SB-09			
Depth (ft)		Concentration	
0	1	215	mg/kg
1	2	13 U	mg/kg
5	6	12 U	mg/kg
6	7	120 U	mg/kg
7	8	250 U	mg/kg
8	9	380	mg/kg
9	10	130	mg/kg
GW		1000 U	ug/l

SB-11			
Depth (ft)		Concentration	
0	1	2400	mg/kg
1	2	2900	mg/kg
2	3	170	mg/kg
4	5	200	mg/kg
6	7	26	mg/kg
GW		500 U	ug/l

SB-12			
Depth (ft)		Concentration	
0	1	160	mg/kg
1	2	160	mg/kg
4	5	250	mg/kg

SB-13			
Depth (ft)		Concentration	
0	1	30	mg/kg
1	2	13 U	mg/kg
6	7	14 U	mg/kg
GW		500 U	ug/l

SB-14			
Depth (ft)		Concentration	
0	1	15 U	mg/kg
1	2	13 U	mg/kg
4	5	13 U	mg/kg
5	6	14 U	mg/kg
6	7	78 U	mg/kg
8	9	21	mg/kg
9	10	12 U	mg/kg
10	11	14	mg/kg
GW		500 U	ug/l

SB-15			
Depth (ft)		Concentration	
0	1	44	mg/kg
1	2	13 U	mg/kg

SB-16			
Depth (ft)		Concentration	
0	1	66	mg/kg

SB-17			
Depth (ft)		Concentration	
0	1	13	mg/kg
1	2	100	mg/kg

SB-21			
Depth (ft)		Concentration	
GW		500 U	ug/l

SB-22			
Depth (ft)		Concentration	
25.5	27	13 U	mg/kg
27	28.5	150	mg/kg
28.5	29.6	31	mg/kg
29.6	30	12 U	mg/kg
30	31	12 U	mg/kg
GW		500 U	ug/l

SB-23			
Depth (ft)		Concentration	
GW		500 U	ug/l

SB-24			
Depth (ft)		Concentration	
GW		500 U	ug/l

SB-25			
Depth (ft)		Concentration	
0	1	76	mg/kg
1	2	73	mg/kg
GW		500 U	ug/l

SB-26			
Depth (ft)		Concentration	
GW		500 U	ug/l

SB-27			
Depth (ft)		Concentration	
GW		500 U	ug/l

SB-28			
Depth (ft)		Concentration	
0	1	53	mg/kg
1	2	21	mg/kg
GW		500 U	ug/l

SB-29			
Depth (ft)		Concentration	
0	1	77	mg/kg
1	2	50	mg/kg
5	5.5	46	mg/kg
7	7.3	460	mg/kg
10	10.6	140	mg/kg
GW		500 U	ug/l

SB-30			
Depth (ft)		Concentration	
0	1	47.5	mg/kg
GW		500 U	ug/l

SB-31			
Depth (ft)		Concentration	
7	8	12 U	mg/kg
8	9	620	mg/kg
9	9.6	130	mg/kg
9.6	10	29	mg/kg
10.2	11	12 U	mg/kg

SB-32			
Depth (ft)		Concentration	
GW		500 U	ug/l

MWLSC02			
Depth (ft)		Concentration	
GW		500 U	ug/l
GW		500 U	ug/l

MWLSC03			
Depth (ft)		Concentration	
GW		500 U	ug/l
GW		500 U	ug/l

SB-34			
Depth (ft)		Concentration	
0	1.1	990	mg/kg

SB-35			
Depth (ft)		Concentration	
0	1	1000	mg/kg
1	1.8	2700	mg/kg
1.8	3.2	190	mg/kg

SB-36			
Depth (ft)		Concentration	
0	0.8	890	mg/kg
0.8	1.8	13 U	mg/kg

SB-37			
Depth (ft)		Concentration	
0	1.2	1600	mg/kg
1.2	2	570	mg/kg
2	3.1	83	mg/kg

SB-38			
Depth (ft)		Concentration	
0	1	1650	mg/kg
1	1.9	215	mg/kg
1.9	2.4	170	mg/kg

SB-39			
Depth (ft)		Concentration	
0	0.7	280	mg/kg
0.7	2	190	mg/kg

TP-15			
Depth (ft)		Concentration	
0	1	35	mg/kg
3	4	12 U	mg/kg

TP-16			
Depth (ft)		Concentration	
0	2	760	mg/kg
2	4	110	mg/kg

TP-17			
Depth (ft)		Concentration	
0	1	110	mg/kg
1	2	480	mg/kg
2	3	55	mg/kg
3	4	40	mg/kg

TP-21			
Depth (ft)		Concentration	
0	2	390	mg/kg
2	4	22	mg/kg

TP-25			
Depth (ft)		Concentration	
0	0.6	27	mg/kg
0.6	2	12 U	mg/kg

SB-42			
Depth (ft)		Concentration	
34	35.5	11 U	mg/kg
36.5	38	55	mg/kg

Legend

Sampled Locations - With Residual 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)*

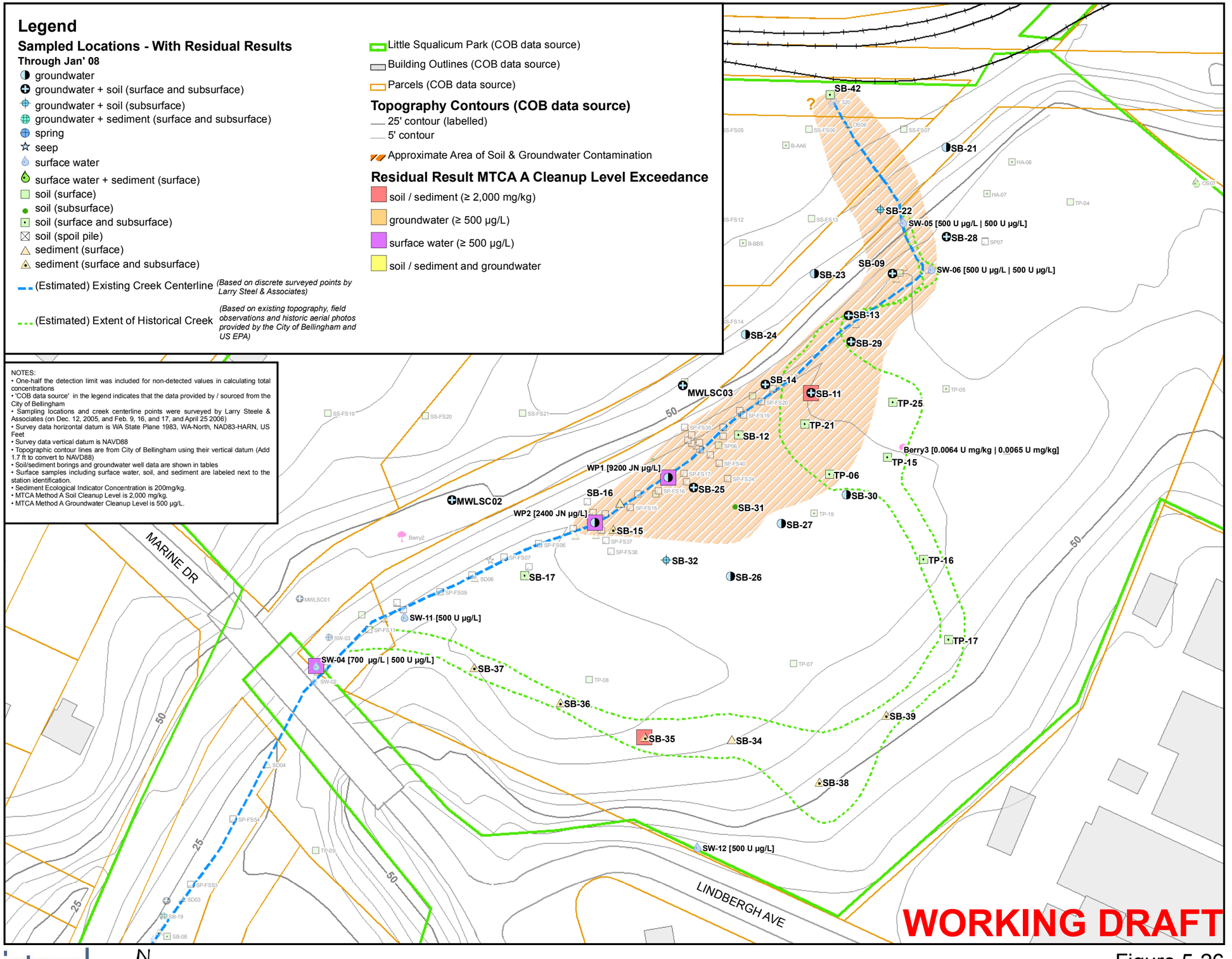
- Little Squalicum Park (COB data source)
- Building Outlines (COB data source)
- Parcels (COB data source)

Topography Contours (COB data source)
- 25' contour (labelled)
- 5' contour

Approximate Area of Soil & Groundwater Contamination

Residual Result MTCA A Cleanup Level Exceedance
- soil / sediment (≥ 2,000 mg/kg)
- groundwater (≥ 500 µg/L)
- surface water (≥ 500 µg/L)
- soil / sediment and groundwater

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.
- 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.
- MTCA Method A Groundwater Cleanup Level is 500 µg/L.



WORKING DRAFT

integral consulting inc.

N

0 50 100 200 Feet

Figure 5-26

Upper and Historical Creek Residual-Range Organics Results

Little Squalicum Park RI, Bellingham, WA

Map Document: (\\192.168.1.11\gis\mi\C075_Little-Squalicum_COB\C075_LSP_RRO_table_figure.mxd) TWC -- 10/11/2007 -- 11:52:52 AM