

OBED MOUNTAIN MINE
TABLE 2 PLANTE CREEK UPSTREAM (PLC-US)

Method Type	Chemical	Unit	MDL	Location	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US
				Date	02-Nov-13	03-Nov-13	04-Nov-13	05-Nov-13	06-Nov-13	07-Nov-13	08-Nov-13	09-Nov-13	10-Nov-13	11-Nov-13
	1,2-dichloroethane	µg/L	2	-	-	-	-	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/L	2	-	-	-	-	<2	<2	<2	<2	<2	<2	<2
	1,3-dichlorobenzene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	1,4-dichlorobenzene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Methyl Ethyl Ketone	µg/L	100	-	-	-	-	<100	<100	<100	<100	<100	<100	<100
	2-hexanone (MBK)	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	4-Methyl-2-pentanone	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	Acetone	mg/L	0.1	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Acrolein	µg/L	100	-	-	-	-	<100	<100	<100	<100	<100	<100	<100
	Acrylonitrile	µg/L	100	-	-	-	-	<100	<100	<100	<100	<100	<100	<100
	Benzene	mg/L	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromodichloromethane	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Bromoform	µg/L	3	-	-	-	-	<3	<3	<3	<3	<3	<3	<3
	Bromomethane	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	Carbon disulfide	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Carbon tetrachloride	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Chlorobenzene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Chlorodibromomethane	µg/L	3	-	-	-	-	<3	<3	<3	<3	<3	<3	<3
	Chloroethane	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	Chloroform	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Chloromethane	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	cis-1,2-dichloroethene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	cis-1,3-dichloropropene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	cis-1,4-Dichloro-2-butene	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	Dibromomethane	µg/L	3	-	-	-	-	<3	<3	<3	<3	<3	<3	<3
	Dichlorodifluoromethane	µg/L	3	-	-	-	-	<3	<3	<3	<3	<3	<3	<3
	Dichloromethane	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Ethanol	µg/L	300	-	-	-	-	<300	<300	<300	<300	<300	<300	<300
	Ethyl methacrylate	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	Ethylbenzene	mg/L	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (m & p)	mg/L	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes Total	µg/L	0.71	<0.71	<0.71	<0.71	<0.71	-	-	-	-	-	-	-
	Iodomethane	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Styrene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Trichloroethene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Tetrachloroethene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	trans-1,2-dichloroethene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	trans-1,3-dichloropropene	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	trans-1,4-Dichloro-2-butene	µg/L	10	-	-	-	-	<10	<10	<10	<10	<10	<10	<10
	Trichlorofluoromethane	µg/L	1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1
	Vinyl acetate	µg/L	100	-	-	-	-	<100	<100	<100	<100	<100	<100	<100
	Vinyl chloride	µg/L	2	-	-	-	-	<2	<2	<2	<2	<2	<2	<2

Notes
MDL - Method Detection Limit
- "Sample not analyzed for this parameter"
< - "result is less than the MDL. No detectable concentration was measured"
* EPA 247.7/245.1

OBED MOUNTAIN MINE
TABLE 2 PLANTE CREEK UPSTREAM (PLC-US)

Method Type	Chemical	Unit	MDL	Location	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US	PLC-US
				Date	12-Nov-13	13-Nov-13	14-Nov-13	15-Nov-13	16-Nov-13	17-Nov-13	18-Nov-13	19-Nov-13	20-Nov-13
	1,2-dichloroethane	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,2-dichloropropane	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	1,3-dichlorobenzene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	1,4-dichlorobenzene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Methyl Ethyl Ketone	µg/L	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	2-hexanone (MBK)	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	4-Methyl-2-pentanone	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Acetone	mg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Acrolein	µg/L	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Acrylonitrile	µg/L	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Benzene	mg/L	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Bromodichloromethane	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Bromoform	µg/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	Bromomethane	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Carbon disulfide	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Carbon tetrachloride	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Chlorobenzene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Chlorodibromomethane	µg/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	Chloroethane	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Chloroform	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Chloromethane	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	cis-1,2-dichloroethene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	cis-1,3-dichloropropene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	cis-1,4-Dichloro-2-butene	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Dibromomethane	µg/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	Dichlorodifluoromethane	µg/L	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
	Dichloromethane	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Ethanol	µg/L	300	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300
	Ethyl methacrylate	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Ethylbenzene	mg/L	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (m & p)	mg/L	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Xylenes Total	µg/L	0.71	-	-	-	-	-	-	-	-	-	-
	Iodomethane	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Styrene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Trichloroethene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Tetrachloroethene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	trans-1,2-dichloroethene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	trans-1,3-dichloropropene	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	trans-1,4-Dichloro-2-butene	µg/L	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Trichlorofluoromethane	µg/L	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Vinyl acetate	µg/L	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	Vinyl chloride	µg/L	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Notes
MDL - Method Detection Limit
- "Sample not analyzed for this parameter"
< - "result is less than the MDL. No detectable concentration was measured"
* EPA 247.7/245.1

OBED MOUNTAIN MINE
TABLE 2 PLANTE CREEK UPSTREAM (PLC-US)

		Location	PLC-US	PLC-US	PLC-US	PLC-US
		Date	22-Nov-13	24-Nov-13	25-Nov-13	26-Nov-13
Method Type	Chemical	Unit	MDL			
Aggregate Organics	Hydrocarbons, Recoverable (L.R.)	mg/L	1	<1	<1	<1
	BOD	mg/L	2	<2	<2	<2
	Oil and Grease	mg/L	1	-	-	-
	Phenols (4AAP)	µg/L	1	1.6	<1	<1
Anions and Nutrients	Alkalinity (T) as CaCO3	mg/L	2	250	226 - 227	227
	Ammonia	mg/L	0.05	<0.05	<0.05	<0.05
	Bicarbonate	mg/L	5	305	276	277
	Carbonate	mg/L	5	<5	<5	<5
	Chloride	mg/L	0.5	<0.5	<0.5 - 0.5	<0.5
	Electrical Conductivity (lab)	µS/m	0.0002	0.42	0.415	0.413
	Hydroxide	mg/L	5	<5	<5	<5
	Ionic Balance	%		93.7	97.3 - 98	98.5
	Kjeldahl Nitrogen Total	mg/L	0.05	<0.2	<0.2	<0.2
	Nitrate (as N)	mg/L	0.05	0.07	0.072 - 0.082	0.072
	Nitrate + Nitrite-N	mg/L	0.07	<0.071	0.072 - 0.082	0.072
	Nitrite (as N)	mg/L	0.05	<0.05	<0.05	<0.05
	pH (Lab)	pH	0.1	7.95	8 - 8.02	8.07
	Phosphorus	mg/L	0.001	0.0063	0.0048 - 0.0058	0.0057
	Phosphorus (Filtered)	mg/L	0.001	0.0031	0.0021 - 0.0033	0.0035
	Sulphate	mg/L	0.5	2.97	3.34 - 3.37	2.97
	Sulphide as CaCO3	mg/L	0.002	<0.002	<0.002	<0.002
	Hardness as CaCO3	mg/L		226	213	216
TDS	mg/L		240	221 - 222	222	
Cyanides	Cyanide Total	mg/L	0.002	<0.005	<0.005	<0.005
	Aluminium (Filtered)	mg/L	0.001	0.0025	0.0021 - 0.0022	0.0018
Dissolved Metals	Antimony (Filtered)	mg/L	0.001	<0.0001	<0.0001	<0.0001
	Arsenic (Filtered)	mg/L	0.001	0.00029	0.00026 - 0.00045	0.00029
	Barium (Filtered)	mg/L	0.00005	0.0673	0.0658 - 0.0671	0.066
	Beryllium (Filtered)	mg/L	0.0005	<0.0005	<0.0005	<0.0005
	Bismuth (Filtered)	mg/L	0.00005	<0.00005	<0.00005	<0.00005
	Boron (hot water ext) (Filtered)	mg/L	0.01	<0.01	<0.01	<0.01
	Cadmium (Filtered)	mg/L	0.00001	<0.00001	<0.00001	<0.00001
	Calcium (Filtered)	mg/L	0.02	66	60.7	63
	Chromium (III+VI) (Filtered)	mg/L	0.0001	<0.0001	<0.0001	<0.0001
	Cobalt (Filtered)	mg/L	0.0001	<0.0001	<0.0001	<0.0001
	Copper (Filtered)	mg/L	0.0001	0.00015	0.00017	0.00019
	Iron (Filtered)	mg/L	0.01	0.09	0.076 - 0.082	0.1
	Lead (Filtered)	mg/L	0.00005	<0.00005	<0.00005	<0.00005
	Lithium (Filtered)	mg/L	0.003	0.0031	<0.003	<0.003
	Magnesium (Filtered)	mg/L	0.005	14.9	14.8 - 15	14.2
	Manganese (Filtered)	mg/L	0.00005	0.0344	0.0332 - 0.0342	0.0333
	Molybdenum (Filtered)	mg/L	0.00005	0.000453	0.000443 - 0.000453	0.000448
	Nickel (Filtered)	mg/L	0.0001	0.00031	0.0003	0.00027
	Phosphorus (Filtered)	mg/L	0.3	<0.3	<0.3	<0.3
	Potassium (Filtered)	mg/L	0.05	0.7	0.68 - 0.7	0.67
	Selenium (Filtered)	mg/L	0.0001	<0.0001	<0.0001	<0.0001
	Silicon (Filtered)	µg/L	50	5050	4710 - 4730	4580
	Silver (Filtered)	mg/L	0.00001	<0.00001	<0.00001	<0.00001
	Sodium (Filtered)	mg/L	0.05	4.8	5.1 - 5.2	4.8
	Strontium (Filtered)	mg/L	0.0001	0.285	0.28 - 0.284	0.299
	Thallium (Filtered)	mg/L	0.00005	<0.00005	<0.00005	<0.00005
	Tin (Filtered)	mg/L	0.0001	<0.0001	<0.0001	<0.0001
	Titanium (Filtered)	mg/L	0.0003	<0.0003	<0.0003	<0.0003
	Uranium (Filtered)	µg/L	0.01	0.708	0.665 - 0.67	0.682
	Vanadium (Filtered)	mg/L	0.0001	<0.0001	<0.0001 - 0.0001	<0.0001
	Zinc (Filtered)	mg/L	0.001	<0.001	<0.001	<0.001
Organic / Inorganic Carbon	Carbon	mg/L	1	4.5	4.1 - 4.4	4.2
	Dissolved Organic Carbon (Filtered)	mg/L	1	4.7	4.5 - 5	4.6
Organic Parameters	Naphthene Acid	mg/L	1	<1	<1	<1
	Dissolved Oxygen (Filtered)	mg/L	0.5			
Physical Tests	TDS (Filtered)	mg/L	10	245	234 - 235	236
	Total Suspended Solids	mg/L	3	<3	<3	<3
	Turbidity	NTU	0.1	2.43	1.65 - 1.78	1.74
						1.69
Polycyclic Aromatic Hydrocarbons	Benzofluoranthene	mg/L	0.00001	<0.00001	<0.00001	<0.00001
	C4 Benzanthracenes/Chrysenes	µg/L	0.04	<0.04	<0.04	<0.04
	C4 Dibenzothiophenes	µg/L	0.04	<0.04	<0.04	<0.04
	C4 Fluoranthenes/Pyrenes	µg/L	0.04	<0.04	<0.04	<0.04
	C4 Naphthalenes	µg/L	0.04	<0.04	<0.04	<0.04
	C4 Phenanthrenes/Anthracenes	µg/L	0.04	<0.04	<0.04	<0.04
	1,1-Biphenyl	µg/L	0.01	<0.01	<0.01	<0.01
	1-Methylnaphthalene	µg/L	0.01	<0.01	<0.01	<0.01
	2-methylnaphthalene	µg/L	0.01	<0.01	<0.01	<0.01
	Acenaphthene	µg/L	0.01	<0.01	<0.01	<0.01
	Acenaphthylene	µg/L	0.01	<0.01	<0.01	<0.01
	Anthracene	µg/L	0.01	<0.04	<0.04	<0.04
	Benz(a)anthracene	µg/L	0.01	<0.01	<0.01	<0.01
	Benzof(a) pyrene	µg/L	0.01	<0.01	<0.01	<0.01
	Acridine	mg/L	0.00001	<0.00001	<0.00001	<0.00001

Notes
MDL - Method Detection Limit
- "Sample not analyzed for this parameter"
< - "result is less than the MDL. No detectable concentration was measured"
* EPA 247.7/245.1

OBED MOUNTAIN MINE
TABLE 2 PLANTE CREEK UPSTREAM (PLC-US)

Method Type	Chemical	Unit	MDL	Location	PLC-US	PLC-US	PLC-US	PLC-US
				Date	22-Nov-13	24-Nov-13	25-Nov-13	26-Nov-13
Method Type	Benzo(e)pyrene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo(g,h,i)perylene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Benzo(k)fluoranthene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	C1 Acenaphthenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C1 Benz(a)Anthracenes/Chrysenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C1 Benzofluoranthenes/Benzopyrenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	Chrysene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	C1 Biphenyls	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C1 Dibenzothiophenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C1 Fluoranthenes/Pyrenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C1 Fluorenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C1 Phenanthrenes/Anthracenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	Dibenz(a,h)anthracene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Dibenzothiophene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Fluoranthene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Fluorene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Indeno(1,2,3-c,d)pyrene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Naphthalene	µg/L	0.05	<0.05	<0.05	<0.05	<0.05	
	Perylene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Phenanthrene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Pyrene	µg/L	0.01	<0.04	<0.04	<0.04	<0.04	
	Quinoline	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	Retene	µg/L	0.01	<0.01	<0.01	<0.01	<0.01	
	C2 Benz(a)Anthracenes/Chrysenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Benzofluoranthenes/Benzopyrenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Biphenyls	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Dibenzothiophenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Fluoranthenes/Pyrenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Naphthalenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Phenanthrenes/Anthracenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C2 Fluorenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C3 Benzanthracenes/Chrysenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C3 Dibenzothiophenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C3 Fluoranthenes/Pyrenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C3 Fluorenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C3 Naphthalenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	C3 Phenanthrenes/Anthracenes	µg/L	0.04	<0.04	<0.04	<0.04	<0.04	
	Total Metals	Aluminium	mg/L	0.003	0.0109	0.0074 - 0.0122	0.0067	0.0078
		Antimony	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001
		Arsenic	mg/L	0.0001	0.00037	0.00034 - 0.00035	0.00035	0.00034
		Barium	mg/L	0.00005	0.0704	0.0665 - 0.0668	0.0666	0.0621
		Beryllium	mg/L	0.0005	<0.0005	<0.0005	<0.0005	<0.0005
		Bismuth	mg/L	0.00005	<0.00005	<0.00005	<0.00005	<0.00005
		Boron (hot water ext)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01
		Cadmium	mg/L	0.0001	<0.00001	<0.00001	<0.00001	<0.00001
Calcium		mg/L	0.02	65.9	61.5 - 65.2	64.8	60.1	
Chromium (III+VI)		mg/L	0.0001	0.00011	<0.0001	<0.0001	<0.0001	
Cobalt		mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Copper		mg/L	0.0001	0.00068	0.00011 - 0.00029	0.00014	<0.0001	
Iron		mg/L	0.01	0.364	0.347 - 0.388	0.36	0.354	
Lead		mg/L	0.00005	<0.00005	<0.00005	<0.00005	<0.00005	
Lithium		mg/L	0.005	<0.005	<0.005	<0.005	<0.005	
Magnesium		mg/L	0.005	14.5	14.7	15.1	13.8	
Manganese		mg/L	0.00005	0.0369	0.0362 - 0.037	0.0372	0.0355	
Mercury		µg/L	0.0005	0.00061	<0.0005	<0.0005	<0.0005	
Molybdenum		mg/L	0.00005	0.000486	0.000418 - 0.000521	0.000374	0.000351	
Nickel		mg/L	0.0001	0.0004	0.00028 - 0.00033	0.0003	0.00032	
Phosphorus		mg/L	0.3	<0.3	<0.3	<0.3	<0.3	
Potassium		mg/L	0.05	0.678	0.677 - 0.68	0.664	0.733	
Selenium		mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Silicon		µg/L	50	4500	4540 - 4600	4720	4790	
Silver		mg/L	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Sodium		mg/L	0.05	4.94	4.82 - 4.93	5.04	4.82	
Strontium		mg/L	0.0001	0.291	0.279 - 0.31	0.275	0.264	
Thallium	mg/L	0.00005	<0.00005	<0.00005	<0.00005	<0.00005		
Tin	mg/L	0.0001	0.00015	<0.0001	<0.0001	<0.0001		
Titanium	mg/L	0.0003	<0.0003	0.00032 - 0.00043	<0.0003	<0.0003		
Uranium	µg/L	0.01	0.725	0.67 - 0.705	0.696	0.707		
Vanadium	mg/L	0.0001	0.0002	0.00012 - 0.0002	0.00012	0.00015		
Zinc	mg/L	0.003	0.0032	<0.003	<0.003	<0.003		
Volatile Organic Compounds	1,1,1-trichloroethane	µg/L	1	<1	<1	<1	<1	
	1,1,2,2-tetrachloroethane	µg/L	20	<20	<20	<20	<20	
	1,1,2-trichloroethane	µg/L	2	<2	<2	<2	<2	
	1,1-dichloroethane	µg/L	1	<1	<1	<1	<1	
	1,1-dichloroethane	µg/L	1	<1	<1	<1	<1	
	1,2,3-trichloropropane	µg/L	1	<1	<1	<1	<1	
	1,2-dibromoethane	µg/L	1	<1	<1	<1	<1	
1,2-dichlorobenzene	µg/L	1	<1	<1	<1	<1		

Notes
MDL - Method Detection Limit
- "Sample not analyzed for this parameter"
< - "result is less than the MDL. No detectable concentration was measured"
* EPA 247.7/245.1

OBED MOUNTAIN MINE
TABLE 2 PLANTE CREEK UPSTREAM (PLC-US)

Method Type	Chemical	Unit	MDL	Location	PLC-US	PLC-US	PLC-US	PLC-US
				Date	22-Nov-13	24-Nov-13	25-Nov-13	26-Nov-13
	1,2-dichloroethane	µg/L	2		<2	<2	<2	<2
	1,2-dichloropropane	µg/L	2		<2	<2	<2	<2
	1,3-dichlorobenzene	µg/L	1		<1	<1	<1	<1
	1,4-dichlorobenzene	µg/L	1		<1	<1	<1	<1
	Methyl Ethyl Ketone	µg/L	100		<100	<100	<100	<100
	2-hexanone (MBK)	µg/L	10		<10	<10	<10	<10
	4-Methyl-2-pentanone	µg/L	10		<10	<10	<10	<10
	Acetone	mg/L	0.1		<0.1	<0.1	<0.1	<0.1
	Acrolein	µg/L	100		<100	<100	<100	<100
	Acrylonitrile	µg/L	100		<100	<100	<100	<100
	Benzene	mg/L	0.0005		<0.001	<0.001	<0.001	<0.001
	Toluene	mg/L	0.0005		<0.001	<0.001	<0.001	<0.001
	Bromodichloromethane	µg/L	1		<1	<1	<1	<1
	Bromofom	µg/L	3		<3	<3	<3	<3
	Bromomethane	µg/L	10		<10	<10	<10	<10
	Carbon disulfide	µg/L	1		<1	<1	<1	<1
	Carbon tetrachloride	µg/L	1		<1	<1	<1	<1
	Chlorobenzene	µg/L	1		<1	<1	<1	<1
	Chlorodibromomethane	µg/L	3		<3	<3	<3	<3
	Chloroethane	µg/L	10		<10	<10	<10	<10
	Chloroform	µg/L	1		<1	<1	<1	<1
	Chloromethane	µg/L	10		<10	<10	<10	<10
	cis-1,2-dichloroethene	µg/L	1		<1	<1	<1	<1
	cis-1,3-dichloropropene	µg/L	1		<1	<1	<1	<1
	cis-1,4-Dichloro-2-butene	µg/L	10		<10	<10	<10	<10
	Dibromomethane	µg/L	3		<3	<3	<3	<3
	Dichlorodifluoromethane	µg/L	3		<3	<3	<3	<3
	Dichloromethane	µg/L	1		<1	<1	<1	<1
	Ethanol	µg/L	300		<300	<300	<300	<300
	Ethyl methacrylate	µg/L	10		<10	<10	<10	<10
	Ethylbenzene	mg/L	0.0005		<0.001	<0.001	<0.001	<0.001
	Xylene (m & p)	mg/L	0.0005		<0.001	<0.001	<0.001	<0.001
	Xylene (o)	mg/L	0.0005		<0.001	<0.001	<0.001	<0.001
	Xylenes Total	µg/L	0.71		-	-	-	-
	Iodomethane	µg/L	1		<1	<1	<1	<1
	Styrene	µg/L	1		<1	<1	<1	<1
	Trichloroethene	µg/L	1		<1	<1	<1	<1
	Tetrachloroethene	µg/L	1		<1	<1	<1	<1
	trans-1,2-dichloroethene	µg/L	1		<1	<1	<1	<1
	trans-1,3-dichloropropene	µg/L	1		<1	<1	<1	<1
	trans-1,4-Dichloro-2-butene	µg/L	10		<10	<10	<10	<10
	Trichlorofluoromethane	µg/L	1		<1	<1	<1	<1
	Vinyl acetate	µg/L	100		<100	<100	<100	<100
	Vinyl chloride	µg/L	2		<2	<2	<2	<2

Notes
MDL - Method Detection Limit
- "Sample not analyzed for this parameter"
< - "result is less than the MDL. No detectable concentration was measured"
* EPA 247.7/245.1