Legend

- Soil Boring Location (2015, Antea Group)
- Soil Sample Location (1989, GeoEngineers)
- Monitoring Well
- Missing/Abandoned Monitoring Well
- Limits of Excavation
- OPLC Pipeline
- Property Line
- Buildings
- Roads
- Fence

Sample ID	MTCA Method A Cleanup Levels
Date	
Depth	
B	0.03
T	7
E	6
X	9
TPH-G	30/100*
TPH-D	2000
TPH-O	2000
Lead	250

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes, Total
TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx
TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx with silica gel cleanup
TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Dx with silica gel cleanup
30/100* = 100 mg/kg if no detectable levels of Benzene in the sample - otherwise 30 mg/kg
<1.0 = Concentrations were not detected above the laboratory method reporting limit.
All results presented as milligrams per kilogram (mg/kg)
ND = Not detected
MTCA = Model Toxics Control Act
Results in bold indicate concentrations in excess of MTCA Method A Cleanup Levels
Y = The chromatographic response resembles a typical fuel pattern
* = LCS or LCSD is outside acceptance limits/RPD of the LCS and LCSD exceeds the control limits
H = Sample was prepped or analyzed beyond the specified holding time
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

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1. The locations shown are approximate.
2. Monitoring wells not located are assumed to be covered by pavement, grass or vegetation
3. This figure is for information purposes only. It is intended to assist in the identification of features discussed in a related document. Data were compiled from sources as listed in this figure. The data sources do not guarantee these data are accurate or complete. There may have been updates to the data since the publication of this figure.

0 15 30 Feet

N W E S

CB-8	
Date	8/13/2015
Depth	10 feet
B	< 0.0073 J
T	< 0.084
E	< 0.084
X	< 0.084
TPH-G	< 6.9
TPH-D	< 36
TPH-O	< 72
Lead	6.8

CB-7		
Date		
Depth	15 feet	20 feet
B	< 0.029	< 0.05
T	< 0.073	< 0.13
E	< 0.073	< 0.13
X	< 0.073	< 0.13
TPH-G	< 6.0	< 13
TPH-D	< 33	< 36*
TPH-O	< 66	< 72
Lead	3.8	3.9

CB-10	
Date	8/13/2015
Depth	8 feet
B	< 0.026
T	< 0.064
E	< 0.064
X	< 0.064
TPH-G	< 5.4
TPH-D	< 31
TPH-O	< 62
Lead	3.2

CB-6				
Date	8/13/2015	8/13/2015	8/13/2015	8/13/2015
Depth	10 feet	15 feet	18 feet	20 feet
B	< 0.016	**0.039**	**0.06**	< 0.021
T	< 0.04	< 0.046	< 0.055	< 0.053
E	< 0.04	< 0.046	0.11	0.28
X	< 0.04	0.15	0.21	0.053
TPH-G	6.7	**62**	**59**	**350**
TPH-D	< 26*	79 *Y	150 Y	270 *Y
TPH-O	< 52	190 Y	260 Y	< 63
Lead	2.9	15	16	4.8

CB-5					
Date	8/12/2015	8/12/2015	8/12/2015	8/12/2015	8/12/2015
Depth	5 feet	10 feet	15 feet	16 feet	20 feet
B	**0.15**	**0.037**	**0.034**	< 0.021	0.020 J
T	0.057	< 0.058	< 0.07	< 0.054	< 0.087
E	0.19	0.12	0.44	< 0.054	0.48
X	0.72	0.15	< 0.07	< 0.054	3.7
TPH-G	**180**	**1300**	**150**	28	**47**
TPH-D	130 *Y	840 Y	590 Y	< 31*	< 41*
TPH-O	280 Y	120 Y	< 67	< 62	< 81
Lead	23	5.6	4.0	2.6	6.3

CB-2	
Date	8/12/2015
Depth	15 feet
B	< 0.027
T	< 0.069
E	< 0.069
X	< 0.069
TPH-G	< 6.2
TPH-D	< 33
TPH-O	< 65
Lead	2.1

CB-4			
Date	8/12/2015	8/12/2015	8/12/2015
Depth	6 feet	15 feet	20 feet
B	**0.041**	< 0.021	**0.39**
T	< 0.06	< 0.054	< 0.09
E	< 0.06	< 0.054	1.4
X	0.21	< 0.054	4.1
TPH-G	**110**	**35**	29
TPH-D	110 Y	390 Y	< 42*
TPH-O	360 Y	< 57	< 84
Lead	33	4.0	13

CB-14	
Date	8/13/2015
Depth	9 feet
B	< 0.029H
T	< 0.072H
E	< 0.072H
X	< 0.072H
TPH-G	< 6.6H
TPH-D	< 34H
TPH-O	< 68H
Lead	5.0

CB-9		
Date	8/13/2015	8/13/2015
Depth	10 feet	15 feet
B	< 0.0067	< 0.022
T	< 0.076	< 0.055
E	< 0.076	< 0.055
X	< 0.076	< 0.055
TPH-G	< 6.5	11
TPH-D	< 36	< 32*
TPH-O	< 72	< 64
Lead	4.4	2.7

CB-3	
Date	8/12/2015
Depth	15 feet
B	< 0.029
T	< 0.072
E	< 0.072
X	< 0.072
TPH-G	< 6.7
TPH-D	< 36
TPH-O	< 71
Lead	2.5

CB-1	
Date	8/12/2015
Depth	20 feet
B	< 0.027
T	< 0.067
E	< 0.067
X	< 0.067
TPH-G	< 6.1
TPH-D	< 33
TPH-O	< 66
Lead	2.7

CB-13	
Date	8/13/2015
Depth	10 feet
B	< 0.024
T	< 0.06
E	< 0.06
X	< 0.06
TPH-G	< 75
TPH-D	< 26
TPH-O	< 51
Lead	2.0

CB-12	
Date	8/13/2015
Depth	10 feet
B	< 0.024
T	< 0.061
E	< 0.061
X	< 0.061
TPH-G	< 22
TPH-D	< 29
TPH-O	< 57
Lead	3.3

CB-11	
Date	8/13/2015
Depth	15 feet
B	< 0.023
T	< 0.057
E	< 0.057
X	< 0.057
TPH-G	< 13
TPH-D	< 31
TPH-O	< 61
Lead	4.0

FIGURE 3
Soil Analytical Data Map
August 12 & 13, 2015

Kent Block Valve
Olympic Pipe Line Company
South 259th Street
Kent, Washington

WAKBVDA131	Kent, Washington	antea group
0915_KBV-Fig-SA.mxd		
10/28/2015		