Table 1
Sampling Station Locations and Related Information

Sampling Station	Target Locations		Event 1		Event 2		Event 3	
	X-coordinate	Y-coordinate	X-coordinate	Y-coordinate	X-coordinate	Y-coordinate	X-coordinate	Y-coordinate
Pre-Construction Sampling (June-July 2008)								
BG-S3	7619909.838	713272.5375	7619902.686	713285.399	7619861.37	713297.8087	7619869.406	713298.0081
BG-HL	7619349.404	713240.2348	7619331.39	713253.7233	7619299.078	713248.9465	7619288.365	713239.4983
BG-1	7620183.172	711510.9234	7620222.064	711523.7921	7620202.405	711526.7141	7620197.038	711508.1901
BG-2	7618633.619	711846.8406	7618683.279	711867.5318	7618650.97	711867.8674	7618649.632	711857.9368

Notes:

Coordinate units: Oregon State Plane North NAD83 Int'l Feet

Table 2
Summary of Field Parameter Results

Event 1: 6/26/08

Station ID: BG-S3

Water Depth (ft)		Parameters			
Depth to Bottom	51.4	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.83	15.72	4.0	7.45
Depth 2	25.0	10.63	15.60	3.1	7.40
Depth 3	48.4	10.45	15.45	3.3	7.30

Station ID: BG-HL

Water Depth (ft)		Parameters			
Depth to Bottom	53.1	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.96	15.75	3.1	7.47
Depth 2	23.0	10.67	15.40	2.5	7.39
Depth 3	50.1	10.46	15.19	4.7	7.33

Station ID: BG-1

Water Depth (ft)		Parameters			
Depth to Bottom	50.4	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.94	15.52	0.8	7.48
Depth 2	25.0	10.72	15.39	0.6	7.35
Depth 3	47.4	10.52	15.26	1.5	7.34

Station ID: BG-2

Water Depth (ft)		Parameters			
Depth to Bottom	39.2	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.84	15.77	2.6	7.43
Depth 2	20.0	10.67	15.44	1.6	7.35
Depth 3	36.2	10.48	15.32	3.2	7.35

Event 2: 6/30/08

Station ID: BG-S3

Water Depth (ft)		Parameters			
Depth to Bottom	52.2	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.94	18.23	2.5	8.60
Depth 2	25.0	10.29	16.65	2.5	7.81
Depth 3	49.2	10.04	16.49	3.0	7.54

Station ID: BG-HL

Water Depth (ft)		Parameters			
Depth to Bottom	55.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.86	18.28	0.5	7.99
Depth 2	25.0	10.03	16.82	2.4	7.53
Depth 3	52.0	9.60	16.00	3.0	7.43

Station ID: BG-1

Water Depth (ft)		Parameters			
Depth to Bottom	49.9	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.53	17.84	1.4	7.68
Depth 2	25.0	9.81	16.73	1.8	7.55
Depth 3	47.0	9.61	16.40	1.8	7.47

Station ID: BG-2

Water Depth (ft)		Parameters			
Depth to Bottom	39.3	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	10.64	18.33	1.2	7.76
Depth 2	20.0	9.90	16.78	2.6	7.54
Depth 3	36.0	9.68	16.18	3.3	7.46

Event 3: 7/02/08

Station ID: BG-S3

Water Depth (ft)		Parameters			
Depth to Bottom	51.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.05	18.47	5.0	7.74
Depth 2	25.5	8.54	17.84	1.3	7.38
Depth 3	48.0	8.12	17.32	1.6	7.35

Station ID: BG-HL

Water Depth (ft)		Parameters			
Depth to Bottom	55.8	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	8.23	17.96	5.4	7.45
Depth 2	28.0	8.13	17.71	3.8	7.32
Depth 3	52.8	7.92	17.31	6.0	7.34

Station ID: BG-1

Water Depth (ft)		Parameters			
Depth to Bottom	49.2	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	8.51	18.68	1.2	7.57
Depth 2	25.0	8.15	18.03	1.9	7.37
Depth 3	46.2	8.04	17.84	2.7	7.39

Station ID: BG-2

Water Depth (ft)		Parameters			
Depth to Bottom	36.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	8.30	18.73	1.5	7.57
Depth 2	18.0	8.28	18.14	2.4	7.43
Depth 3	32.0	8.22	18.03	3.5	7.40

Table 3
Summary of Analytical Laboratory Results

Chemical	Location ID:	BG-1			BG-2			BG-HL			BG-S3			
	Sample ID:	BG-1-C-080626	BG-1-C-080630	BG-1-C-080702	BG-2-C-080626	BG-2-C-080630	BG-2-C-080702	BG-HL-C-080626	BG-HL-C-080630	BG-HL-C-080702	BG-S3-A-080626	BG-S3-A-080626B	BG-S3-A-080702	BG-S3-C-080630
	Sample Date:	6/26/08	6/30/08	7/2/08	6/26/08	6/30/08	7/2/08	6/26/08	6/30/08	7/2/08	6/26/08	6/26/08	7/2/08	6/30/08
	Fraction													
Polycyclic Aromatic Hydrocarbons (µg/L)														
1-Methylnaphthalene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	N	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	N	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	N	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzo(a,h)anthracene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-c,d)pyrene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	N	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Conventional Parameters (mg/L)														
Total suspended solids	N	**3.5**	**4.7**	**7.2**	**6.6**	**6.5**	**4.5**	**3.8**	**4.5**	**9.2**	**5.5**	**5.1**	**3**	**5.8**
Metals (µg/L)														
Cadmium	T	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	T	1 U	1 U	1 U	**3**	1 U	1 U	1 U	1 U	1 U	**1**	**1**	1 U	1 U
Zinc	T	4 U	4 U	4 U	**47**	4 U	4 U	4 U	4 U	4 U	**10**	**7**	4 U	**12**

Notes:

Bold = Detected result

U = Compound analyzed, but not detected above detection limit

UJ = Compound analyzed, but not detected above estimated detection limit

Table 4
Summary of 90th Percentile Background Water Quality Ambient Levels

Historical 10 Year					
		Parameter			
		Temp (°C)	Turb. (NTU)	DO (mg/L)	Field pH
Percentile	10			8.16	6.99
	90	22.06	32		7.47
	Year	1998-2008	1990-2000	1998-2008	1998-2008

Historical 1 Year					
		Parameter			
		Temp (°C)	Turb. (NTU)	DO (mg/L)	Field pH
Percentile	10			8.62	6.81
	90	22.03	38		7.50
	Year	2007-2008	1999-2000	2007-2008	2007-2008

Background Monitoring					
		Parameter			
		Temp (°C)	Turb. (NTU)	DO (mg/L)	Field pH
Percentile	10			8.13	7.34
	90	18.33	4.7		7.76
	Year	2008	2008	2008	2008

Table 5
Summary of 90th Percentile Background Water Quality Ambient Levels for Laboratory Parameters

Chemical	Preconstruction Monitoring	N	USGS Historical			
			10 Year	N	1 Year	N
Polycyclic Aromatic Hydrocarbons (PAHs; µg/L)						
Acenaphthene	U, <.1	*12*				
Acenaphthylene	U, <.1	*12*				
Anthracene	U, <.1	*12*				
Benzo(a)anthracene	U, <.1	*12*				
Benzo(a)pyrene	U, <.1	*12*				
Benzo(b)fluoranthene	U, <.1	*12*				
Benzo(g,h,i)perylene	U, <.1	*12*				
Benzo(k)fluoranthene	U, <.1	*12*				
Chrysene	U, <.1	*12*				
Dibenzo(a,h)anthracene	U, <.1	*12*				
Fluoranthene	U, <.1	*12*				
Fluorene	U, <.1	*12*				
Indeno(1,2,3-c,d)pyrene	U, <.1	*12*				
Naphthalene	U, <.1	*12*				
Phenanthrene	U, <.1	*12*				
Pyrene	U, <.1	*12*				
Conventional Parameters (mg/L)						
Total suspended solids	**8.6**	*12*	**39.4**	*141*	**48.3**	*20*
Metals (µg/L)						
Cadmium	U, <.2	*12*				
Lead	IN	*12*	*u*	*12*		
Zinc	**36.5**	*12*	**7.1**	*71*		

Notes:

Bold = Detected Result

IN = Statistical calculation not possible: insufficient samples with detectable analyte levels.

U = Compound analyzed, but not detected above detection limit

u = Historical detected levels below current project lab dection limit