

TP-01		
Depth (ft)	Lead Concentration	
0	1	121.5 mg/kg
1	2	1270 mg/kg
2	3	107 mg/kg
3	4	18 mg/kg
4	5	3 mg/kg

SB-40		
Depth (ft)	As Concentration	
0	1	130 mg/kg
0	1	6 ug/L
1	2	150 mg/kg
1	2	12 ug/L
2	3	235 mg/kg
3	4	13 mg/kg

TP-02		
Depth (ft)	Lead Concentration	
0	1	106.5 mg/kg
1	1.6	74 mg/kg
1.6	2.9	15 mg/kg
2.9	3.7	233 mg/kg
3.7	4.2	43 mg/kg
4.2	5.3	7 mg/kg

TP-26		
Depth (ft)	As Concentration	
0	1	27 mg/kg
1	2	10 U mg/kg

TP-03		
Depth (ft)	Lead Concentration	
0	1	19 mg/kg
1	2	23 mg/kg

TP-27		
Depth (ft)	As Concentration	
0	1	0.9 U mg/kg

TP-22		
Depth (ft)	Lead Concentration	
0	0.5	134.5 mg/kg
0.5	1.7	222 mg/kg
1.7	2.2	3970 mg/kg
1.7	2.2	660 ug/l

TP-28		
Depth (ft)	As Concentration	
0	1	40 mg/kg
0	1	2 U ug/L

TP-23		
Depth (ft)	Lead Concentration	
0	2	285 mg/kg
2	3.5	371 mg/kg
3.5	4	1290 mg/kg
3.5	4	280 ug/L
4	4.5	32 mg/kg
4.5	5	5 mg/kg

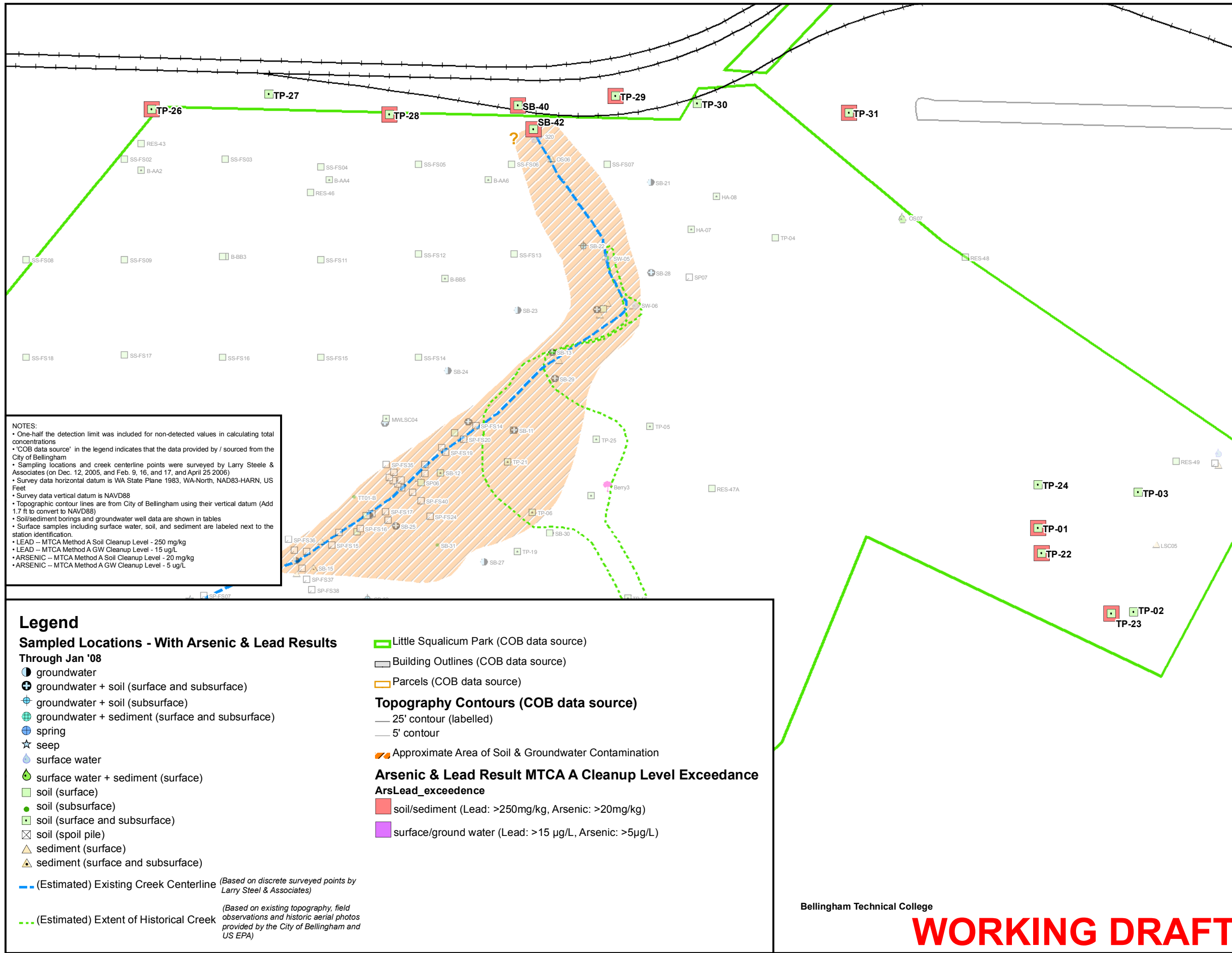
TP-29		
Depth (ft)	As Concentration	
0	1	36 mg/kg

TP-24		
Depth (ft)	Lead Concentration	
0	1.5	50 mg/kg
1.5	1.5	160 mg/kg

TP-30		
Depth (ft)	As Concentration	
0	1	11.5 mg/kg
1	2	1 U mg/kg

TP-31		
Depth (ft)	As Concentration	
0	1	70 mg/kg
0	1	25 ug/L

SB-42		
Depth (ft)	As Concentration	
1	2.5	36.5 mg/kg
2	5.4	30 mg/kg



**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.
- LEAD -- MTCA Method A Soil Cleanup Level - 250 mg/kg
- LEAD -- MTCA Method A GW Cleanup Level - 15 ug/L
- ARSENIC -- MTCA Method A Soil Cleanup Level - 20 mg/kg
- ARSENIC -- MTCA Method A GW Cleanup Level - 5 ug/L

**Legend**

**Sampled Locations - With Arsenic & Lead 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 Steele & 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

**Arsenic & Lead Result MTCA A Cleanup Level Exceedance**

**ArsLead\_exceedence**

- ⬜ soil/sediment (Lead: >250mg/kg, Arsenic: >20mg/kg)
- ⬜ surface/ground water (Lead: >15 ug/L, Arsenic: >5ug/L)

Bellingham Technical College

**WORKING DRAFT**

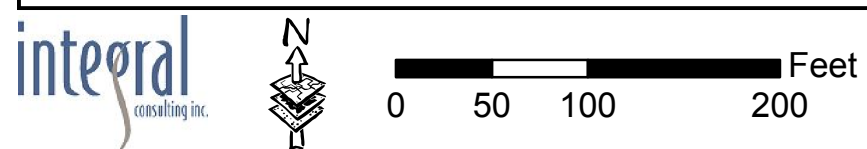


Figure 5-24  
**Arsenic (Illinois Street Extension Area) and Lead (Landfill Area) Results**  
 Little Squalicum Park RI, Bellingham, WA