KINNETIC LABORATORIES INCORPORATED

OCEANOGRAPHIC & ENVIRONMENTAL CONSULTING

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August 9, 2006

Mr. Jon Konnan
EOA, Inc.
1410 Jackson Street
Oakland, CA 94612-4010

Re: Belmont Creek Watershed Monitoring Report

Water samples were collected from three stream sites in the Belmont Creek watershed (Figure 1). Station IDs (identifications), descriptions, and locations are listed in Table 1. Three sampling events were performed with each representing one of three hydrological cycles. The three hydrological cycles were defined as: September (dry season), January (wet season), and May (decreasing hydrograph/spring). The dry season sampling event was performed on 19 September 2005. The wet season sampling event was performed on 10 January 2006. The decreasing hydrograph/spring sampling event was performed on 3 May 2006.

Conventional water quality parameters of temperature, pH, conductivity, and dissolved oxygen (D.O.) were measured with portable field instruments. Temperature, pH, and, conductivity were measured with a YSI Model 63 handheld instrument. D.O. was measured with a YSI Model 58 portable D.O. meter. In addition, water velocity was measured in feet/second with a Global Flow Probe, flow (velocity) meter, model number FP101. Grab water quality samples for analysis were collected directly into sample bottles as close to midstream as possible. General water quality field measurements are presented in Table 2. Water quality field measurements were successfully performed at all sites during all sampling events.

Water quality analytical laboratory results are presented for the dry season event (19 September 2005) in Table 3, for the wet season event (10 January 2006) in Table 4, and for the decreasing hydrograph/spring event (3 May 2006) in Table 5.

Water samples were tested for toxicity during all three sampling events. Three species bioassays were performed using the water flea (*Ceriodaphnia dubia*), the fathead minnow (*Pimephales promelas*), and the green algae (*Selenastrum capricornutum*). Results for

the dry season sampling event are shown in Table 6. Results for the wet season sampling event are shown in Table 7. The decreasing hydrograph/spring sampling event results are shown in Table 8[1]. No organophosphorus pesticide analytes were detected at or above their respected reporting limits. Diazinon was detected (0.007 ug/L) during the dry weather sampling event at station Belmont 3 above the method detection limit but below the reporting limit.

Generally, the Quality Assurance/Quality Control (QA/QC) activities associated with the laboratory analyses were within QA/QC limits. There were some minor blanking hits for metals analyses but all were values reported below the reporting limit. Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS and LCSD) spike recoveries were slightly high for dissolved/total aluminum and one of four Standard Reference Material analyses performed for aluminum also showed slightly high recovery during the dry weather sampling event. No qualification of aluminum data was performed as three of the four SRMs met QC limits. In addition, laboratory duplicates for total cadmium and total silver exceeded Relative Percent Difference (RPD) QC limits for the dry weather sampling event. No qualification was required as all measured values were estimated values below the laboratory reporting limits. This same exceedance of RPD limits for laboratory duplicates was observed again during the decreasing hydrograph/spring event for total selenium and dissolved chromium. Again, no qualification was required as all measured values were estimated values below the reporting limits. During the January wet weather sampling event, the Matrix Spike and Matrix Spike Duplicate (MS and MSD) spike recoveries were low (respectively 54.4 and 55.4%) for dissolved silver demonstrating a matrix interference. No qualification was performed as dissolved silver was not measured above the reporting limit (0.50 ug/L) and the LCS met QC limits with a recovery of 95.9%.

Dissolved arsenic values were greater than the corresponding total recoverable value for all three samples during the dry weather sampling event and one sample during the spring event (Tables 3 and 5). In all cases the dissolved value either slightly exceeded the reporting limit or the associated total recoverable value. In any case, all values were at or near the reporting limit. It is likely that the differences just display the variability in measurements and that the dissolved fraction comprises basically 100% of the total recoverable arsenic. During the spring sampling event at station Belmont 4 (Table 5), the dissolved copper value was greater than the total recoverable value by greater than two times the reporting limit. Both values were qualified "J" as an estimated quantity. Also during the spring sampling event at station Belmont 4, dissolved lead was qualified "J" as an estimated quantity where the measured value 0.68 ug/L was greater than the estimated total recoverable measured value of 0.15 ug/L which was less than the reporting limit (0.20 ug/L).

[1] The initial *Selenastrum* (green algae) test setups did not meet test acceptability criteria and were re-tested the following week when the sample was eight days old, which is beyond the EPA extended 72 hour hold time. Though the extended holding time might have affected the results, the samples were stored at ≤4 ºC in the dark which would have minimized sample degradation prior to testing.

Analytical quality assurance for this program included the following:

- Employing analytical chemists trained in the procedures to be followed.
- Adherence to documented procedures, USEPA methods and written Standard Operating Procedures (SOPs).
- Calibration of analytical instruments.
- Use of quality control samples including method blanks, laboratory control samples (LCS), surrogate spikes, and matrix spike/matrix spike duplicates (MS/MSD)
- Complete documentation of sample tracking and analysis.

Data validation was performed in accordance with the National Functional Guidelines for Organic Data Review (EPA540/R-99/008) and Inorganic Data Review (EPA540/R-01/008).

Please give me a call (831 457-3950) if you have any questions or need further information.

Sincerely,

Jonathan Toal

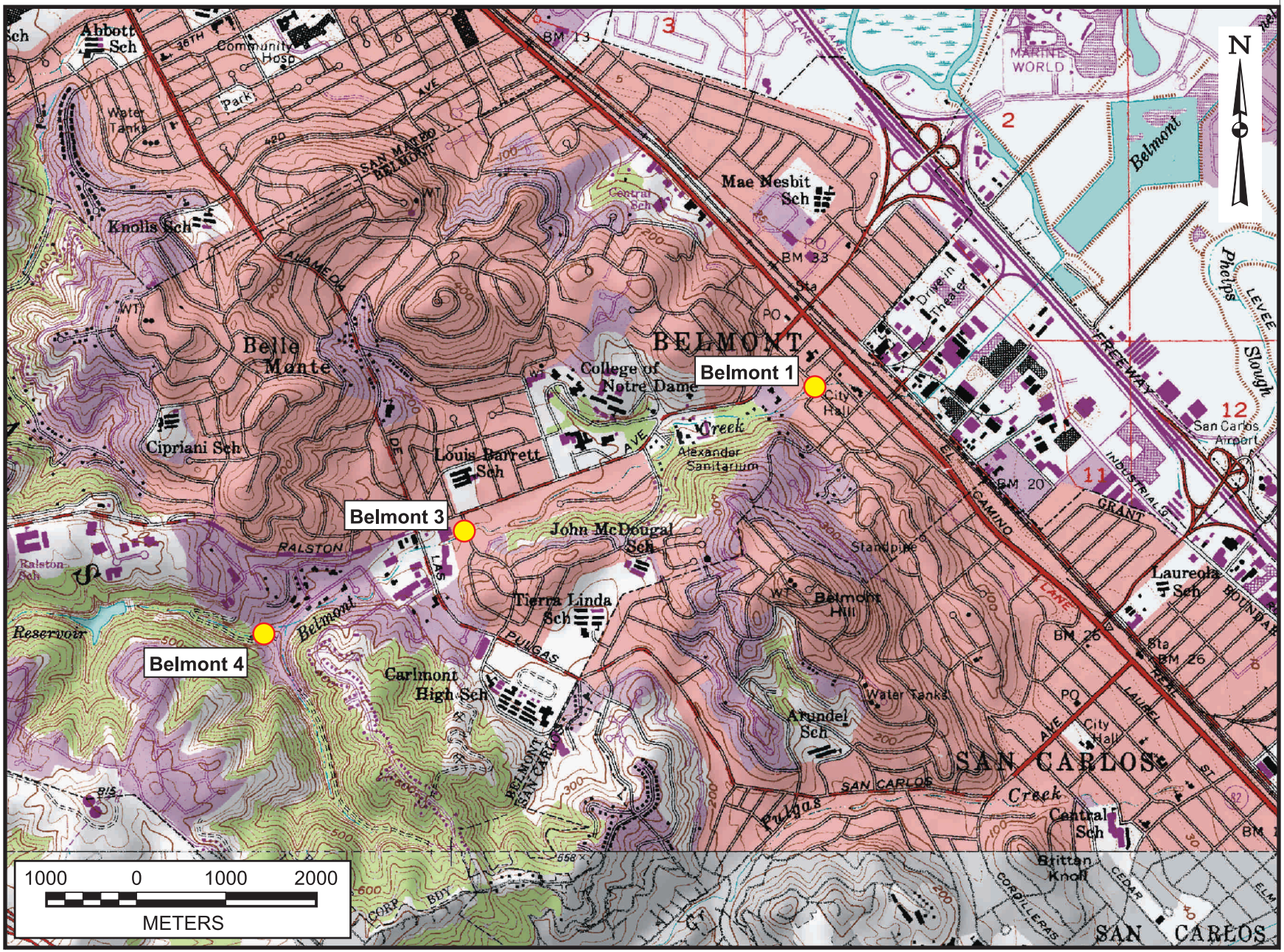


Figure 1. Belmont Creek Sampling Sites: Belmont 1 (at O'Neill Avenue), Belmont 3 (at Maywood Drive), and Belmont 4 (at Carlmont Drive).

Table 1. Sampling Locations (September 2005, January 2006 and May 2006).

Station ID and Description		Latitude	Longitude
Belmont 1	Belmont Creek 1 at O'Neill Avenue.	N 37° 31.057'	W 122° 16.526'
Belmont 3	Belmont Creek 3 at Maywood Drive.	N 37° 30.732'	W 122° 17.522'
Belmont 4	Belmont Creek 4 at Carlmont Drive.	N 37° 30.496'	W 122° 18.111'

Table 2. General Water Quality Measurements for Each Sampling Event (September 2005, January 2006 and May 2006).

Station ID and Station Description		DATE	pH	Temp. (°C)	Cond. (µS/cm)	D.O. (mg/L)	Velocity (ft/sec)
Dry Season Event (19 September 2005)							
Belmont 1	Belmont Creek 1	9/19/05	7.82	14.0	926	8.85	1.7
Belmont 3	Belmont Creek 3	9/19/05	7.84	16.4	1121	8.05	2.2
Belmont 4	Belmont Creek 4	9/19/05	7.97	15.0	624	8.00	4.8
Wet Season Event (10 January 2006)							
Belmont 1	Belmont Creek 1	1/10/06	8.04	10.6	829	10.35	1.28
Belmont 3	Belmont Creek 3	1/10/06	8.06	11.6	932	9.76	1.33
Belmont 4	Belmont Creek 4	1/10/06	8.34	9.8	496	10.26	1.96
Decreasing Hydrograph/Spring Event (3 May 2006)							
Belmont 1	Belmont Creek 1	5/3/06	7.53	13.8	826	8.70	0.52
Belmont 3	Belmont Creek 3	5/3/06	7.55	14.0	1016	8.73	0.72
Belmont 4	Belmont Creek 4	5/3/06	7.93	14.8	614	8.60	0.43

Table 3. Water Quality Results for Dry Sampling Event (19 September 2005).

	Stations		
	Belmont 1	**Belmont 3**	**Belmont 4**
NUTRIENTS AND ANIONS			
Total Hardness (mg/L)	**440**	**520**	**310**
SUSPENDED SEDIMENT CONCENTRATION			
Total Particulate Solids (mg/L)	**2.1**	**2.1**	**2.7**
Total Coarse Solids (mg/L)	**1.3**	<1.0	**1.0**
Total Fine (mg/L)	<1.0	**1.4**	**1.7**
***TOTAL RECOVERABLE METALS* (µg/L)**			
Aluminum	100U	100U	100U
Arsenic	1.0U	1.0U	1.0U
Cadmium	0.25U	0.25U	0.25U
Chromium	**0.24J**	**0.36J**	**0.53**
Copper	**1.8**	**1.7**	**1.5**
Lead	0.50U	0.50U	0.50U
Manganese	**12**	**79**	**42**
Mercury	**0.012**	**0.016**	**0.014**
Nickel	1.0U	**1.1**	1.0U
Selenium	0.10U	0.10U	0.10U
Silver	0.25U	0.25U	0.25U
Zinc	**7.6**	**6.7**	**5.8**
***DISSOLVED METALS* (µg/L)**			
Aluminum	100U	100U	100U
Arsenic	**1.1**	**1.1**	**1.1**
Cadmium	0.25U	0.25U	0.25U
Chromium	**0.19J**	**0.21J**	**0.19J**
Copper	**1.5**	**1.3**	**1.1**
Lead	0.50U	0.50U	0.50U
Manganese	**9.5**	**59**	**35**
Nickel	1.0U	1.0U	1.0U
Selenium	0.10U	0.10U	0.10U
Silver	0.25U	0.25U	0.25U
Zinc	5.0U	5.0U	5.0U
ORGANOPHOSPHORUS PESTICIDES (ug/L)			
Bolstar	0.02U	0.02U	0.02U
Chlorpyrifos	0.01U	0.01U	0.01U
Demeton, o and s	0.02U	0.02U	0.02U
Diazinon	0.01U	**0.007J**	0.01U
Dichlorvos	0.02U	0.02U	0.02U
Dimethoate	0.01U	0.01U	0.01U
Disulfoton	0.02U	0.02U	0.02U
Ethoprop	0.02U	0.02U	0.02U
Fensulfothion	0.02U	0.02U	0.02U
Fenthion	0.02U	0.02U	0.02U
Malathion	0.01U	0.01U	0.01U
Merphos	0.02U	0.02U	0.02U
Mevinphos	0.02U	0.02U	0.02U
Parathion-methyl	0.02U	0.02U	0.02U
Phorate	0.02U	0.02U	0.02U
Ronnel	0.02U	0.02U	0.02U
Stirophos	0.02U	0.02U	0.02U
Tokuthion (Prothiofos)	0.02U	0.02U	0.02U
Trichloronate	0.02U	0.02U	0.02U

Belmont 1 = Belmont Creek 1
Belmont 3 = Belmont Creek 3
Belmont 4 = Belmont Creek 4
Bolded sample values are for representational purposes only.
J = The result is an estimated quantity.
U = Not measured above reported sample method detection limit
UJ = Analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 4. Water Quality Results for the Wet season Sampling Event (10 January 2006).

	Stations		
	Belmont 1	**Belmont 3**	**Belmont 4**
NUTRIENTS AND ANIONS			
Total Hardness (mg/L)	**440**	**490**	**280**
SUSPENDED SEDIMENT CONCENTRATION			
Total Particulate Solids (mg/L)	**8.3**	**2.2**	**4.9**
Total Coarse Solids (mg/L)	**0.3**	**0.9**	**0.9**
Total Fine (mg/L)	**8.0**	**1.3**	**4.0**
***TOTAL RECOVERABLE METALS* (µg/L)**			
Aluminum	**31**	**55**	**170**
Arsenic	**0.77**	**0.69**	**0.64**
Cadmium	0.20U	0.20U	0.20U
Chromium	0.50U	0.50U	**0.69**
Copper	**2.0**	**1.9**	**1.9**
Lead	0.20U	0.20U	**0.28**
Manganese	**60**	**430**	**61**
Mercury	0.005U	0.005U	**0.010**
Nickel	**2.2**	**2.5**	**2.5**
Selenium	1.0U	1.0U	1.0U
Silver	**0.53**	0.50U	0.50U
Zinc	**2.8**	**4.9**	**1.4**
***DISSOLVED METALS* (µg/L)**			
Aluminum	25U	25U	25U
Arsenic	**0.67**	**0.65**	**0.53**
Cadmium	0.20U	0.20U	0.20U
Chromium	0.50U	0.50U	0.50U
Copper	**1.8**	**1.5**	**1.6**
Lead	0.20U	0.20U	0.20U
Manganese	**52**	**410**	**47**
Nickel	**2.2**	**2.5**	**2.2**
Selenium	1.0U	1.0U	1.0U
Silver	0.50U	0.50U	0.50U
Zinc	**2.4**	**3.5**	1.0U
ORGANOPHOSPHORUS PESTICIDES (ug/L)			
Bolstar	0.02U	0.02U	0.02U
Chlorpyrifos	0.01U	0.01U	0.01U
Demeton, o and s	0.02U	0.02U	0.02U
Diazinon	0.01U	0.01U	0.01U
Dichlorvos	0.02U	0.02U	0.02U
Dimethoate	0.01U	0.01U	0.01U
Disulfoton	0.02U	0.02U	0.02U
Ethoprop	0.02U	0.02U	0.02U
Fensulfothion	0.02U	0.02U	0.02U
Fenthion	0.02U	0.02U	0.02U
Malathion	0.01U	0.01U	0.01U
Merphos	0.02U	0.02U	0.02U
Mevinphos	0.02U	0.02U	0.02U
Parathion-methyl	0.02U	0.02U	0.02U
Phorate	0.02U	0.02U	0.02U
Ronnel	0.02U	0.02U	0.02U
Stirophos	0.02U	0.02U	0.02U
Tokuthion (Prothiofos)	0.02U	0.02U	0.02U
Trichloronate	0.02U	0.02U	0.02U

Belmont 1 = Belmont Creek 1
Belmont 3 = Belmont Creek 3
Belmont 4 = Belmont Creek 4
Bolded sample values are for representational purposes only.
J = The result is an estimated quantity.
U = Not measured above reported sample method detection limit
UJ = Analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 5. Water Quality Results for Decreasing Hydrograph/Spring Sampling Event (3 May 2006).

	Stations		
	Belmont 1	**Belmont 3**	**Belmont 4**
NUTRIENTS AND ANIONS			
Total Hardness (mg/L)	**420**	**460**	**300**
SUSPENDED SEDIMENT CONCENTRATION			
Total Particulate Solids (mg/L)	**8.5**	**16.9**	**5.7**
Total Coarse Solids (mg/L)	**2.1**	**5.3**	**1.0**
Total Fine (mg/L)	**6.4**	**11.6**	**4.7**
***TOTAL RECOVERABLE METALS* (µg/L)**			
Aluminum	**38**	**66**	**220**
Arsenic	**0.78**	**0.82**	**1.0**
Cadmium	0.20U	0.20U	0.20U
Chromium	0.50U	0.50U	**0.69**
Copper	**2.3**	**3.5**	**2.0J**
Lead	**0.10J**	**0.11J**	**0.15J**
Manganese	**31**	**380**	**47**
Mercury	**0.007**	**0.006**	**0.008**
Nickel	**1.9**	**2.3**	**2.4**
Selenium	**0.33J**	1.0U	**0.25J**
Silver	0.20U	0.20U	0.20U
Zinc	**3.8**	**8.1**	**1.4**
***DISSOLVED METALS* (µg/L)**			
Aluminum	25U	**21J**	**12J**
Arsenic	**0.80J**	**0.80J**	**0.95J**
Cadmium	0.20U	0.20U	0.20U
Chromium	**0.067J**	**0.094J**	**0.26J**
Copper	**1.9**	**2.4**	**3.3J**
Lead	**0.011J**	**0.049J**	**0.68J**
Manganese	**29**	**380**	**35**
Nickel	**1.9**	**2.0**	**1.7**
Selenium	**0.22J**	**0.25J**	**0.26J**
Silver	0.20U	0.20U	0.20U
Zinc	**2.2**	**5.2**	**0.82J**
ORGANOPHOSPHORUS PESTICIDES (ug/L)			
Bolstar	0.004U	0.004U	0.004U
Chlorpyrifos	0.002U	0.002U	0.002U
Demeton, o and s	0.002U	0.002U	0.002U
Diazinon	0.004U	0.004U	0.004U
Dichlorvos	0.006U	0.006U	0.006U
Dimethoate	0.006U	0.006U	0.006U
Disulfoton	0.002U	0.002U	0.002U
Ethoprop	0.002U	0.002U	0.002U
Fensulfothion	0.002U	0.002U	0.002U
Fenthion	0.004U	0.004U	0.004U
Malathion	0.006U	0.006U	0.006U
Merphos	0.002U	0.002U	0.002U
Mevinphos	0.016U	0.016U	0.016U
Parathion-methyl	0.002U	0.002U	0.002U
Phorate	0.012U	0.012U	0.012U
Ronnel	0.004U	0.004U	0.004U
Stirophos	0.004U	0.004U	0.004U
Tokuthion (Prothiofos)	0.006U	0.006U	0.006U
Trichloronate	0.002U	0.002U	0.002U

Belmont 1 = Belmont Creek 1
Belmont 3 = Belmont Creek 3
Belmont 4 = Belmont Creek 4
Bolded sample values are for representational purposes only.
J = The result is an estimated quantity.
U = Not measured above reported sample method detection limit
UJ = Analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Table 6. Cordilleras Creek Summary of Bioassay Results (19 September 2005).

	Survival			*Reproduction*				
Sample	***NOEC***	***LOEC***	***LC_{50}***	***NOEC***	***LOEC***	***IC_{50}***	***IC_{25}***	***IC_{10}***
Ceriodaphnia dubia								
Belmont 1	100	>100	>100	100	>100	>100	>100	>100
Belmont 3	100	>100	>100	100	>100	>100	>100	>100
Belmont 4	100	>100	>100	100	>100	>100	>100	>100
Pimephales promelas*								
Belmont 1	100	>100	>100	100	>100	>100	>100	>100
Belmont 3	100	>100	>100	100	>100	>100	>100	>100
Belmont 4	100	>100	>100	100	>100	>100	>100	>100
Selenastrum capricornutum								
Belmont 1	NA	NA	NA	100	>100	>100	>100	>100
Belmont 3	NA	NA	NA	100	>100	>100	>100	>100
Belmont 4	NA	NA	NA	100	>100	>100	>100	>100

Values are percent sample
Belmont 1 = Belmont Creek 1
Belmont 3 = Belmont Creek 3
Belmont 4 = Belmont Creek 4
NOEC= Highest Test Concentration Not Producing a Statistically Significant Reduction in Survival or Fertilization
LOEC= Lowest Test Concentration Producing a Statistically Significant Reduction in Survival or Fertilization
LC_{50}= Median (50%) Lethal Concentration
IC_{50}= Concentration Inhibitory to Reproduction by 50% (Median)
IC_{25}= Concentration Inhibitory to Reproduction by 25%
IC_{10}= Concentration Inhibitory to Reproduction by 10%
NA= Not Applicable
NM= Not Measurable due to a laboratory error.

Table 7. Cordilleras Creek Summary of Bioassay Results (10 January 2006).

	Survival			*Reproduction*				
Sample	***NOEC***	***LOEC***	***LC_{50}***	***NOEC***	***LOEC***	***IC_{50}***	***IC_{25}***	***IC_{10}***
Ceriodaphnia dubia								
Belmont 1	100	>100	>100	100	>100	>100	97.1	68.9
Belmont 3	100	>100	>100	100	>100	>100	>100	>100
Belmont 4	100	>100	>100	100	>100	>100	>100	>100
Pimephales promelas*								
Belmont 1	100	>100	>100	100	>100	>100	>100	20.0
Belmont 3	100	>100	>100	100	>100	>100	>100	59.3
Belmont 4	100	>100	>100	100	>100	>100	>100	4.3
Selenastrum capricornutum								
Belmont 1	NA	NA	NA	100	>100	>100	>100	>100
Belmont 3	NA	NA	NA	100	>100	>100	>100	>100
Belmont 4	NA	NA	NA	100	>100	>100	>100	>100

Values are percent sample
Belmont 1 = Belmont Creek 1
Belmont 3 = Belmont Creek 3
Belmont 4 = Belmont Creek 4
NOEC= Highest Test Concentration Not Producing a Statistically Significant Reduction in Survival or Fertilization
LOEC= Lowest Test Concentration Producing a Statistically Significant Reduction in Survival or Fertilization
LC_{50}= Median (50%) Lethal Concentration
IC_{50}= Concentration Inhibitory to Reproduction by 50% (Median)
IC_{25}= Concentration Inhibitory to Reproduction by 25%
IC_{10}= Concentration Inhibitory to Reproduction by 10%
NA= Not Applicable

Table 8. Cordilleras Creek Summary of Bioassay Results (3 May 2006).

	Survival			*Reproduction*				
Sample	***NOEC***	***LOEC***	***LC_{50}***	***NOEC***	***LOEC***	***IC_{50}***	***IC_{25}***	***IC_{10}***
Ceriodaphnia dubia								
Belmont 1	100	>100	>100	100	>100	>100	>100	80.8
Belmont 3	100	>100	>100	100	>100	>100	>100	>100
Belmont 4	100	>100	>100	100	>100	>100	>100	30.9
Pimephales promelas*								
Belmont 1	100	>100	>100	100	>100	>100	>100	>100
Belmont 3	100	>100	>100	100	>100	>100	>100	97.5
Belmont 4	100	>100	>100	100	>100	>100	>100	>100
Selenastrum capricornutum								
Belmont 1	NA	NA	NA	100	>100	>100	>100	>100
Belmont 3	NA	NA	NA	100	>100	>100	>100	>100
Belmont 4	NA	NA	NA	100	>100	>100	>100	>100

Values are percent sample
Belmont 1 = Belmont Creek 1
Belmont 3 = Belmont Creek 3
Belmont 4 = Belmont Creek 4
NOEC= Highest Test Concentration Not Producing a Statistically Significant Reduction in Survival or Fertilization
LOEC= Lowest Test Concentration Producing a Statistically Significant Reduction in Survival or Fertilization
LC_{50}= Median (50%) Lethal Concentration
IC_{50}= Concentration Inhibitory to Reproduction by 50% (Median)
IC_{25}= Concentration Inhibitory to Reproduction by 25%
IC_{10}= Concentration Inhibitory to Reproduction by 10%
NA= Not Applicable

FIELD NOTES

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 1

Date & Time: 9/19/05 1030

KLI Field Crew: AH GC

Geographic Coordinates: Latitude = N 37° 31.057' Longitude = W 122° 16.526'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 1.7

Color: Slight yellow brown

Depth/Width of Stream: 1" X 10'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: Paint can lid, Plastic paper, debris, lock, fabric

Turbidity: (none) / low / moderate / high

Other: Organic debris upagainst metal guards under bridge

Water Quality Parameters

pH: 7.82

Dissolved Oxygen (mg/L): 8.85

Temperature: 14.0°C

Conductivity (µS/cm): 926 us

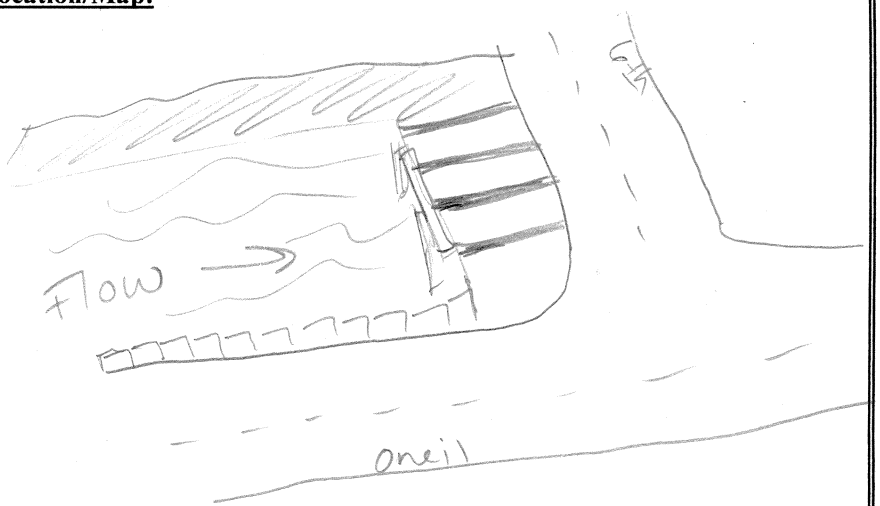
Sampling Equipment & Procedures:

★ Soft flocculent layer on bottom mixed with algae. Small fish in deep pool.

Other Notes/Observations:

paint can lid is from when the grafetti was covered under the 6th st. bridge. left out of water (downstream of sampling) in stream bed on high point. Pictures taken.

Description & Sketch of Sampling Location/Map:



Crew Leader Signature & Date: Amy Hawk 9/19/05

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 3

Date & Time: 9/19/05 1130

KLI Field Crew: AH GC

Geographic Coordinates: Latitude = N 37° 30.732' Longitude = W 122° 17.522'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 2.2

Color:

Depth/Width of Stream: 1" x 5.5'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: None

Turbidity: (none) / low / moderate / high

Other:

Water Quality Parameters

pH: 7.84

Dissolved Oxygen (mg/L): 8.05

Temperature: 16.4°C

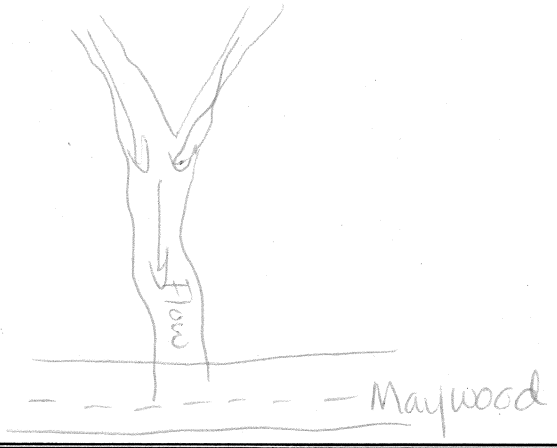
Conductivity (µS/cm): 1121 µS

Sampling Equipment & Procedures:

0.7ppt

Other Notes/Observations:

Description & Sketch of Sampling Location/Map:



Crew Leader Signature & Date: Amy Hawk 9/19/05

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 4

Date & Time: 9/19/05 1230

KLI Field Crew: AH GC

Geographic Coordinates: Latitude = N 37° 30.496' Longitude = W122° 18.111'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 4.8

Color: Slight yellow Brown

Depth/Width of Stream: 1" x 2'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: Sm amount paper & plastic

Turbidity: (none) / low / moderate / high

Other:

Water Quality Parameters

pH: 7.97

Dissolved Oxygen (mg/L): 8.00

Temperature: 15.0 °C

Conductivity (µS/cm): 624

Sampling Equipment & Procedures:

Other Notes/Observations:

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Houk 9/19/05

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 1

Date & Time: 1/10/06 0910

KLI Field Crew: AH GC

Geographic Coordinates: Latitude = N37° 31.057' Longitude = W122° 16.526'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 1.28 x 4"

Color: Clear

Depth/Width of Stream: 4" x 3'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: plastic, glass, ceramics

Turbidity: (none) / low / moderate / high

Other:

Water Quality Parameters

pH: 8.04

Dissolved Oxygen (mg/L): 10.35

Temperature: 10.6°C

Conductivity (µS/cm): 829

Sampling Equipment & Procedures:

* took extra water for pesticide QC *

Other Notes/Observations:

4 Photos Taken

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Hawk 1/10/06

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 3

Date & Time: 1/10/06 1000

KLI Field Crew: AH GC

Geographic Coordinates: Latitude = N 37° 30.732' Longitude = W 122° 17.522'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 1.33 x 1.5"

Color: Clear

Depth/Width of Stream: 1.5" x 6'

Odors: None

Oil & Grease Sheen: none / (low) / moderate / high

Trash: plastic

Turbidity: none / (low) / moderate / high

Other:

Water Quality Parameters

pH: 8.06

Dissolved Oxygen (mg/L): 9.76 mg/L

Temperature: 11.6 °C

Conductivity (µS/cm): 932

Sampling Equipment & Procedures:

* Slight sheen on surface - very subtle

Other Notes/Observations:

2 Photos Taken

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Hawk 1/10/06

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 4

Date & Time: 1/10/06 1050

KLI Field Crew: AH GC

Geographic Coordinates: Latitude = N 37° 30.496' Longitude = W 122° 18.111'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 1.96 x 1'

Color: Clear

Depth/Width of Stream: 1" x 2'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: None

Turbidity: none / (low) / moderate / high

Other:

Water Quality Parameters

pH: 8.34

Dissolved Oxygen (mg/L): 10.26

Temperature: 9.8°C

Conductivity (µS/cm): 496

Sampling Equipment & Procedures:

Other Notes/Observations:

4 Photos Taken

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Hawk 1/10/06

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 2

Date & Time: 5/3/06 1000

KLI Field Crew: AH JB

Geographic Coordinates: Latitude = N 37° 31.056' Longitude = W 122° 16.530'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 0.52

Color: Clear - slight yellow hue

Depth/Width of Stream: 0.6' x 16'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: Plastic, glass

Turbidity: (none) / low / moderate / high

Other: Several med. branches against metal grate.

Water Quality Parameters

pH: 7.53

Dissolved Oxygen (mg/L): 8.70 / 83.8%

Temperature: 13.8

Conductivity (µS/cm): 826 / 937 µs

Sampling Equipment & Procedures:

Other Notes/Observations:

5 Photos Taken

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Hawk 5/3/06

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 3

Date & Time: 5/3/06 0900

KLI Field Crew: AH JB

Geographic Coordinates: Latitude = N 37° 30.721' Longitude = W 122° 17.511'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 0.72

Color: NONE

Depth/Width of Stream: 0.4' x 6'

Odors: ORGANIC

Oil & Grease Sheen: (none) / low / moderate / high

Trash: VERY LITTLE

Turbidity: (none) / low / moderate / high

Other:

Water Quality Parameters

pH: 7.55

Dissolved Oxygen (mg/L): 8.73

Temperature: 14.0°C

Conductivity (µS/cm): 1016/1147uS

Sampling Equipment & Procedures:

Other Notes/Observations:

6 photos Taken

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Howk 5/3/06

BELMONT CREEK MONITORING

KLI SAMPLING FIELD NOTES & WATER QUALITY OBSERVATIONS

Station/Location Name: Belmont Creek 4

Date & Time: 5/3/06 1045

KLI Field Crew: AH JB

Geographic Coordinates: Latitude = N 37° 30.493' Longitude = W 122° 18.111'

Stream Characteristics:

Water Velocity (ft/sec) at 0.6 x Depth: 0.43

Color: Clear - Slight Yellow

Depth/Width of Stream: 0.3' x 3'

Odors: None

Oil & Grease Sheen: (none) / low / moderate / high

Trash: None

Turbidity: (none) / low / moderate / high

Other:

Water Quality Parameters

pH: 7.93

Dissolved Oxygen (mg/L): 8.60 / 85.0%

Temperature: 14.8°C

Conductivity (µS/cm): 614 / 682 µS

Sampling Equipment & Procedures:

Other Notes/Observations:

5 Photos Taken

Description & Sketch of Sampling Location/Map:

Crew Leader Signature & Date: Amy Howk 5/3/06