Silver, Total	ND		mg/l	0.007	0.003	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Sodium, Total	ND		mg/l	2.00	0.120	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	09/11/19 14:43	09/12/19 14:58	EPA 3005A	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		09/12/19 14:58	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-04

Date Collected: 09/03/19 11:50

Client ID: LB01\_0.5-2.5

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	6640		mg/kg	8.40	2.27	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Antimony, Total	2.86	J	mg/kg	4.20	0.319	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Arsenic, Total	22.2		mg/kg	0.840	0.175	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Barium, Total	160		mg/kg	0.840	0.146	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Beryllium, Total	0.580		mg/kg	0.420	0.028	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.840	0.082	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Calcium, Total	1320		mg/kg	8.40	2.94	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Chromium, Total	33.1		mg/kg	0.840	0.081	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Cobalt, Total	6.30		mg/kg	1.68	0.139	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Copper, Total	107		mg/kg	0.840	0.217	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Iron, Total	22500		mg/kg	4.20	0.759	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Lead, Total	262		mg/kg	4.20	0.225	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Magnesium, Total	1500		mg/kg	8.40	1.29	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Manganese, Total	146		mg/kg	0.840	0.134	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Mercury, Total	1.98		mg/kg	0.067	0.044	1	09/11/19 03:20	09/11/19 16:16	EPA 7471B	1,7471B	GD
Nickel, Total	14.5		mg/kg	2.10	0.203	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Potassium, Total	711		mg/kg	210	12.1	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Selenium, Total	0.647	J	mg/kg	1.68	0.217	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.840	0.238	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Sodium, Total	243		mg/kg	168	2.65	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.68	0.265	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Vanadium, Total	24.8		mg/kg	0.840	0.170	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
Zinc, Total	175		mg/kg	4.20	0.246	2	09/10/19 17:36	09/11/19 19:05	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	33		mg/kg	0.85	0.85	1		09/11/19 19:05	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-05

Date Collected: 09/03/19 11:55

Client ID: LB01\_6.0-8.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2490		mg/kg	8.39	2.26	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Antimony, Total	1.55	J	mg/kg	4.20	0.319	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Arsenic, Total	15.7		mg/kg	0.839	0.174	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Barium, Total	35.9		mg/kg	0.839	0.146	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Beryllium, Total	0.126	J	mg/kg	0.420	0.028	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Cadmium, Total	0.428	J	mg/kg	0.839	0.082	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Calcium, Total	2450		mg/kg	8.39	2.94	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Chromium, Total	11.8		mg/kg	0.839	0.081	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Cobalt, Total	6.30		mg/kg	1.68	0.139	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Copper, Total	275		mg/kg	0.839	0.216	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Iron, Total	13500		mg/kg	4.20	0.758	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Lead, Total	206		mg/kg	4.20	0.225	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Magnesium, Total	530		mg/kg	8.39	1.29	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Manganese, Total	168		mg/kg	0.839	0.133	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Mercury, Total	0.798		mg/kg	0.068	0.044	1	09/11/19 03:20	09/11/19 16:56	EPA 7471B	1,7471B	GD
Nickel, Total	9.11		mg/kg	2.10	0.203	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Potassium, Total	363		mg/kg	210	12.1	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Selenium, Total	0.503	J	mg/kg	1.68	0.216	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.839	0.237	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Sodium, Total	190		mg/kg	168	2.64	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.68	0.264	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Vanadium, Total	21.4		mg/kg	0.839	0.170	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
Zinc, Total	481		mg/kg	4.20	0.246	2	09/10/19 17:36	09/11/19 20:30	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	12		mg/kg	0.86	0.86	1		09/11/19 20:30	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-06

Date Collected: 09/03/19 09:10

Client ID: LB05\_2.0-4.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2500		mg/kg	8.19	2.21	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Antimony, Total	1.79	J	mg/kg	4.10	0.311	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Arsenic, Total	17.5		mg/kg	0.819	0.170	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Barium, Total	86.3		mg/kg	0.819	0.142	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Beryllium, Total	0.131	J	mg/kg	0.410	0.027	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.819	0.080	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Calcium, Total	4370		mg/kg	8.19	2.87	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Chromium, Total	7.03		mg/kg	0.819	0.079	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Cobalt, Total	3.38		mg/kg	1.64	0.136	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Copper, Total	38.1		mg/kg	0.819	0.211	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Iron, Total	14100		mg/kg	4.10	0.740	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Lead, Total	214		mg/kg	4.10	0.220	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Magnesium, Total	893		mg/kg	8.19	1.26	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Manganese, Total	55.7		mg/kg	0.819	0.130	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Mercury, Total	0.202		mg/kg	0.068	0.044	1	09/11/19 03:20	09/11/19 16:59	EPA 7471B	1,7471B	GD
Nickel, Total	6.25		mg/kg	2.05	0.198	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Potassium, Total	473		mg/kg	205	11.8	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Selenium, Total	1.95		mg/kg	1.64	0.211	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.819	0.232	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Sodium, Total	116	J	mg/kg	164	2.58	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.64	0.258	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Vanadium, Total	10.3		mg/kg	0.819	0.166	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
Zinc, Total	188		mg/kg	4.10	0.240	2	09/10/19 17:36	09/11/19 20:34	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	7.0		mg/kg	0.85	0.85	1		09/11/19 20:34	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-07

Date Collected: 09/03/19 09:15

Client ID: LB05\_6.0-8.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4010		mg/kg	8.82	2.38	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Antimony, Total	1.19	J	mg/kg	4.41	0.335	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Arsenic, Total	12.8		mg/kg	0.882	0.183	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Barium, Total	84.7		mg/kg	0.882	0.153	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Beryllium, Total	0.846		mg/kg	0.441	0.029	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.882	0.086	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Calcium, Total	60000		mg/kg	8.82	3.09	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Chromium, Total	21.9		mg/kg	0.882	0.085	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Cobalt, Total	8.23		mg/kg	1.76	0.146	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Copper, Total	119		mg/kg	0.882	0.227	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Iron, Total	16400		mg/kg	4.41	0.796	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Lead, Total	248		mg/kg	4.41	0.236	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Magnesium, Total	25400		mg/kg	8.82	1.36	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Manganese, Total	197		mg/kg	0.882	0.140	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Mercury, Total	0.546		mg/kg	0.071	0.046	1	09/11/19 03:20	09/11/19 17:02	EPA 7471B	1,7471B	GD
Nickel, Total	15.6		mg/kg	2.20	0.213	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Potassium, Total	663		mg/kg	220	12.7	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Selenium, Total	2.05		mg/kg	1.76	0.227	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.882	0.250	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Sodium, Total	279		mg/kg	176	2.78	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.76	0.278	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Vanadium, Total	17.7		mg/kg	0.882	0.179	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
Zinc, Total	402		mg/kg	4.41	0.258	2	09/10/19 17:36	09/11/19 20:38	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	22		mg/kg	0.90	0.90	1		09/11/19 20:38	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-08

Date Collected: 09/03/19 09:50

Client ID: LB06\_1.0-3.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4270		mg/kg	8.57	2.31	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Antimony, Total	2.81	J	mg/kg	4.28	0.326	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Arsenic, Total	20.0		mg/kg	0.857	0.178	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Barium, Total	462		mg/kg	0.857	0.149	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Beryllium, Total	0.163	J	mg/kg	0.428	0.028	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.857	0.084	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Calcium, Total	15000		mg/kg	8.57	3.00	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Chromium, Total	10.4		mg/kg	0.857	0.082	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Cobalt, Total	3.09		mg/kg	1.71	0.142	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Copper, Total	39.4		mg/kg	0.857	0.221	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Iron, Total	52200		mg/kg	42.8	7.74	20	09/10/19 17:36	09/11/19 22:00	EPA 3050B	1,6010D	MC
Lead, Total	1710		mg/kg	4.28	0.230	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Magnesium, Total	2770		mg/kg	8.57	1.32	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Manganese, Total	265		mg/kg	0.857	0.136	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Mercury, Total	0.236		mg/kg	0.070	0.046	1	09/11/19 03:20	09/11/19 17:06	EPA 7471B	1,7471B	GD
Nickel, Total	9.48		mg/kg	2.14	0.207	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Potassium, Total	418		mg/kg	214	12.3	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Selenium, Total	0.814	J	mg/kg	1.71	0.221	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.857	0.242	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Sodium, Total	327		mg/kg	171	2.70	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.71	0.270	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Vanadium, Total	17.7		mg/kg	0.857	0.174	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
Zinc, Total	565		mg/kg	4.28	0.251	2	09/10/19 17:36	09/11/19 20:43	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	10		mg/kg	0.89	0.89	1		09/11/19 20:43	NA	107,-	





Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-09

Date Collected: 09/03/19 09:55

Client ID: LB06\_6.0-8.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	1400		mg/kg	9.58	2.59	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Antimony, Total	0.690	J	mg/kg	4.79	0.364	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Arsenic, Total	7.26		mg/kg	0.958	0.199	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Barium, Total	72.8		mg/kg	0.958	0.167	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Beryllium, Total	0.086	J	mg/kg	0.479	0.032	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.958	0.094	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Calcium, Total	35000		mg/kg	9.58	3.35	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Chromium, Total	4.59		mg/kg	0.958	0.092	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Cobalt, Total	3.32		mg/kg	1.92	0.159	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Copper, Total	39.9		mg/kg	0.958	0.247	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Iron, Total	6630		mg/kg	4.79	0.865	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Lead, Total	273		mg/kg	4.79	0.257	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Magnesium, Total	1220		mg/kg	9.58	1.48	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Manganese, Total	52.8		mg/kg	0.958	0.152	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Mercury, Total	1.59		mg/kg	0.078	0.051	1	09/11/19 03:20	09/11/19 17:09	EPA 7471B	1,7471B	GD
Nickel, Total	7.88		mg/kg	2.39	0.232	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Potassium, Total	164	J	mg/kg	239	13.8	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Selenium, Total	0.680	J	mg/kg	1.92	0.247	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.958	0.271	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Sodium, Total	189	J	mg/kg	192	3.02	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.92	0.302	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Vanadium, Total	6.08		mg/kg	0.958	0.194	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
Zinc, Total	65.5		mg/kg	4.79	0.281	2	09/10/19 17:36	09/11/19 20:47	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	4.6		mg/kg	1.0	1.0	1		09/11/19 20:47	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-10

Date Collected: 09/03/19 10:15

Client ID: LB07\_1.0-3.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	3180		mg/kg	9.07	2.45	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Antimony, Total	0.698	J	mg/kg	4.54	0.345	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Arsenic, Total	4.16		mg/kg	0.907	0.189	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Barium, Total	26.9		mg/kg	0.907	0.158	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Beryllium, Total	0.154	J	mg/kg	0.454	0.030	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.907	0.089	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Calcium, Total	1940		mg/kg	9.07	3.17	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Chromium, Total	8.73		mg/kg	0.907	0.087	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Cobalt, Total	5.46		mg/kg	1.81	0.150	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Copper, Total	27.9		mg/kg	0.907	0.234	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Iron, Total	8340		mg/kg	4.54	0.819	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Lead, Total	310		mg/kg	4.54	0.243	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Magnesium, Total	1360		mg/kg	9.07	1.40	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Manganese, Total	123		mg/kg	0.907	0.144	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Mercury, Total	0.167		mg/kg	0.073	0.047	1	09/11/19 03:20	09/11/19 17:19	EPA 7471B	1,7471B	GD
Nickel, Total	13.0		mg/kg	2.27	0.220	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Potassium, Total	407		mg/kg	227	13.1	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.81	0.234	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.907	0.257	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Sodium, Total	282		mg/kg	181	2.86	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.81	0.286	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Vanadium, Total	10.4		mg/kg	0.907	0.184	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
Zinc, Total	76.6		mg/kg	4.54	0.266	2	09/10/19 17:36	09/11/19 21:04	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	8.7		mg/kg	0.91	0.91	1		09/11/19 21:04	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-11

Date Collected: 09/03/19 10:20

Client ID: LB07\_6.0-8.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5750		mg/kg	8.70	2.35	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Antimony, Total	1.96	J	mg/kg	4.35	0.330	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Arsenic, Total	20.2		mg/kg	0.870	0.181	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Barium, Total	59.3		mg/kg	0.870	0.151	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Beryllium, Total	0.313	J	mg/kg	0.435	0.029	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.870	0.085	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Calcium, Total	16500		mg/kg	8.70	3.04	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Chromium, Total	10.9		mg/kg	0.870	0.084	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Cobalt, Total	14.1		mg/kg	1.74	0.144	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Copper, Total	61.6		mg/kg	0.870	0.224	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Iron, Total	18500		mg/kg	4.35	0.785	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Lead, Total	112		mg/kg	4.35	0.233	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Magnesium, Total	2430		mg/kg	8.70	1.34	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Manganese, Total	519		mg/kg	0.870	0.138	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Mercury, Total	0.191		mg/kg	0.072	0.047	1	09/11/19 03:20	09/11/19 17:22	EPA 7471B	1,7471B	GD
Nickel, Total	24.7		mg/kg	2.17	0.210	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Potassium, Total	656		mg/kg	217	12.5	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Selenium, Total	1.07	J	mg/kg	1.74	0.224	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.870	0.246	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Sodium, Total	160	J	mg/kg	174	2.74	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.74	0.274	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Vanadium, Total	16.9		mg/kg	0.870	0.176	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
Zinc, Total	301		mg/kg	4.35	0.255	2	09/10/19 17:36	09/11/19 21:08	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	11		mg/kg	0.92	0.92	1		09/11/19 21:08	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-12

Date Collected: 09/03/19 12:50

Client ID: LB08\_0.0-2.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5860		mg/kg	8.69	2.35	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Antimony, Total	1.73	J	mg/kg	4.34	0.330	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Arsenic, Total	11.0		mg/kg	0.869	0.181	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Barium, Total	440		mg/kg	0.869	0.151	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Beryllium, Total	0.426	J	mg/kg	0.434	0.029	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.869	0.085	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Calcium, Total	26100		mg/kg	8.69	3.04	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Chromium, Total	18.5		mg/kg	0.869	0.083	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Cobalt, Total	8.91		mg/kg	1.74	0.144	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Copper, Total	179		mg/kg	0.869	0.224	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Iron, Total	16200		mg/kg	4.34	0.785	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Lead, Total	502		mg/kg	4.34	0.233	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Magnesium, Total	9990		mg/kg	8.69	1.34	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Manganese, Total	300		mg/kg	0.869	0.138	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Mercury, Total	0.472		mg/kg	0.069	0.045	1	09/11/19 03:20	09/11/19 17:25	EPA 7471B	1,7471B	GD
Nickel, Total	17.2		mg/kg	2.17	0.210	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Potassium, Total	719		mg/kg	217	12.5	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Selenium, Total	0.513	J	mg/kg	1.74	0.224	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.869	0.246	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Sodium, Total	131	J	mg/kg	174	2.74	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.74	0.274	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Vanadium, Total	19.5		mg/kg	0.869	0.176	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
Zinc, Total	705		mg/kg	4.34	0.255	2	09/10/19 17:36	09/11/19 21:12	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	18		mg/kg	0.88	0.88	1		09/11/19 21:12	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-13

Date Collected: 09/03/19 12:55

Client ID: LB08\_4.0-6.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4760		mg/kg	8.48	2.29	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Antimony, Total	0.831	J	mg/kg	4.24	0.322	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Arsenic, Total	10.3		mg/kg	0.848	0.176	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Barium, Total	60.2		mg/kg	0.848	0.148	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Beryllium, Total	0.136	J	mg/kg	0.424	0.028	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.848	0.083	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Calcium, Total	48000		mg/kg	8.48	2.97	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Chromium, Total	32.5		mg/kg	0.848	0.081	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Cobalt, Total	3.44		mg/kg	1.70	0.141	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Copper, Total	29.0		mg/kg	0.848	0.219	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Iron, Total	12800		mg/kg	4.24	0.766	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Lead, Total	114		mg/kg	4.24	0.227	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Magnesium, Total	9350		mg/kg	8.48	1.31	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Manganese, Total	347		mg/kg	0.848	0.135	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Mercury, Total	0.278		mg/kg	0.069	0.045	1	09/11/19 03:20	09/11/19 17:29	EPA 7471B	1,7471B	GD
Nickel, Total	8.92		mg/kg	2.12	0.205	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Potassium, Total	754		mg/kg	212	12.2	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Selenium, Total	1.21	J	mg/kg	1.70	0.219	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.848	0.240	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Sodium, Total	271		mg/kg	170	2.67	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.70	0.267	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Vanadium, Total	16.3		mg/kg	0.848	0.172	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
Zinc, Total	68.0		mg/kg	4.24	0.248	2	09/10/19 17:36	09/11/19 21:17	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	32		mg/kg	0.88	0.88	1		09/11/19 21:17	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-14

Date Collected: 09/03/19 14:30

Client ID: LB09\_1.0-3.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5460		mg/kg	8.34	2.25	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Antimony, Total	2.29	J	mg/kg	4.17	0.317	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Arsenic, Total	37.3		mg/kg	0.834	0.174	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Barium, Total	154		mg/kg	0.834	0.145	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Beryllium, Total	0.234	J	mg/kg	0.417	0.028	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.834	0.082	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Calcium, Total	24900		mg/kg	8.34	2.92	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Chromium, Total	15.5		mg/kg	0.834	0.080	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Cobalt, Total	6.06		mg/kg	1.67	0.138	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Copper, Total	67.2		mg/kg	0.834	0.215	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Iron, Total	18600		mg/kg	4.17	0.754	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Lead, Total	306		mg/kg	4.17	0.224	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Magnesium, Total	11700		mg/kg	8.34	1.28	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Manganese, Total	182		mg/kg	0.834	0.133	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Mercury, Total	0.609		mg/kg	0.070	0.045	1	09/11/19 03:20	09/11/19 17:32	EPA 7471B	1,7471B	GD
Nickel, Total	15.8		mg/kg	2.09	0.202	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Potassium, Total	788		mg/kg	209	12.0	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Selenium, Total	1.48	J	mg/kg	1.67	0.215	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.834	0.236	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Sodium, Total	155	J	mg/kg	167	2.63	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.67	0.263	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Vanadium, Total	25.2		mg/kg	0.834	0.169	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
Zinc, Total	194		mg/kg	4.17	0.244	2	09/10/19 17:36	09/11/19 21:22	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	16		mg/kg	0.89	0.89	1		09/11/19 21:22	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940080-15

Date Collected: 09/03/19 14:35

Client ID: LB09\_6.0-8.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4480		mg/kg	8.19	2.21	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Antimony, Total	1.36	J	mg/kg	4.10	0.311	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Arsenic, Total	10.6		mg/kg	0.819	0.170	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Barium, Total	52.1		mg/kg	0.819	0.142	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Beryllium, Total	0.164	J	mg/kg	0.410	0.027	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.819	0.080	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Calcium, Total	17200		mg/kg	8.19	2.87	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Chromium, Total	13.4		mg/kg	0.819	0.079	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Cobalt, Total	5.51		mg/kg	1.64	0.136	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Copper, Total	48.5		mg/kg	0.819	0.211	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Iron, Total	14600		mg/kg	4.10	0.740	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Lead, Total	107		mg/kg	4.10	0.220	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Magnesium, Total	3810		mg/kg	8.19	1.26	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Manganese, Total	215		mg/kg	0.819	0.130	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Mercury, Total	0.173		mg/kg	0.069	0.045	1	09/11/19 03:20	09/11/19 16:29	EPA 7471B	1,7471B	GD
Nickel, Total	19.2		mg/kg	2.05	0.198	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Potassium, Total	548		mg/kg	205	11.8	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Selenium, Total	0.311	J	mg/kg	1.64	0.211	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.819	0.232	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Sodium, Total	327		mg/kg	164	2.58	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.64	0.258	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Vanadium, Total	20.1		mg/kg	0.819	0.166	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
Zinc, Total	53.8		mg/kg	4.10	0.240	2	09/10/19 17:36	09/11/19 19:39	EPA 3050B	1,6010D	AB
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	13		mg/kg	0.88	0.89	1		09/11/19 19:39	NA	107,-	



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-15 Batch: WG1282355-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Antimony, Total	ND	mg/kg	2.00	0.152	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Arsenic, Total	ND	mg/kg	0.400	0.083	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Barium, Total	ND	mg/kg	0.400	0.070	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Beryllium, Total	ND	mg/kg	0.200	0.013	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Cadmium, Total	ND	mg/kg	0.400	0.039	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Calcium, Total	ND	mg/kg	4.00	1.40	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Chromium, Total	ND	mg/kg	0.400	0.038	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Cobalt, Total	ND	mg/kg	0.800	0.066	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Copper, Total	ND	mg/kg	0.400	0.103	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Iron, Total	ND	mg/kg	2.00	0.361	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Lead, Total	ND	mg/kg	2.00	0.107	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Magnesium, Total	ND	mg/kg	4.00	0.616	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Manganese, Total	ND	mg/kg	0.400	0.064	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Nickel, Total	ND	mg/kg	1.00	0.097	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Potassium, Total	ND	mg/kg	100	5.76	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Selenium, Total	ND	mg/kg	0.800	0.103	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Silver, Total	ND	mg/kg	0.400	0.113	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Sodium, Total	ND	mg/kg	80.0	1.26	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Thallium, Total	ND	mg/kg	0.800	0.126	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Vanadium, Total	ND	mg/kg	0.400	0.081	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB
Zinc, Total	ND	mg/kg	2.00	0.117	1	09/10/19 17:36	09/11/19 18:29	1,6010D	AB

### Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-15 Batch: WG1282546-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/11/19 03:20	09/11/19 16:09	1,7471B	GD





**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1282820-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/11/19 12:21	09/11/19 17:43	1,7470A	AL

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1282885-1									
Aluminum, Total	ND	mg/l	0.100	0.032	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Antimony, Total	ND	mg/l	0.050	0.007	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Arsenic, Total	0.004 J	mg/l	0.005	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Barium, Total	ND	mg/l	0.010	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Beryllium, Total	ND	mg/l	0.005	0.001	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Cadmium, Total	ND	mg/l	0.005	0.001	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Calcium, Total	ND	mg/l	0.100	0.035	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Chromium, Total	ND	mg/l	0.010	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Cobalt, Total	ND	mg/l	0.020	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Copper, Total	ND	mg/l	0.010	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Iron, Total	ND	mg/l	0.050	0.009	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Lead, Total	ND	mg/l	0.010	0.003	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Magnesium, Total	ND	mg/l	0.100	0.015	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Manganese, Total	ND	mg/l	0.010	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Nickel, Total	ND	mg/l	0.025	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Potassium, Total	ND	mg/l	2.50	0.237	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Selenium, Total	ND	mg/l	0.010	0.004	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Silver, Total	ND	mg/l	0.007	0.003	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Sodium, Total	ND	mg/l	2.00	0.120	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Thallium, Total	ND	mg/l	0.020	0.003	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

### Method Blank Analysis Batch Quality Control

Vanadium, Total	ND	mg/l	0.010	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC
Zinc, Total	ND	mg/l	0.050	0.002	1	09/11/19 14:43	09/11/19 23:33	1,6010D	MC

#### Prep Information

Digestion Method: EPA 3005A

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 Batch: WG1282355-2 SRM Lot Number: D105-540								
Aluminum, Total	63		-		51-149	-		
Antimony, Total	143		-		19-249	-		
Arsenic, Total	94		-		70-130	-		
Barium, Total	86		-		75-125	-		
Beryllium, Total	85		-		75-125	-		
Cadmium, Total	88		-		75-125	-		
Calcium, Total	79		-		73-127	-		
Chromium, Total	82		-		70-130	-		
Cobalt, Total	88		-		75-125	-		
Copper, Total	90		-		75-125	-		
Iron, Total	75		-		38-162	-		
Lead, Total	85		-		71-128	-		
Magnesium, Total	70		-		63-137	-		
Manganese, Total	84		-		76-124	-		
Nickel, Total	89		-		70-131	-		
Potassium, Total	76		-		60-140	-		
Selenium, Total	91		-		63-137	-		
Silver, Total	84		-		69-131	-		
Sodium, Total	92		-		37-162	-		
Thallium, Total	91		-		68-132	-		
Vanadium, Total	82		-		65-135	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Project Number:** 170229023

**Lab Number:** L1940080

**Report Date:** 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 Batch: WG1282355-2 SRM Lot Number: D105-540					
Zinc, Total	84	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 Batch: WG1282546-2 SRM Lot Number: D105-540					
Mercury, Total	95	-	60-141	-	
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1282820-2					
Mercury, Total	86	-	80-120	-	

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1282885-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	87	-	80-120	-	
Arsenic, Total	113	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	99	-	80-120	-	
Manganese, Total	93	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	102	-	80-120	-	
Thallium, Total	108	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940080

**Project Number:** 170229023

**Report Date:** 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1282885-2					
Zinc, Total	105	-	80-120	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282355-3 WG1282355-4 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
Aluminum, Total	6640	160	7130	305	Q	7720	658	Q	75-125	8		20
Antimony, Total	2.86J	40.1	38.0	95		43.1	105		75-125	13		20
Arsenic, Total	22.2	9.63	31.7	99		35.6	136	Q	75-125	12		20
Barium, Total	160	160	295	84		316	95		75-125	7		20
Beryllium, Total	0.580	4.01	3.85	82		4.22	89		75-125	9		20
Cadmium, Total	ND	4.09	3.02	74	Q	2.96	71	Q	75-125	2		20
Calcium, Total	1320	802	1960	80		2700	168	Q	75-125	32	Q	20
Chromium, Total	33.1	16	46.3	82		52.7	119		75-125	13		20
Cobalt, Total	6.30	40.1	41.4	87		45.2	95		75-125	9		20
Copper, Total	107	20.1	110	15	Q	154	229	Q	75-125	33	Q	20
Iron, Total	22500	80.2	24500	2490	Q	35600	16000	Q	75-125	37	Q	20
Lead, Total	262	40.9	248	0	Q	317	131	Q	75-125	24	Q	20
Magnesium, Total	1500	802	2140	80		2440	114		75-125	13		20
Manganese, Total	146	40.1	185	97		280	326	Q	75-125	41	Q	20
Nickel, Total	14.5	40.1	49.1	86		53.6	95		75-125	9		20
Potassium, Total	711	802	1580	108		1480	94		75-125	7		20
Selenium, Total	0.647J	9.63	9.88	103		10.4	106		75-125	5		20
Silver, Total	ND	24.1	22.1	92		23.1	94		75-125	4		20
Sodium, Total	243	802	1020	97		1030	96		75-125	1		20
Thallium, Total	ND	9.63	8.09	84		8.55	87		75-125	6		20
Vanadium, Total	24.8	40.1	61.3	91		64.0	95		75-125	4		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits			
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282355-3 WG1282355-4 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
Zinc, Total	175	40.1	193	45	Q	256	197	Q	75-125	28	Q	20



## Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282355-7 WG1282355-8 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0											
Aluminum, Total	4480	170	4480	0	Q	5180	408	Q	75-125	14	20
Antimony, Total	1.36J	42.5	43.6	102		44.5	104		75-125	2	20
Arsenic, Total	10.6	10.2	20.8	100		24.2	132	Q	75-125	15	20
Barium, Total	52.1	170	212	94		222	99		75-125	5	20
Beryllium, Total	0.164J	4.25	3.84	90		3.94	92		75-125	3	20
Cadmium, Total	ND	4.34	3.63	84		3.58	82		75-125	1	20
Calcium, Total	17200	851	14500	0	Q	13100	0	Q	75-125	10	20
Chromium, Total	13.4	17	27.2	81		26.1	74	Q	75-125	4	20
Cobalt, Total	5.51	42.5	44.3	91		45.8	94		75-125	3	20
Copper, Total	48.5	21.3	68.6	94		64.0	72	Q	75-125	7	20
Iron, Total	14600	85.1	15400	940	Q	18100	4080	Q	75-125	16	20
Lead, Total	107	43.4	189	189	Q	168	139	Q	75-125	12	20
Magnesium, Total	3810	851	4210	47	Q	3520	0	Q	75-125	18	20
Manganese, Total	215	42.5	227	28	Q	246	72	Q	75-125	8	20
Nickel, Total	19.2	42.5	55.2	85		55.4	84		75-125	0	20
Potassium, Total	548	851	1340	93		1350	94		75-125	1	20
Selenium, Total	0.311J	10.2	10.9	107		10.6	103		75-125	3	20
Silver, Total	ND	25.5	24.7	97		25.1	98		75-125	2	20
Sodium, Total	327	851	1160	98		1310	115		75-125	12	20
Thallium, Total	ND	10.2	8.90	87		8.84	86		75-125	1	20
Vanadium, Total	20.1	42.5	60.5	95		59.4	92		75-125	2	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282355-7 WG1282355-8 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0									
Zinc, Total	53.8	42.5	90.2	86	95.3	97	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282546-3 WG1282546-4 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5									
Mercury, Total	1.98	0.134	0.688	0	Q	1.68	Q	80-120	84
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282546-5 WG1282546-6 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0									
Mercury, Total	0.173	0.14	0.604	307	Q	0.303	94	80-120	66
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1282820-3 QC Sample: L1940019-14 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00483	97	-	-	75-125	-	20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03    QC Batch ID: WG1282885-3    QC Sample: L1940080-03    Client ID: SO FB01_090319									
Aluminum, Total	ND	2	1.95	98	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.443	89	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.128	107	-	-	75-125	-	20
Barium, Total	ND	2	1.89	94	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.047	94	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.051	101	-	-	75-125	-	20
Calcium, Total	ND	10	9.45	94	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.183	92	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.477	95	-	-	75-125	-	20
Copper, Total	ND	0.25	0.223	89	-	-	75-125	-	20
Iron, Total	ND	1	1.01	101	-	-	75-125	-	20
Lead, Total	ND	0.51	0.511	100	-	-	75-125	-	20
Magnesium, Total	ND	10	9.07	91	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.460	92	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.479	96	-	-	75-125	-	20
Potassium, Total	ND	10	9.75	98	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.125	104	-	-	75-125	-	20
Silver, Total	ND	0.05	0.047	94	-	-	75-125	-	20
Sodium, Total	ND	10	9.82	98	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.121	101	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.476	95	-	-	75-125	-	20

**Matrix Spike Analysis**  
Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03    QC Batch ID: WG1282885-3    QC Sample: L1940080-03    Client ID: SO FB01_090319									
Zinc, Total	ND	0.5	0.503	101	-	-	75-125	-	20

### Lab Duplicate Analysis *Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Project Number:** 170229023

**Lab Number:** L1940080

**Report Date:** 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1282820-4 QC Sample: L1940019-14 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1282885-4 QC Sample: L1940080-03 Client ID: SO FB01_090319					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	0.015J	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	0.002J	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	ND	ND	mg/l	NC	20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1282885-4 QC Sample: L1940080-03 Client ID: SO FB01_090319					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

# **INORGANICS & MISCELLANEOUS**



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-01  
**Client ID:** SODUP01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	98.6		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.811	0.162	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-02  
**Client ID:** SODUP02\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	95.3		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.839	0.168	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-03  
**Client ID:** SO FB01\_090319  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 00:00  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/04/19 05:15	09/04/19 05:38	1,7196A	MA



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-04  
**Client ID:** LB01\_0.5-2.5  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 11:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	93.7		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.854	0.171	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940080-05

Date Collected: 09/03/19 11:55

Client ID: LB01\_6.0-8.0

Date Received: 09/03/19

Sample Location: 47 COMMERCIAL ST., BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	93.1		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.859	0.172	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-06  
**Client ID:** LB05\_2.0-4.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:10  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	93.9		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.852	0.170	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-07  
**Client ID:** LB05\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:15  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	89.3		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.896	0.179	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-08  
**Client ID:** LB06\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	89.8		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.891	0.178	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH





**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-09  
**Client ID:** LB06\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 09:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	80.3		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.996	0.199	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-10  
**Client ID:** LB07\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 10:15  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	88.2		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.907	0.181	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-11  
**Client ID:** LB07\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 10:20  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.1		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.918	0.184	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-12  
**Client ID:** LB08\_0.0-2.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:50  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	90.6		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.883	0.177	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-13  
**Client ID:** LB08\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 12:55  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	91.4		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.875	0.175	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-14  
**Client ID:** LB09\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 14:30  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	90.1		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.888	0.178	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940080-15  
**Client ID:** LB09\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST., BROOKLYN

**Date Collected:** 09/03/19 14:35  
**Date Received:** 09/03/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	90.4		%	0.100	NA	1	-	09/10/19 13:37	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.885	0.177	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1279910-1									
Chromium, Hexavalent	ND	mg/l	0.010	0.003	1	09/04/19 05:15	09/04/19 05:36	1,7196A	MA
General Chemistry - Westborough Lab for sample(s): 01-02,04-10 Batch: WG1282508-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 11-15 Batch: WG1282509-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	09/10/19 23:45	09/11/19 09:12	1,7196A	NH



## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1279910-2								
Chromium, Hexavalent	99		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG1282508-2								
Chromium, Hexavalent	86		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 11-15 Batch: WG1282509-2								
Chromium, Hexavalent	86		-		80-120	-		20

**Matrix Spike Analysis**  
Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1279910-4 QC Sample: L1940080-03 Client ID: SO FB01_090319												
Chromium, Hexavalent	ND	0.1	0.100	100	-	-	-	-	85-115	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG1282508-4 WG1282508-5 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5												
Chromium, Hexavalent	ND	936	893	96	804	103	75-125	10				20
General Chemistry - Westborough Lab Associated sample(s): 11-15 QC Batch ID: WG1282509-4 WG1282509-5 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0												
Chromium, Hexavalent	ND	779	876	112	929	108	75-125	6				20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1279910-3 QC Sample: L1940080-03 Client ID: SO FB01_090319						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-15 QC Batch ID: WG1282268-1 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5						
Solids, Total	93.7	91.9	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG1282508-7 QC Sample: L1940080-04 Client ID: LB01_0.5-2.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 11-15 QC Batch ID: WG1282509-7 QC Sample: L1940080-15 Client ID: LB09_6.0-8.0						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940080

Project Number: 170229023

Report Date: 10/08/19

**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940080-01A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1940080-01B	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-01C	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-01D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L1940080-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L1940080-01F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-01G	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-02A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1940080-02B	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-02C	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-02D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L1940080-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L1940080-02F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-02G	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-03A	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Serial\_No:** 10081911:51  
**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940080-03B	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)
L1940080-03C	Vial HCl preserved	C	NA		3.4	Y	Absent		NYTCL-8260(14)
L1940080-03D	Plastic 250ml HNO3 preserved	C	<2	<2	3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L1940080-03E	Plastic 500ml unpreserved	C	7	7	3.4	Y	Absent		HEXCR-7196(1)
L1940080-03F	Amber 120ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1940080-03G	Amber 120ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8082-LVI(7)
L1940080-03H	Amber 120ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1940080-03I	Amber 120ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8081(7)
L1940080-03J	Amber 250ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1940080-03K	Amber 250ml unpreserved	C	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1940080-03L	Amber 1000ml unpreserved	C	7	7	3.4	Y	Absent		HERB-APA(7)
L1940080-03M	Amber 1000ml unpreserved	C	7	7	3.4	Y	Absent		HERB-APA(7)
L1940080-04A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1940080-04A1	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1940080-04A2	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1940080-04B	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-04B1	Vial water preserved	A	NA		3.8	Y	Absent	06-SEP-19 21:31	NYTCL-8260HLW(14)
L1940080-04B2	Vial water preserved	A	NA		3.8	Y	Absent	06-SEP-19 21:31	NYTCL-8260HLW(14)
L1940080-04C	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-04C1	Vial water preserved	A	NA		3.8	Y	Absent	06-SEP-19 21:31	NYTCL-8260HLW(14)
L1940080-04C2	Vial water preserved	A	NA		3.8	Y	Absent	06-SEP-19 21:31	NYTCL-8260HLW(14)
L1940080-04D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L1940080-04D1	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L1940080-04D2	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Serial\_No:**10081911:51  
**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940080-04E	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L1940080-04E1	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L1940080-04F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-04F1	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-04F2	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-04G	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-04G1	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-04G2	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-04M	Glass 500ml unpreserved split	A	NA		3.8	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),NYTCL-8260HLW(14),HEXCR-7196(30)
L1940080-05A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L1940080-05B	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-05C	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-05D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L1940080-05E	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L1940080-05F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-05G	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-06A	Vial MeOH preserved	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Serial\_No:**10081911:51  
**Lab Number:** L1940080  
**Report Date:** 10/08/19

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940080-06B	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-06C	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-06D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L1940080-06E	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L1940080-06F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-06G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-07A	Vial MeOH preserved	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1940080-07B	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-07C	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-07D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L1940080-07E	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L1940080-07F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-07G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-08A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-08B	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-08C	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-08D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940080-08E	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1940080-08F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)

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**Report Date:** 10/08/19

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940080-08G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-08X	Plastic 120ml HNO3 preserved Extracts	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14)
L1940080-08X9	Tumble Vessel	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14)
L1940080-09A	Vial MeOH preserved	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1940080-09B	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-09C	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-09D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L1940080-09E	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L1940080-09F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-09G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-10A	Vial MeOH preserved	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1940080-10B	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-10C	Vial water preserved	C	NA		3.4	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-10D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L1940080-10E	Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L1940080-10F	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-10G	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-11A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-11B	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-11C	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-11D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)



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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940080-11E	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L1940080-11F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-11G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-12A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-12B	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-12C	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-12D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940080-12E	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L1940080-12F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-12G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-13A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-13B	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-13C	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-13D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940080-13E	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L1940080-13F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-13G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-14A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-14B	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)

\*Values in parentheses indicate holding time in days



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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940080-14C	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-14D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940080-14E	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L1940080-14F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-14G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),NYTCL-8270(14),HEXCR-7196(30)
L1940080-15A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-15A1	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-15A2	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940080-15B	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-15B1	Vial water preserved	B	NA		4.6	Y	Absent	<b>06-SEP-19 21:31</b>	NYTCL-8260HLW(14)
L1940080-15B2	Vial water preserved	B	NA		4.6	Y	Absent	<b>06-SEP-19 21:31</b>	NYTCL-8260HLW(14)
L1940080-15C	Vial water preserved	B	NA		4.6	Y	Absent	04-SEP-19 05:10	NYTCL-8260HLW(14)
L1940080-15C1	Vial water preserved	B	NA		4.6	Y	Absent	<b>06-SEP-19 21:31</b>	NYTCL-8260HLW(14)
L1940080-15C2	Vial water preserved	B	NA		4.6	Y	Absent	<b>06-SEP-19 21:31</b>	NYTCL-8260HLW(14)
L1940080-15D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940080-15E	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L1940080-15E1	Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L1940080-15F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-15F1	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940080-15F2	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-15G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-15G1	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-15G2	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14),HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940080-16A	Vial MeOH preserved	A	NA		3.8	Y	Absent		-
L1940080-16A1	Vial MeOH preserved	A	NA		3.8	Y	Absent		-
L1940080-16B	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-16B1	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-16C	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-16C1	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-16D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		-
L1940080-16D1	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		-
L1940080-16E	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-16E1	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-16F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-16F1	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-16G	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-16G1	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-17A	Vial MeOH preserved	A	NA		3.8	Y	Absent		-
L1940080-17A1	Vial MeOH preserved	A	NA		3.8	Y	Absent		-
L1940080-17B	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-17B1	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-17C	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-17C1	Vial water preserved	A	NA		3.8	Y	Absent	04-SEP-19 05:10	-
L1940080-17E	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-17E1	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-17F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		-

**Project Name:** GPL PARCELS H1&H2

**Project Number:** 170229023

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**Lab Number:** L1940080

**Report Date:** 10/08/19

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940080-17F1	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-17G	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		-
L1940080-17G1	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		-

**Project Name:** GPL PARCELS H1&H2  
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## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

Report Format: DU Report with 'J' Qualifiers



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940080**Project Number:** 170229023**Report Date:** 10/08/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

**Terms**

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1.8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

**Data Qualifiers**

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedances are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940080  
**Report Date:** 10/08/19

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene

**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

**EPA 522.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.



9/6/19 AR

L1940080

PL

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Date Rec'd in Lab 9/4/19

ALPHA Job # L1939993



**NEW YORK CHAIN OF CUSTODY**

Westborough, MA 01581  
8 Walkup Dr.  
TEL: 508-898-9220  
FAX: 508-898-9193

Mansfield, MA 02048  
320 Forbes Blvd  
TEL: 508-822-9300  
FAX: 508-822-3288

**Service Centers**  
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5  
Albany, NY 12205: 14 Walker Way  
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

**Project Information**

Project Name: Greenpoint Landing Parcels H1d H2  
Project Location: 47 Commercial St. Brooklyn  
Project # 1702a9023  
(Use Project name as Project #)

Project Manager: Julia Leung  
ALPHAQuote #:  
Turn-Around Time  
Standard  Rush (only if pre approved)  Due Date: # of Days:

**Deliverables**

ASP-A  ASP-B  
 EQulS (1 File)  EQulS (4 File)  
 Other

**Regulatory Requirement**

NY TOGS  NY Part 375  
 AWQ Standards  NY CP-51  
 NY Restricted Use  Other  
 NY Unrestricted Use  
 NYC Sewer Discharge

**Billing Information**

Same as Client Info  
PO# CONCUR

**Disposal Site Information**

Please identify below location of applicable disposal facilities.  
Disposal Facility:  
 NJ  NY  
 Other:

**Client Information**

Client: Langan  
Address: 360 W 31st St  
New York NY  
Phone: 212 479 5400  
Fax: 212 479 3444  
Email: sleung@langan.com

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:  
\* Hold for the following analyses: PCBs, Pesticides, herbicides, TCLP metals

Please specify Metals or TAL.

**ANALYSIS**

Sample ID	Par+375 TCLVOCs	Par+375 TCLSVCS	TAL Metals	PCBs	Pesticides	Herbicides	TCLP Metals	HOLD *
40080-01	X	X	X	X	X	X	X	
40080-02	X	X	X	X	X	X	X	
40080-04	X	X	X	X	X	X	X	
40080-15	X	X	X	X	X	X	X	
-03	X	X	X	X	X	X	X	
-04	X	X	X					X
-05	X	X	X					X
-06	X	X	X					X

**Sample Filtration**

Done  
 Lab to do  
 Lab to do  
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
40080-01	SO DUP01-090319	9/3/19	-	S	DL
40080-02	SO DUP02-090319	9/3/19	-	S	DL
40080-04	SO MSD01-090319	9/3/19	-	S	DL
40080-15	SO MSD02-090319	9/3/19	-	S	DL
	SO MS02-090319	9/3/19	-	S	DL
-03	SO FB01-090319	9/3/19	-	S	DL
-04	LB01-0.5-2.5	9/3/19	1150	S	DL
-05	LB01-6.0-8.0	9/3/19	1155	S	DL
-06	LB05-2.0-4.0	9/3/19	0910	S	D

Preservative Code:  
A = None  
B = HCl  
C = HNO<sub>3</sub>  
D = H<sub>2</sub>SO<sub>4</sub>  
E = NaOH  
F = MeOH  
G = NaHSO<sub>4</sub>  
H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
K/E = Zn Ac/NaOH  
O = Other

Container Code:  
P = Plastic  
A = Amber Glass  
V = Vial  
G = Glass  
B = Bacteria Cup  
C = Cube  
O = Other  
E = Encore  
D = BOD Bottle

Westboro: Certification No: MA935  
Mansfield: Certification No: MA015

Relinquished By: [Signature]  
Date/Time: 9/3/19 1515


Received By: [Signature]  
Date/Time: 9/3/19 1515

Container Type	Preservative	Par+375 TCLVOCs	Par+375 TCLSVCS	TAL Metals	PCBs	Pesticides	Herbicides	TCLP Metals	HOLD *
V	A/F	A	A	A	A	A	A	A	A

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

9/6/19 AR

L1940080

 <p><b>NEW YORK CHAIN OF CUSTODY</b></p> <p>Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193</p> <p>Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288</p>	<p><b>Service Centers</b></p> <p>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105</p>	<p>Page <u>2</u> of <u>2</u></p>	<p>Date Rec'd In Lab <u>9/4/19</u></p>	<p>ALPHA Job # <u>L1939993</u></p>																	
	<p><b>Project Information</b></p> <p>Project Name: <u>Greenpoint Landing Parcels H14H2</u> Project Location: <u>47 Commercial St. Brooklyn</u> Project # <u>1700229023</u> (Use Project name as Project #) <input type="checkbox"/></p> <p>Project Manager: <u>Julia Leung</u> ALPHAQuote #:</p> <p>Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:</p>		<p><b>Deliverables</b></p> <p><input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other</p> <p><b>Regulatory Requirement</b></p> <p><input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge</p>		<p><b>Billing Information</b></p> <p><input checked="" type="checkbox"/> Same as Client Info PO # <u>CONCERN</u></p>																
<p><b>Client Information</b></p> <p>Client: <u>Langan</u> Address: <u>360 W 31st St New York NY</u> Phone: <u>212 477 5400</u> Fax: <u>212 479 5444</u> Email: <u>jleung@langan.com</u></p>		<p><b>Disposal Site Information</b></p> <p>Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:</p>		<p><b>ANALYSIS</b></p> <table border="1"> <tr> <th>TCL VOCs</th> <th>TCL SVOCs</th> <th>TAL Metals</th> <th>HOLD #</th> <th>PCBs</th> <th>Pesticides</th> <th>Herbicides</th> <th>TCL Metals</th> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		TCL VOCs	TCL SVOCs	TAL Metals	HOLD #	PCBs	Pesticides	Herbicides	TCL Metals	X	X	X	X				
TCL VOCs	TCL SVOCs	TAL Metals	HOLD #	PCBs	Pesticides	Herbicides	TCL Metals														
X	X	X	X																		
<p>These samples have been previously analyzed by Alpha <input type="checkbox"/></p> <p>Other project specific requirements/comments: <u>Hold for the following analyses: PCBs, pesticides, herbicides and TCLP Metals</u> Please specify Metals or TAL.</p>		<p><b>Sample Filtration</b></p> <p><input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)</p>		<p><b>Total Bottles</b></p>																	
<p>ALPHA Lab ID (Lab Use Only)</p>	<p>Sample ID</p>	<p>Collection</p> <p>Date Time</p>	<p>Sample Matrix</p>	<p>Sampler's Initials</p>	<p>Sample Specific Comments</p>																
<p>39993-07</p>	<p>LB05-6.0-8.0</p>	<p>9/3/19 0915</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>40080-08</p>	<p>LB06-1.0-3.0</p>	<p>9/3/19 0950</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-09</p>	<p>LB06-6.0-8.0</p>	<p>9/3/19 0955</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-10</p>	<p>LB07-1.0-3.0</p>	<p>9/3/19 1015</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-11</p>	<p>LB07-6.0-8.0</p>	<p>9/3/19 1020</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-12</p>	<p>LB08-0.0-2.0</p>	<p>9/3/19 1250</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-13</p>	<p>LB08-4.0-6.0</p>	<p>9/3/19 1255</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-14</p>	<p>LB09-1.0-3.0</p>	<p>9/3/19 1430</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>-15</p>	<p>LB09-6.0-8.0</p>	<p>9/3/19 1435</p>	<p>S</p>	<p>DL</p>	X	X	X	X													
<p>Preservative Code: A = None B = HCl C = HNO<sub>3</sub> D = H<sub>2</sub>SO<sub>4</sub> E = NaOH F = MeOH G = NaHSO<sub>4</sub> H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> K/E = Zn Ac/NaOH O = Other</p>	<p>Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle</p>	<p>Westboro: Certification No: MA935 Mansfield: Certification No: MA015</p>	<p>Container Type V A/B A/B A/B</p>	<p>Preservative A/F A A A</p>	<p>Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS &amp; CONDITIONS. (See reverse side.)</p>																
<p>Relinquished By: <u>Julia Leung Langan</u></p>		<p>Date/Time <u>9/3/19 1515</u></p>	<p>Received By: <u>Raulk John AM</u></p>		<p>Date/Time <u>9/3/19 1515</u></p>																
<p><u>[Signature]</u></p>		<p><u>9/3 1734</u></p>	<p><u>[Signature]</u></p>		<p><u>9/3/19 1733</u></p>																
<p><u>[Signature]</u></p>		<p><u>9/4/19 0035</u></p>	<p><u>[Signature]</u></p>		<p><u>9/4/19 00:35</u></p>																



## ANALYTICAL REPORT

Lab Number:	L1940231
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Julia Leung
Phone:	(212) 479-5400
Project Name:	GPL PARCELS H1&H2
Project Number:	170229023
Report Date:	10/08/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

---

Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1940231-01	SOFB02_090419	WATER	47 COMMERCIAL ST. BROOKLYN	09/04/19 00:00	09/04/19
L1940231-02	LB02_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 12:15	09/04/19
L1940231-03	LB02_6.0-8.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 12:20	09/04/19
L1940231-04	LB03_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 15:05	09/04/19
L1940231-05	LB03_4.0-6.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 15:10	09/04/19
L1940231-06	LB04_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 15:40	09/04/19
L1940231-07	LB04_4.0-6.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 15:45	09/04/19
L1940231-08	LB10_2.0-4.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 08:10	09/04/19
L1940231-09	LB10_6.0-8.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 08:15	09/04/19
L1940231-10	LB11_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 08:40	09/04/19
L1940231-11	LB11_6.0-8.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 08:45	09/04/19
L1940231-12	LB12_2.0-4.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 09:40	09/04/19
L1940231-13	LB12_6.0-8.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 09:45	09/04/19
L1940231-14	LB13_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 11:05	09/04/19
L1940231-15	LB13_4.0-6.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 11:00	09/04/19
L1940231-16	LB14_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 13:30	09/04/19
L1940231-17	LB14_6.0-8.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 13:35	09/04/19
L1940231-18	LB15_1.0-3.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 14:05	09/04/19
L1940231-19	LB15_5.0-7.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 14:10	09/04/19
L1940231-20	LB03_13.0-15.0	SOIL	47 COMMERCIAL ST. BROOKLYN	09/04/19 15:15	09/04/19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

### Case Narrative (continued)

#### Report Submission

October 08, 2019: This final report includes the results of all requested analyses.

September 12, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Sample Receipt

The analyses performed were specified by the client.

L1940231-17: The sample identified as "LB14\_4.0-6.0" on the chain of custody was identified as "LB14\_6.0-8.0" on the container label. At the client's request, the sample is reported as "LB14\_6.0-8.0".

#### Volatile Organics

L1940231-09: The internal standard (IS) response(s) for chlorobenzene-d5 (28%) and 1,4-dichlorobenzene-d4 (7%) and the surrogate recoveries for toluene-d8 (175%) and 4-bromofluorobenzene (210%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (43%), 1,4-dichlorobenzene-d4 (14%), toluene-d8 (150%) and 4-bromofluorobenzene (188%). The results of both analyses are reported.

L1940231-11: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1940231-14: The internal standard (IS) response(s) for fluorobenzene (31%), chlorobenzene-d5 (9%), and 1,4-dichlorobenzene-d4 (2%) and the surrogate recoveries for toluene-d8 (199%), 4-bromofluorobenzene (179%) and dibromofluoromethane (139%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (48%), 1,4-dichlorobenzene-d4 (17%), toluene-d8 (139%), and 4-bromofluorobenzene (175%). The results of both analyses are reported.

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

### Case Narrative (continued)

#### Semivolatile Organics

L1940231-09 and -19: The sample has elevated detection limits due to the dilution required by the sample matrix.

#### PCBs

The WG1281081-1 Method Blank, associated with L1940231-01, has a concentration above the reporting limit for Aroclor 1260. Since the sample was non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

#### Total Metals

L1940231-02 through -19: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1281408-3 MS recovery, performed on L1940231-02, is outside the acceptance criteria for mercury (435%). A post digestion spike was performed and was within acceptance criteria.

The WG1282300-3 MS recoveries for aluminum (0%), calcium (345%), copper (0%), iron (0%), lead (0%), manganese (0%) and zinc (0%), performed on L1940231-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1282300-3 MS recoveries, performed on L1940231-02, are outside the acceptance criteria for arsenic (28%), barium (49%), beryllium (46%), potassium (54%), sodium (68%) and vanadium (72%). A post digestion spike was performed and was within acceptance criteria.

The WG1282300-3 MS recoveries, performed on L1940231-02, are outside the acceptance criteria for chromium (0%), magnesium (9%) and nickel (6%). A post digestion spike was performed and yielded unacceptable recoveries for chromium (75%), magnesium (72%) and nickel (73%). The serial dilution recoveries were acceptable; therefore, the matrix test passed for the sample matrix.

The WG1282300-3 MS recovery, performed on L1940231-02, is outside the acceptance criteria for cobalt (54%). A post digestion spike was performed and yielded an unacceptable recovery for cobalt (75%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

### Case Narrative (continued)

native sample should be considered estimated.

The WG1282300-4 Laboratory Duplicate RPDs for arsenic (65%), beryllium (54%), calcium (83%), chromium (24%), cobalt (46%), copper (54%), lead (27%), nickel (42%), sodium (59%), vanadium (45%) and zinc (77%), performed on L1940231-02, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

#### Hexavalent Chromium


L1940231-01 was analyzed with the method required holding time exceeded.

The WG1281687-2 LCS recovery (70%), associated with L1940231-02 through -11, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1281688-2 LCS recovery (70%), associated with L1940231-12 through -19, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 10/08/19



# ORGANICS

# VOLATILES

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-01  
**Client ID:** SOFB02\_090419  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 00:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8260C  
**Analytical Date:** 09/09/19 16:06  
**Analyst:** AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-01  
 Client ID: SOFB02\_090419  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 00:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-01  
**Client ID:** SOFB02\_090419  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 00:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-02  
 Client ID: LB02\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 12:52  
 Analyst: JC  
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	0.28	J	ug/kg	1.8	0.16	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-02  
 Client ID: LB02\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	0.28	J	ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	7.4	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-02  
**Client ID:** LB02\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 12:15  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	107		70-130



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-03  
 Client ID: LB02\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:20  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 13:32  
 Analyst: JC  
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.17	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	0.27	J	ug/kg	1.6	0.15	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-03  
 Client ID: LB02\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:20  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	0.26	J	ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	0.27	J	ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	80		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	10	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-03  
 Client ID: LB02\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:20  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	105		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-04  
 Client ID: LB03\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 14:11  
 Analyst: JC  
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-04  
 Client ID: LB03\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	87		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	8.0	J	ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-04  
**Client ID:** LB03\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 15:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-05  
 Client ID: LB03\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 14:51  
 Analyst: JC  
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	0.16	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-05  
 Client ID: LB03\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	65		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	9.3	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-05  
**Client ID:** LB03\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 15:10  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	105		70-130

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-06  
 Client ID: LB04\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 15:30  
 Analyst: JC  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	0.20	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	0.61	J	ug/kg	1.8	0.17	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-06  
 Client ID: LB04\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	0.61	J	ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	14		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-06  
**Client ID:** LB04\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 15:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-07  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 16:09  
 Analyst: JC  
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.17	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	0.32	J	ug/kg	1.6	0.15	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-07  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	0.32	J	ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	25		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-07  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-08  
 Client ID: LB10\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 16:49  
 Analyst: JC  
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	0.40	J	ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-08  
 Client ID: LB10\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	50		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	4.5	J	ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-08  
 Client ID: LB10\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	103		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-09  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 20:54  
 Analyst: NLK  
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	4.8		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	0.61	J	ug/kg	2.0	0.18	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-09  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	0.61	J	ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	10	J	ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	0.41	J	ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	1.3	J	ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-09  
**Client ID:** LB10\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:15  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	0.68	J	ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	1.1	J	ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	0.31	J	ug/kg	2.6	0.23	1
p-Ethyltoluene	1.4	J	ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	175	Q	70-130
4-Bromofluorobenzene	210	Q	70-130
Dibromofluoromethane	99		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-09 R  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 09:48  
 Analyst: JC  
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	1.0	1
1,2-Dichloroethane	4.4		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.72	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.9	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.20	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-09 R  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.80	1
o-Xylene	ND		ug/kg	1.4	0.42	1
Xylenes, Total	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	8.6	J	ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.72	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.27	1
p-Chlorotoluene	ND		ug/kg	2.9	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.93	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-09 R  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.25	1
p-Ethyltoluene	ND		ug/kg	2.9	0.55	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.27	1
Ethyl ether	ND		ug/kg	2.9	0.49	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	150	Q	70-130
4-Bromofluorobenzene	188	Q	70-130
Dibromofluoromethane	96		70-130



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-10  
 Client ID: LB11\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 17:28  
 Analyst: JC  
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.18	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	0.46	J	ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	0.40	J	ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-10  
 Client ID: LB11\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	61		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-10  
**Client ID:** LB11\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	103		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-11  
 Client ID: LB11\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 14:06  
 Analyst: NLK  
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 High - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	320	140	1
1,1-Dichloroethane	ND		ug/kg	63	9.2	1
Chloroform	ND		ug/kg	95	8.9	1
Carbon tetrachloride	ND		ug/kg	63	14.	1
1,2-Dichloropropane	ND		ug/kg	63	7.9	1
Dibromochloromethane	ND		ug/kg	63	8.9	1
1,1,2-Trichloroethane	ND		ug/kg	63	17.	1
Tetrachloroethene	ND		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.0	1
Trichlorofluoromethane	ND		ug/kg	250	44.	1
1,2-Dichloroethane	ND		ug/kg	63	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	10.	1
Bromodichloromethane	ND		ug/kg	32	6.9	1
trans-1,3-Dichloropropene	ND		ug/kg	63	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	32	10.	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	250	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	10.	1
Benzene	ND		ug/kg	32	10.	1
Toluene	ND		ug/kg	63	34.	1
Ethylbenzene	28	J	ug/kg	63	8.9	1
Chloromethane	ND		ug/kg	250	59.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	63	21.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	63	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	95	8.7	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-11  
 Client ID: LB11\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	32	8.7	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.1	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.4	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	40	J	ug/kg	130	36.	1
o-Xylene	ND		ug/kg	63	18.	1
Xylenes, Total	40	J	ug/kg	63	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	63	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	63	8.7	1
Dibromomethane	ND		ug/kg	130	15.	1
Styrene	ND		ug/kg	63	12.	1
Dichlorodifluoromethane	ND		ug/kg	630	58.	1
Acetone	ND		ug/kg	630	300	1
Carbon disulfide	ND		ug/kg	630	290	1
2-Butanone	ND		ug/kg	630	140	1
Vinyl acetate	ND		ug/kg	630	140	1
4-Methyl-2-pentanone	ND		ug/kg	630	81.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.0	1
2-Hexanone	ND		ug/kg	630	75.	1
Bromochloromethane	ND		ug/kg	130	13.	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	63	18.	1
1,3-Dichloropropane	ND		ug/kg	130	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.4	1
Bromobenzene	ND		ug/kg	130	9.2	1
n-Butylbenzene	18	J	ug/kg	63	10.	1
sec-Butylbenzene	ND		ug/kg	63	9.2	1
tert-Butylbenzene	ND		ug/kg	130	7.5	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	6.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	63.	1
Hexachlorobutadiene	ND		ug/kg	250	11.	1
Isopropylbenzene	9.2	J	ug/kg	63	6.9	1
p-Isopropyltoluene	25	J	ug/kg	63	6.9	1
Naphthalene	ND		ug/kg	250	41.	1
Acrylonitrile	ND		ug/kg	250	73.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-11  
**Client ID:** LB11\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:45  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	28	J	ug/kg	63	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	21	J	ug/kg	130	21.	1
1,4-Dioxane	ND		ug/kg	5100	2200	1
p-Diethylbenzene	18	J	ug/kg	130	11.	1
p-Ethyltoluene	42	J	ug/kg	130	24.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	130	12.	1
Ethyl ether	ND		ug/kg	130	22.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	320	90.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-12  
 Client ID: LB12\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 18:08  
 Analyst: KJD  
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.79	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.86	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-12  
 Client ID: LB12\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	79		ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	3.5	J	ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-12  
**Client ID:** LB12\_2.0-4.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 09:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
1,4-Dioxane	ND		ug/kg	130	55.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.61	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	104		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-13  
 Client ID: LB12\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 18:47  
 Analyst: KJD  
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.26	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.32	J	ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-13  
 Client ID: LB12\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-13  
 Client ID: LB12\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-14  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 19:27  
 Analyst: KJD  
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	0.35	J	ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.24	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.70	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	0.30	J	ug/kg	0.70	0.23	1
Toluene	1.2	J	ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-14  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	150		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	5.1	J	ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.70	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.92	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-14  
**Client ID:** LB13\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 11:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	<b>199</b>	Q	70-130
4-Bromofluorobenzene	<b>179</b>	Q	70-130
Dibromofluoromethane	<b>139</b>	Q	70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-14 R  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/11/19 01:09  
 Analyst: NLK  
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	8.5	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.85	0.33	1
Chlorobenzene	ND		ug/kg	0.85	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.85	0.28	1
Bromodichloromethane	ND		ug/kg	0.85	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.85	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.85	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.85	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.85	0.28	1
Benzene	ND		ug/kg	0.85	0.28	1
Toluene	ND		ug/kg	1.7	0.92	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.57	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-14 R  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatiles Organics by EPA 5035 Low - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	0.85	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.95	1
o-Xylene	ND		ug/kg	1.7	0.49	1
Xylenes, Total	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.23	1
Dibromomethane	ND		ug/kg	3.4	0.40	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	30		ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.7	1
2-Butanone	ND		ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.21	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.85	0.22	1
Bromobenzene	ND		ug/kg	3.4	0.24	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.32	1
p-Chlorotoluene	ND		ug/kg	3.4	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.28	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.8	1.1	1
Acrylonitrile	ND		ug/kg	6.8	1.9	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-14 R  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.56	1
1,4-Dioxane	ND		ug/kg	140	59.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.65	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.32	1
Ethyl ether	ND		ug/kg	3.4	0.58	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.5	2.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	139	Q	70-130
4-Bromofluorobenzene	175	Q	70-130
Dibromofluoromethane	98		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-15  
 Client ID: LB13\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 14:31  
 Analyst: NLK  
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 High - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	430	200	1
1,1-Dichloroethane	ND		ug/kg	86	12.	1
Chloroform	ND		ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	86	20.	1
1,2-Dichloropropane	ND		ug/kg	86	11.	1
Dibromochloromethane	ND		ug/kg	86	12.	1
1,1,2-Trichloroethane	ND		ug/kg	86	23.	1
Tetrachloroethene	ND		ug/kg	43	17.	1
Chlorobenzene	ND		ug/kg	43	11.	1
Trichlorofluoromethane	ND		ug/kg	340	60.	1
1,2-Dichloroethane	ND		ug/kg	86	22.	1
1,1,1-Trichloroethane	ND		ug/kg	43	14.	1
Bromodichloromethane	ND		ug/kg	43	9.4	1
trans-1,3-Dichloropropene	ND		ug/kg	86	24.	1
cis-1,3-Dichloropropene	ND		ug/kg	43	14.	1
1,3-Dichloropropene, Total	ND		ug/kg	43	14.	1
1,1-Dichloropropene	ND		ug/kg	43	14.	1
Bromoform	ND		ug/kg	340	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	43	14.	1
Benzene	53		ug/kg	43	14.	1
Toluene	ND		ug/kg	86	47.	1
Ethylbenzene	33	J	ug/kg	86	12.	1
Chloromethane	ND		ug/kg	340	80.	1
Bromomethane	ND		ug/kg	170	50.	1
Vinyl chloride	ND		ug/kg	86	29.	1
Chloroethane	ND		ug/kg	170	39.	1
1,1-Dichloroethene	ND		ug/kg	86	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-15  
 Client ID: LB13\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 High - Westborough Lab</b>						
Trichloroethene	ND		ug/kg	43	12.	1
1,2-Dichlorobenzene	ND		ug/kg	170	12.	1
1,3-Dichlorobenzene	ND		ug/kg	170	13.	1
1,4-Dichlorobenzene	ND		ug/kg	170	15.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	210		ug/kg	170	48.	1
o-Xylene	82	J	ug/kg	86	25.	1
Xylenes, Total	290	J	ug/kg	86	25.	1
cis-1,2-Dichloroethene	ND		ug/kg	86	15.	1
1,2-Dichloroethene, Total	ND		ug/kg	86	12.	1
Dibromomethane	ND		ug/kg	170	20.	1
Styrene	ND		ug/kg	86	17.	1
Dichlorodifluoromethane	ND		ug/kg	860	79.	1
Acetone	ND		ug/kg	860	420	1
Carbon disulfide	ND		ug/kg	860	390	1
2-Butanone	ND		ug/kg	860	190	1
Vinyl acetate	ND		ug/kg	860	180	1
4-Methyl-2-pentanone	ND		ug/kg	860	110	1
1,2,3-Trichloropropane	ND		ug/kg	170	11.	1
2-Hexanone	ND		ug/kg	860	100	1
Bromochloromethane	ND		ug/kg	170	18.	1
2,2-Dichloropropane	ND		ug/kg	170	17.	1
1,2-Dibromoethane	ND		ug/kg	86	24.	1
1,3-Dichloropropane	ND		ug/kg	170	14.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	43	11.	1
Bromobenzene	ND		ug/kg	170	12.	1
n-Butylbenzene	180		ug/kg	86	14.	1
sec-Butylbenzene	200		ug/kg	86	13.	1
tert-Butylbenzene	61	J	ug/kg	170	10.	1
o-Chlorotoluene	ND		ug/kg	170	16.	1
p-Chlorotoluene	ND		ug/kg	170	9.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	86.	1
Hexachlorobutadiene	ND		ug/kg	340	14.	1
Isopropylbenzene	37	J	ug/kg	86	9.4	1
p-Isopropyltoluene	92		ug/kg	86	9.4	1
Naphthalene	180	J	ug/kg	340	56.	1
Acrylonitrile	ND		ug/kg	340	99.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-15  
**Client ID:** LB13\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 11:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 High - Westborough Lab</b>						
n-Propylbenzene	170		ug/kg	86	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	23.	1
1,3,5-Trimethylbenzene	640		ug/kg	170	17.	1
1,2,4-Trimethylbenzene	760		ug/kg	170	29.	1
1,4-Dioxane	ND		ug/kg	6900	3000	1
p-Diethylbenzene	640		ug/kg	170	15.	1
p-Ethyltoluene	380		ug/kg	170	33.	1
1,2,4,5-Tetramethylbenzene	3100		ug/kg	170	16.	1
Ethyl ether	ND		ug/kg	170	29.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	430	120	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	93		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-16  
 Client ID: LB14\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:30  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 11:58  
 Analyst: AD  
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.24	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.25	1
Benzene	ND		ug/kg	0.74	0.25	1
Toluene	ND		ug/kg	1.5	0.81	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-16  
 Client ID: LB14\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:30  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.97	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-16  
**Client ID:** LB14\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 13:30  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-17  
 Client ID: LB14\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:35  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 12:24  
 Analyst: AD  
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	9.1	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.99	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	0.39	J	ug/kg	2.7	0.25	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-17  
 Client ID: LB14\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:35  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.37	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	0.39	J	ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.8	1
Carbon disulfide	ND		ug/kg	18	8.3	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.35	1
p-Chlorotoluene	ND		ug/kg	3.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.3	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.3	1.2	1
Acrylonitrile	ND		ug/kg	7.3	2.1	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-17  
**Client ID:** LB14\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 13:35  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.61	1
1,4-Dioxane	ND		ug/kg	140	64.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.35	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	2.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-18  
 Client ID: LB15\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 12:49  
 Analyst: AD  
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	7.7	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.22	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.41	1
Tetrachloroethene	ND		ug/kg	0.77	0.30	1
Chlorobenzene	ND		ug/kg	0.77	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.2	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.26	1
Bromodichloromethane	ND		ug/kg	0.77	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.42	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.77	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.77	0.24	1
Bromoform	ND		ug/kg	6.2	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.26	1
Benzene	ND		ug/kg	0.77	0.26	1
Toluene	ND		ug/kg	1.5	0.84	1
Ethylbenzene	ND		ug/kg	1.5	0.22	1
Chloromethane	ND		ug/kg	6.2	1.4	1
Bromomethane	ND		ug/kg	3.1	0.90	1
Vinyl chloride	ND		ug/kg	1.5	0.52	1
Chloroethane	ND		ug/kg	3.1	0.70	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-18  
 Client ID: LB15\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.77	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.31	1
p/m-Xylene	ND		ug/kg	3.1	0.86	1
o-Xylene	ND		ug/kg	1.5	0.45	1
Xylenes, Total	ND		ug/kg	1.5	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.4	1
Carbon disulfide	ND		ug/kg	15	7.0	1
2-Butanone	ND		ug/kg	15	3.4	1
Vinyl acetate	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.43	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.77	0.20	1
Bromobenzene	ND		ug/kg	3.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.26	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.29	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.5	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.17	1
Naphthalene	ND		ug/kg	6.2	1.0	1
Acrylonitrile	ND		ug/kg	6.2	1.8	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-18  
**Client ID:** LB15\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 14:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.42	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	54.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.27	1
p-Ethyltoluene	ND		ug/kg	3.1	0.59	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.29	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.7	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-19  
 Client ID: LB15\_5.0-7.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260C  
 Analytical Date: 09/10/19 13:15  
 Analyst: AD  
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by EPA 5035 Low - Westborough Lab</b>						
Methylene chloride	ND		ug/kg	8.9	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.89	0.35	1
Chlorobenzene	ND		ug/kg	0.89	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.1	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.30	1
Bromodichloromethane	ND		ug/kg	0.89	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.49	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	0.89	0.28	1
1,1-Dichloropropene	ND		ug/kg	0.89	0.28	1
Bromoform	ND		ug/kg	7.1	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.30	1
Benzene	ND		ug/kg	0.89	0.30	1
Toluene	ND		ug/kg	1.8	0.97	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.1	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.60	1
Chloroethane	ND		ug/kg	3.6	0.81	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	0.39	J	ug/kg	2.7	0.24	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-19  
 Client ID: LB15\_5.0-7.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.89	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.52	1
Xylenes, Total	ND		ug/kg	1.8	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
1,2-Dichloroethene, Total	0.39	J	ug/kg	1.8	0.24	1
Dibromomethane	ND		ug/kg	3.6	0.42	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	53		ug/kg	18	8.6	1
Carbon disulfide	ND		ug/kg	18	8.1	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.8	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.89	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.34	1
p-Chlorotoluene	ND		ug/kg	3.6	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.1	0.30	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.19	1
Naphthalene	ND		ug/kg	7.1	1.2	1
Acrylonitrile	ND		ug/kg	7.1	2.0	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-19  
**Client ID:** LB15\_5.0-7.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 14:10  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.60	1
1,4-Dioxane	ND		ug/kg	140	63.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.68	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.34	1
Ethyl ether	ND		ug/kg	3.6	0.61	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.9	2.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/09/19 08:29  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1281895-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	0.98	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/09/19 08:29  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1281895-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/09/19 08:29  
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1281895-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 09:51  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 16-19 Batch: WG1282256-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 09:51  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 16-19 Batch: WG1282256-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
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**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 09:51  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 16-19 Batch: WG1282256-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 09:51  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11,15 Batch: WG1282378-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8



**Project Name:** GPL PARCELS H1&H2  
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**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 09:51  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11,15 Batch: WG1282378-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 09:51  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 11,15 Batch: WG1282378-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 10:54  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08,10,12-14 Batch: WG1282437-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.23	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 10:54  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08,10,12-14 Batch: WG1282437-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 10:54  
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-08,10,12-14 Batch: WG1282437-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 20:29  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,14 Batch: WG1282697-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 20:29  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,14 Batch: WG1282697-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/10/19 20:29  
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,14 Batch: WG1282697-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	92		70-130



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 08:05  
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1282722-5					
Methylene chloride	2.5	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 08:05  
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1282722-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8260C  
Analytical Date: 09/11/19 08:05  
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09 Batch: WG1282722-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	92		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281895-3 WG1281895-4								
Methylene chloride	90		92		70-130	2		20
1,1-Dichloroethane	94		93		70-130	1		20
Chloroform	88		93		70-130	6		20
Carbon tetrachloride	89		89		63-132	0		20
1,2-Dichloropropane	93		95		70-130	2		20
Dibromochloromethane	89		89		63-130	0		20
1,1,2-Trichloroethane	97		96		70-130	1		20
Tetrachloroethene	89		90		70-130	1		20
Chlorobenzene	89		90		75-130	1		20
Trichlorofluoromethane	89		89		62-150	0		20
1,2-Dichloroethane	90		93		70-130	3		20
1,1,1-Trichloroethane	87		87		67-130	0		20
Bromodichloromethane	89		90		67-130	1		20
trans-1,3-Dichloropropene	91		92		70-130	1		20
cis-1,3-Dichloropropene	90		91		70-130	1		20
1,1-Dichloropropene	93		91		70-130	2		20
Bromoform	89		94		54-136	5		20
1,1,2,2-Tetrachloroethane	95		97		67-130	2		20
Benzene	94		94		70-130	0		20
Toluene	91		91		70-130	0		20
Ethylbenzene	90		89		70-130	1		20
Chloromethane	86		85		64-130	1		20
Bromomethane	99		95		39-139	4		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281895-3 WG1281895-4								
Vinyl chloride	88		87		55-140	1		20
Chloroethane	93		92		55-138	1		20
1,1-Dichloroethene	89		91		61-145	2		20
trans-1,2-Dichloroethene	92		93		70-130	1		20
Trichloroethene	90		91		70-130	1		20
1,2-Dichlorobenzene	92		92		70-130	0		20
1,3-Dichlorobenzene	91		90		70-130	1		20
1,4-Dichlorobenzene	90		90		70-130	0		20
Methyl tert butyl ether	92		94		63-130	2		20
p/m-Xylene	90		85		70-130	6		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	90		90		70-130	0		20
Dibromomethane	92		94		70-130	2		20
1,2,3-Trichloropropane	94		92		64-130	2		20
Acrylonitrile	110		110		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	82		82		36-147	0		20
Acetone	110		110		58-148	0		20
Carbon disulfide	91		87		51-130	4		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	97		98		70-130	1		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	100		100		57-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281895-3 WG1281895-4								
Bromochloromethane	95		96		70-130	1		20
2,2-Dichloropropane	94		96		63-133	2		20
1,2-Dibromoethane	94		95		70-130	1		20
1,3-Dichloropropane	97		96		70-130	1		20
1,1,1,2-Tetrachloroethane	87		88		64-130	1		20
Bromobenzene	90		91		70-130	1		20
n-Butylbenzene	92		92		53-136	0		20
sec-Butylbenzene	94		93		70-130	1		20
tert-Butylbenzene	92		92		70-130	0		20
o-Chlorotoluene	90		92		70-130	2		20
p-Chlorotoluene	92		92		70-130	0		20
1,2-Dibromo-3-chloropropane	96		92		41-144	4		20
Hexachlorobutadiene	85		82		63-130	4		20
Isopropylbenzene	93		92		70-130	1		20
p-Isopropyltoluene	92		92		70-130	0		20
Naphthalene	96		99		70-130	3		20
n-Propylbenzene	93		91		69-130	2		20
1,2,3-Trichlorobenzene	94		95		70-130	1		20
1,2,4-Trichlorobenzene	92		94		70-130	2		20
1,3,5-Trimethylbenzene	92		92		64-130	0		20
1,2,4-Trimethylbenzene	94		93		70-130	1		20
1,4-Dioxane	120		114		56-162	5		20
p-Diethylbenzene	90		90		70-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281895-3 WG1281895-4								
p-Ethyltoluene	92		92		70-130	0		20
1,2,4,5-Tetramethylbenzene	94		94		70-130	0		20
Ethyl ether	93		97		59-134	4		20
trans-1,4-Dichloro-2-butene	90		89		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	91		91		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 16-19 Batch: WG1282256-3 WG1282256-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	85		83		70-130	2		30
Chloroform	93		91		70-130	2		30
Carbon tetrachloride	86		83		70-130	4		30
1,2-Dichloropropane	85		85		70-130	0		30
Dibromochloromethane	88		86		70-130	2		30
1,1,2-Trichloroethane	87		85		70-130	2		30
Tetrachloroethene	90		87		70-130	3		30
Chlorobenzene	85		84		70-130	1		30
Trichlorofluoromethane	80		77		70-139	4		30
1,2-Dichloroethane	93		91		70-130	2		30
1,1,1-Trichloroethane	87		85		70-130	2		30
Bromodichloromethane	88		85		70-130	3		30
trans-1,3-Dichloropropene	89		86		70-130	3		30
cis-1,3-Dichloropropene	91		89		70-130	2		30
1,1-Dichloropropene	88		85		70-130	3		30
Bromoform	90		89		70-130	1		30
1,1,2,2-Tetrachloroethane	85		82		70-130	4		30
Benzene	87		85		70-130	2		30
Toluene	86		83		70-130	4		30
Ethylbenzene	87		85		70-130	2		30
Chloromethane	93		82		52-130	13		30
Bromomethane	90		90		57-147	0		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 16-19 Batch: WG1282256-3 WG1282256-4								
Vinyl chloride	83		78		67-130	6		30
Chloroethane	89		87		50-151	2		30
1,1-Dichloroethene	86		83		65-135	4		30
trans-1,2-Dichloroethene	87		85		70-130	2		30
Trichloroethene	88		85		70-130	3		30
1,2-Dichlorobenzene	88		87		70-130	1		30
1,3-Dichlorobenzene	89		87		70-130	2		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	87		86		66-130	1		30
p/m-Xylene	89		87		70-130	2		30
o-Xylene	88		86		70-130	2		30
cis-1,2-Dichloroethene	88		86		70-130	2		30
Dibromomethane	90		88		70-130	2		30
Styrene	91		88		70-130	3		30
Dichlorodifluoromethane	76		73		30-146	4		30
Acetone	88		84		54-140	5		30
Carbon disulfide	89		85		59-130	5		30
2-Butanone	75		67	Q	70-130	11		30
Vinyl acetate	87		86		70-130	1		30
4-Methyl-2-pentanone	92		90		70-130	2		30
1,2,3-Trichloropropane	83		83		68-130	0		30
2-Hexanone	91		87		70-130	4		30
Bromochloromethane	88		89		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 16-19 Batch: WG1282256-3 WG1282256-4								
2,2-Dichloropropane	87		85		70-130	2		30
1,2-Dibromoethane	90		90		70-130	0		30
1,3-Dichloropropane	86		84		69-130	2		30
1,1,1,2-Tetrachloroethane	87		86		70-130	1		30
Bromobenzene	88		86		70-130	2		30
n-Butylbenzene	88		86		70-130	2		30
sec-Butylbenzene	87		84		70-130	4		30
tert-Butylbenzene	88		85		70-130	3		30
o-Chlorotoluene	102		100		70-130	2		30
p-Chlorotoluene	86		85		70-130	1		30
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30
Hexachlorobutadiene	89		86		67-130	3		30
Isopropylbenzene	87		85		70-130	2		30
p-Isopropyltoluene	90		86		70-130	5		30
Naphthalene	89		87		70-130	2		30
Acrylonitrile	91		91		70-130	0		30
n-Propylbenzene	88		85		70-130	3		30
1,2,3-Trichlorobenzene	93		91		70-130	2		30
1,2,4-Trichlorobenzene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	88		86		70-130	2		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
1,4-Dioxane	92		89		65-136	3		30
p-Diethylbenzene	92		88		70-130	4		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 16-19 Batch: WG1282256-3 WG1282256-4								
p-Ethyltoluene	89		87		70-130	2		30
1,2,4,5-Tetramethylbenzene	90		88		70-130	2		30
Ethyl ether	87		84		67-130	4		30
trans-1,4-Dichloro-2-butene	84		84		70-130	0		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	100		100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11,15 Batch: WG1282378-3 WG1282378-4								
Methylene chloride	91		89		70-130	2		30
1,1-Dichloroethane	85		83		70-130	2		30
Chloroform	93		91		70-130	2		30
Carbon tetrachloride	86		83		70-130	4		30
1,2-Dichloropropane	85		85		70-130	0		30
Dibromochloromethane	88		86		70-130	2		30
1,1,2-Trichloroethane	87		85		70-130	2		30
Tetrachloroethene	90		87		70-130	3		30
Chlorobenzene	85		84		70-130	1		30
Trichlorofluoromethane	80		77		70-139	4		30
1,2-Dichloroethane	93		91		70-130	2		30
1,1,1-Trichloroethane	87		85		70-130	2		30
Bromodichloromethane	88		85		70-130	3		30
trans-1,3-Dichloropropene	89		86		70-130	3		30
cis-1,3-Dichloropropene	91		89		70-130	2		30
1,1-Dichloropropene	88		85		70-130	3		30
Bromoform	90		89		70-130	1		30
1,1,2,2-Tetrachloroethane	85		82		70-130	4		30
Benzene	87		85		70-130	2		30
Toluene	86		83		70-130	4		30
Ethylbenzene	87		85		70-130	2		30
Chloromethane	93		82		52-130	13		30
Bromomethane	90		90		57-147	0		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11,15 Batch: WG1282378-3 WG1282378-4								
Vinyl chloride	83		78		67-130	6		30
Chloroethane	89		87		50-151	2		30
1,1-Dichloroethene	86		83		65-135	4		30
trans-1,2-Dichloroethene	87		85		70-130	2		30
Trichloroethene	88		85		70-130	3		30
1,2-Dichlorobenzene	88		87		70-130	1		30
1,3-Dichlorobenzene	89		87		70-130	2		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	87		86		66-130	1		30
p/m-Xylene	89		87		70-130	2		30
o-Xylene	88		86		70-130	2		30
cis-1,2-Dichloroethene	88		86		70-130	2		30
Dibromomethane	90		88		70-130	2		30
Styrene	91		88		70-130	3		30
Dichlorodifluoromethane	76		73		30-146	4		30
Acetone	88		84		54-140	5		30
Carbon disulfide	89		85		59-130	5		30
2-Butanone	75		67	Q	70-130	11		30
Vinyl acetate	87		86		70-130	1		30
4-Methyl-2-pentanone	92		90		70-130	2		30
1,2,3-Trichloropropane	83		83		68-130	0		30
2-Hexanone	91		87		70-130	4		30
Bromochloromethane	88		89		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11,15 Batch: WG1282378-3 WG1282378-4								
2,2-Dichloropropane	87		85		70-130	2		30
1,2-Dibromoethane	90		90		70-130	0		30
1,3-Dichloropropane	86		84		69-130	2		30
1,1,1,2-Tetrachloroethane	87		86		70-130	1		30
Bromobenzene	88		86		70-130	2		30
n-Butylbenzene	88		86		70-130	2		30
sec-Butylbenzene	87		84		70-130	4		30
tert-Butylbenzene	88		85		70-130	3		30
o-Chlorotoluene	102		100		70-130	2		30
p-Chlorotoluene	86		85		70-130	1		30
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30
Hexachlorobutadiene	89		86		67-130	3		30
Isopropylbenzene	87		85		70-130	2		30
p-Isopropyltoluene	90		86		70-130	5		30
Naphthalene	89		87		70-130	2		30
Acrylonitrile	91		91		70-130	0		30
n-Propylbenzene	88		85		70-130	3		30
1,2,3-Trichlorobenzene	93		91		70-130	2		30
1,2,4-Trichlorobenzene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	88		86		70-130	2		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
1,4-Dioxane	92		89		65-136	3		30
p-Diethylbenzene	92		88		70-130	4		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 11,15 Batch: WG1282378-3 WG1282378-4								
p-Ethyltoluene	89		87		70-130	2		30
1,2,4,5-Tetramethylbenzene	90		88		70-130	2		30
Ethyl ether	87		84		67-130	4		30
trans-1,4-Dichloro-2-butene	84		84		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	100		100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08,10,12-14 Batch: WG1282437-3 WG1282437-4								
Methylene chloride	112		110		70-130	2		30
1,1-Dichloroethane	120		118		70-130	2		30
Chloroform	111		109		70-130	2		30
Carbon tetrachloride	114		114		70-130	0		30
1,2-Dichloropropane	117		116		70-130	1		30
Dibromochloromethane	95		95		70-130	0		30
1,1,2-Trichloroethane	102		102		70-130	0		30
Tetrachloroethene	98		96		70-130	2		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	128		125		70-139	2		30
1,2-Dichloroethane	112		112		70-130	0		30
1,1,1-Trichloroethane	114		113		70-130	1		30
Bromodichloromethane	108		107		70-130	1		30
trans-1,3-Dichloropropene	104		104		70-130	0		30
cis-1,3-Dichloropropene	112		112		70-130	0		30
1,1-Dichloropropene	123		121		70-130	2		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	98		98		70-130	0		30
Benzene	114		111		70-130	3		30
Toluene	104		102		70-130	2		30
Ethylbenzene	109		106		70-130	3		30
Chloromethane	162	Q	156	Q	52-130	4		30
Bromomethane	114		116		57-147	2		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08,10,12-14 Batch: WG1282437-3 WG1282437-4								
Vinyl chloride	155	Q	149	Q	67-130	4		30
Chloroethane	140		136		50-151	3		30
1,1-Dichloroethene	122		122		65-135	0		30
trans-1,2-Dichloroethene	118		116		70-130	2		30
Trichloroethene	114		112		70-130	2		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	99		96		70-130	3		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	111		111		66-130	0		30
p/m-Xylene	109		106		70-130	3		30
o-Xylene	102		101		70-130	1		30
cis-1,2-Dichloroethene	111		109		70-130	2		30
Dibromomethane	109		108		70-130	1		30
Styrene	105		102		70-130	3		30
Dichlorodifluoromethane	212	Q	206	Q	30-146	3		30
Acetone	120		116		54-140	3		30
Carbon disulfide	126		124		59-130	2		30
2-Butanone	116		118		70-130	2		30
Vinyl acetate	120		121		70-130	1		30
4-Methyl-2-pentanone	107		108		70-130	1		30
1,2,3-Trichloropropane	99		99		68-130	0		30
2-Hexanone	107		108		70-130	1		30
Bromochloromethane	105		106		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08,10,12-14 Batch: WG1282437-3 WG1282437-4								
2,2-Dichloropropane	119		118		70-130	1		30
1,2-Dibromoethane	98		98		70-130	0		30
1,3-Dichloropropane	102		101		69-130	1		30
1,1,1,2-Tetrachloroethane	97		96		70-130	1		30
Bromobenzene	94		92		70-130	2		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	107		104		70-130	3		30
tert-Butylbenzene	103		100		70-130	3		30
o-Chlorotoluene	104		101		70-130	3		30
p-Chlorotoluene	105		102		70-130	3		30
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Hexachlorobutadiene	96		92		67-130	4		30
Isopropylbenzene	104		102		70-130	2		30
p-Isopropyltoluene	104		101		70-130	3		30
Naphthalene	102		101		70-130	1		30
Acrylonitrile	118		118		70-130	0		30
n-Propylbenzene	108		105		70-130	3		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	101		98		70-130	3		30
1,3,5-Trimethylbenzene	105		101		70-130	4		30
1,2,4-Trimethylbenzene	104		102		70-130	2		30
1,4-Dioxane	107		108		65-136	1		30
p-Diethylbenzene	99		96		70-130	3		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-08,10,12-14 Batch: WG1282437-3 WG1282437-4								
p-Ethyltoluene	99		97		70-130	2		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	114		114		67-130	0		30
trans-1,4-Dichloro-2-butene	106		104		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	99		101		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,14 Batch: WG1282697-3 WG1282697-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	89		88		70-130	1		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	90		89		70-130	1		30
1,2-Dichloropropane	91		90		70-130	1		30
Dibromochloromethane	89		91		70-130	2		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	94		94		70-130	0		30
Chlorobenzene	89		90		70-130	1		30
Trichlorofluoromethane	80		80		70-139	0		30
1,2-Dichloroethane	94		93		70-130	1		30
1,1,1-Trichloroethane	91		90		70-130	1		30
Bromodichloromethane	88		89		70-130	1		30
trans-1,3-Dichloropropene	90		92		70-130	2		30
cis-1,3-Dichloropropene	94		93		70-130	1		30
1,1-Dichloropropene	93		92		70-130	1		30
Bromoform	92		91		70-130	1		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	92		91		70-130	1		30
Toluene	90		90		70-130	0		30
Ethylbenzene	91		91		70-130	0		30
Chloromethane	91		87		52-130	4		30
Bromomethane	89		87		57-147	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,14 Batch: WG1282697-3 WG1282697-4								
Vinyl chloride	83		82		67-130	1		30
Chloroethane	84		84		50-151	0		30
1,1-Dichloroethene	89		87		65-135	2		30
trans-1,2-Dichloroethene	91		90		70-130	1		30
Trichloroethene	90		89		70-130	1		30
1,2-Dichlorobenzene	91		91		70-130	0		30
1,3-Dichlorobenzene	92		91		70-130	1		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	87		88		66-130	1		30
p/m-Xylene	92		93		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Dibromomethane	94		92		70-130	2		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	84		83		30-146	1		30
Acetone	90		92		54-140	2		30
Carbon disulfide	90		89		59-130	1		30
2-Butanone	83		81		70-130	2		30
Vinyl acetate	89		89		70-130	0		30
4-Methyl-2-pentanone	92		98		70-130	6		30
1,2,3-Trichloropropane	88		85		68-130	3		30
2-Hexanone	93		96		70-130	3		30
Bromochloromethane	92		93		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,14 Batch: WG1282697-3 WG1282697-4								
2,2-Dichloropropane	89		87		70-130	2		30
1,2-Dibromoethane	93		94		70-130	1		30
1,3-Dichloropropane	90		90		69-130	0		30
1,1,1,2-Tetrachloroethane	90		92		70-130	2		30
Bromobenzene	91		91		70-130	0		30
n-Butylbenzene	92		90		70-130	2		30
sec-Butylbenzene	91		90		70-130	1		30
tert-Butylbenzene	91		89		70-130	2		30
o-Chlorotoluene	92		97		70-130	5		30
p-Chlorotoluene	89		88		70-130	1		30
1,2-Dibromo-3-chloropropane	91		94		68-130	3		30
Hexachlorobutadiene	94		93		67-130	1		30
Isopropylbenzene	90		89		70-130	1		30
p-Isopropyltoluene	93		91		70-130	2		30
Naphthalene	91		91		70-130	0		30
Acrylonitrile	93		98		70-130	5		30
n-Propylbenzene	91		89		70-130	2		30
1,2,3-Trichlorobenzene	94		95		70-130	1		30
1,2,4-Trichlorobenzene	97		96		70-130	1		30
1,3,5-Trimethylbenzene	92		89		70-130	3		30
1,2,4-Trimethylbenzene	91		90		70-130	1		30
1,4-Dioxane	100		102		65-136	2		30
p-Diethylbenzene	94		92		70-130	2		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,14 Batch: WG1282697-3 WG1282697-4								
p-Ethyltoluene	92		90		70-130	2		30
1,2,4,5-Tetramethylbenzene	93		92		70-130	1		30
Ethyl ether	88		87		67-130	1		30
trans-1,4-Dichloro-2-butene	86		88		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	98		98		70-130

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1282722-3 WG1282722-4								
Methylene chloride	90		91		70-130	1		30
1,1-Dichloroethane	83		84		70-130	1		30
Chloroform	90		92		70-130	2		30
Carbon tetrachloride	85		86		70-130	1		30
1,2-Dichloropropane	85		86		70-130	1		30
Dibromochloromethane	84		86		70-130	2		30
1,1,2-Trichloroethane	85		86		70-130	1		30
Tetrachloroethene	90		90		70-130	0		30
Chlorobenzene	84		86		70-130	2		30
Trichlorofluoromethane	79		81		70-139	3		30
1,2-Dichloroethane	87		90		70-130	3		30
1,1,1-Trichloroethane	85		86		70-130	1		30
Bromodichloromethane	84		85		70-130	1		30
trans-1,3-Dichloropropene	84		86		70-130	2		30
cis-1,3-Dichloropropene	88		89		70-130	1		30
1,1-Dichloropropene	87		89		70-130	2		30
Bromoform	85		86		70-130	1		30
1,1,2,2-Tetrachloroethane	80		83		70-130	4		30
Benzene	87		87		70-130	0		30
Toluene	85		86		70-130	1		30
Ethylbenzene	86		88		70-130	2		30
Chloromethane	86		87		52-130	1		30
Bromomethane	84		86		57-147	2		30



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1282722-3 WG1282722-4								
Vinyl chloride	82		83		67-130	1		30
Chloroethane	84		86		50-151	2		30
1,1-Dichloroethene	85		86		65-135	1		30
trans-1,2-Dichloroethene	87		89		70-130	2		30
Trichloroethene	86		87		70-130	1		30
1,2-Dichlorobenzene	86		86		70-130	0		30
1,3-Dichlorobenzene	87		87		70-130	0		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	84		85		66-130	1		30
p/m-Xylene	88		89		70-130	1		30
o-Xylene	87		88		70-130	1		30
cis-1,2-Dichloroethene	86		88		70-130	2		30
Dibromomethane	87		89		70-130	2		30
Styrene	90		91		70-130	1		30
Dichlorodifluoromethane	87		89		30-146	2		30
Acetone	84		83		54-140	1		30
Carbon disulfide	87		88		59-130	1		30
2-Butanone	90		93		70-130	3		30
Vinyl acetate	82		85		70-130	4		30
4-Methyl-2-pentanone	86		91		70-130	6		30
1,2,3-Trichloropropane	81		81		68-130	0		30
2-Hexanone	86		91		70-130	6		30
Bromochloromethane	87		88		70-130	1		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1282722-3 WG1282722-4								
2,2-Dichloropropane	84		86		70-130	2		30
1,2-Dibromoethane	86		89		70-130	3		30
1,3-Dichloropropane	84		85		69-130	1		30
1,1,1,2-Tetrachloroethane	84		86		70-130	2		30
Bromobenzene	86		86		70-130	0		30
n-Butylbenzene	86		86		70-130	0		30
sec-Butylbenzene	86		86		70-130	0		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	88		87		70-130	1		30
p-Chlorotoluene	84		84		70-130	0		30
1,2-Dibromo-3-chloropropane	85		89		68-130	5		30
Hexachlorobutadiene	91		90		67-130	1		30
Isopropylbenzene	86		86		70-130	0		30
p-Isopropyltoluene	88		88		70-130	0		30
Naphthalene	87		88		70-130	1		30
Acrylonitrile	88		90		70-130	2		30
n-Propylbenzene	86		86		70-130	0		30
1,2,3-Trichlorobenzene	91		89		70-130	2		30
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	87		86		70-130	1		30
1,2,4-Trimethylbenzene	88		87		70-130	1		30
1,4-Dioxane	99		104		65-136	5		30
p-Diethylbenzene	89		89		70-130	0		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09 Batch: WG1282722-3 WG1282722-4								
p-Ethyltoluene	88		87		70-130	1		30
1,2,4,5-Tetramethylbenzene	90		88		70-130	2		30
Ethyl ether	83		86		67-130	4		30
trans-1,4-Dichloro-2-butene	77		82		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	96		99		70-130

# SEMIVOLATILES

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-01  
**Client ID:** SOFB02\_090419  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 00:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/11/19 02:07  
**Analyst:** RC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 09/07/19 03:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.7	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-01  
 Client ID: SOFB02\_090419  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 00:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	87		41-149

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-01  
 Client ID: SOFB02\_090419  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 00:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270D-SIM  
 Analytical Date: 09/12/19 15:33  
 Analyst: DV

Extraction Method: EPA 3510C  
 Extraction Date: 09/11/19 14:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-01  
 Client ID: SOFB02\_090419  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 00:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	102		41-149



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-02  
 Client ID: LB02\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 11:47  
 Analyst: RC  
 Percent Solids: 85%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	200		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2500		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	190		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	300		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-02  
 Client ID: LB02\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1500		ug/kg	120	22.	1
Benzo(a)pyrene	1300		ug/kg	150	47.	1
Benzo(b)fluoranthene	1700		ug/kg	120	32.	1
Benzo(k)fluoranthene	550		ug/kg	120	31.	1
Chrysene	1300		ug/kg	120	20.	1
Acenaphthylene	140	J	ug/kg	150	30.	1
Anthracene	450		ug/kg	120	38.	1
Benzo(ghi)perylene	990		ug/kg	150	23.	1
Fluorene	180	J	ug/kg	190	19.	1
Phenanthrene	1900		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	250		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	150	27.	1
Pyrene	2200		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	120	J	ug/kg	190	18.	1
2-Methylnaphthalene	110	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-02  
 Client ID: LB02\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	180	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	67		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-03  
**Client ID:** LB02\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 12:20  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 15:33  
**Analyst:** RC  
**Percent Solids:** 85%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	68	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	450		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	98	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-03  
 Client ID: LB02\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:20  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	270		ug/kg	110	22.	1
Benzo(a)pyrene	200		ug/kg	150	47.	1
Benzo(b)fluoranthene	220		ug/kg	110	32.	1
Benzo(k)fluoranthene	72	J	ug/kg	110	31.	1
Chrysene	230		ug/kg	110	20.	1
Acenaphthylene	30	J	ug/kg	150	30.	1
Anthracene	120		ug/kg	110	37.	1
Benzo(ghi)perylene	130	J	ug/kg	150	22.	1
Fluorene	63	J	ug/kg	190	19.	1
Phenanthrene	470		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	150	27.	1
Pyrene	430		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	45	J	ug/kg	190	18.	1
2-Methylnaphthalene	38	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-03  
 Client ID: LB02\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 12:20  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	48	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	64		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-04  
 Client ID: LB03\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 17:08  
 Analyst: JG  
 Percent Solids: 77%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	680		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	76	J	ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	8800	E	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	430		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	370		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-04  
 Client ID: LB03\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	4900		ug/kg	130	24.	1
Benzo(a)pyrene	4300		ug/kg	170	52.	1
Benzo(b)fluoranthene	5300		ug/kg	130	36.	1
Benzo(k)fluoranthene	1800		ug/kg	130	34.	1
Chrysene	4200		ug/kg	130	22.	1
Acenaphthylene	480		ug/kg	170	33.	1
Anthracene	1800		ug/kg	130	42.	1
Benzo(ghi)perylene	2600		ug/kg	170	25.	1
Fluorene	740		ug/kg	210	21.	1
Phenanthrene	6300		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	640		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	2900		ug/kg	170	30.	1
Pyrene	8000		ug/kg	130	21.	1
Biphenyl	100	J	ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	540		ug/kg	210	20.	1
2-Methylnaphthalene	280		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	37	J	ug/kg	310	33.	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-04  
 Client ID: LB03\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	490		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	59		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-04 D  
 Client ID: LB03\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 20:13  
 Analyst: PS  
 Percent Solids: 77%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	8800		ug/kg	640	120	5

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-05  
 Client ID: LB03\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 17:31  
 Analyst: JG  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	680		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	10000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	780		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-05  
 Client ID: LB03\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	5500		ug/kg	100	20.	1
Benzo(a)pyrene	4600		ug/kg	140	43.	1
Benzo(b)fluoranthene	6200		ug/kg	100	30.	1
Benzo(k)fluoranthene	2000		ug/kg	100	28.	1
Chrysene	4900		ug/kg	100	18.	1
Acenaphthylene	490		ug/kg	140	27.	1
Anthracene	2200		ug/kg	100	34.	1
Benzo(ghi)perylene	3100		ug/kg	140	21.	1
Fluorene	1300		ug/kg	180	17.	1
Phenanthrene	9400	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	740		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	3400		ug/kg	140	24.	1
Pyrene	9200	E	ug/kg	100	17.	1
Biphenyl	200	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	1000		ug/kg	180	16.	1
2-Methylnaphthalene	650		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	59	J	ug/kg	250	27.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-05  
 Client ID: LB03\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	860		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	67		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-05 D  
 Client ID: LB03\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 20:37  
 Analyst: PS  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	520	100	5
Phenanthrene	10000		ug/kg	520	110	5
Pyrene	10000		ug/kg	520	87.	5

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-06 D2  
 Client ID: LB04\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 21:01  
 Analyst: PS  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	41000		ug/kg	1100	210	10
Benzo(a)anthracene	15000		ug/kg	1100	200	10
Benzo(b)fluoranthene	16000		ug/kg	1100	310	10
Phenanthrene	46000		ug/kg	1100	220	10
Pyrene	37000		ug/kg	1100	180	10

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-06 D  
 Client ID: LB04\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 18:40  
 Analyst: JG  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	6700		ug/kg	290	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	42.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
1,2-Dichlorobenzene	ND		ug/kg	360	66.	2
1,3-Dichlorobenzene	ND		ug/kg	360	63.	2
1,4-Dichlorobenzene	ND		ug/kg	360	64.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	97.	2
2,4-Dinitrotoluene	ND		ug/kg	360	73.	2
2,6-Dinitrotoluene	ND		ug/kg	360	63.	2
Fluoranthene	30000	E	ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	56.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	360	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	59.	2
Isophorone	ND		ug/kg	330	47.	2
Naphthalene	4100		ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	330	54.	2
NDPA/DPA	ND		ug/kg	290	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	130	2
Butyl benzyl phthalate	ND		ug/kg	360	92.	2
Di-n-butylphthalate	ND		ug/kg	360	69.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-06 D  
 Client ID: LB04\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	360	34.	2
Dimethyl phthalate	ND		ug/kg	360	77.	2
Benzo(a)anthracene	17000	E	ug/kg	220	41.	2
Benzo(a)pyrene	14000		ug/kg	290	89.	2
Benzo(b)fluoranthene	18000	E	ug/kg	220	62.	2
Benzo(k)fluoranthene	4600		ug/kg	220	58.	2
Chrysene	14000		ug/kg	220	38.	2
Acenaphthylene	300		ug/kg	290	56.	2
Anthracene	9900		ug/kg	220	71.	2
Benzo(ghi)perylene	8900		ug/kg	290	43.	2
Fluorene	5400		ug/kg	360	36.	2
Phenanthrene	31000	E	ug/kg	220	44.	2
Dibenzo(a,h)anthracene	1900		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	9500		ug/kg	290	51.	2
Pyrene	29000	E	ug/kg	220	36.	2
Biphenyl	660	J	ug/kg	830	85.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	70.	2
3-Nitroaniline	ND		ug/kg	360	69.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	4100		ug/kg	360	35.	2
2-Methylnaphthalene	1900		ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	ND		ug/kg	360	45.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	69.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	43.	2
2,4-Dichlorophenol	ND		ug/kg	330	59.	2
2,4-Dimethylphenol	130	J	ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	790	140	2
4-Nitrophenol	ND		ug/kg	510	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	950	180	2
Pentachlorophenol	ND		ug/kg	290	80.	2
Phenol	110	J	ug/kg	360	55.	2
2-Methylphenol	73	J	ug/kg	360	57.	2
3-Methylphenol/4-Methylphenol	210	J	ug/kg	530	57.	2

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-06 D  
 Client ID: LB04\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	70.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	4400		ug/kg	360	36.	2
1,4-Dioxane	ND		ug/kg	55	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	68		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-07 D2  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 21:26  
 Analyst: PS  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	44000		ug/kg	1100	210	10
Benzo(a)anthracene	16000		ug/kg	1100	210	10
Benzo(a)pyrene	14000		ug/kg	1500	450	10
Benzo(b)fluoranthene	18000		ug/kg	1100	310	10
Chrysene	15000		ug/kg	1100	190	10
Phenanthrene	43000		ug/kg	1100	220	10
Pyrene	38000		ug/kg	1100	180	10

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-07 D  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 19:03  
 Analyst: JG  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	4300		ug/kg	300	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	42.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	370	37.	2
1,2-Dichlorobenzene	ND		ug/kg	370	66.	2
1,3-Dichlorobenzene	ND		ug/kg	370	63.	2
1,4-Dichlorobenzene	ND		ug/kg	370	64.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	98.	2
2,4-Dinitrotoluene	ND		ug/kg	370	74.	2
2,6-Dinitrotoluene	ND		ug/kg	370	63.	2
Fluoranthene	33000	E	ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	56.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	63.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	300	60.	2
Isophorone	ND		ug/kg	330	48.	2
Naphthalene	4000		ug/kg	370	45.	2
Nitrobenzene	ND		ug/kg	330	55.	2
NDPA/DPA	ND		ug/kg	300	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	57.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	93.	2
Di-n-butylphthalate	ND		ug/kg	370	70.	2
Di-n-octylphthalate	ND		ug/kg	370	120	2

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-07 D  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	78.	2
Benzo(a)anthracene	18000	E	ug/kg	220	42.	2
Benzo(a)pyrene	16000	E	ug/kg	300	90.	2
Benzo(b)fluoranthene	21000	E	ug/kg	220	62.	2
Benzo(k)fluoranthene	6000		ug/kg	220	59.	2
Chrysene	17000	E	ug/kg	220	38.	2
Acenaphthylene	1900		ug/kg	300	57.	2
Anthracene	9600		ug/kg	220	72.	2
Benzo(ghi)perylene	10000		ug/kg	300	43.	2
Fluorene	4400		ug/kg	370	36.	2
Phenanthrene	31000	E	ug/kg	220	45.	2
Dibenzo(a,h)anthracene	2300		ug/kg	220	43.	2
Indeno(1,2,3-cd)pyrene	11000		ug/kg	300	51.	2
Pyrene	32000	E	ug/kg	220	37.	2
Biphenyl	650	J	ug/kg	840	86.	2
4-Chloroaniline	ND		ug/kg	370	67.	2
2-Nitroaniline	ND		ug/kg	370	71.	2
3-Nitroaniline	ND		ug/kg	370	70.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	3700		ug/kg	370	35.	2
2-Methylnaphthalene	1900		ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	38.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
p-Chloro-m-cresol	ND		ug/kg	370	55.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	330	59.	2
2,4-Dimethylphenol	140	J	ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	800	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	960	180	2
Pentachlorophenol	ND		ug/kg	300	81.	2
Phenol	100	J	ug/kg	370	56.	2
2-Methylphenol	67	J	ug/kg	370	57.	2
3-Methylphenol/4-Methylphenol	200	J	ug/kg	530	58.	2

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-07 D  
 Client ID: LB04\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 15:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	370	71.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	4300		ug/kg	370	36.	2
1,4-Dioxane	ND		ug/kg	55	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	66		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-08  
 Client ID: LB10\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 17:26  
 Analyst: RC  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	110	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	54	J	ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	37	J	ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	920		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	290		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	100	J	ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	400		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	40	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-08  
 Client ID: LB10\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	480		ug/kg	110	21.	1
Benzo(a)pyrene	390		ug/kg	150	45.	1
Benzo(b)fluoranthene	500		ug/kg	110	31.	1
Benzo(k)fluoranthene	190		ug/kg	110	29.	1
Chrysene	470		ug/kg	110	19.	1
Acenaphthylene	49	J	ug/kg	150	28.	1
Anthracene	230		ug/kg	110	36.	1
Benzo(ghi)perylene	290		ug/kg	150	22.	1
Fluorene	200		ug/kg	180	18.	1
Phenanthrene	840		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	84	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	300		ug/kg	150	26.	1
Pyrene	930		ug/kg	110	18.	1
Biphenyl	68	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	160	J	ug/kg	180	17.	1
2-Methylnaphthalene	390		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	56	J	ug/kg	260	29.	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-08  
 Client ID: LB10\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	87	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	65		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-09 D  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 00:37  
 Analyst: IM  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	300	J	ug/kg	740	96.	5
1,2,4-Trichlorobenzene	ND		ug/kg	930	110	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	840	130	5
2-Chloronaphthalene	ND		ug/kg	930	92.	5
1,2-Dichlorobenzene	ND		ug/kg	930	170	5
1,3-Dichlorobenzene	ND		ug/kg	930	160	5
1,4-Dichlorobenzene	ND		ug/kg	930	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	930	250	5
2,4-Dinitrotoluene	ND		ug/kg	930	190	5
2,6-Dinitrotoluene	ND		ug/kg	930	160	5
Fluoranthene	3000		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	930	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	930	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	93.	5
Hexachlorobutadiene	ND		ug/kg	930	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	840	120	5
Naphthalene	720	J	ug/kg	930	110	5
Nitrobenzene	ND		ug/kg	840	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	930	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	930	320	5
Butyl benzyl phthalate	ND		ug/kg	930	230	5
Di-n-butylphthalate	200	J	ug/kg	930	180	5
Di-n-octylphthalate	ND		ug/kg	930	320	5

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-09 D  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	930	86.	5
Dimethyl phthalate	ND		ug/kg	930	200	5
Benzo(a)anthracene	1400		ug/kg	560	100	5
Benzo(a)pyrene	1200		ug/kg	740	230	5
Benzo(b)fluoranthene	1800		ug/kg	560	160	5
Benzo(k)fluoranthene	470	J	ug/kg	560	150	5
Chrysene	1700		ug/kg	560	97.	5
Acenaphthylene	140	J	ug/kg	740	140	5
Anthracene	590		ug/kg	560	180	5
Benzo(ghi)perylene	820		ug/kg	740	110	5
Fluorene	370	J	ug/kg	930	90.	5
Phenanthrene	2500		ug/kg	560	110	5
Dibenzo(a,h)anthracene	200	J	ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	740		ug/kg	740	130	5
Pyrene	2600		ug/kg	560	92.	5
Biphenyl	ND		ug/kg	2100	220	5
4-Chloroaniline	ND		ug/kg	930	170	5
2-Nitroaniline	ND		ug/kg	930	180	5
3-Nitroaniline	ND		ug/kg	930	180	5
4-Nitroaniline	ND		ug/kg	930	380	5
Dibenzofuran	300	J	ug/kg	930	88.	5
2-Methylnaphthalene	580	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	930	97.	5
Acetophenone	ND		ug/kg	930	120	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	930	140	5
2-Chlorophenol	ND		ug/kg	930	110	5
2,4-Dichlorophenol	ND		ug/kg	840	150	5
2,4-Dimethylphenol	ND		ug/kg	930	310	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4500	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	450	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	930	140	5
2-Methylphenol	ND		ug/kg	930	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-09 D  
 Client ID: LB10\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:15  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	930	180	5
Benzoic Acid	ND		ug/kg	3000	940	5
Benzyl Alcohol	ND		ug/kg	930	280	5
Carbazole	180	J	ug/kg	930	90.	5
1,4-Dioxane	ND		ug/kg	140	43.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	51		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-10  
**Client ID:** LB11\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 17:54  
**Analyst:** JG  
**Percent Solids:** 88%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	240		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	74	J	ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	44	J	ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1300		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	580		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-10  
 Client ID: LB11\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1100		ug/kg	110	21.	1
Benzo(a)pyrene	1100		ug/kg	150	45.	1
Benzo(b)fluoranthene	1500		ug/kg	110	31.	1
Benzo(k)fluoranthene	380		ug/kg	110	29.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	140	J	ug/kg	150	28.	1
Anthracene	670		ug/kg	110	36.	1
Benzo(ghi)perylene	760		ug/kg	150	22.	1
Fluorene	320		ug/kg	180	18.	1
Phenanthrene	1900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	790		ug/kg	150	26.	1
Pyrene	2000		ug/kg	110	18.	1
Biphenyl	410	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	860		ug/kg	180	17.	1
2-Methylnaphthalene	1800		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-10  
 Client ID: LB11\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	210		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	65		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-11  
**Client ID:** LB11\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:45  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 11:25  
**Analyst:** RC  
**Percent Solids:** 83%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	180		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	34	J	ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1400		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	280		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	130	J	ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-11  
 Client ID: LB11\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	830		ug/kg	120	22.	1
Benzo(a)pyrene	570		ug/kg	160	48.	1
Benzo(b)fluoranthene	790		ug/kg	120	33.	1
Benzo(k)fluoranthene	210		ug/kg	120	31.	1
Chrysene	710		ug/kg	120	20.	1
Acenaphthylene	30	J	ug/kg	160	30.	1
Anthracene	350		ug/kg	120	38.	1
Benzo(ghi)perylene	390		ug/kg	160	23.	1
Fluorene	220		ug/kg	200	19.	1
Phenanthrene	1400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	120		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	420		ug/kg	160	27.	1
Pyrene	1400		ug/kg	120	20.	1
Biphenyl	50	J	ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	220		ug/kg	200	19.	1
2-Methylnaphthalene	170	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-11  
 Client ID: LB11\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 08:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	140	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	55		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-12 D2  
 Client ID: LB12\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 17:14  
 Analyst: HL  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	58000		ug/kg	1200	240	10
Phenanthrene	52000		ug/kg	1200	250	10
Pyrene	50000		ug/kg	1200	200	10

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-12 D  
 Client ID: LB12\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 00:59  
 Analyst: IM  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	5500		ug/kg	820	110	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	120	5
Hexachlorobenzene	ND		ug/kg	620	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	920	140	5
2-Chloronaphthalene	ND		ug/kg	1000	100	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	180	5
1,4-Dichlorobenzene	ND		ug/kg	1000	180	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	270	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	180	5
Fluoranthene	51000	E	ug/kg	620	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	160	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	180	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2900	930	5
Hexachloroethane	ND		ug/kg	820	160	5
Isophorone	ND		ug/kg	920	130	5
Naphthalene	4400		ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	920	150	5
NDPA/DPA	ND		ug/kg	820	120	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	160	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	350	5
Butyl benzyl phthalate	ND		ug/kg	1000	260	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	350	5

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-12 D  
 Client ID: LB12\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1000	95.	5
Dimethyl phthalate	ND		ug/kg	1000	220	5
Benzo(a)anthracene	28000		ug/kg	620	120	5
Benzo(a)pyrene	25000		ug/kg	820	250	5
Benzo(b)fluoranthene	32000		ug/kg	620	170	5
Benzo(k)fluoranthene	9800		ug/kg	620	160	5
Chrysene	25000		ug/kg	620	110	5
Acenaphthylene	2400		ug/kg	820	160	5
Anthracene	14000		ug/kg	620	200	5
Benzo(ghi)perylene	15000		ug/kg	820	120	5
Fluorene	6000		ug/kg	1000	100	5
Phenanthrene	45000	E	ug/kg	620	120	5
Dibenzo(a,h)anthracene	3400		ug/kg	620	120	5
Indeno(1,2,3-cd)pyrene	15000		ug/kg	820	140	5
Pyrene	46000	E	ug/kg	620	100	5
Biphenyl	580	J	ug/kg	2300	240	5
4-Chloroaniline	ND		ug/kg	1000	190	5
2-Nitroaniline	ND		ug/kg	1000	200	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	420	5
Dibenzofuran	3800		ug/kg	1000	97.	5
2-Methylnaphthalene	2000		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	110	5
Acetophenone	ND		ug/kg	1000	130	5
2,4,6-Trichlorophenol	ND		ug/kg	620	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	920	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	340	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	420	5
2,4-Dinitrophenol	ND		ug/kg	4900	480	5
4,6-Dinitro-o-cresol	ND		ug/kg	2700	490	5
Pentachlorophenol	ND		ug/kg	820	220	5
Phenol	160	J	ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	230	J	ug/kg	1500	160	5

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-12 D  
 Client ID: LB12\_2.0-4.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:40  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	200	5
Benzoic Acid	ND		ug/kg	3300	1000	5
Benzyl Alcohol	ND		ug/kg	1000	310	5
Carbazole	6200		ug/kg	1000	100	5
1,4-Dioxane	ND		ug/kg	150	47.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	51		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-13  
**Client ID:** LB12\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 09:45  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 16:18  
**Analyst:** RC  
**Percent Solids:** 89%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	160		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	160	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-13  
 Client ID: LB12\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	900		ug/kg	110	20.	1
Benzo(a)pyrene	690		ug/kg	140	44.	1
Benzo(b)fluoranthene	880		ug/kg	110	31.	1
Benzo(k)fluoranthene	330		ug/kg	110	29.	1
Chrysene	760		ug/kg	110	19.	1
Acenaphthylene	82	J	ug/kg	140	28.	1
Anthracene	470		ug/kg	110	35.	1
Benzo(ghi)perylene	510		ug/kg	140	21.	1
Fluorene	180		ug/kg	180	18.	1
Phenanthrene	1700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	98	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	530		ug/kg	140	25.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	130	J	ug/kg	180	17.	1
2-Methylnaphthalene	58	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-13  
 Client ID: LB12\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 09:45  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	200		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	63		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-14  
**Client ID:** LB13\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 11:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 16:40  
**Analyst:** RC  
**Percent Solids:** 89%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	450		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	35	J	ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	620		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	210		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	53	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-14  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3100		ug/kg	110	20.	1
Benzo(a)pyrene	2600		ug/kg	150	44.	1
Benzo(b)fluoranthene	3200		ug/kg	110	31.	1
Benzo(k)fluoranthene	1000		ug/kg	110	29.	1
Chrysene	2900		ug/kg	110	19.	1
Acenaphthylene	360		ug/kg	150	28.	1
Anthracene	1300		ug/kg	110	36.	1
Benzo(ghi)perylene	1600		ug/kg	150	21.	1
Fluorene	500		ug/kg	180	18.	1
Phenanthrene	4200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	510		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	150	25.	1
Pyrene	5100		ug/kg	110	18.	1
Biphenyl	130	J	ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	450		ug/kg	180	17.	1
2-Methylnaphthalene	370		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	49	J	ug/kg	180	28.	1
2-Methylphenol	33	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	94	J	ug/kg	260	28.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-14  
 Client ID: LB13\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	410		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	59		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-15  
 Client ID: LB13\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 17:03  
 Analyst: RC  
 Percent Solids: 86%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	250		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	2500		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	750		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-15  
 Client ID: LB13\_4.0-6.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 11:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1300		ug/kg	150	46.	1
Benzo(b)fluoranthene	1900		ug/kg	110	32.	1
Benzo(k)fluoranthene	430		ug/kg	110	30.	1
Chrysene	1400		ug/kg	110	20.	1
Acenaphthylene	110	J	ug/kg	150	29.	1
Anthracene	430		ug/kg	110	37.	1
Benzo(ghi)perylene	1100		ug/kg	150	22.	1
Fluorene	280		ug/kg	190	18.	1
Phenanthrene	1900		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	270		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	26.	1
Pyrene	2200		ug/kg	110	19.	1
Biphenyl	85	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	160	J	ug/kg	190	18.	1
2-Methylnaphthalene	290		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	96	J	ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-15  
**Client ID:** LB13\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 11:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	210		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	55		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-16 D2  
 Client ID: LB14\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:30  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 21:49  
 Analyst: JG  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Fluoranthene	38000		ug/kg	1100	210	10
Benzo(a)anthracene	17000		ug/kg	1100	210	10
Benzo(a)pyrene	15000		ug/kg	1500	450	10
Benzo(b)fluoranthene	16000		ug/kg	1100	310	10
Chrysene	15000		ug/kg	1100	190	10
Phenanthrene	39000		ug/kg	1100	220	10
Pyrene	40000		ug/kg	1100	180	10



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-16 D  
 Client ID: LB14\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:30  
 Date Received: 09/04/19  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/10/19 19:26  
 Analyst: JG  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	2800		ug/kg	290	38.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	42.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	370	36.	2
1,2-Dichlorobenzene	ND		ug/kg	370	66.	2
1,3-Dichlorobenzene	ND		ug/kg	370	63.	2
1,4-Dichlorobenzene	ND		ug/kg	370	64.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	98.	2
2,4-Dinitrotoluene	ND		ug/kg	370	74.	2
2,6-Dinitrotoluene	ND		ug/kg	370	63.	2
Fluoranthene	30000	E	ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	56.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	63.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	60.	2
Isophorone	ND		ug/kg	330	48.	2
Naphthalene	1200		ug/kg	370	45.	2
Nitrobenzene	ND		ug/kg	330	54.	2
NDPA/DPA	ND		ug/kg	290	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	57.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	93.	2
Di-n-butylphthalate	ND		ug/kg	370	70.	2
Di-n-octylphthalate	ND		ug/kg	370	120	2

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-16 D  
 Client ID: LB14\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:30  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	77.	2
Benzo(a)anthracene	20000	E	ug/kg	220	41.	2
Benzo(a)pyrene	17000	E	ug/kg	290	90.	2
Benzo(b)fluoranthene	20000	E	ug/kg	220	62.	2
Benzo(k)fluoranthene	5400		ug/kg	220	59.	2
Chrysene	17000	E	ug/kg	220	38.	2
Acenaphthylene	1900		ug/kg	290	57.	2
Anthracene	11000		ug/kg	220	72.	2
Benzo(ghi)perylene	9900		ug/kg	290	43.	2
Fluorene	4500		ug/kg	370	36.	2
Phenanthrene	30000	E	ug/kg	220	45.	2
Dibenzo(a,h)anthracene	2300		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	10000		ug/kg	290	51.	2
Pyrene	32000	E	ug/kg	220	37.	2
Biphenyl	700	J	ug/kg	840	85.	2
4-Chloroaniline	ND		ug/kg	370	67.	2
2-Nitroaniline	ND		ug/kg	370	71.	2
3-Nitroaniline	ND		ug/kg	370	69.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	1600		ug/kg	370	35.	2
2-Methylnaphthalene	2000		ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	38.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
p-Chloro-m-cresol	ND		ug/kg	370	55.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	330	59.	2
2,4-Dimethylphenol	ND		ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	800	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	960	180	2
Pentachlorophenol	ND		ug/kg	290	81.	2
Phenol	ND		ug/kg	370	56.	2
2-Methylphenol	ND		ug/kg	370	57.	2
3-Methylphenol/4-Methylphenol	66	J	ug/kg	530	58.	2

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-16 D  
 Client ID: LB14\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:30  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	370	70.	2
Benzoic Acid	ND		ug/kg	1200	370	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	1200		ug/kg	370	36.	2
1,4-Dioxane	ND		ug/kg	55	17.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	70		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-17  
**Client ID:** LB14\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 13:35  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 11:03  
**Analyst:** RC  
**Percent Solids:** 87%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	180	J	ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	21	J	ug/kg	190	19.	1
1,2-Dichlorobenzene	180	J	ug/kg	190	34.	1
1,3-Dichlorobenzene	160	J	ug/kg	190	33.	1
1,4-Dichlorobenzene	94	J	ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	370		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	47	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-17  
 Client ID: LB14\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:35  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	180		ug/kg	110	21.	1
Benzo(a)pyrene	140	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	190		ug/kg	110	32.	1
Benzo(k)fluoranthene	76	J	ug/kg	110	30.	1
Chrysene	160		ug/kg	110	20.	1
Acenaphthylene	34	J	ug/kg	150	29.	1
Anthracene	56	J	ug/kg	110	37.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	26	J	ug/kg	190	18.	1
Phenanthrene	290		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	150	26.	1
Pyrene	320		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	23	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-17  
 Client ID: LB14\_6.0-8.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 13:35  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	23	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	55		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-18  
**Client ID:** LB15\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 14:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8270D  
**Analytical Date:** 09/10/19 17:48  
**Analyst:** RC  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	370		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1200		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-18  
 Client ID: LB15\_1.0-3.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:05  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2800		ug/kg	110	21.	1
Benzo(a)pyrene	2900		ug/kg	150	45.	1
Benzo(b)fluoranthene	3600		ug/kg	110	31.	1
Benzo(k)fluoranthene	1400		ug/kg	110	29.	1
Chrysene	3200		ug/kg	110	19.	1
Acenaphthylene	720		ug/kg	150	28.	1
Anthracene	730		ug/kg	110	36.	1
Benzo(ghi)perylene	2000		ug/kg	150	22.	1
Fluorene	500		ug/kg	180	18.	1
Phenanthrene	5000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	560		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	26.	1
Pyrene	4800		ug/kg	110	18.	1
Biphenyl	150	J	ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	520		ug/kg	180	17.	1
2-Methylnaphthalene	380		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	38	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	90	J	ug/kg	260	29.	1



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-18  
**Client ID:** LB15\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 14:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	400		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-19 D  
 Client ID: LB15\_5.0-7.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270D  
 Analytical Date: 09/11/19 01:22  
 Analyst: IM  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 09/05/19 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Acenaphthene	360		ug/kg	290	37.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	41.	2
Hexachlorobenzene	ND		ug/kg	220	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	49.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
1,2-Dichlorobenzene	ND		ug/kg	360	65.	2
1,3-Dichlorobenzene	ND		ug/kg	360	62.	2
1,4-Dichlorobenzene	ND		ug/kg	360	63.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	96.	2
2,4-Dinitrotoluene	ND		ug/kg	360	72.	2
2,6-Dinitrotoluene	ND		ug/kg	360	62.	2
Fluoranthene	7200		ug/kg	220	41.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	38.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	55.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	430	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	53.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	58.	2
Isophorone	ND		ug/kg	320	47.	2
Naphthalene	520		ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	320	53.	2
NDPA/DPA	ND		ug/kg	290	41.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	180	J	ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	91.	2
Di-n-butylphthalate	ND		ug/kg	360	68.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-19 D  
 Client ID: LB15\_5.0-7.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Diethyl phthalate	ND		ug/kg	360	33.	2
Dimethyl phthalate	350	J	ug/kg	360	76.	2
Benzo(a)anthracene	2900		ug/kg	220	40.	2
Benzo(a)pyrene	2900		ug/kg	290	88.	2
Benzo(b)fluoranthene	3700		ug/kg	220	61.	2
Benzo(k)fluoranthene	1200		ug/kg	220	58.	2
Chrysene	2800		ug/kg	220	37.	2
Acenaphthylene	590		ug/kg	290	56.	2
Anthracene	1200		ug/kg	220	70.	2
Benzo(ghi)perylene	1900		ug/kg	290	42.	2
Fluorene	470		ug/kg	360	35.	2
Phenanthrene	5500		ug/kg	220	44.	2
Dibenzo(a,h)anthracene	390		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	1800		ug/kg	290	50.	2
Pyrene	6200		ug/kg	220	36.	2
Biphenyl	84	J	ug/kg	820	84.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	69.	2
3-Nitroaniline	ND		ug/kg	360	68.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	390		ug/kg	360	34.	2
2-Methylnaphthalene	220	J	ug/kg	430	43.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	56	J	ug/kg	360	44.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	68.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	42.	2
2,4-Dichlorophenol	ND		ug/kg	320	58.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	780	140	2
4-Nitrophenol	ND		ug/kg	500	150	2
2,4-Dinitrophenol	ND		ug/kg	1700	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	940	170	2
Pentachlorophenol	ND		ug/kg	290	79.	2
Phenol	ND		ug/kg	360	54.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	56.	2

**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**SAMPLE RESULTS**

Lab ID: L1940231-19 D  
 Client ID: LB15\_5.0-7.0  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 14:10  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	360	69.	2
Benzoic Acid	ND		ug/kg	1200	360	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	470		ug/kg	360	35.	2
1,4-Dioxane	ND		ug/kg	54	16.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	48		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/09/19 19:43  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 02-19 Batch: WG1280805-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/09/19 19:43  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-19 Batch: WG1280805-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/09/19 19:43  
Analyst: RC

Extraction Method: EPA 3546  
Extraction Date: 09/05/19 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-19 Batch: WG1280805-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	89		18-120

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/11/19 00:27  
Analyst: RC

Extraction Method: EPA 3510C  
Extraction Date: 09/07/19 03:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1281385-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/11/19 00:27  
Analyst: RC

Extraction Method: EPA 3510C  
Extraction Date: 09/07/19 03:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1281385-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis  
Batch Quality Control**

Analytical Method: 1,8270D  
Analytical Date: 09/11/19 00:27  
Analyst: RC

Extraction Method: EPA 3510C  
Extraction Date: 09/07/19 03:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1281385-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	86		41-149

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 09/11/19 14:01  
Analyst: DV

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1282409-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270D-SIM  
Analytical Date: 09/11/19 14:01  
Analyst: DV

Extraction Method: EPA 3510C  
Extraction Date: 09/10/19 17:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1282409-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	72		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-19 Batch: WG1280805-2 WG1280805-3								
Acenaphthene	74		63		31-137	16		50
1,2,4-Trichlorobenzene	68		64		38-107	6		50
Hexachlorobenzene	72		62		40-140	15		50
Bis(2-chloroethyl)ether	62		56		40-140	10		50
2-Chloronaphthalene	77		68		40-140	12		50
1,2-Dichlorobenzene	68		61		40-140	11		50
1,3-Dichlorobenzene	69		63		40-140	9		50
1,4-Dichlorobenzene	68		61		28-104	11		50
3,3'-Dichlorobenzidine	57		50		40-140	13		50
2,4-Dinitrotoluene	95		80		40-132	17		50
2,6-Dinitrotoluene	93		81		40-140	14		50
Fluoranthene	75		66		40-140	13		50
4-Chlorophenyl phenyl ether	76		66		40-140	14		50
4-Bromophenyl phenyl ether	74		63		40-140	16		50
Bis(2-chloroisopropyl)ether	53		49		40-140	8		50
Bis(2-chloroethoxy)methane	68		59		40-117	14		50
Hexachlorobutadiene	73		64		40-140	13		50
Hexachlorocyclopentadiene	73		65		40-140	12		50
Hexachloroethane	66		62		40-140	6		50
Isophorone	69		62		40-140	11		50
Naphthalene	72		63		40-140	13		50
Nitrobenzene	79		73		40-140	8		50
NDPA/DPA	80		67		36-157	18		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-19 Batch: WG1280805-2 WG1280805-3								
n-Nitrosodi-n-propylamine	73		64		32-121	13		50
Bis(2-ethylhexyl)phthalate	83		71		40-140	16		50
Butyl benzyl phthalate	82		70		40-140	16		50
Di-n-butylphthalate	77		66		40-140	15		50
Di-n-octylphthalate	84		72		40-140	15		50
Diethyl phthalate	81		67		40-140	19		50
Dimethyl phthalate	81		71		40-140	13		50
Benzo(a)anthracene	76		65		40-140	16		50
Benzo(a)pyrene	74		65		40-140	13		50
Benzo(b)fluoranthene	81		70		40-140	15		50
Benzo(k)fluoranthene	76		64		40-140	17		50
Chrysene	75		63		40-140	17		50
Acenaphthylene	78		68		40-140	14		50
Anthracene	73		63		40-140	15		50
Benzo(ghi)perylene	79		67		40-140	16		50
Fluorene	78		67		40-140	15		50
Phenanthrene	71		62		40-140	14		50
Dibenzo(a,h)anthracene	76		63		40-140	19		50
Indeno(1,2,3-cd)pyrene	79		66		40-140	18		50
Pyrene	73		64		35-142	13		50
Biphenyl	80		70		37-127	13		50
4-Chloroaniline	64		52		40-140	21		50
2-Nitroaniline	96		86		47-134	11		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-19 Batch: WG1280805-2 WG1280805-3								
3-Nitroaniline	72		63		26-129	13		50
4-Nitroaniline	91		77		41-125	17		50
Dibenzofuran	80		66		40-140	19		50
2-Methylnaphthalene	75		66		40-140	13		50
1,2,4,5-Tetrachlorobenzene	75		64		40-117	16		50
Acetophenone	74		69		14-144	7		50
2,4,6-Trichlorophenol	86		73		30-130	16		50
p-Chloro-m-cresol	90		81		26-103	11		50
2-Chlorophenol	73		68		25-102	7		50
2,4-Dichlorophenol	81		73		30-130	10		50
2,4-Dimethylphenol	86		75		30-130	14		50
2-Nitrophenol	98		85		30-130	14		50
4-Nitrophenol	104		84		11-114	21		50
2,4-Dinitrophenol	99		83		4-130	18		50
4,6-Dinitro-o-cresol	110		91		10-130	19		50
Pentachlorophenol	86		69		17-109	22		50
Phenol	72		66		26-90	9		50
2-Methylphenol	77		67		30-130.	14		50
3-Methylphenol/4-Methylphenol	78		68		30-130	14		50
2,4,5-Trichlorophenol	89		73		30-130	20		50
Benzoic Acid	33		22		10-110	40		50
Benzyl Alcohol	83		76		40-140	9		50
Carbazole	74		65		54-128	13		50

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-19 Batch: WG1280805-2 WG1280805-3								
1,4-Dioxane	50		47		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		67		25-120
Phenol-d6	76		68		10-120
Nitrobenzene-d5	81		75		23-120
2-Fluorobiphenyl	80		65		30-120
2,4,6-Tribromophenol	83		70		10-136
4-Terphenyl-d14	73		64		18-120



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281385-2 WG1281385-3								
Acenaphthene	72		74		37-111	3		30
1,2,4-Trichlorobenzene	62		69		39-98	11		30
Hexachlorobenzene	66		67		40-140	2		30
Bis(2-chloroethyl)ether	68		74		40-140	8		30
2-Chloronaphthalene	76		78		40-140	3		30
1,2-Dichlorobenzene	63		69		40-140	9		30
1,3-Dichlorobenzene	63		68		40-140	8		30
1,4-Dichlorobenzene	64		70		36-97	9		30
3,3'-Dichlorobenzidine	59		68		40-140	14		30
2,4-Dinitrotoluene	71		74		48-143	4		30
2,6-Dinitrotoluene	75		80		40-140	6		30
Fluoranthene	82		86		40-140	5		30
4-Chlorophenyl phenyl ether	71		77		40-140	8		30
4-Bromophenyl phenyl ether	71		75		40-140	5		30
Bis(2-chloroisopropyl)ether	74		82		40-140	10		30
Bis(2-chloroethoxy)methane	72		78		40-140	8		30
Hexachlorobutadiene	69		75		40-140	8		30
Hexachlorocyclopentadiene	64		73		40-140	13		30
Hexachloroethane	63		73		40-140	15		30
Isophorone	71		78		40-140	9		30
Naphthalene	72		78		40-140	8		30
Nitrobenzene	69		74		40-140	7		30
NDPA/DPA	75		80		40-140	6		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281385-2 WG1281385-3								
n-Nitrosodi-n-propylamine	75		82		29-132	9		30
Bis(2-ethylhexyl)phthalate	76		83		40-140	9		30
Butyl benzyl phthalate	81		81		40-140	0		30
Di-n-butylphthalate	78		84		40-140	7		30
Di-n-octylphthalate	80		86		40-140	7		30
Diethyl phthalate	75		79		40-140	5		30
Dimethyl phthalate	79		82		40-140	4		30
Benzo(a)anthracene	84		92		40-140	9		30
Benzo(a)pyrene	80		87		40-140	8		30
Benzo(b)fluoranthene	78		87		40-140	11		30
Benzo(k)fluoranthene	82		89		40-140	8		30
Chrysene	78		89		40-140	13		30
Acenaphthylene	77		80		45-123	4		30
Anthracene	82		88		40-140	7		30
Benzo(ghi)perylene	78		87		40-140	11		30
Fluorene	73		75		40-140	3		30
Phenanthrene	81		87		40-140	7		30
Dibenzo(a,h)anthracene	79		86		40-140	8		30
Indeno(1,2,3-cd)pyrene	82		86		40-140	5		30
Pyrene	80		83		26-127	4		30
Biphenyl	70		75		40-140	7		30
4-Chloroaniline	68		62		40-140	9		30
2-Nitroaniline	78		80		52-143	3		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281385-2 WG1281385-3								
3-Nitroaniline	59		58		25-145	2		30
4-Nitroaniline	71		73		51-143	3		30
Dibenzofuran	69		73		40-140	6		30
2-Methylnaphthalene	73		78		40-140	7		30
1,2,4,5-Tetrachlorobenzene	64		71		2-134	10		30
Acetophenone	62		68		39-129	9		30
2,4,6-Trichlorophenol	73		81		30-130	10		30
p-Chloro-m-cresol	82		87		23-97	6		30
2-Chlorophenol	69		77		27-123	11		30
2,4-Dichlorophenol	69		75		30-130	8		30
2,4-Dimethylphenol	49		56		30-130	13		30
2-Nitrophenol	73		78		30-130	7		30
4-Nitrophenol	66		68		10-80	3		30
2,4-Dinitrophenol	75		78		20-130	4		30
4,6-Dinitro-o-cresol	81		84		20-164	4		30
Pentachlorophenol	64		68		9-103	6		30
Phenol	58		60		12-110	3		30
2-Methylphenol	67		73		30-130	9		30
3-Methylphenol/4-Methylphenol	69		73		30-130	6		30
2,4,5-Trichlorophenol	76		79		30-130	4		30
Benzoic Acid	68		73		10-164	7		30
Benzyl Alcohol	67		70		26-116	4		30
Carbazole	83		88		55-144	6		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1281385-2 WG1281385-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		66		21-120
Phenol-d6	57		59		10-120
Nitrobenzene-d5	69		77		23-120
2-Fluorobiphenyl	75		78		15-120
2,4,6-Tribromophenol	59		61		10-120
4-Terphenyl-d14	81		84		41-149

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1282409-2 WG1282409-3								
Acenaphthene	56		73		40-140	26		40
2-Chloronaphthalene	56		72		40-140	25		40
Fluoranthene	58		77		40-140	28		40
Hexachlorobutadiene	60		77		40-140	25		40
Naphthalene	56		72		40-140	25		40
Benzo(a)anthracene	56		74		40-140	28		40
Benzo(a)pyrene	57		76		40-140	29		40
Benzo(b)fluoranthene	60		78		40-140	26		40
Benzo(k)fluoranthene	58		80		40-140	32		40
Chrysene	56		76		40-140	30		40
Acenaphthylene	54		72		40-140	29		40
Anthracene	58		76		40-140	27		40
Benzo(ghi)perylene	59		78		40-140	28		40
Fluorene	57		74		40-140	26		40
Phenanthrene	56		74		40-140	28		40
Dibenzo(a,h)anthracene	61		81		40-140	28		40
Indeno(1,2,3-cd)pyrene	59		79		40-140	29		40
Pyrene	58		77		40-140	28		40
2-Methylnaphthalene	56		72		40-140	25		40
Pentachlorophenol	60		76		40-140	24		40
Hexachlorobenzene	64		83		40-140	26		40
Hexachloroethane	55		70		40-140	24		40

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1282409-2 WG1282409-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		56		21-120
Phenol-d6	38		49		10-120
Nitrobenzene-d5	55		71		23-120
2-Fluorobiphenyl	51		67		15-120
2,4,6-Tribromophenol	54		79		10-120
4-Terphenyl-d14	53		69		41-149

# PCBS

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-01  
**Client ID:** SOFB02\_090419  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 00:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 09/07/19 18:05  
**Analyst:** WR

**Extraction Method:** EPA 3510C  
**Extraction Date:** 09/07/19 04:31  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 09/07/19  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 09/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Polychlorinated Biphenyls by GC - Westborough Lab</b>							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	0.077	J	ug/l	0.083	0.032	1	B
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.077	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	61		30-150	B



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8082A  
Analytical Date: 09/06/19 18:07  
Analyst: WR

Extraction Method: EPA 3510C  
Extraction Date: 09/06/19 09:50  
Cleanup Method: EPA 3665A  
Cleanup Date: 09/06/19  
Cleanup Method: EPA 3660B  
Cleanup Date: 09/06/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1281081-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	0.180		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	0.180		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	75		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1281081-2 WG1281081-3									
Aroclor 1016	73		81		40-140	10		50	A
Aroclor 1260	73		84		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		85		30-150	A
Decachlorobiphenyl	77		89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		86		30-150	B
Decachlorobiphenyl	78		86		30-150	B

# PESTICIDES

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-01  
**Client ID:** SOFB02\_090419  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 00:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8081B  
**Analytical Date:** 09/09/19 01:30  
**Analyst:** AMC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 09/07/19 04:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-01  
 Client ID: SOFB02\_090419  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 00:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	84		30-150	B

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

Lab ID: L1940231-01  
 Client ID: SOFB02\_090419  
 Sample Location: 47 COMMERCIAL ST. BROOKLYN

Date Collected: 09/04/19 00:00  
 Date Received: 09/04/19  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8151A  
 Analytical Date: 09/10/19 04:34  
 Analyst: DGM

Extraction Method: EPA 8151A  
 Extraction Date: 09/08/19 02:52

Methylation Date: 09/09/19 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Chlorinated Herbicides by GC - Westborough Lab</b>							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	75		30-150	B

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 09/08/19 22:46  
Analyst: AMC

Extraction Method: EPA 3510C  
Extraction Date: 09/07/19 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1281370-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 09/08/19 22:46  
Analyst: AMC

Extraction Method: EPA 3510C  
Extraction Date: 09/07/19 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1281370-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	60		30-150	B



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8151A  
Analytical Date: 09/10/19 03:38  
Analyst: DGM

Extraction Method: EPA 8151A  
Extraction Date: 09/08/19 02:52

Methylation Date: 09/09/19 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1281577-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	78		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1281370-2 WG1281370-3									
Delta-BHC	37		40		30-150	6		20	A
Lindane	50		50		30-150	1		20	A
Alpha-BHC	49		51		30-150	3		20	A
Beta-BHC	50		52		30-150	3		20	A
Heptachlor	50		51		30-150	1		20	A
Aldrin	49		50		30-150	1		20	A
Heptachlor epoxide	55		55		30-150	0		20	A
Endrin	57		58		30-150	2		20	A
Endrin aldehyde	44		45		30-150	1		20	A
Endrin ketone	61		71		30-150	15		20	A
Dieldrin	59		65		30-150	11		20	A
4,4'-DDE	53		55		30-150	4		20	A
4,4'-DDD	55		58		30-150	5		20	A
4,4'-DDT	55		57		30-150	5		20	A
Endosulfan I	50		51		30-150	1		20	A
Endosulfan II	53		54		30-150	2		20	A
Endosulfan sulfate	49		52		30-150	7		20	A
Methoxychlor	50		51		30-150	1		20	A
cis-Chlordane	52		51		30-150	3		20	A
trans-Chlordane	52		53		30-150	1		20	A

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1281370-2 WG1281370-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		46		30-150	A
Decachlorobiphenyl	47		49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		50		30-150	B
Decachlorobiphenyl	63		64		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1281577-2 WG1281577-3									
2,4-D	93		95		30-150	2		25	A
2,4,5-T	93		93		30-150	0		25	A
2,4,5-TP (Silvex)	94		97		30-150	3		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		90		30-150	A
DCAA	90		89		30-150	B

## METALS

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-01

Date Collected: 09/04/19 00:00

Client ID: SOFB02\_090419

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	ND		mg/l	0.100	0.032	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Antimony, Total	ND		mg/l	0.050	0.007	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Arsenic, Total	ND		mg/l	0.005	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Barium, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Cadmium, Total	ND		mg/l	0.005	0.001	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Calcium, Total	ND		mg/l	0.100	0.035	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Chromium, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Cobalt, Total	ND		mg/l	0.020	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Copper, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Iron, Total	ND		mg/l	0.050	0.009	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Lead, Total	ND		mg/l	0.010	0.003	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Magnesium, Total	ND		mg/l	0.100	0.015	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Manganese, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/19 11:47	09/10/19 18:51	EPA 7470A	1,7470A	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Potassium, Total	ND		mg/l	2.50	0.237	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Selenium, Total	ND		mg/l	0.010	0.004	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Silver, Total	ND		mg/l	0.007	0.003	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Sodium, Total	ND		mg/l	2.00	0.120	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Thallium, Total	ND		mg/l	0.020	0.003	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Vanadium, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
Zinc, Total	ND		mg/l	0.050	0.002	1	09/10/19 17:40	09/10/19 23:29	EPA 3005A	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	ND		mg/l	0.010	0.010	1		09/10/19 23:29	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-02

Date Collected: 09/04/19 12:15

Client ID: LB02\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5760		mg/kg	9.38	2.53	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Antimony, Total	4.15	J	mg/kg	4.69	0.356	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Arsenic, Total	30.7		mg/kg	0.938	0.195	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Barium, Total	134		mg/kg	0.938	0.163	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Beryllium, Total	3.51		mg/kg	0.469	0.031	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Cadmium, Total	0.656	J	mg/kg	0.938	0.092	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Calcium, Total	8560		mg/kg	9.38	3.28	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Chromium, Total	45.6		mg/kg	0.938	0.090	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Cobalt, Total	29.8		mg/kg	1.88	0.156	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Copper, Total	489		mg/kg	0.938	0.242	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Iron, Total	35300		mg/kg	4.69	0.847	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Lead, Total	444		mg/kg	4.69	0.251	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Magnesium, Total	1800		mg/kg	9.38	1.44	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Manganese, Total	270		mg/kg	0.938	0.149	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Mercury, Total	0.745		mg/kg	0.074	0.048	1	09/07/19 06:50	09/09/19 19:04	EPA 7471B	1,7471B	GD
Nickel, Total	61.2		mg/kg	2.34	0.227	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Potassium, Total	880		mg/kg	234	13.5	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Selenium, Total	1.16	J	mg/kg	1.88	0.242	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Silver, Total	0.328	J	mg/kg	0.938	0.265	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Sodium, Total	456		mg/kg	188	2.95	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.88	0.295	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Vanadium, Total	30.6		mg/kg	0.938	0.190	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
Zinc, Total	3070		mg/kg	4.69	0.275	2	09/10/19 14:41	09/10/19 17:55	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	45	J	mg/kg	0.94	0.94	1		09/10/19 17:55	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-03

Date Collected: 09/04/19 12:20

Client ID: LB02\_6.0-8.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2950		mg/kg	9.32	2.52	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Antimony, Total	0.568	J	mg/kg	4.66	0.354	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Arsenic, Total	9.80		mg/kg	0.932	0.194	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Barium, Total	41.6		mg/kg	0.932	0.162	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Beryllium, Total	0.158	J	mg/kg	0.466	0.031	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Cadmium, Total	0.261	J	mg/kg	0.932	0.091	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Calcium, Total	9710		mg/kg	9.32	3.26	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Chromium, Total	7.83		mg/kg	0.932	0.089	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Cobalt, Total	5.12		mg/kg	1.86	0.155	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Copper, Total	31.8		mg/kg	0.932	0.240	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Iron, Total	11400		mg/kg	4.66	0.841	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Lead, Total	55.5		mg/kg	4.66	0.250	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Magnesium, Total	1130		mg/kg	9.32	1.43	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Manganese, Total	268		mg/kg	0.932	0.148	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Mercury, Total	2.25		mg/kg	0.074	0.048	1	09/07/19 06:50	09/09/19 19:11	EPA 7471B	1,7471B	GD
Nickel, Total	11.2		mg/kg	2.33	0.225	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Potassium, Total	431		mg/kg	233	13.4	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Selenium, Total	0.745	J	mg/kg	1.86	0.240	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.932	0.264	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Sodium, Total	116	J	mg/kg	186	2.93	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.86	0.293	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Vanadium, Total	14.3		mg/kg	0.932	0.189	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
Zinc, Total	58.9		mg/kg	4.66	0.273	2	09/10/19 14:41	09/10/19 18:13	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	7.8		mg/kg	0.94	0.94	1		09/10/19 18:13	NA	107,-	





Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-04

Date Collected: 09/04/19 15:05

Client ID: LB03\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	7240		mg/kg	10.1	2.74	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Antimony, Total	1.32	J	mg/kg	5.07	0.386	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Arsenic, Total	13.9		mg/kg	1.01	0.211	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Barium, Total	114		mg/kg	1.01	0.176	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Beryllium, Total	0.233	J	mg/kg	0.507	0.034	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Cadmium, Total	0.629	J	mg/kg	1.01	0.099	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Calcium, Total	6680		mg/kg	10.1	3.55	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Chromium, Total	16.7		mg/kg	1.01	0.097	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Cobalt, Total	8.83		mg/kg	2.03	0.168	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Copper, Total	88.7		mg/kg	1.01	0.262	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Iron, Total	22000		mg/kg	5.07	0.916	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Lead, Total	273		mg/kg	5.07	0.272	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Magnesium, Total	2670		mg/kg	10.1	1.56	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Manganese, Total	193		mg/kg	1.01	0.161	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Mercury, Total	1.17		mg/kg	0.082	0.053	1	09/07/19 06:50	09/09/19 19:17	EPA 7471B	1,7471B	GD
Nickel, Total	17.0		mg/kg	2.54	0.246	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Potassium, Total	1230		mg/kg	254	14.6	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Selenium, Total	0.893	J	mg/kg	2.03	0.262	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	1.01	0.287	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Sodium, Total	616		mg/kg	203	3.20	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	2.03	0.320	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Vanadium, Total	27.0		mg/kg	1.01	0.206	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
Zinc, Total	210		mg/kg	5.07	0.297	2	09/10/19 14:41	09/10/19 18:18	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	17		mg/kg	1.0	1.0	1		09/10/19 18:18	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-05

Date Collected: 09/04/19 15:10

Client ID: LB03\_4.0-6.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	3780		mg/kg	8.32	2.24	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Antimony, Total	2.63	J	mg/kg	4.16	0.316	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Arsenic, Total	13.8		mg/kg	0.832	0.173	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Barium, Total	140		mg/kg	0.832	0.145	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Beryllium, Total	0.166	J	mg/kg	0.416	0.027	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Cadmium, Total	0.865		mg/kg	0.832	0.082	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Calcium, Total	2410		mg/kg	8.32	2.91	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Chromium, Total	12.0		mg/kg	0.832	0.080	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Cobalt, Total	5.66		mg/kg	1.66	0.138	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Copper, Total	105		mg/kg	0.832	0.214	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Iron, Total	16800		mg/kg	4.16	0.751	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Lead, Total	342		mg/kg	4.16	0.223	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Magnesium, Total	1230		mg/kg	8.32	1.28	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Manganese, Total	211		mg/kg	0.832	0.132	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Mercury, Total	2.49		mg/kg	0.068	0.044	1	09/07/19 06:50	09/09/19 19:19	EPA 7471B	1,7471B	GD
Nickel, Total	13.8		mg/kg	2.08	0.201	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Potassium, Total	691		mg/kg	208	12.0	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Selenium, Total	0.740	J	mg/kg	1.66	0.214	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.832	0.235	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Sodium, Total	300		mg/kg	166	2.62	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.66	0.262	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Vanadium, Total	16.6		mg/kg	0.832	0.169	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
Zinc, Total	392		mg/kg	4.16	0.244	2	09/10/19 14:41	09/10/19 18:22	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	12		mg/kg	0.86	0.87	1		09/10/19 18:22	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-06

Date Collected: 09/04/19 15:40

Client ID: LB04\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5800		mg/kg	8.77	2.37	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Antimony, Total	0.930	J	mg/kg	4.38	0.333	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Arsenic, Total	5.72		mg/kg	0.877	0.182	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Barium, Total	42.5		mg/kg	0.877	0.152	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Beryllium, Total	0.368	J	mg/kg	0.438	0.029	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Cadmium, Total	0.780	J	mg/kg	0.877	0.086	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Calcium, Total	7510		mg/kg	8.77	3.07	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Chromium, Total	8.94		mg/kg	0.877	0.084	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Cobalt, Total	13.6		mg/kg	1.75	0.146	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Copper, Total	85.1		mg/kg	0.877	0.226	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Iron, Total	15200		mg/kg	4.38	0.792	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Lead, Total	403		mg/kg	4.38	0.235	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Magnesium, Total	1310		mg/kg	8.77	1.35	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Manganese, Total	347		mg/kg	0.877	0.139	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Mercury, Total	0.581		mg/kg	0.070	0.046	1	09/07/19 06:50	09/09/19 19:21	EPA 7471B	1,7471B	GD
Nickel, Total	26.7		mg/kg	2.19	0.212	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Potassium, Total	382		mg/kg	219	12.6	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.75	0.226	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.877	0.248	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Sodium, Total	106	J	mg/kg	175	2.76	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.75	0.276	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Vanadium, Total	13.0		mg/kg	0.877	0.178	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
Zinc, Total	255		mg/kg	4.38	0.257	2	09/10/19 14:41	09/10/19 18:40	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	8.9		mg/kg	0.88	0.88	1		09/10/19 18:40	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-07

Date Collected: 09/04/19 15:45

Client ID: LB04\_4.0-6.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5280		mg/kg	8.84	2.39	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Antimony, Total	2.83	J	mg/kg	4.42	0.336	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Arsenic, Total	22.8		mg/kg	0.884	0.184	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Barium, Total	86.5		mg/kg	0.884	0.154	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Beryllium, Total	0.283	J	mg/kg	0.442	0.029	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Cadmium, Total	0.592	J	mg/kg	0.884	0.087	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Calcium, Total	33800		mg/kg	8.84	3.09	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Chromium, Total	15.9		mg/kg	0.884	0.085	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Cobalt, Total	10.8		mg/kg	1.77	0.147	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Copper, Total	145		mg/kg	0.884	0.228	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Iron, Total	36000		mg/kg	4.42	0.798	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Lead, Total	165		mg/kg	4.42	0.237	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Magnesium, Total	18000		mg/kg	8.84	1.36	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Manganese, Total	210		mg/kg	0.884	0.140	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Mercury, Total	0.454		mg/kg	0.072	0.047	1	09/07/19 06:50	09/09/19 19:23	EPA 7471B	1,7471B	GD
Nickel, Total	14.2		mg/kg	2.21	0.214	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Potassium, Total	852		mg/kg	221	12.7	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Selenium, Total	1.28	J	mg/kg	1.77	0.228	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.884	0.250	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Sodium, Total	181		mg/kg	177	2.78	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.77	0.278	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Vanadium, Total	29.9		mg/kg	0.884	0.179	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
Zinc, Total	131		mg/kg	4.42	0.259	2	09/10/19 14:41	09/10/19 18:45	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	16		mg/kg	0.91	0.91	1		09/10/19 18:45	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-08

Date Collected: 09/04/19 08:10

Client ID: LB10\_2.0-4.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2680		mg/kg	8.94	2.41	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Antimony, Total	1.15	J	mg/kg	4.47	0.340	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Arsenic, Total	10.3		mg/kg	0.894	0.186	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Barium, Total	103		mg/kg	0.894	0.156	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Beryllium, Total	1.96		mg/kg	0.447	0.030	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Cadmium, Total	0.456	J	mg/kg	0.894	0.088	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Calcium, Total	127000		mg/kg	89.4	31.3	20	09/10/19 14:41	09/10/19 20:31	EPA 3050B	1,6010D	MC
Chromium, Total	9.77		mg/kg	0.894	0.086	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Cobalt, Total	5.90		mg/kg	1.79	0.148	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Copper, Total	89.4		mg/kg	0.894	0.230	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Iron, Total	15000		mg/kg	4.47	0.807	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Lead, Total	244		mg/kg	4.47	0.240	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Magnesium, Total	46600		mg/kg	8.94	1.38	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Manganese, Total	169		mg/kg	0.894	0.142	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Mercury, Total	0.170		mg/kg	0.071	0.047	1	09/07/19 06:50	09/09/19 19:25	EPA 7471B	1,7471B	GD
Nickel, Total	15.0		mg/kg	2.23	0.216	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Potassium, Total	408		mg/kg	223	12.9	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Selenium, Total	0.411	J	mg/kg	1.79	0.230	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.894	0.253	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Sodium, Total	223		mg/kg	179	2.82	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.79	0.282	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Vanadium, Total	17.1		mg/kg	0.894	0.181	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
Zinc, Total	493		mg/kg	4.47	0.262	2	09/10/19 14:41	09/10/19 18:49	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	9.8		mg/kg	0.90	0.90	1		09/10/19 18:49	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-09

Date Collected: 09/04/19 08:15

Client ID: LB10\_6.0-8.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	7110		mg/kg	9.07	2.45	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Antimony, Total	1.30	J	mg/kg	4.54	0.345	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Arsenic, Total	13.1		mg/kg	0.907	0.189	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Barium, Total	136		mg/kg	0.907	0.158	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Beryllium, Total	2.26		mg/kg	0.454	0.030	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Cadmium, Total	0.499	J	mg/kg	0.907	0.089	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Calcium, Total	14700		mg/kg	9.07	3.17	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Chromium, Total	42.7		mg/kg	0.907	0.087	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Cobalt, Total	15.9		mg/kg	1.81	0.150	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Copper, Total	196		mg/kg	0.907	0.234	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Iron, Total	20300		mg/kg	4.54	0.819	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Lead, Total	273		mg/kg	4.54	0.243	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Magnesium, Total	2510		mg/kg	9.07	1.40	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Manganese, Total	177		mg/kg	0.907	0.144	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Mercury, Total	0.216		mg/kg	0.073	0.048	1	09/07/19 06:50	09/09/19 19:27	EPA 7471B	1,7471B	GD
Nickel, Total	30.8		mg/kg	2.27	0.220	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Potassium, Total	810		mg/kg	227	13.1	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Selenium, Total	1.32	J	mg/kg	1.81	0.234	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.907	0.257	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Sodium, Total	361		mg/kg	181	2.86	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.81	0.286	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Vanadium, Total	26.7		mg/kg	0.907	0.184	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
Zinc, Total	1310		mg/kg	4.54	0.266	2	09/10/19 14:41	09/10/19 18:54	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	43		mg/kg	0.91	0.91	1		09/10/19 18:54	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-10

Date Collected: 09/04/19 08:40

Client ID: LB11\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	2100		mg/kg	8.49	2.29	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Antimony, Total	1.00	J	mg/kg	4.24	0.323	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Arsenic, Total	9.59		mg/kg	0.849	0.176	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Barium, Total	78.1		mg/kg	0.849	0.148	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Beryllium, Total	0.110	J	mg/kg	0.424	0.028	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Cadmium, Total	0.467	J	mg/kg	0.849	0.083	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Calcium, Total	6050		mg/kg	8.49	2.97	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Chromium, Total	5.64		mg/kg	0.849	0.082	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Cobalt, Total	3.34		mg/kg	1.70	0.141	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Copper, Total	34.8		mg/kg	0.849	0.219	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Iron, Total	8840		mg/kg	4.24	0.767	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Lead, Total	177		mg/kg	4.24	0.228	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Magnesium, Total	907		mg/kg	8.49	1.31	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Manganese, Total	59.9		mg/kg	0.849	0.135	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/07/19 06:50	09/09/19 19:29	EPA 7471B	1,7471B	GD
Nickel, Total	8.36		mg/kg	2.12	0.205	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Potassium, Total	260		mg/kg	212	12.2	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Selenium, Total	0.382	J	mg/kg	1.70	0.219	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.849	0.240	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Sodium, Total	116	J	mg/kg	170	2.67	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.70	0.267	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Vanadium, Total	12.0		mg/kg	0.849	0.172	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
Zinc, Total	180		mg/kg	4.24	0.249	2	09/10/19 14:41	09/10/19 18:59	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	5.6		mg/kg	0.91	0.91	1		09/10/19 18:59	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-11

Date Collected: 09/04/19 08:45

Client ID: LB11\_6.0-8.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	3610		mg/kg	9.07	2.45	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Antimony, Total	2.36	J	mg/kg	4.53	0.345	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Arsenic, Total	60.5		mg/kg	0.907	0.189	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Barium, Total	106		mg/kg	0.907	0.158	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Beryllium, Total	0.127	J	mg/kg	0.453	0.030	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Cadmium, Total	0.499	J	mg/kg	0.907	0.089	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Calcium, Total	9690		mg/kg	9.07	3.17	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Chromium, Total	14.2		mg/kg	0.907	0.087	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Cobalt, Total	4.01		mg/kg	1.81	0.150	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Copper, Total	52.2		mg/kg	0.907	0.234	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Iron, Total	32600		mg/kg	4.53	0.819	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Lead, Total	182		mg/kg	4.53	0.243	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Magnesium, Total	1640		mg/kg	9.07	1.40	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Manganese, Total	81.4		mg/kg	0.907	0.144	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Mercury, Total	0.158		mg/kg	0.076	0.049	1	09/07/19 06:50	09/09/19 19:31	EPA 7471B	1,7471B	GD
Nickel, Total	9.48		mg/kg	2.27	0.219	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Potassium, Total	565		mg/kg	227	13.1	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Selenium, Total	7.26		mg/kg	1.81	0.234	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Silver, Total	0.345	J	mg/kg	0.907	0.257	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Sodium, Total	192		mg/kg	181	2.86	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.81	0.286	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Vanadium, Total	46.7		mg/kg	0.907	0.184	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
Zinc, Total	57.0		mg/kg	4.53	0.266	2	09/10/19 14:41	09/10/19 19:03	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	14		mg/kg	0.96	0.97	1		09/10/19 19:03	NA	107,-	





Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-12

Date Collected: 09/04/19 09:40

Client ID: LB12\_2.0-4.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	7800		mg/kg	9.73	2.63	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Antimony, Total	1.26	J	mg/kg	4.86	0.370	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Arsenic, Total	9.75		mg/kg	0.973	0.202	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Barium, Total	585		mg/kg	0.973	0.169	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Beryllium, Total	0.321	J	mg/kg	0.486	0.032	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Cadmium, Total	2.28		mg/kg	0.973	0.095	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Calcium, Total	5060		mg/kg	9.73	3.40	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Chromium, Total	23.8		mg/kg	0.973	0.093	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Cobalt, Total	13.1		mg/kg	1.94	0.162	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Copper, Total	61.9		mg/kg	0.973	0.251	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Iron, Total	24400		mg/kg	4.86	0.878	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Lead, Total	771		mg/kg	4.86	0.261	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Magnesium, Total	4680		mg/kg	9.73	1.50	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Manganese, Total	945		mg/kg	0.973	0.155	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Mercury, Total	0.506		mg/kg	0.078	0.051	1	09/07/19 06:50	09/09/19 19:33	EPA 7471B	1,7471B	GD
Nickel, Total	24.9		mg/kg	2.43	0.235	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Potassium, Total	1240		mg/kg	243	14.0	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Selenium, Total	0.603	J	mg/kg	1.94	0.251	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Silver, Total	0.350	J	mg/kg	0.973	0.275	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Sodium, Total	162	J	mg/kg	194	3.06	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Thallium, Total	0.720	J	mg/kg	1.94	0.306	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Vanadium, Total	28.9		mg/kg	0.973	0.198	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
Zinc, Total	489		mg/kg	4.86	0.285	2	09/10/19 14:41	09/10/19 19:08	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	24		mg/kg	1.0	1.0	1		09/10/19 19:08	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-13

Date Collected: 09/04/19 09:45

Client ID: LB12\_6.0-8.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	8880		mg/kg	8.77	2.37	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Antimony, Total	1.58	J	mg/kg	4.38	0.333	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Arsenic, Total	17.0		mg/kg	0.877	0.182	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Barium, Total	94.7		mg/kg	0.877	0.152	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Beryllium, Total	0.333	J	mg/kg	0.438	0.029	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Cadmium, Total	1.17		mg/kg	0.877	0.086	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Calcium, Total	26500		mg/kg	8.77	3.07	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Chromium, Total	13.9		mg/kg	0.877	0.084	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Cobalt, Total	9.29		mg/kg	1.75	0.146	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Copper, Total	112		mg/kg	0.877	0.226	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Iron, Total	23400		mg/kg	4.38	0.792	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Lead, Total	1030		mg/kg	4.38	0.235	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Magnesium, Total	7730		mg/kg	8.77	1.35	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Manganese, Total	288		mg/kg	0.877	0.139	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Mercury, Total	2.59		mg/kg	0.071	0.046	1	09/07/19 06:50	09/09/19 19:35	EPA 7471B	1,7471B	GD
Nickel, Total	17.9		mg/kg	2.19	0.212	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Potassium, Total	1650		mg/kg	219	12.6	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Selenium, Total	0.394	J	mg/kg	1.75	0.226	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.877	0.248	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Sodium, Total	732		mg/kg	175	2.76	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.75	0.276	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Vanadium, Total	23.0		mg/kg	0.877	0.178	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
Zinc, Total	1890		mg/kg	4.38	0.257	2	09/10/19 14:41	09/10/19 19:12	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	14		mg/kg	0.90	0.90	1		09/10/19 19:12	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-14

Date Collected: 09/04/19 11:05

Client ID: LB13\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	3620		mg/kg	8.58	2.32	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Antimony, Total	1.36	J	mg/kg	4.29	0.326	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Arsenic, Total	13.7		mg/kg	0.858	0.178	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Barium, Total	53.8		mg/kg	0.858	0.149	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Beryllium, Total	0.197	J	mg/kg	0.429	0.028	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Cadmium, Total	0.412	J	mg/kg	0.858	0.084	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Calcium, Total	8600		mg/kg	8.58	3.00	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Chromium, Total	8.70		mg/kg	0.858	0.082	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Cobalt, Total	6.09		mg/kg	1.72	0.142	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Copper, Total	71.8		mg/kg	0.858	0.221	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Iron, Total	14100		mg/kg	4.29	0.774	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Lead, Total	206		mg/kg	4.29	0.230	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Magnesium, Total	1230		mg/kg	8.58	1.32	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Manganese, Total	127		mg/kg	0.858	0.136	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Mercury, Total	0.206		mg/kg	0.070	0.046	1	09/07/19 06:50	09/09/19 19:41	EPA 7471B	1,7471B	GD
Nickel, Total	11.5		mg/kg	2.14	0.208	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Potassium, Total	487		mg/kg	214	12.4	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Selenium, Total	0.900	J	mg/kg	1.72	0.221	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.858	0.243	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Sodium, Total	137	J	mg/kg	172	2.70	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.72	0.270	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Vanadium, Total	14.9		mg/kg	0.858	0.174	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
Zinc, Total	145		mg/kg	4.29	0.251	2	09/10/19 14:41	09/10/19 19:17	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	8.7		mg/kg	0.90	0.90	1		09/10/19 19:17	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-15

Date Collected: 09/04/19 11:00

Client ID: LB13\_4.0-6.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5470		mg/kg	8.66	2.34	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Antimony, Total	3.23	J	mg/kg	4.33	0.329	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Arsenic, Total	19.4		mg/kg	0.866	0.180	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Barium, Total	192		mg/kg	0.866	0.151	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Beryllium, Total	0.485		mg/kg	0.433	0.029	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Cadmium, Total	0.996		mg/kg	0.866	0.085	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Calcium, Total	25500		mg/kg	8.66	3.03	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Chromium, Total	20.0		mg/kg	0.866	0.083	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Cobalt, Total	5.79		mg/kg	1.73	0.144	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Copper, Total	599		mg/kg	0.866	0.223	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Iron, Total	17500		mg/kg	4.33	0.782	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Lead, Total	480		mg/kg	4.33	0.232	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Magnesium, Total	2750		mg/kg	8.66	1.33	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Manganese, Total	342		mg/kg	0.866	0.138	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Mercury, Total	0.726		mg/kg	0.073	0.048	1	09/07/19 06:50	09/09/19 19:42	EPA 7471B	1,7471B	GD
Nickel, Total	17.0		mg/kg	2.16	0.210	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Potassium, Total	515		mg/kg	216	12.5	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Selenium, Total	2.02		mg/kg	1.73	0.223	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Silver, Total	3.34		mg/kg	0.866	0.245	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Sodium, Total	362		mg/kg	173	2.73	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.73	0.273	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Vanadium, Total	27.5		mg/kg	0.866	0.176	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
Zinc, Total	322		mg/kg	4.33	0.254	2	09/10/19 14:41	09/10/19 19:21	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	20		mg/kg	0.93	0.93	1		09/10/19 19:21	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-16

Date Collected: 09/04/19 13:30

Client ID: LB14\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5160		mg/kg	8.88	2.40	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Antimony, Total	0.950	J	mg/kg	4.44	0.337	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Arsenic, Total	11.2		mg/kg	0.888	0.185	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Barium, Total	45.8		mg/kg	0.888	0.154	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Beryllium, Total	0.124	J	mg/kg	0.444	0.029	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Cadmium, Total	0.382	J	mg/kg	0.888	0.087	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Calcium, Total	1460		mg/kg	8.88	3.11	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Chromium, Total	19.2		mg/kg	0.888	0.085	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Cobalt, Total	3.85		mg/kg	1.78	0.147	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Copper, Total	30.5		mg/kg	0.888	0.229	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Iron, Total	30400		mg/kg	4.44	0.802	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Lead, Total	45.3		mg/kg	4.44	0.238	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Magnesium, Total	1440		mg/kg	8.88	1.37	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Manganese, Total	112		mg/kg	0.888	0.141	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Mercury, Total	1.20		mg/kg	0.071	0.047	1	09/07/19 06:50	09/09/19 19:44	EPA 7471B	1,7471B	GD
Nickel, Total	10.0		mg/kg	2.22	0.215	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Potassium, Total	845		mg/kg	222	12.8	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.78	0.229	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.888	0.251	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Sodium, Total	136	J	mg/kg	178	2.80	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.78	0.280	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Vanadium, Total	28.7		mg/kg	0.888	0.180	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
Zinc, Total	38.7		mg/kg	4.44	0.260	2	09/10/19 14:41	09/10/19 19:35	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	19		mg/kg	0.91	0.91	1		09/10/19 19:35	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-17

Date Collected: 09/04/19 13:35

Client ID: LB14\_6.0-8.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4810		mg/kg	8.88	2.40	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Antimony, Total	1.07	J	mg/kg	4.44	0.338	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Arsenic, Total	7.32		mg/kg	0.888	0.185	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Barium, Total	53.9		mg/kg	0.888	0.154	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Beryllium, Total	0.186	J	mg/kg	0.444	0.029	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Cadmium, Total	0.524	J	mg/kg	0.888	0.087	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Calcium, Total	4430		mg/kg	8.88	3.11	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Chromium, Total	9.28		mg/kg	0.888	0.085	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Cobalt, Total	7.75		mg/kg	1.78	0.147	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Copper, Total	31.5		mg/kg	0.888	0.229	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Iron, Total	31500		mg/kg	4.44	0.802	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Lead, Total	103		mg/kg	4.44	0.238	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Magnesium, Total	1260		mg/kg	8.88	1.37	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Manganese, Total	201		mg/kg	0.888	0.141	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Mercury, Total	0.061	J	mg/kg	0.073	0.048	1	09/07/19 06:50	09/09/19 19:46	EPA 7471B	1,7471B	GD
Nickel, Total	15.7		mg/kg	2.22	0.215	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Potassium, Total	471		mg/kg	222	12.8	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.78	0.229	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.888	0.251	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Sodium, Total	68.1	J	mg/kg	178	2.80	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.78	0.280	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Vanadium, Total	21.0		mg/kg	0.888	0.180	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
Zinc, Total	107		mg/kg	4.44	0.260	2	09/10/19 14:41	09/10/19 19:40	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	9.3		mg/kg	0.92	0.92	1		09/10/19 19:40	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-18

Date Collected: 09/04/19 14:05

Client ID: LB15\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	4920		mg/kg	8.75	2.36	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Antimony, Total	0.376	J	mg/kg	4.37	0.332	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Arsenic, Total	7.38		mg/kg	0.875	0.182	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Barium, Total	56.1		mg/kg	0.875	0.152	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Beryllium, Total	0.289	J	mg/kg	0.437	0.029	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Cadmium, Total	0.402	J	mg/kg	0.875	0.086	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Calcium, Total	15200		mg/kg	8.75	3.06	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Chromium, Total	7.47		mg/kg	0.875	0.084	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Cobalt, Total	6.46		mg/kg	1.75	0.145	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Copper, Total	74.4		mg/kg	0.875	0.226	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Iron, Total	16500		mg/kg	4.37	0.790	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Lead, Total	85.1		mg/kg	4.37	0.234	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Magnesium, Total	8460		mg/kg	8.75	1.35	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Manganese, Total	193		mg/kg	0.875	0.139	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Mercury, Total	0.092		mg/kg	0.071	0.046	1	09/07/19 06:50	09/09/19 19:48	EPA 7471B	1,7471B	GD
Nickel, Total	14.0		mg/kg	2.19	0.212	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Potassium, Total	390		mg/kg	219	12.6	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Selenium, Total	0.534	J	mg/kg	1.75	0.226	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.875	0.248	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Sodium, Total	255		mg/kg	175	2.76	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.75	0.276	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Vanadium, Total	23.1		mg/kg	0.875	0.178	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
Zinc, Total	140		mg/kg	4.37	0.256	2	09/10/19 14:41	09/10/19 19:44	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	7.5		mg/kg	0.89	0.89	1		09/10/19 19:44	NA	107,-	



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-19

Date Collected: 09/04/19 14:10

Client ID: LB15\_5.0-7.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Aluminum, Total	5240		mg/kg	8.41	2.27	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Antimony, Total	0.513	J	mg/kg	4.20	0.319	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Arsenic, Total	6.11		mg/kg	0.841	0.175	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Barium, Total	60.1		mg/kg	0.841	0.146	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Beryllium, Total	0.471		mg/kg	0.420	0.028	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Cadmium, Total	0.496	J	mg/kg	0.841	0.082	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Calcium, Total	23600		mg/kg	8.41	2.94	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Chromium, Total	16.0		mg/kg	0.841	0.081	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Cobalt, Total	5.94		mg/kg	1.68	0.140	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Copper, Total	169		mg/kg	0.841	0.217	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Iron, Total	9470		mg/kg	4.20	0.759	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Lead, Total	118		mg/kg	4.20	0.225	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Magnesium, Total	11600		mg/kg	8.41	1.29	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Manganese, Total	194		mg/kg	0.841	0.134	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Mercury, Total	0.129		mg/kg	0.069	0.045	1	09/07/19 06:50	09/09/19 19:50	EPA 7471B	1,7471B	GD
Nickel, Total	12.7		mg/kg	2.10	0.203	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Potassium, Total	274		mg/kg	210	12.1	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Selenium, Total	0.479	J	mg/kg	1.68	0.217	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.841	0.238	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Sodium, Total	136	J	mg/kg	168	2.65	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.68	0.265	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Vanadium, Total	32.5		mg/kg	0.841	0.171	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
Zinc, Total	164		mg/kg	4.20	0.246	2	09/10/19 14:41	09/10/19 19:49	EPA 3050B	1,6010D	MC
<b>General Chemistry - Mansfield Lab</b>											
Chromium, Trivalent	16		mg/kg	0.87	0.87	1		09/10/19 19:49	NA	107,-	





**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-19 Batch: WG1281408-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/07/19 06:50	09/09/19 19:00	1,7471B	GD

### Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1282250-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/10/19 11:47	09/10/19 18:25	1,7470A	AL

### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-19 Batch: WG1282300-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Antimony, Total	ND	mg/kg	2.00	0.152	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Arsenic, Total	ND	mg/kg	0.400	0.083	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Barium, Total	ND	mg/kg	0.400	0.070	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Beryllium, Total	ND	mg/kg	0.200	0.013	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Cadmium, Total	ND	mg/kg	0.400	0.039	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Calcium, Total	ND	mg/kg	4.00	1.40	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Chromium, Total	ND	mg/kg	0.400	0.038	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Cobalt, Total	ND	mg/kg	0.800	0.066	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Copper, Total	ND	mg/kg	0.400	0.103	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Iron, Total	ND	mg/kg	2.00	0.361	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Lead, Total	ND	mg/kg	2.00	0.107	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Magnesium, Total	ND	mg/kg	4.00	0.616	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Manganese, Total	ND	mg/kg	0.400	0.064	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Nickel, Total	ND	mg/kg	1.00	0.097	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

### Method Blank Analysis Batch Quality Control

Potassium, Total	ND		mg/kg	100	5.76	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Sodium, Total	1.79	J	mg/kg	80.0	1.26	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/10/19 14:41	09/10/19 17:46	1,6010D	MC

#### Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1282393-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Antimony, Total	ND		mg/l	0.050	0.007	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Barium, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Calcium, Total	ND		mg/l	0.100	0.035	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Copper, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Iron, Total	ND		mg/l	0.050	0.009	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Lead, Total	ND		mg/l	0.010	0.003	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Magnesium, Total	ND		mg/l	0.100	0.015	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Manganese, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Nickel, Total	ND		mg/l	0.025	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Potassium, Total	ND		mg/l	2.50	0.237	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Silver, Total	ND		mg/l	0.007	0.003	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Sodium, Total	ND		mg/l	2.00	0.120	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Thallium, Total	0.002	J	mg/l	0.020	0.003	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	09/10/19 17:40	09/10/19 21:42	1,6010D	AB

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940231

**Project Number:** 170229023

**Report Date:** 10/08/19

## Method Blank Analysis Batch Quality Control

### Prep Information

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Digestion Method: EPA 3005A

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19 Batch: WG1281408-2 SRM Lot Number: D105-540								
Mercury, Total	81		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1282250-2								
Mercury, Total	88		-		80-120	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Project Number:** 170229023

**Lab Number:** L1940231

**Report Date:** 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19 Batch: WG1282300-2 SRM Lot Number: D105-540					
Aluminum, Total	62	-	51-149	-	
Antimony, Total	173	-	19-249	-	
Arsenic, Total	106	-	70-130	-	
Barium, Total	87	-	75-125	-	
Beryllium, Total	87	-	75-125	-	
Cadmium, Total	96	-	75-125	-	
Calcium, Total	83	-	73-127	-	
Chromium, Total	89	-	70-130	-	
Cobalt, Total	98	-	75-125	-	
Copper, Total	92	-	75-125	-	
Iron, Total	73	-	38-162	-	
Lead, Total	98	-	71-128	-	
Magnesium, Total	76	-	63-137	-	
Manganese, Total	89	-	76-124	-	
Nickel, Total	98	-	70-131	-	
Potassium, Total	75	-	60-140	-	
Selenium, Total	100	-	63-137	-	
Silver, Total	93	-	69-131	-	
Sodium, Total	84	-	37-162	-	
Thallium, Total	97	-	68-132	-	
Vanadium, Total	88	-	65-135	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940231

**Project Number:** 170229023

**Report Date:** 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19 Batch: WG1282300-2 SRM Lot Number: D105-540					
Zinc, Total	99	-	70-130	-	

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1282393-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	90	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	94	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	103	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	94	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	95	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	96	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940231

**Project Number:** 170229023

**Report Date:** 10/08/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1282393-2					
Zinc, Total	107	-	80-120	-	



**Matrix Spike Analysis**  
Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19    QC Batch ID: WG1281408-3    QC Sample: L1940231-02    Client ID: LB02_1.0-3.0												
Mercury, Total	0.745	0.148	1.39	435	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01    QC Batch ID: WG1282250-3    QC Sample: L1940311-22    Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00467	93		-	-		75-125	-		20

## Matrix Spike Analysis Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19    QC Batch ID: WG1282300-3    QC Sample: L1940231-02    Client ID: LB02_1.0-3.0									
Aluminum, Total	5760	176	4880	0	Q	-	75-125	-	20
Antimony, Total	4.15J	44.1	46.2	105		-	75-125	-	20
Arsenic, Total	30.7	10.6	33.7	28	Q	-	75-125	-	20
Barium, Total	134	176	220	49	Q	-	75-125	-	20
Beryllium, Total	3.51	4.41	5.53	46	Q	-	75-125	-	20
Cadmium, Total	0.656J	4.5	4.73	105		-	75-125	-	20
Calcium, Total	8560	881	11600	345	Q	-	75-125	-	20
Chromium, Total	45.6	17.6	38.7	0	Q	-	75-125	-	20
Cobalt, Total	29.8	44.1	53.4	54	Q	-	75-125	-	20
Copper, Total	489	22	185	0	Q	-	75-125	-	20
Iron, Total	35300	88.1	18400	0	Q	-	75-125	-	20
Lead, Total	444	45	276	0	Q	-	75-125	-	20
Magnesium, Total	1800	881	1880	9	Q	-	75-125	-	20
Manganese, Total	270	44.1	164	0	Q	-	75-125	-	20
Nickel, Total	61.2	44.1	63.9	6	Q	-	75-125	-	20
Potassium, Total	880	881	1360	54	Q	-	75-125	-	20
Selenium, Total	1.16J	10.6	11.3	107		-	75-125	-	20
Silver, Total	0.328J	26.4	24.0	91		-	75-125	-	20
Sodium, Total	456	881	1060	68	Q	-	75-125	-	20
Thallium, Total	ND	10.6	9.02	85		-	75-125	-	20
Vanadium, Total	30.6	44.1	62.2	72	Q	-	75-125	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Lab Number:** L1940231

**Project Number:** 170229023

**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19    QC Batch ID: WG1282300-3    QC Sample: L1940231-02    Client ID: LB02_1.0-3.0									
Zinc, Total	3070	44.1	926	0	Q	-	75-125	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01    QC Batch ID: WG1282393-3    QC Sample: L1939584-01    Client ID: MS Sample									
Aluminum, Total	0.036J	2	2.06	103	-	-	75-125	-	20
Antimony, Total	0.014J	0.5	0.442	88	-	-	75-125	-	20
Arsenic, Total	0.002J	0.12	0.128	107	-	-	75-125	-	20
Barium, Total	0.015	2	1.99	99	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.052	104	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.055	107	-	-	75-125	-	20
Calcium, Total	3.88	10	13.3	94	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.194	97	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.517	103	-	-	75-125	-	20
Copper, Total	ND	0.25	0.242	97	-	-	75-125	-	20
Iron, Total	0.049J	1	1.06	106	-	-	75-125	-	20
Lead, Total	ND	0.51	0.494	97	-	-	75-125	-	20
Magnesium, Total	0.828	10	10.8	100	-	-	75-125	-	20
Manganese, Total	0.008J	0.5	0.478	96	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.506	101	-	-	75-125	-	20
Potassium, Total	1.62J	10	11.8	118	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.120	100	-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	100	-	-	75-125	-	20
Sodium, Total	1.46J	10	11.6	116	-	-	75-125	-	20
Thallium, Total	0.003J	0.12	0.120	100	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.496	99	-	-	75-125	-	20

**Matrix Spike Analysis**  
Batch Quality Control

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01    QC Batch ID: WG1282393-3    QC Sample: L1939584-01    Client ID: MS Sample									
Zinc, Total	0.008J	0.5	0.544	109	-	-	75-125	-	20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** GPL PARCELS H1&H2

**Project Number:** 170229023

**Lab Number:** L1940231

**Report Date:** 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19 QC Batch ID: WG1281408-4 QC Sample: L1940231-02 Client ID: LB02_1.0-3.0						
Mercury, Total	0.745	0.739	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1282250-4 QC Sample: L1940311-22 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: GPL PARCELS H1&amp;H2

Project Number: 170229023

Lab Number: L1940231

Report Date: 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-19 QC Batch ID: WG1282300-4 QC Sample: L1940231-02 Client ID: LB02_1.0-3.0					
Aluminum, Total	5760	5680	mg/kg	1	20
Antimony, Total	4.15J	3.99J	mg/kg	NC	20
Arsenic, Total	30.7	60.5	mg/kg	65 Q	20
Barium, Total	134	131	mg/kg	2	20
Beryllium, Total	3.51	2.01	mg/kg	54 Q	20
Cadmium, Total	0.656J	0.763J	mg/kg	NC	20
Calcium, Total	8560	3520	mg/kg	83 Q	20
Chromium, Total	45.6	36.0	mg/kg	24 Q	20
Cobalt, Total	29.8	18.7	mg/kg	46 Q	20
Copper, Total	489	282	mg/kg	54 Q	20
Iron, Total	35300	38200	mg/kg	8	20
Lead, Total	444	337	mg/kg	27 Q	20
Magnesium, Total	1800	1530	mg/kg	16	20
Manganese, Total	270	286	mg/kg	6	20
Nickel, Total	61.2	39.8	mg/kg	42 Q	20
Potassium, Total	880	830	mg/kg	6	20
Selenium, Total	1.16J	1.49J	mg/kg	NC	20
Silver, Total	0.328J	0.307J	mg/kg	NC	20
Sodium, Total	456	248	mg/kg	59 Q	20

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: GPL PARCELS H1&amp;H2

Project Number: 170229023

Lab Number: L1940231

Report Date: 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
<b>Total Metals - Mansfield Lab Associated sample(s): 02-19 QC Batch ID: WG1282300-4 QC Sample: L1940231-02 Client ID: LB02_1.0-3.0</b>					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	30.6	48.4	mg/kg	45 Q	20
Zinc, Total	3070	1360	mg/kg	77 Q	20
<b>Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1282393-4 QC Sample: L1939584-01 Client ID: DUP Sample</b>					
Arsenic, Total	0.002J	0.003J	mg/l	NC	20
Calcium, Total	3.88	3.87	mg/l	0	20
Iron, Total	0.049J	0.041J	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	0.828	0.815	mg/l	2	20
Manganese, Total	0.008J	0.008J	mg/l	NC	20
Sodium, Total	1.46J	1.41J	mg/l	NC	20



# **INORGANICS & MISCELLANEOUS**

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-01  
**Client ID:** SOFB02\_090419  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 00:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/06/19 18:40	09/06/19 19:09	1,7196A	AS



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-02  
**Client ID:** LB02\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 12:15  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	85.3		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	0.445	J	mg/kg	0.938	0.188	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-03  
**Client ID:** LB02\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 12:20  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	85.2		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.939	0.188	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-04

Date Collected: 09/04/19 15:05

Client ID: LB03\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	1.04	0.208	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-05  
**Client ID:** LB03\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 15:10  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	92.5		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.865	0.173	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-06  
**Client ID:** LB04\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 15:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	90.5		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.884	0.177	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-07  
**Client ID:** LB04\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 15:45  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.7		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.912	0.182	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH





**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-08  
**Client ID:** LB10\_2.0-4.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:10  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	88.8		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.901	0.180	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-09  
**Client ID:** LB10\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:15  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.5		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.914	0.183	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-10  
**Client ID:** LB11\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	87.9		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.910	0.182	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-11  
**Client ID:** LB11\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 08:45  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	82.9		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.965	0.193	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-12  
**Client ID:** LB12\_2.0-4.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 09:40  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	80.3		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.996	0.199	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-13  
**Client ID:** LB12\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 09:45  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	89.1		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.898	0.180	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-14  
**Client ID:** LB13\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 11:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	89.0		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.899	0.180	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-15  
**Client ID:** LB13\_4.0-6.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 11:00  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	86.2		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.928	0.186	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH





Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-16

Date Collected: 09/04/19 13:30

Client ID: LB14\_1.0-3.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-17  
**Client ID:** LB14\_6.0-8.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 13:35  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	86.6		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.924	0.185	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**SAMPLE RESULTS**

**Lab ID:** L1940231-18  
**Client ID:** LB15\_1.0-3.0  
**Sample Location:** 47 COMMERCIAL ST. BROOKLYN

**Date Collected:** 09/04/19 14:05  
**Date Received:** 09/04/19  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total	90.0		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

## SAMPLE RESULTS

Lab ID: L1940231-19

Date Collected: 09/04/19 14:10

Client ID: LB15\_5.0-7.0

Date Received: 09/04/19

Sample Location: 47 COMMERCIAL ST. BROOKLYN

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	09/05/19 10:48	121,2540G	RI
Chromium, Hexavalent	ND		mg/kg	0.874	0.175	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1281305-1									
Chromium, Hexavalent	ND	mg/l	0.010	0.003	1	09/06/19 18:40	09/06/19 19:08	1,7196A	AS
General Chemistry - Westborough Lab for sample(s): 02-11 Batch: WG1281687-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH
General Chemistry - Westborough Lab for sample(s): 12-19 Batch: WG1281688-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	09/09/19 04:03	09/10/19 11:17	1,7196A	NH

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** GPL PARCELS H1&H2

**Project Number:** 170229023

**Lab Number:** L1940231

**Report Date:** 10/08/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1281305-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 02-11 Batch: WG1281687-2								
Chromium, Hexavalent	70	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 12-19 Batch: WG1281688-2								
Chromium, Hexavalent	70	Q	-		80-120	-		20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1281305-4 QC Sample: L1940231-01 Client ID: SOFB02_090419												
Chromium, Hexavalent	ND	0.1	0.099	99	-	-	-	-	85-115	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1281687-4 QC Sample: L1940231-06 Client ID: LB04_1.0-3.0												
Chromium, Hexavalent	ND	1090	976	90	-	-	-	-	75-125	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 12-19 QC Batch ID: WG1281688-4 QC Sample: L1940231-16 Client ID: LB14_1.0-3.0												
Chromium, Hexavalent	ND	1180	1000	85	-	-	-	-	75-125	-	-	20

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: GPL PARCELS H1&amp;H2

Project Number: 170229023

Lab Number: L1940231

Report Date: 10/08/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-19 QC Batch ID: WG1280547-1 QC Sample: L1940231-03 Client ID: LB02_6.0-8.0						
Solids, Total	85.2	81.2	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1281305-3 QC Sample: L1940231-01 Client ID: SOFB02_090419						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG1281687-6 QC Sample: L1940231-06 Client ID: LB04_1.0-3.0						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 12-19 QC Batch ID: WG1281688-6 QC Sample: L1940231-16 Client ID: LB14_1.0-3.0						
Chromium, Hexavalent	ND	0.750J	mg/kg	NC		20



**Project Name:** GPL PARCELS H1&H2**Lab Number:** L1940231**Project Number:** 170229023**Report Date:** 10/08/19**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent
C	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940231-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1940231-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1940231-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L1940231-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L1940231-01E	Plastic 500ml unpreserved	A	7	7	3.3	Y	Absent		HEXCR-7196(1),HOLD-CONTINGENCY(7)
L1940231-01F	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1940231-01G	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(7)
L1940231-01H	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L1940231-01I	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L1940231-01J	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1940231-01K	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1940231-01L	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		HERB-APA(7)
L1940231-01M	Amber 1000ml unpreserved	A	7	7	3.3	Y	Absent		HERB-APA(7)
L1940231-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.3	Y	Absent		HOLD-CONTINGENCY(7)
L1940231-01X9	Tumble Vessel	A	NA		3.3	Y	Absent		HOLD-CONTINGENCY(7)
L1940231-02A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1940231-02B	Vial water preserved	A	NA		3.3	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-02C	Vial water preserved	A	NA		3.3	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)

Project Name: GPL PARCELS H1&amp;H2

Lab Number: L1940231

Project Number: 170229023

Report Date: 10/08/19

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940231-02D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1940231-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1940231-02F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-02G	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14)
L1940231-03A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L1940231-03B	Vial water preserved	A	NA		3.3	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-03C	Vial water preserved	A	NA		3.3	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-03D	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L1940231-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L1940231-03F	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-03G	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14)
L1940231-04A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-04B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-04C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-04D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-04E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L1940231-04F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-04G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-05A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-05B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-05C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)

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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940231-05D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-05E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L1940231-05F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-05G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-06A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-06B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-06C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-06D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-06E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L1940231-06F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-06G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-07A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-07B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-07C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-07D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-07E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L1940231-07F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-07G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-08A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-08B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-08C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)

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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940231-08D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-08E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1940231-08F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-08G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-09A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-09B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-09C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-09D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-09E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L1940231-09F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-09G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-10A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-10B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-10C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-10D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-10E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L1940231-10F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-10G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-11A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-11B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-11C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)

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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940231-11D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-11E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L1940231-11F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-11G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-12A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-12B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-12C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-12D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-12E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L1940231-12F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-12G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-12X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L1940231-12X9	Tumble Vessel	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L1940231-13A	Vial MeOH preserved	C	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L1940231-13B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-13C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-13D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		TS(7)
L1940231-13E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L1940231-13F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-13G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		NYTCL-8270(14)
L1940231-13X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)

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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940231-13X9	Tumble Vessel	C	NA		3.5	Y	Absent		HOLD-CONTINGENCY(14)
L1940231-14A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940231-14B	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-14C	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-14D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940231-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L1940231-14F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-14G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L1940231-15A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940231-15B	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-15C	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-15D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940231-15E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L1940231-15F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-15G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L1940231-16A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940231-16B	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-16C	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-16D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940231-16E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L1940231-16F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)

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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1940231-16G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L1940231-17A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940231-17B	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-17C	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-17D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940231-17E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L1940231-17F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-17G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L1940231-18A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940231-18B	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-18C	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-18D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940231-18E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L1940231-18F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)
L1940231-18G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L1940231-19A	Vial MeOH preserved	B	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1940231-19B	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-19C	Vial water preserved	B	NA		4.6	Y	Absent	05-SEP-19 07:34	NYTCL-8260HLW(14)
L1940231-19D	Plastic 2oz unpreserved for TS	B	NA		4.6	Y	Absent		TS(7)
L1940231-19E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L1940231-19F	Glass 120ml/4oz unpreserved	B	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HEXCR-7196(30)

**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Serial\_No:**10081911:07  
**Lab Number:** L1940231  
**Report Date:** 10/08/19

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L1940231-19G	Glass 500ml/16oz unpreserved	B	NA		4.6	Y	Absent		NYTCL-8270(14)
L1940231-20A	Vial MeOH preserved	C	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L1940231-20B	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	HOLD-8260HLW(14)
L1940231-20C	Vial water preserved	C	NA		3.5	Y	Absent	05-SEP-19 07:34	HOLD-8260HLW(14)
L1940231-20D	Plastic 2oz unpreserved for TS	C	NA		3.5	Y	Absent		HOLD-WETCHEM()
L1940231-20E	Glass 60mL/2oz unpreserved	C	NA		3.5	Y	Absent		HOLD-METAL(180)
L1940231-20F	Glass 120ml/4oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8270(14)
L1940231-20G	Glass 500ml/16oz unpreserved	C	NA		3.5	Y	Absent		HOLD-8270(14)

\*Values in parentheses indicate holding time in days





**Project Name:** GPL PARCELS H1&H2  
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**Lab Number:** L1940231  
**Report Date:** 10/08/19

## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

Report Format: DU Report with 'J' Qualifiers



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1.8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedances are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



**Project Name:** GPL PARCELS H1&H2  
**Project Number:** 170229023

**Lab Number:** L1940231  
**Report Date:** 10/08/19

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

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The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene

**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

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The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

**EPA 522.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.


**EPA 245.1** Hg.

**SM2340B**

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For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 <b>NEW YORK CHAIN OF CUSTODY</b>	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1	Date Rec'd in Lab	ALPHA Job #										
		of 2	9/5/19	L1940231										
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Project Information</b> Project Name: <u>Greenpoint landing Parcels H1dH2</u> Project Location: <u>47 Commercial St. Brooklyn</u> Project # <u>170229023</u> (Use Project name as Project #) <input type="checkbox"/>		<b>Deliverables</b> <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other	<b>Billing Information</b> <input checked="" type="checkbox"/> Same as Client Info PO #									
<b>Client Information</b> Client: <u>Langan</u> Address: <u>360 W 31st St New York NY</u> Phone: <u>212 479 5400</u> Fax: <u>212 479 5444</u> Email: <u>jkeung@langan.com</u>	Project Manager: <u>Julia Leung</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:	<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:										
These samples have been previously analyzed by Alpha <input type="checkbox"/>		<b>ANALYSIS</b>		<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <b>Preservation</b> <input type="checkbox"/> Lab to do (Please Specify below)	Total Bottles									
Other project specific requirements/comments: <u>* Hold for the following analyses: PCBs, Pesticides, Herbicides &amp; TCLP Metals</u>		Please specify Metals or TAL.		Sample Specific Comments										
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	PCBs	Pesticides	Herbicides	TCLP Metals	HOLD	
		Date	Time											
40231 -01	SGFB02_090419	9/4/19	—	W	DC	X	X	X	X	X	X	X		7
-02	LB02-1.0-3.0	9/4/19	1215	S	DC	X	X	X					X	7
-03	LB02-6.0-8.0	9/4/19	1220	S	DC	X	X	X					X	7
-04	LB03-1.0-3.0	9/4/19	1505	S	DC	X	X	X					X	7
-05	LB03-4.0-6.0	9/4/19	1510	S	DC	X	X	X					X	7
-06	LB04-1.0-3.0	9/4/19	1540	S	DC	X	X	X					X	7
-07	LB04-4.0-6.0	9/4/19	1545	S	DC	X	X	X					X	7
-08	LB10-2.0-4.0	9/4/19	0810	S	DC	X	X	X					X	7
-09	LB10-6.0-8.0	9/4/19	0815	S	DC	X	X	X					X	7
-10	LB11-1.0-3.0	9/4/19	0840	S	DC	X	X	X					X	7
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative						Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
		Relinquished By:		Date/Time		Received By:		Date/Time						
		[Signature]		9/4/19 16:05		[Signature]		9/4/19 16:05						
		[Signature]		9/4/19 18:30		[Signature]		9/4/19 19:30						
		[Signature]		9/5/19 00:45		[Signature]		9/5/19 00:25						

 <b>ALPHA</b> <small>LABORATORY</small>	<b>NEW YORK CHAIN OF CUSTODY</b>	<b>Service Centers</b> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <b>2</b> of <b>2</b>	Date Rec'd in Lab <b>9/5/19</b>	ALPHA Job # <b>L1940231</b>										
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<b>Project Information</b> Project Name: <b>Greenpoint Landing Parcels H1d H2</b> Project Location: <b>47 Commercial St. Brooklyn</b> Project # <b>170229023</b>	<b>Deliverables</b> <input type="checkbox"/> ASP-A <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (4 File)	<b>Billing Information</b> <input checked="" type="checkbox"/> Same as Client Info PO #								
<b>Client Information</b> Client: <b>Langan</b> Address: <b>360W 31st ST New York, NY</b> Phone: <b>212 479 5400</b> Fax: <b>212 479 5444</b> Email: <b>jleung@langan.com</b>		<b>Project Manager:</b> <b>Julia Leung</b> ALPHAQuote #:		<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:									
These samples have been previously analyzed by Alpha <input type="checkbox"/>		<b>Other project specific requirements/comments:</b> <b>* Hold for the following analyses: PCBs, pesticides, herbicides &amp; TCLP metals</b>		<b>ANALYSIS</b>		<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <b>Preservation</b> <input type="checkbox"/> Lab to do (Please Specify below)									
Please specify Metals or TAL.		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Total Bottles		Sample Specific Comments									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCLVOCs	TCL SVOCs	TAL Metals	PCBs	Pesticides	Herbicides	TCLP Metals	HOLD #	Total Bottles	
		Date	Time												
40231-11	LB11-6.0-8.0	9/4/19	0845	S	DC	X	X	X					X	7	
-12	LB12-2.0-4.0	9/4/19	0940	S	DC	X	X	X					X	7	
-13	LB12-6.0-8.0	9/4/19	0945	S	DC	X	X	X					X	7	
-14	LB13-1.0-3.0	9/4/19	1105	S	DC	X	X	X					X	7	
-15	LB13-4.0-6.0	9/4/19	1100	S	DC	X	X	X					X	7	
-16	LB14-1.0-3.0	9/4/19	1330	S	DC	X	X	X					X	7	
-17	LB14-4.0-6.0	9/4/19	1335	S	DC	X	X	X					X	7	
-18	LB15-1.0-3.0	9/4/19	1405	S	DC	X	X	X					X	7	
-19	LB15-5.0-7.0	9/4/19	1410	S	DC	X	X	X					X	7	
-20	LB03-13.0-16.0	9/4/19	1515	S	DC								X	7	
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		V A A A A A A A M/F A A A A A A A						Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
		Relinquished By:		Date/Time		Received By:		Date/Time							
		[Signature]		9/4/19 16:05		[Signature]		9/4/19 16:05							
		[Signature]		9/4/19 18:30		[Signature]		9/4/19 18:30							
		[Signature]		9/4/19 00:15		[Signature]		9/5/19 00:15							