

Map Document: (\\192.168.1.11\gis\m\CO75\_Little-Squalicum\_COB\CO75\_LSP\_diesel\_table\_figure.mxd) TWC -- 10/12/2007 -- 2:11:54 PM

MWLSC02		
Depth (ft)	Concentration	
GW	20 UJ	ug/l
GW	20 UJ	ug/l

MWLSC03		
Depth (ft)	Concentration	
GW	20 UJ	ug/l
GW	20 UJ	ug/l

SB-09		
Depth (ft)	Concentration	
0	1	53.5 mg/kg
1	2	7 mg/kg
5	6	9.2 mg/kg
6	7	470 mg/kg
7	8	1,200 mg/kg
8	9	3,200 mg/kg
9	10	1,100 mg/kg
GW		2,500 ug/l

SB-11		
Depth (ft)	Concentration	
0	1	460 mg/kg
1	2	710 mg/kg
2	3	50 mg/kg
4	5	38 mg/kg
6	7	11 mg/kg
GW		395 ug/l

SB-12		
Depth (ft)	Concentration	
0	1	60 mg/kg
1	2	64 mg/kg
4	5	1,900 J mg/kg

SB-13		
Depth (ft)	Concentration	
0	1	12 J mg/kg
1	2	0.5 UJ mg/kg
6	7	0.6 UJ mg/kg
GW		20 U ug/l

SB-14		
Depth (ft)	Concentration	
0	1	0.6 UJ mg/kg
1	2	0.5 UJ mg/kg
4	5	7.3 mg/kg
5	6	13 mg/kg
6	7	590 J mg/kg
8	9	200 mg/kg
9	10	41 mg/kg
10	11	41 mg/kg
GW		1,200 ug/l

SB-15		
Depth (ft)	Concentration	
0	1	9.7 J mg/kg
1	2	0.5 UJ mg/kg

SB-16		
Depth (ft)	Concentration	
0	1	17 J mg/kg

SB-17		
Depth (ft)	Concentration	
0	1	26 J mg/kg
1	2	0.5 UJ mg/kg

SB-21		
Depth (ft)	Concentration	
GW		20 U ug/l

SB-22		
Depth (ft)	Concentration	
25.5	27	0.5 U mg/kg
27	28.5	590 mg/kg
28.5	29.6	100 mg/kg
29.6	30	0.5 U mg/kg
30	31	0.5 U mg/kg
GW		20 U ug/l

SB-23		
Depth (ft)	Concentration	
GW		20 U ug/l

SB-24		
Depth (ft)	Concentration	
GW		20 U ug/l

SB-25		
Depth (ft)	Concentration	
0	1	14 mg/kg
1	2	19 mg/kg
GW		550 ug/l

SB-26		
Depth (ft)	Concentration	
GW		20 U ug/l

SB-42		
Depth (ft)	Concentration	
34	35.5	2 U mg/kg
36.5	38	92 mg/kg

SB-27		
Depth (ft)	Concentration	
GW		20 U ug/l

SB-28		
Depth (ft)	Concentration	
0	1	30 mg/kg
1	2	9 mg/kg
GW		20 U ug/l

SB-29		
Depth (ft)	Concentration	
0	1	38 mg/kg
1	2	20 mg/kg
5	5.5	31 mg/kg
7	7.3	1,300 mg/kg
10	10.6	1,300 mg/kg
GW		2,400 ug/l

SB-30		
Depth (ft)	Concentration	
0	1	11.5 mg/kg
GW		20 U ug/l

SB-31		
Depth (ft)	Concentration	
7	8	0.5 U mg/kg
8	9	5,200 mg/kg
9	9.6	1,600 mg/kg
9.6	10	360 mg/kg
10.2	11	7.4 mg/kg

SB-32		
Depth (ft)	Concentration	
GW		20 U ug/l

SB-34		
Depth (ft)	Concentration	
0	1.1	180 mg/kg

SB-35		
Depth (ft)	Concentration	
0	1	120 mg/kg
1	1.8	910 mg/kg
1.8	3.2	67 mg/kg

SB-36		
Depth (ft)	Concentration	
0	0.8	1,100 mg/kg
0.8	1.8	0.5 U mg/kg

SB-37		
Depth (ft)	Concentration	
0	1.2	320 mg/kg
1.2	2	140 mg/kg
2	3.1	27 mg/kg

SB-38		
Depth (ft)	Concentration	
0	1	950 mg/kg
1	1.9	71 mg/kg
1.9	2.4	52 mg/kg

SB-39		
Depth (ft)	Concentration	
0	0.7	390 mg/kg
0.7	2	130 mg/kg

TP-06		
Depth (ft)	Concentration	
0	1	180 J mg/kg
1	2	8,400 J mg/kg
2	3	2,800 mg/kg
3	4	46 mg/kg
4	4	35 mg/kg

TP-15		
Depth (ft)	Concentration	
0	1	10 mg/kg
3	4	0.5 U mg/kg

TP-16		
Depth (ft)	Concentration	
0	2	490 mg/kg
2	4	36 mg/kg

TP-17		
Depth (ft)	Concentration	
0	1	36 mg/kg
1	2	190 mg/kg
2	3	19 mg/kg
3	4	13 mg/kg

TP-21		
Depth (ft)	Concentration	
0	2	170 mg/kg
2	4	7 mg/kg

TP-25		
Depth (ft)	Concentration	
0	0.6	0.6 U mg/kg
0.6	2	0.5 U mg/kg

## Legend

### Sampled Locations - With Diesel Results

- Through Jan '08
- groundwater
  - ⊕ groundwater + soil (surface and subsurface)
  - ⊕ groundwater + soil (subsurface)
  - ⊕ groundwater + sediment (surface and subsurface)
  - ⊕ spring
  - ★ seep
  - 💧 surface water
  - 💧 surface water + sediment (surface)
  - 🟢 soil (surface)
  - 🟢 soil (subsurface)
  - 🟢 soil (surface and subsurface)
  - ⊠ soil (spoil pile)
  - △ sediment (surface)
  - △ sediment (surface and subsurface)

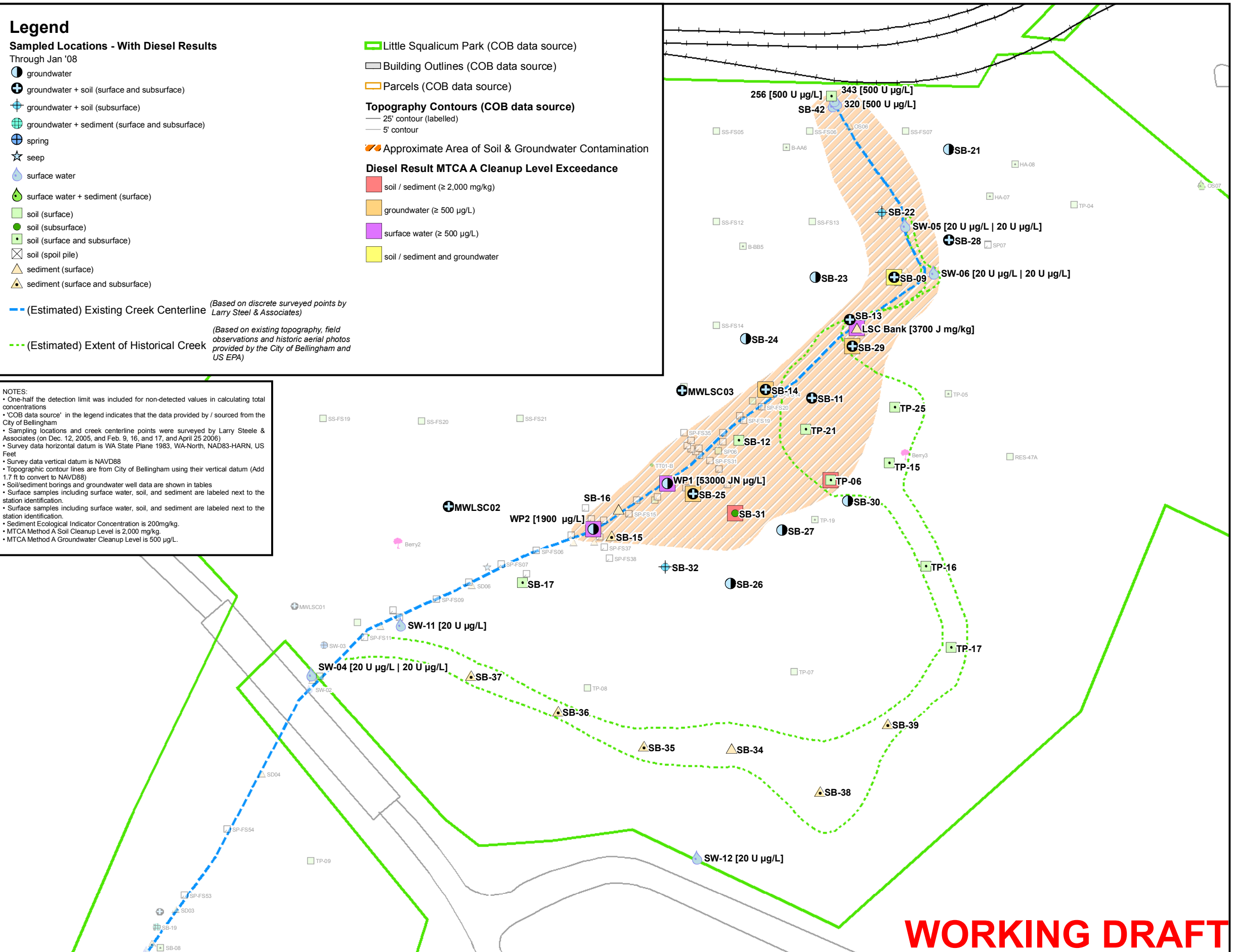
--- (Estimated) Existing Creek Centerline *(Based on discrete surveyed points by Larry Steel & Associates)*

--- (Estimated) Extent of Historical Creek *(Based on existing topography, field observations and historic aerial photos provided by the City of Bellingham and US EPA)*

### NOTES:

- One-half the detection limit was included for non-detected values in calculating total concentrations
- 'COB data source' in the legend indicates that the data provided by / sourced from the City of Bellingham
- Sampling locations and creek centerline points were surveyed by Larry Steele & Associates (on Dec. 12, 2005, and Feb. 9, 16, and 17, and April 25 2006)
- Survey data horizontal datum is WA State Plane 1983, WA-North, NAD83-HARN, US Feet
- Survey data vertical datum is NAVD88
- Topographic contour lines are from City of Bellingham using their vertical datum (Add 1.7 ft to convert to NAVD88)
- Soil/sediment borings and groundwater well data are shown in tables
- Surface samples including surface water, soil, and sediment are labeled next to the station identification.
- Surface samples including surface water, soil, and sediment are labeled next to the station identification.
- Sediment Ecological Indicator Concentration is 200mg/kg.
- MTCA Method A Soil Cleanup Level is 2,000 mg/kg.
- MTCA Method A Groundwater Cleanup Level is 500 µg/L.

- 🟢 Little Squalicum Park (COB data source)
- 🏠 Building Outlines (COB data source)
- 🏡 Parcels (COB data source)
- 📏 Topography Contours (COB data source)
  - 25' contour (labelled)
  - 5' contour
- 🔴 Approximate Area of Soil & Groundwater Contamination
  - 🟠 soil / sediment (≥ 2,000 mg/kg)
  - 🟡 groundwater (≥ 500 µg/L)
  - 🟣 surface water (≥ 500 µg/L)
  - 🟡 soil / sediment and groundwater



**WORKING DRAFT**

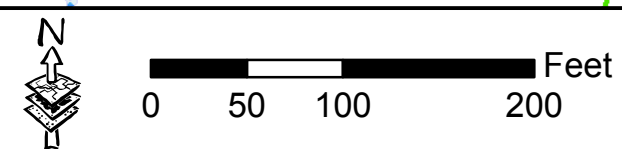


Figure 5-25  
Upper and Historical Creek Diesel-Range Organics Results  
Little Squalicum Park RI, Bellingham, WA