Appendix B Effluent and Soil Lab Results

ALS Lab Work Orders:

L420839 2006 Effluent and Soil Sample Results

L516797 2007 Effluent Sample Results

L527067 2007 Effluent Sample Results

L524586 2007 Effluent Sample Results

L654816 2008 Effluent Sample Results

L703160 2008 Soil Sample Results

PRELIMINARY RESULTS

MIRAMAR HOPE BAY LTD

ATTN: MATT KAWEI

Reported On: 20-AUG-06 11:24 AM

300, 889 HARBOURSIDE DRIVE

NORTH VANCOUVER BC V7P 3S1

Lab Work Order #: **L420839**

Date Received: **11-AUG-06**

Project P.O. #:

Job Reference:

Legal Site Desc:

CofC Numbers: 74422, 74423, 74426

Other Information:

Comments:

ROY JONES
General Manager

For any questions about this report please contact your Account Manager:

JENNIFER DARRAH

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-1 WINDY CAMP LTA								
Sampled By: APRIL on 04-AUG-06 @ 17:30								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	112		0.5	mg/L		14-AUG-06	SYF	R430268
Potassium (K)	21.2		0.1	mg/L		14-AUG-06	SYF	R430268
Magnesium (Mg)	78.1		0.1	mg/L		14-AUG-06	SYF	R430268
Sodium (Na)	287		1	mg/L		14-AUG-06	SYF	R430268
Iron (Fe)	2.23		0.005	mg/L		14-AUG-06	SYF	R430268
Manganese (Mn)	0.289		0.001	mg/L		14-AUG-06	SYF	R430268
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	1.34		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0516		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	0.68		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0445		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	0.0028		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0104		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.046		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0098		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	0.0162		0.0002	mg/L		15-AUG-06	QLI	R430691
Lead (Pb)	0.0013		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0036		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0089		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	0.0024		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.403		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	0.082		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0021		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0214		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	0.013		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	652		1	mg/L		14-AUG-06	EOC	R430262
Fluoride (F)	0.17		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	130		0.5	mg/L		14-AUG-06	JWU	R430125
Potassium (K)	21.9		0.5	mg/L		14-AUG-06	JWU	R430125
Magnesium (Mg)	95.4		0.1	mg/L		14-AUG-06	JWU	R430125
Sodium (Na)	315		1	mg/L		14-AUG-06	JWU	R430125
Sulfate (SO4)	246		0.5	mg/L		14-AUG-06	JWU	R430125
Ion Balance Calculation								
Ion Balance	102			%		15-AUG-06		
TDS (Calculated)	1590			mg/L		15-AUG-06		
Hardness (as CaCO3)	717			mg/L		15-AUG-06		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-1 WINDY CAMP LTA								
Sampled By: APRIL on 04-AUG-06 @ 17:30								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrate-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrite-N	<0.05		0.05	mg/L		14-AUG-06	KMY	R430408
pH, Conductivity and Total Alkalinity								
pH	8.3		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	2540		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	274		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	224		5	mg/L		12-AUG-06	PTT	R429805
L420839-2 WINDY CAMP LTA-SOUTH								
Sampled By: APRIL on 04-AUG-06 @ 17:42								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.6		0.5	mg/L		14-AUG-06	SYF	R430268
Potassium (K)	3.8		0.1	mg/L		14-AUG-06	SYF	R430268
Magnesium (Mg)	9.1		0.1	mg/L		14-AUG-06	SYF	R430268
Sodium (Na)	52		1	mg/L		14-AUG-06	SYF	R430268
Iron (Fe)	0.186		0.005	mg/L		14-AUG-06	SYF	R430268
Manganese (Mn)	0.006		0.001	mg/L		14-AUG-06	SYF	R430268
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	0.23		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0009		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	0.09		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0044		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0031		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.002		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0007		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	0.0004		0.0002	mg/L		15-AUG-06	QLI	R430691
Lead (Pb)	0.0003		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0007		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0032		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.0585		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	0.013		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0038		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	<0.004		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-2 WINDY CAMP LTA-SOUTH								
Sampled By: APRIL on 04-AUG-06 @ 17:42								
Matrix: WATER								
BTEX and F1 (C6-C10)								
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	98		1	mg/L		17-AUG-06	EOC	R431636
Fluoride (F)	0.07		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	11.9		0.5	mg/L		17-AUG-06	EOC	R431610
Potassium (K)	3.8		0.5	mg/L		17-AUG-06	EOC	R431610
Magnesium (Mg)	9.9		0.1	mg/L		17-AUG-06	EOC	R431610
Sodium (Na)	52		1	mg/L		17-AUG-06	EOC	R431610
Sulfate (SO4)	9.0		0.5	mg/L		17-AUG-06	EOC	R431610
Ion Balance Calculation								
Ion Balance	94.9			%		18-AUG-06		
TDS (Calculated)	215			mg/L		18-AUG-06		
Hardness (as CaCO3)	70			mg/L		18-AUG-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		18-AUG-06	KMY	R432093
Nitrate-N	<0.1		0.1	mg/L		18-AUG-06	KMY	R432093
Nitrite-N	<0.05		0.05	mg/L		18-AUG-06	KMY	R432093
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	433		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	62		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	51		5	mg/L		12-AUG-06	PTT	R429805
L420839-3 WINDY CAMP LTA-NORTH								
Sampled By: APRIL on 04-AUG-06 @ 17:38								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.1		0.5	mg/L		14-AUG-06	SYF	R430268
Potassium (K)	3.8		0.1	mg/L		14-AUG-06	SYF	R430268
Magnesium (Mg)	8.7		0.1	mg/L		14-AUG-06	SYF	R430268
Sodium (Na)	51		1	mg/L		14-AUG-06	SYF	R430268
Iron (Fe)	0.084		0.005	mg/L		14-AUG-06	SYF	R430268
Manganese (Mn)	0.003		0.001	mg/L		14-AUG-06	SYF	R430268
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	0.10		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0010		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	0.10		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0031		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0027		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0006		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	0.0003		0.0002	mg/L		15-AUG-06	QLI	R430691

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-3 WINDY CAMP LTA-NORTH								
Sampled By: APRIL on 04-AUG-06 @ 17:38								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Lead (Pb)	0.0003		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0008		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0031		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.0558		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	0.006		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0030		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	<0.004		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	99		1	mg/L		14-AUG-06	EOC	R430262
Fluoride (F)	0.07		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	13.5		0.5	mg/L		14-AUG-06	JWU	R430125
Potassium (K)	4.1		0.5	mg/L		14-AUG-06	JWU	R430125
Magnesium (Mg)	10.8		0.1	mg/L		14-AUG-06	JWU	R430125
Sodium (Na)	59		1	mg/L		14-AUG-06	JWU	R430125
Sulfate (SO4)	8.7		0.5	mg/L		14-AUG-06	JWU	R430125
Ion Balance Calculation								
Ion Balance	106			%		15-AUG-06		
TDS (Calculated)	225			mg/L		15-AUG-06		
Hardness (as CaCO3)	78			mg/L		15-AUG-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrate-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrite-N	<0.05		0.05	mg/L		14-AUG-06	KMY	R430408
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	428		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	61		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	50		5	mg/L		12-AUG-06	PTT	R429805
L420839-4 WINDY CAMP LTA-IMPACT AREA								
Sampled By: APRIL on 04-AUG-06 @ 17:35								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.2		0.5	mg/L		14-AUG-06	SYF	R430268
Potassium (K)	3.7		0.1	mg/L		14-AUG-06	SYF	R430268
Magnesium (Mg)	8.8		0.1	mg/L		14-AUG-06	SYF	R430268
Sodium (Na)	51		1	mg/L		14-AUG-06	SYF	R430268

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-4 WINDY CAMP LTA-IMPACT AREA								
Sampled By: APRIL on 04-AUG-06 @ 17:35								
Matrix: WATER								
Total Metals								
Total Major Metals								
Iron (Fe)	0.094		0.005	mg/L		14-AUG-06	SYF	R430268
Manganese (Mn)	0.005		0.001	mg/L		14-AUG-06	SYF	R430268
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	0.11		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0010		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	1.05		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0031		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0029		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0007		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Lead (Pb)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0008		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0035		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.0563		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	0.006		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0034		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	<0.004		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	99		1	mg/L		14-AUG-06	EOC	R430262
Fluoride (F)	0.07		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	13.2		0.5	mg/L		14-AUG-06	JWU	R430125
Potassium (K)	4.1		0.5	mg/L		14-AUG-06	JWU	R430125
Magnesium (Mg)	10.6		0.1	mg/L		14-AUG-06	JWU	R430125
Sodium (Na)	59		1	mg/L		14-AUG-06	JWU	R430125
Sulfate (SO4)	8.0		0.5	mg/L		14-AUG-06	JWU	R430125
Ion Balance Calculation								
Ion Balance	106			%		15-AUG-06		
TDS (Calculated)	225			mg/L		15-AUG-06		
Hardness (as CaCO3)	77			mg/L		15-AUG-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrate-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrite-N	<0.05		0.05	mg/L		14-AUG-06	KMY	R430408

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-4 WINDY CAMP LTA-IMPACT AREA								
Sampled By: APRIL on 04-AUG-06 @ 17:35								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	429		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	62		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	51		5	mg/L		12-AUG-06	PTT	R429805
L420839-5 WINDY CAMP LTA #A								
Sampled By: APRIL on 05-AUG-06 @ 09:31								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	100		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	151		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	180	RAMB	5	mg/kg		18-AUG-06		
F3 (C16-C34)	560		5	mg/kg		18-AUG-06		
F4 (C34-C50)	160		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	900		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		
% Moisture	16		0.1	%		14-AUG-06	HMB	R430313
L420839-6 WINDY CAMP LTA #B								
Sampled By: APRIL on 05-AUG-06 @ 09:35								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	92		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	117		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	44	RAMB	5	mg/kg		18-AUG-06		
F3 (C16-C34)	230	RAMB	5	mg/kg		18-AUG-06		
F4 (C34-C50)	100		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	370		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-6 WINDY CAMP LTA #B								
Sampled By: APRIL on 05-AUG-06 @ 09:35								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
% Moisture	14		0.1	%		14-AUG-06	HMB	R430313
L420839-7 WINDY CAMP LTA #C								
Sampled By: APRIL on 05-AUG-06 @ 09:38								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01	RAMB	0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	101		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	157		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	130	RAMB	5	mg/kg		18-AUG-06		
F3 (C16-C34)	760		5	mg/kg		18-AUG-06		
F4 (C34-C50)	290		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	1200		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		
% Moisture	25		0.1	%		14-AUG-06	HMB	R430313
L420839-8 WINDY CAMP LTA #D								
Sampled By: APRIL on 05-AUG-06 @ 09:43								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	87		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	127		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	320		5	mg/kg		18-AUG-06		
F3 (C16-C34)	490		5	mg/kg		18-AUG-06		
F4 (C34-C50)	130		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	940		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		
% Moisture	14		0.1	%		14-AUG-06	HMB	R430313

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-9 WINDY CAMP LTA #E								
Sampled By: APRIL on 05-AUG-06 @ 09:48								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	105		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	153		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	60	RAMB	5	mg/kg		18-AUG-06		
F3 (C16-C34)	420		5	mg/kg		18-AUG-06		
F4 (C34-C50)	160		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	640		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		
% Moisture	15		0.1	%		14-AUG-06	HMB	R430313
L420839-10 WINDY CAMP LTA #F								
Sampled By: APRIL on 05-AUG-06 @ 09:51								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	0.02		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01	RAMB	0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	0.13		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	89		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	114		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	380		5	mg/kg		18-AUG-06		
F3 (C16-C34)	310	RAMB	5	mg/kg		18-AUG-06		
F4 (C34-C50)	84		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	770		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		
% Moisture	10		0.1	%		14-AUG-06	HMB	R430313
L420839-11 WINDY CAMP LTA #G								
Sampled By: APRIL on 05-AUG-06 @ 09:55								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-11 WINDY CAMP LTA #G								
Sampled By: APRIL on 05-AUG-06 @ 09:55								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	102		33-172	%	17-AUG-06	17-AUG-06	AAT	R431984
Surr: Hexatriacontane	157		44-173	%	17-AUG-06	17-AUG-06	AAT	R431984
Prep/Analysis Dates					17-AUG-06	17-AUG-06	AAT	R431984
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		18-AUG-06		
F1-BTEX	<5		5	mg/kg		18-AUG-06		
F2 (C10-C16)	210	RAMB	5	mg/kg		18-AUG-06		
F3 (C16-C34)	640		5	mg/kg		18-AUG-06		
F4 (C34-C50)	250		5	mg/kg		18-AUG-06		
Total Hydrocarbons (C6-C50)	1100		5	mg/kg		18-AUG-06		
Chromatogram to baseline at nC50	NO					18-AUG-06		
% Moisture	26		0.1	%		14-AUG-06	HMB	R430313
L420839-12 WINDY CAMP LTA #H								
Sampled By: APRIL on 05-AUG-06 @ 10:30								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	102		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	106		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	46		5	mg/kg		20-AUG-06		
F3 (C16-C34)	100	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	26		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	170		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	11		0.1	%		14-AUG-06	HMB	R430313
L420839-13 WINDY CAMP LTA #I								
Sampled By: APRIL on 05-AUG-06 @ 10:34								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	121		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	109		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-13 WINDY CAMP LTA #I								
Sampled By: APRIL on 05-AUG-06 @ 10:34								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	950	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	860	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	63	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	1900		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	13		0.1	%		14-AUG-06	HMB	R430313
L420839-14 WINDY CAMP LTA #J								
Sampled By: APRIL on 05-AUG-06 @ 10:34								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	98		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	92		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	310		5	mg/kg		20-AUG-06		
F3 (C16-C34)	170	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	31		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	510		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	21		0.1	%		14-AUG-06	HMB	R430313
L420839-15 WINDY CAMP LTA #K								
Sampled By: APRIL on 05-AUG-06 @ 10:44								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	108		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	103		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	31		5	mg/kg		20-AUG-06		
F3 (C16-C34)	150	RAMB	5	mg/kg		20-AUG-06		

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-15 WINDY CAMP LTA #K								
Sampled By: APRIL on 05-AUG-06 @ 10:44								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Hydrocarbons								
F4 (C34-C50)	48		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	230		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	20		0.1	%		14-AUG-06	HMB	R430313
L420839-16 WINDY CAMP LTA #L								
Sampled By: APRIL on 05-AUG-06 @ 10:47								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	114		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	102		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	10		5	mg/kg		20-AUG-06		
F3 (C16-C34)	69	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	32		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	110		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	12		0.1	%		14-AUG-06	HMB	R430313
L420839-17 147-A								
Sampled By: APRIL on 07-AUG-06 @ 09:45								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	68		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	93		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	20		5	mg/kg		20-AUG-06		
F3 (C16-C34)	69	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	31		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	120		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-17 147-A								
Sampled By: APRIL on 07-AUG-06 @ 09:45								
Matrix: SOIL								
% Moisture	19		0.1	%		14-AUG-06	HMB	R430313
L420839-18 147-B								
Sampled By: APRIL on 07-AUG-06 @ 09:49								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	134		33-172	%	17-AUG-06	18-AUG-06	MKE	R432244
Surr: Hexatriacontane	116		44-173	%	17-AUG-06	18-AUG-06	MKE	R432244
Prep/Analysis Dates					17-AUG-06	18-AUG-06	MKE	R432244
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	<5		5	mg/kg		20-AUG-06		
F3 (C16-C34)	9	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	<5		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	9		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	YES					20-AUG-06		
% Moisture	14		0.1	%		14-AUG-06	HMB	R430313
L420839-19 2003-2B								
Sampled By: APRIL on 07-AUG-06 @ 09:27								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	123		33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	111		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	16		5	mg/kg		20-AUG-06		
F3 (C16-C34)	140	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	16		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	170		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	12		0.1	%		14-AUG-06	HMB	R430313
L420839-20 2003-2A								
Sampled By: APRIL on 07-AUG-06 @ 09:25								
Matrix: SOIL								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-20 2003-2A								
Sampled By: APRIL on 07-AUG-06 @ 09:25								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	107		33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	118		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	19	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	500	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	120	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	640		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	22		0.1	%		14-AUG-06	HMB	R430313
L420839-21 2003-1A								
Sampled By: APRIL on 07-AUG-06 @ 09:12								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	108		33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	226	SOL:MI	44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	430	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	2000	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	300	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	2700		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	19		0.1	%		14-AUG-06	HMB	R430313
L420839-22 2003-1B								
Sampled By: APRIL on 07-AUG-06 @ 09:14								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-22 2003-1B								
Sampled By: APRIL on 07-AUG-06 @ 09:14								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	117		33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	121		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	32	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	440	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	68	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	540		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	11		0.1	%		14-AUG-06	HMB	R430313
L420839-23 2005-1A								
Sampled By: APRIL on 07-AUG-06 @ 09:27								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	0.02		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	8.6		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	380	SOL:MI	33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	143		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	860	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	850		5	mg/kg		20-AUG-06		
F2 (C10-C16)	10000	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	2500	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	72	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	13000		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	20		0.1	%		14-AUG-06	HMB	R430313
L420839-24 2005-1B								
Sampled By: APRIL on 07-AUG-06 @ 09:30								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	8.7		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	188	SOL:MI	33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	99		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-24 2005-1B								
Sampled By: APRIL on 07-AUG-06 @ 09:30								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Hydrocarbons								
F1 (C6-C10)	690	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	680		5	mg/kg		20-AUG-06		
F2 (C10-C16)	3600	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	1000	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	28	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	5300		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	11		0.1	%		14-AUG-06	HMB	R430313
L420839-25 WALMART #1								
Sampled By: APRIL P. on 07-AUG-06 @ 09:40								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	111		33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	139		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	32	IPC	5	mg/kg		20-AUG-06		
F3 (C16-C34)	1500	IPC	5	mg/kg		20-AUG-06		
F4 (C34-C50)	190	IPC	5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	1700		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	34		0.1	%		14-AUG-06	HMB	R430313
L420839-26 LAKE NORTH END								
Sampled By: APRIL P. on 07-AUG-06 @ 13:40								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.5		0.5	mg/L		17-AUG-06	SYF	R431645
Potassium (K)	3.7		0.1	mg/L		17-AUG-06	SYF	R431645
Magnesium (Mg)	9.0		0.1	mg/L		17-AUG-06	SYF	R431645
Sodium (Na)	50		1	mg/L		17-AUG-06	SYF	R431645
Iron (Fe)	0.048		0.005	mg/L		17-AUG-06	SYF	R431645
Manganese (Mn)	0.002		0.001	mg/L		17-AUG-06	SYF	R431645
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	0.07		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0010		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	0.09		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0033		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-26 LAKE NORTH END								
Sampled By: APRIL P. on 07-AUG-06 @ 13:40								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0030		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0007		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Lead (Pb)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0008		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0038		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.0589		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	<0.005		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0035		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	<0.004		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	97		1	mg/L		17-AUG-06	EOC	R431636
Fluoride (F)	0.07		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	13.1		0.5	mg/L		14-AUG-06	JWU	R430125
Potassium (K)	4.1		0.5	mg/L		14-AUG-06	JWU	R430125
Magnesium (Mg)	10.5		0.1	mg/L		14-AUG-06	JWU	R430125
Sodium (Na)	59		1	mg/L		14-AUG-06	JWU	R430125
Sulfate (SO4)	8.2		0.5	mg/L		14-AUG-06	JWU	R430125
Ion Balance Calculation								
Ion Balance	107			%		17-AUG-06		
TDS (Calculated)	222			mg/L		17-AUG-06		
Hardness (as CaCO3)	76			mg/L		17-AUG-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrate-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrite-N	<0.05		0.05	mg/L		14-AUG-06	KMY	R430408
pH, Conductivity and Total Alkalinity								
pH	8.0		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	428		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	61		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	50		5	mg/L		12-AUG-06	PTT	R429805

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-27 WINDY LAKE-SOUTH								
Sampled By: APRIL P. on 07-AUG-06 @ 13:20								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.4		0.5	mg/L		14-AUG-06	SYF	R430268
Potassium (K)	3.7		0.1	mg/L		14-AUG-06	SYF	R430268
Magnesium (Mg)	9.1		0.1	mg/L		14-AUG-06	SYF	R430268
Sodium (Na)	52		1	mg/L		14-AUG-06	SYF	R430268
Iron (Fe)	0.066		0.005	mg/L		14-AUG-06	SYF	R430268
Manganese (Mn)	0.002		0.001	mg/L		14-AUG-06	SYF	R430268
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	0.09		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0009		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	0.09		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0034		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0030		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0006		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Lead (Pb)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0008		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0032		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.0568		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	<0.005		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0037		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	<0.004		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	99		1	mg/L		14-AUG-06	EOC	R430262
Fluoride (F)	0.07		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	13.1		0.5	mg/L		14-AUG-06	JWU	R430125
Potassium (K)	4.0		0.5	mg/L		14-AUG-06	JWU	R430125
Magnesium (Mg)	10.7		0.1	mg/L		14-AUG-06	JWU	R430125
Sodium (Na)	59		1	mg/L		14-AUG-06	JWU	R430125
Sulfate (SO4)	8.3		0.5	mg/L		14-AUG-06	JWU	R430125
Ion Balance Calculation								
Ion Balance	105			%		15-AUG-06		
TDS (Calculated)	225			mg/L		15-AUG-06		
Hardness (as CaCO3)	77			mg/L		15-AUG-06		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-27 WINDY LAKE-SOUTH								
Sampled By: APRIL P. on 07-AUG-06 @ 13:20								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrate-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrite-N	<0.05		0.05	mg/L		14-AUG-06	KMY	R430408
pH, Conductivity and Total Alkalinity								
pH	8.0		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	429		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	62		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	51		5	mg/L		12-AUG-06	PTT	R429805
L420839-28 LAKE CENTRAL								
Sampled By: APRIL P. on 07-AUG-06 @ 13:30								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.3		0.5	mg/L		14-AUG-06	SYF	R430268
Potassium (K)	3.6		0.1	mg/L		14-AUG-06	SYF	R430268
Magnesium (Mg)	9.1		0.1	mg/L		14-AUG-06	SYF	R430268
Sodium (Na)	51		1	mg/L		14-AUG-06	SYF	R430268
Iron (Fe)	0.044		0.005	mg/L		14-AUG-06	SYF	R430268
Manganese (Mn)	0.002		0.001	mg/L		14-AUG-06	SYF	R430268
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Aluminum (Al)	0.07		0.02	mg/L		15-AUG-06	QLI	R430691
Arsenic (As)	0.0009		0.0004	mg/L		15-AUG-06	QLI	R430691
Boron (B)	0.08		0.02	mg/L		15-AUG-06	QLI	R430691
Barium (Ba)	0.0032		0.0002	mg/L		15-AUG-06	QLI	R430691
Beryllium (Be)	<0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Cobalt (Co)	<0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Chromium (Cr)	0.0029		0.0008	mg/L		15-AUG-06	QLI	R430691
Copper (Cu)	0.001		0.001	mg/L		15-AUG-06	QLI	R430691
Molybdenum (Mo)	0.0006		0.0001	mg/L		15-AUG-06	QLI	R430691
Nickel (Ni)	0.0002		0.0002	mg/L		15-AUG-06	QLI	R430691
Lead (Pb)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Antimony (Sb)	0.0007		0.0004	mg/L		15-AUG-06	QLI	R430691
Selenium (Se)	0.0035		0.0004	mg/L		15-AUG-06	QLI	R430691
Tin (Sn)	<0.0004		0.0004	mg/L		15-AUG-06	QLI	R430691
Strontium (Sr)	0.0567		0.0002	mg/L		15-AUG-06	QLI	R430691
Titanium (Ti)	<0.005		0.005	mg/L		15-AUG-06	QLI	R430691
Thallium (Tl)	<0.0001		0.0001	mg/L		15-AUG-06	QLI	R430691
Uranium (U)	0.0002		0.0001	mg/L		15-AUG-06	QLI	R430691
Vanadium (V)	0.0038		0.0002	mg/L		15-AUG-06	QLI	R430691
Zinc (Zn)	<0.004		0.004	mg/L		15-AUG-06	QLI	R430691
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-28 LAKE CENTRAL								
Sampled By: APRIL P. on 07-AUG-06 @ 13:30								
Matrix: WATER								
BTEX and F1 (C6-C10)								
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	99		1	mg/L		14-AUG-06	EOC	R430262
Fluoride (F)	0.07		0.05	mg/L		12-AUG-06	PTT	R429805
ICP metals and SO4 for routine water								
Calcium (Ca)	13.0		0.5	mg/L		14-AUG-06	JWU	R430125
Potassium (K)	3.9		0.5	mg/L		14-AUG-06	JWU	R430125
Magnesium (Mg)	10.5		0.1	mg/L		14-AUG-06	JWU	R430125
Sodium (Na)	58		1	mg/L		14-AUG-06	JWU	R430125
Sulfate (SO4)	8.1		0.5	mg/L		14-AUG-06	JWU	R430125
Ion Balance Calculation								
Ion Balance	104			%		15-AUG-06		
TDS (Calculated)	223			mg/L		15-AUG-06		
Hardness (as CaCO3)	76			mg/L		15-AUG-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrate-N	<0.1		0.1	mg/L		14-AUG-06	KMY	R430408
Nitrite-N	<0.05		0.05	mg/L		14-AUG-06	KMY	R430408
pH, Conductivity and Total Alkalinity								
pH	8.0		0.1	pH		12-AUG-06	PTT	R429805
Conductivity (EC)	429		0.2	uS/cm		12-AUG-06	PTT	R429805
Bicarbonate (HCO3)	61		5	mg/L		12-AUG-06	PTT	R429805
Carbonate (CO3)	<5		5	mg/L		12-AUG-06	PTT	R429805
Hydroxide (OH)	<5		5	mg/L		12-AUG-06	PTT	R429805
Alkalinity, Total (as CaCO3)	50		5	mg/L		12-AUG-06	PTT	R429805
L420839-29 WINDY TF-SW								
Sampled By: APRIL P. on 08-AUG-06 @ 09:20								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005	RAMB	0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	0.0024		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
L420839-30 WINDY TF-CENTRE								
Sampled By: APRIL P. on 08-AUG-06 @ 09:22								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Toluene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
EthylBenzene	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
Xylenes	<0.0005		0.0005	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1(C6-C10)	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821
F1-BTEX	<0.1		0.1	mg/L	12-AUG-06	12-AUG-06	SCM	R429821

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-31 WINDY TF-SW2								
Sampled By: APRIL P. on 08-AUG-06 @ 09:25								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	122		33-172	%	18-AUG-06	18-AUG-06	MKE	R432237
Surr: Hexatriacontane	111		44-173	%	18-AUG-06	18-AUG-06	MKE	R432237
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432237
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	37		5	mg/kg		20-AUG-06		
F3 (C16-C34)	130	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	32		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	200		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	8.1		0.1	%		14-AUG-06	HMB	R430313
L420839-32 WINDY TF-CENTRE 2								
Sampled By: APRIL P. on 08-AUG-06 @ 09:26								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	112		33-172	%	18-AUG-06	18-AUG-06	MKE	R432238
Surr: Hexatriacontane	115		44-173	%	18-AUG-06	18-AUG-06	MKE	R432238
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432238
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	410		5	mg/kg		20-AUG-06		
F3 (C16-C34)	110	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	48		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	570		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	26		0.1	%		14-AUG-06	HMB	R430313
L420839-33 WINDY TF-NW								
Sampled By: APRIL P. on 08-AUG-06 @ 09:29								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Toluene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Ethylbenzene	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420
Xylenes	<0.01		0.01	mg/kg	14-AUG-06	14-AUG-06	SCM	R430420

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L420839-33 WINDY TF-NW								
Sampled By: APRIL P. on 08-AUG-06 @ 09:29								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	115		33-172	%	18-AUG-06	18-AUG-06	MKE	R432238
Surr: Hexatriacontane	111		44-173	%	18-AUG-06	18-AUG-06	MKE	R432238
Prep/Analysis Dates					18-AUG-06	18-AUG-06	MKE	R432238
CCME Total Hydrocarbons								
F1 (C6-C10)	<5	IPT	5	mg/kg		20-AUG-06		
F1-BTEX	<5		5	mg/kg		20-AUG-06		
F2 (C10-C16)	<5	RAMB	5	mg/kg		20-AUG-06		
F3 (C16-C34)	48	RAMB	5	mg/kg		20-AUG-06		
F4 (C34-C50)	18		5	mg/kg		20-AUG-06		
Total Hydrocarbons (C6-C50)	66		5	mg/kg		20-AUG-06		
Chromatogram to baseline at nC50	NO					20-AUG-06		
% Moisture	13		0.1	%		14-AUG-06	HMB	R430313

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Qualifiers for Individual Samples Listed:

Sample Numbe	Client ID	Qualifier	Description
L420839-12	WINDY CAMP LTA #H	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-14	WINDY CAMP LTA #J	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-15	WINDY CAMP LTA #K	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-16	WINDY CAMP LTA #L	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-17	147-A	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-18	147-B	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-19	2003-2B	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-31	WINDY TF-SW2	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-32	WINDY TF-CENTRE 2	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
L420839-33	WINDY TF-NW	IPC	TEH-CCME-ED F2-F4 - Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.

Sample Parameter Qualifier key listed:

Qualifier	Description
IPC	Instrument performance not showing the C50 response factor within 30% of the average of C10, C16 & C34 response factors.
IPT	Instrument performance showing response factors for C6 and C10 not within 30% of the response factor for toluene.
RAMB	Result Adjusted For Method Blank
SOL:MI	Surrogate recovery outside acceptable limits due to matrix interference

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BTX,F1-ED	Water	BTEX and F1 (C6-C10)	EPA 5030	EPA 5030/8015&8260-P&T GC-MS & FID
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-BTX,TVH-CCME-ED	Soil	CCME BTEX		CCME CWS-PHC Dec-2000 - Pub# 1310
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
ETL-TEH-CCME-ED	Soil	CCME Total Extractable Hydrocarbons		CCME CWS-PHC Dec-2000 - Pub# 1310
ETL-TVH,TEH-CCME-ED	Soil	CCME Total Hydrocarbons		CCME CWS-PHC Dec-2000 - Pub# 1310

Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.

Hydrocarbon results are expressed on a dry weight basis.

In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.

In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
3. Linearity of gasoline response within 15% throughout the calibration range.

Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

F-ED	Water	Fluoride (F)		APHA 4500 F-C-Electrode

Reference Information

IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3H-Colorimetry
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320
PREP-MOISTURE-ED	Soil	% Moisture		Oven dry 105C-Gravimetric

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

74422 74423 74426

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ANALYTICAL REPORT

MIRAMAR HOPE BAY LTD

ATTN: MATT KAWEI

300, 889 HARBOURSIDE DRIVE

NORTH VANCOUVER BC V7P 3S1

Reported On: 26-JUN-07 11:42 AM
Revision: 3

Lab Work Order #: **L516797** **Date Received:** **12-JUN-07**

Project P.O. #:
Job Reference: COMPLIANCE WATER SAMPLES
Legal Site Desc:
CofC Numbers:

Other Information:

Comments:

RON MINKS
Director, Western Canada Operations

For any questions about this report please contact your Account Manager:

JESSICA SPIRA

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-1 3 - SEWER POND								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	21.6		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	4.5		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	8.6		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	11		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	0.761		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.073		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	0.48		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0026		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.09		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0131		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0009		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0018		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.014		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0004		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0042		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0007		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0027		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0008		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0006		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0538		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.020		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0014		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.028		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F3 (C16-C34)	0.29		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F4 (C34-C50)	0.17		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	22		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	<0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	21.9		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	4.3		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	8.3		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	12		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	12.6		0.5	mg/L		15-JUN-07	EOC	R535811

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-1 3 - SEWER POND								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Ion Balance Calculation								
Ion Balance	101			%		16-JUN-07		
TDS (Calculated)	127			mg/L		16-JUN-07		
Hardness (as CaCO3)	89			mg/L		16-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.3		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	254		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	92		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	76		5	mg/L		14-JUN-07	CLT	R535605
L516797-2 4 - SAUNA LAKE								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	1.7		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	0.7		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	0.9		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	3		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	0.459		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.021		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	0.36		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	<0.02		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0045		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0005		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0012		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.003		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0009		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0005		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0008		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0006		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0082		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.016		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0010		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.011		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-2 4 - SAUNA LAKE								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	<0.06		0.06	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F3 (C16-C34)	0.29		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	4		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	<0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	1.3		0.5	mg/L		16-JUN-07	WYA	R536428
Potassium (K)	0.6		0.5	mg/L		16-JUN-07	WYA	R536428
Magnesium (Mg)	0.5		0.1	mg/L		16-JUN-07	WYA	R536428
Sodium (Na)	3		1	mg/L		16-JUN-07	WYA	R536428
Sulfate (SO4)	1.2		0.5	mg/L		16-JUN-07	WYA	R536428
Ion Balance Calculation								
Ion Balance	Low EC			%		17-JUN-07		
TDS (Calculated)	11			mg/L		17-JUN-07		
Hardness (as CaCO3)	5			mg/L		17-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	6.5		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	29.2		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	6		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
L516797-3 5 - LAKE BOX								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	19.0		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	7.6		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	11.3		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	42		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	2.42		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.184		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	2.48		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0016		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.04		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0256		0.0002	mg/L		15-JUN-07	CVM	R536028

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-3 5 - LAKE BOX								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0019		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0061		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.009		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0008		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0048		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0012		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0007		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0012		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0778		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.103		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0003		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0054		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.012		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	0.00058		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	0.00070		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	<0.06		0.06	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F3 (C16-C34)	0.28		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	98		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.08		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	20.0		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	7.2		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	11.0		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	46		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	7.8		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	96.7			%		16-JUN-07		
TDS (Calculated)	229			mg/L		16-JUN-07		
Hardness (as CaCO3)	95			mg/L		16-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.3		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	461		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	79		5	mg/L		14-JUN-07	CLT	R535605

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-3 5 - LAKE BOX								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
pH, Conductivity and Total Alkalinity								
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	65		5	mg/L		14-JUN-07	CLT	R535605
L516797-4 6 - N IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	47.7		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	19.3		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	30.9		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	48		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	38.4		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.606		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	36.8		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0090		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.05		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.294		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	0.0004		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0200		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0746		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.070		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0019		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0502		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0146		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0023		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0015		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0012		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.194		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	1.79		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	0.0005		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0017		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0788		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.124		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	0.00141		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	0.30		0.06	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F3 (C16-C34)	1.2		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F4 (C34-C50)	1.9		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-4 6 - N IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	92		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.06		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	32.9		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	7.5		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	11.3		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	36		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	30.4		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	105			%		16-JUN-07		
TDS (Calculated)	237			mg/L		16-JUN-07		
Hardness (as CaCO3)	129			mg/L		16-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	6.9		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	497		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	55		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	45		5	mg/L		14-JUN-07	CLT	R535605
L516797-5 7 - IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	35.6		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	15.2		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	26.9		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	40		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	43.2		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.607		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	36.0		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0112		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.05		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.262		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	0.0004		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	0.0003		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0238		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0846		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.094		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0023		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0597		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0161		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0010		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0016		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0011		0.0004	mg/L		15-JUN-07	CVM	R536028

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-5 7 - IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Strontium (Sr)	0.133		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	1.96		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	0.0005		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0024		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0906		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.134		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	0.00068		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	0.00053		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	0.00329		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	0.7		0.15	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F3 (C16-C34)	2.3		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F4 (C34-C50)	4.7		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	81		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.06		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	26.6		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	6.0		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	9.5		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	40		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	37.3		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	101			%		16-JUN-07		
TDS (Calculated)	228			mg/L		16-JUN-07		
Hardness (as CaCO3)	106			mg/L		16-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.0		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	437		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	56		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	46		5	mg/L		14-JUN-07	CLT	R535605
L516797-6 8 - S IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	36.6		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	6.2		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	14.2		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	18		1	mg/L		15-JUN-07	SYF	R536253

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-6 8 - S IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Iron (Fe)	3.11		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.253		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	4.24		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0022		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.03		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0622		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0023		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0103		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.010		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0005		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0070		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0017		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0094		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0009		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.263		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.179		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0002		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0079		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.016		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	0.22		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F3 (C16-C34)	0.18		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUN-07	16-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	102		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	<0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	38.2		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	4.9		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	13.8		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	20		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	5.8		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	109			%		16-JUN-07		
TDS (Calculated)	206			mg/L		16-JUN-07		
Hardness (as CaCO3)	152			mg/L		16-JUN-07		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-6 8 - S IMPACT AREA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.0		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	475		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	43		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	36		5	mg/L		14-JUN-07	CLT	R535605
L516797-7 9 - MUSTER LAKE								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	298		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	89.7		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	212		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	40		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	545		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	8.31		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004	RAMB	0.0004	mg/L		16-JUN-07	CVM	R536028
Aluminum (Al)	426		0.02	mg/L		16-JUN-07	CVM	R536028
Arsenic (As)	0.138		0.0004	mg/L		16-JUN-07	CVM	R536028
Boron (B)	0.39		0.02	mg/L		16-JUN-07	CVM	R536028
Barium (Ba)	2.89		0.0002	mg/L		16-JUN-07	CVM	R536028
Beryllium (Be)	0.011		0.001	mg/L		16-JUN-07	CVM	R536028
Bismuth (Bi)	0.0040		0.0001	mg/L		16-JUN-07	CVM	R536028
Cadmium (Cd)	0.0033		0.0002	mg/L		16-JUN-07	CVM	R536028
Cobalt (Co)	0.276		0.0002	mg/L		16-JUN-07	CVM	R536028
Chromium (Cr)	1.03	RRVAP	0.0008	mg/L		16-JUN-07	CVM	R536028
Copper (Cu)	1.49		0.001	mg/L		16-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0193		0.0001	mg/L		16-JUN-07	CVM	R536028
Nickel (Ni)	0.654		0.0002	mg/L		16-JUN-07	CVM	R536028
Lead (Pb)	0.223		0.0001	mg/L		16-JUN-07	CVM	R536028
Antimony (Sb)	0.0060		0.0004	mg/L		16-JUN-07	CVM	R536028
Selenium (Se)	0.0074		0.0004	mg/L		16-JUN-07	CVM	R536028
Tin (Sn)	0.0079		0.0004	mg/L		16-JUN-07	CVM	R536028
Strontium (Sr)	1.12		0.0002	mg/L		16-JUN-07	CVM	R536028
Titanium (Ti)	23.0		0.005	mg/L		16-JUN-07	CVM	R536028
Thallium (Tl)	0.0055		0.0001	mg/L		16-JUN-07	CVM	R536028
Uranium (U)	0.0331		0.0001	mg/L		16-JUN-07	CVM	R536028
Vanadium (V)	1.18	RRVAP	0.0002	mg/L		16-JUN-07	CVM	R536028
Zinc (Zn)	1.70		0.004	mg/L		16-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.020	DLA	0.02	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Toluene	<0.020	DLA	0.02	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
EthylBenzene	<0.020	DLA	0.02	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Xylenes	<0.020	DLA	0.02	mg/L	20-JUN-07	21-JUN-07	JDV	R538219

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-7 9 - MUSTER LAKE								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
BTEX and F1 (C6-C10)								
F1(C6-C10)	<4	DLA	4.4	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1-BTEX	0.7		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Note: DETECTION LIMIT RAISED DUE TO LIMITED SAMPLE								
F2, F3, F4								
F2 (>C10-C16)	3.3		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F3 (C16-C34)	3.9		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F4 (C34-C50)	2.3		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	54		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.09		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	44.0		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	3.9		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	7.8		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	22		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	21.0		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	98.2			%		16-JUN-07		
TDS (Calculated)	213			mg/L		16-JUN-07		
Hardness (as CaCO3)	142			mg/L		16-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	404		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	122		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	100		5	mg/L		14-JUN-07	CLT	R535605
L516797-8 10 - LTA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	71.9		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	8.0		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	14.3		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	86		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	5.34		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.162		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	4.75		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0113		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.06		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0470		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-8 10 - LTA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0037		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0226		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.040		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0017		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0209		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0019		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0010		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0013		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0025		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	1.16		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.189		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0003		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0135		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.032		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	0.00630		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	0.0330		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	0.00675		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	0.0565		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1(C6-C10)	0.2		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	2.0		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F3 (C16-C34)	1.5		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F4 (C34-C50)	1.7		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	269		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	75.1		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	6.5		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	12.5		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	93		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	33.9		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	99.0			%		16-JUN-07		
TDS (Calculated)	515			mg/L		16-JUN-07		
Hardness (as CaCO3)	239			mg/L		16-JUN-07		
Nitrate+Nitrite-N	0.4		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.4		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.0		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	1050		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	46		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-8 10 - LTA								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
pH, Conductivity and Total Alkalinity								
Alkalinity, Total (as CaCO3)	38		5	mg/L		14-JUN-07	CLT	R535605
L516797-9 11 - FUEL FARM								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	11.8		0.5	mg/L		15-JUN-07	SYF	R536253
Potassium (K)	3.9		0.1	mg/L		15-JUN-07	SYF	R536253
Magnesium (Mg)	6.0		0.1	mg/L		15-JUN-07	SYF	R536253
Sodium (Na)	25		1	mg/L		15-JUN-07	SYF	R536253
Iron (Fe)	3.10		0.005	mg/L		15-JUN-07	SYF	R536253
Manganese (Mn)	0.102		0.001	mg/L		15-JUN-07	SYF	R536253
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	4.41		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0016		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.03		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0505		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0018		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0084		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.006		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0005		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0049		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0023		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0005		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0006		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0533		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.167		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0002		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0072		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.036		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	0.0582		0.0005	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
Toluene	0.0259		0.0005	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
EthylBenzene	0.0344		0.0005	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
Xylenes	0.210		0.0005	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
F1(C6-C10)	0.7		0.1	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
F1-BTEX	0.4		0.1	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
F2, F3, F4								
F2 (>C10-C16)	0.77		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F3 (C16-C34)	0.34		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F4 (C34-C50)	0.07		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	44		1	mg/L		14-JUN-07	LWW/	R535437

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-9 11 - FUEL FARM								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Fluoride (F)	<0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	11.4		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	2.6		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	4.5		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	27		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	25.8		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	103			%		16-JUN-07		
TDS (Calculated)	126			mg/L		16-JUN-07		
Hardness (as CaCO3)	47			mg/L		16-JUN-07		
Nitrate+Nitrite-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	6.8		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	256		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	20		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	17		5	mg/L		14-JUN-07	CLT	R535605
L516797-10 12 - LTA COCONUT MAT								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	68.3		0.5	mg/L		15-JUN-07	HAS	R535885
Potassium (K)	11.9		0.1	mg/L		15-JUN-07	HAS	R535885
Magnesium (Mg)	30.9		0.1	mg/L		15-JUN-07	HAS	R535885
Sodium (Na)	59		1	mg/L		15-JUN-07	HAS	R535885
Iron (Fe)	31.9		0.005	mg/L		15-JUN-07	HAS	R535885
Manganese (Mn)	0.654		0.001	mg/L		15-JUN-07	HAS	R535885
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	29.3		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0086		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.04		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.238		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	0.0003		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0176		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0689		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.080		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0025		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0451		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0137		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0020		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0022		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0013		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.256		0.0002	mg/L		15-JUN-07	CVM	R536028

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-10 12 - LTA COCONUT MAT								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Titanium (Ti)	1.41		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	0.0004		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0024		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0725		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.112		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.0030	DLA	0.003	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
Toluene	<0.0030	DLA	0.003	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
EthylBenzene	<0.0030	DLA	0.003	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
Xylenes	0.0030	DLA	0.003	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
F1(C6-C10)	<0.5	DLA	0.5	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	22-JUN-07	JDV	R538219
F2, F3, F4								
F2 (>C10-C16)	1.6		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F3 (C16-C34)	1.8		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F4 (C34-C50)	2.1		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	157		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	60.7		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	4.8		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	19.3		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	57		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	62.7		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	105			%		16-JUN-07		
TDS (Calculated)	397			mg/L		16-JUN-07		
Hardness (as CaCO3)	231			mg/L		16-JUN-07		
Nitrate+Nitrite-N	0.5		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.5		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.3		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	786		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	68		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	56		5	mg/L		14-JUN-07	CLT	R535605
L516797-11 13 - COCONUT MAT								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	35.6		0.5	mg/L		15-JUN-07	HAS	R535885
Potassium (K)	14.4		0.1	mg/L		15-JUN-07	HAS	R535885
Magnesium (Mg)	29.4		0.1	mg/L		15-JUN-07	HAS	R535885
Sodium (Na)	41		1	mg/L		15-JUN-07	HAS	R535885
Iron (Fe)	47.8		0.005	mg/L		15-JUN-07	HAS	R535885

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-11 13 - COCONUT MAT								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Manganese (Mn)	0.609		0.001	mg/L		15-JUN-07	HAS	R535885
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	42.3		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0123		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.06		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.287		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	0.0004		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	0.0003		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0262		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0960		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.100		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0022		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0655		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0182		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0011		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0015		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0011		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.139		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	2.31		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	0.0005		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0029		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.105		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.148		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
EthylBenzene	0.00082		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Xylenes	0.00421		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F2, F3, F4								
F2 (>C10-C16)	0.93		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F3 (C16-C34)	4.5		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
F4 (C34-C50)	2.1		0.05	mg/L	16-JUN-07	18-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	78		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	26.1		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	3.6		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	9.3		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	39		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	37.3		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	101			%		16-JUN-07		
TDS (Calculated)	219			mg/L		16-JUN-07		
Hardness (as CaCO3)	103			mg/L		16-JUN-07		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-11 13 - COCONUT MAT								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Nitrate+Nitrite-N	0.3		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.3		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.2		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	420		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	50		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	41		5	mg/L		14-JUN-07	CLT	R535605
L516797-12 14 - KG FRONT BOX								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	18.1		0.5	mg/L		15-JUN-07	HAS	R535885
Potassium (K)	8.1		0.1	mg/L		15-JUN-07	HAS	R535885
Magnesium (Mg)	13.7		0.1	mg/L		15-JUN-07	HAS	R535885
Sodium (Na)	11		1	mg/L		15-JUN-07	HAS	R535885
Iron (Fe)	26.4		0.005	mg/L		15-JUN-07	HAS	R535885
Manganese (Mn)	0.364		0.001	mg/L		15-JUN-07	HAS	R535885
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	23.5		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0067		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.04		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.167		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	0.0002		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0149		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0516		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.056		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0011		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0362		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0106		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0015		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0008		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	0.0009		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0630		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	1.20		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	0.0003		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	0.0013		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0547		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.094		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Toluene	0.00086		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
Xylenes	0.00141		0.0005	mg/L	20-JUN-07	21-JUN-07	YAK	R538446

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-12 14 - KG FRONT BOX								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
BTEX and F1 (C6-C10)								
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	YAK	R538446
F2, F3, F4								
F2 (>C10-C16)	0.74		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F3 (C16-C34)	2.8		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F4 (C34-C50)	0.45		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	18		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.06		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	10.7		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	3.3		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	2.6		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	10		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	8.8		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	104			%		16-JUN-07		
TDS (Calculated)	69			mg/L		16-JUN-07		
Hardness (as CaCO3)	37			mg/L		16-JUN-07		
Nitrate+Nitrite-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.0		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	140		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	31		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	25		5	mg/L		14-JUN-07	CLT	R535605
L516797-13 15 - BOX DRAIN								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	45.1		0.5	mg/L		15-JUN-07	HAS	R535885
Potassium (K)	19.7		0.1	mg/L		15-JUN-07	HAS	R535885
Magnesium (Mg)	25.7		0.1	mg/L		15-JUN-07	HAS	R535885
Sodium (Na)	15		1	mg/L		15-JUN-07	HAS	R535885
Iron (Fe)	68.5		0.005	mg/L		15-JUN-07	HAS	R535885
Manganese (Mn)	1.06		0.001	mg/L		15-JUN-07	HAS	R535885
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		16-JUN-07	CVM	R536028
Aluminum (Al)	35.4		0.02	mg/L		16-JUN-07	CVM	R536028
Arsenic (As)	0.0163		0.0004	mg/L		16-JUN-07	CVM	R536028
Boron (B)	0.07		0.02	mg/L		16-JUN-07	CVM	R536028
Barium (Ba)	0.263		0.0002	mg/L		16-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		16-JUN-07	CVM	R536028
Bismuth (Bi)	0.0003		0.0001	mg/L		16-JUN-07	CVM	R536028
Cadmium (Cd)	0.0009		0.0002	mg/L		16-JUN-07	CVM	R536028
Cobalt (Co)	0.0308		0.0002	mg/L		16-JUN-07	CVM	R536028

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-13 15 - BOX DRAIN								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Chromium (Cr)	0.0826		0.0008	mg/L		16-JUN-07	CVM	R536028
Copper (Cu)	0.153		0.001	mg/L		16-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0029		0.0001	mg/L		16-JUN-07	CVM	R536028
Nickel (Ni)	0.0697		0.0002	mg/L		16-JUN-07	CVM	R536028
Lead (Pb)	0.0289		0.0001	mg/L		16-JUN-07	CVM	R536028
Antimony (Sb)	0.0063		0.0004	mg/L		16-JUN-07	CVM	R536028
Selenium (Se)	0.0013		0.0004	mg/L		16-JUN-07	CVM	R536028
Tin (Sn)	0.0023		0.0004	mg/L		16-JUN-07	CVM	R536028
Strontium (Sr)	0.146		0.0002	mg/L		16-JUN-07	CVM	R536028
Titanium (Ti)	1.51		0.005	mg/L		16-JUN-07	CVM	R536028
Thallium (Tl)	0.0004		0.0001	mg/L		16-JUN-07	CVM	R536028
Uranium (U)	0.0022		0.0001	mg/L		16-JUN-07	CVM	R536028
Vanadium (V)	0.0891		0.0002	mg/L		16-JUN-07	CVM	R536028
Zinc (Zn)	0.353		0.004	mg/L		16-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Xylenes	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F2, F3, F4								
F2 (>C10-C16)	0.75		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F3 (C16-C34)	5.2		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F4 (C34-C50)	0.65		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	31		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	0.06		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	20.6		0.5	mg/L		15-JUN-07	EOC	R535811
Potassium (K)	12.0		0.5	mg/L		15-JUN-07	EOC	R535811
Magnesium (Mg)	6.1		0.1	mg/L		15-JUN-07	EOC	R535811
Sodium (Na)	13		1	mg/L		15-JUN-07	EOC	R535811
Sulfate (SO4)	8.5		0.5	mg/L		15-JUN-07	EOC	R535811
Ion Balance Calculation								
Ion Balance	103			%		16-JUN-07		
TDS (Calculated)	130			mg/L		16-JUN-07		
Hardness (as CaCO3)	77			mg/L		16-JUN-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	<0.1		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	6.9		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	252		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	78		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	64		5	mg/L		14-JUN-07	CLT	R535605

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-14 16 - KITCHEN SINK								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	5.3		0.5	mg/L		15-JUN-07	HAS	R535885
Potassium (K)	2.6		0.1	mg/L		15-JUN-07	HAS	R535885
Magnesium (Mg)	3.7		0.1	mg/L		15-JUN-07	HAS	R535885
Sodium (Na)	17		1	mg/L		15-JUN-07	HAS	R535885
Iron (Fe)	0.520		0.005	mg/L		15-JUN-07	HAS	R535885
Manganese (Mn)	0.019		0.001	mg/L		15-JUN-07	HAS	R535885
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	0.54		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0007		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	0.02		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0084		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0004		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0016		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.116		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0003		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0029		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0077		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0014		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0011		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0251		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.019		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0012		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.207		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Xylenes	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F3 (C16-C34)	<0.05		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F4 (C34-C50)	<0.05		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	17		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	<0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	3.7		0.5	mg/L		16-JUN-07	WYA	R536428
Potassium (K)	2.0		0.5	mg/L		16-JUN-07	WYA	R536428
Magnesium (Mg)	2.2		0.1	mg/L		16-JUN-07	WYA	R536428
Sodium (Na)	9		1	mg/L		16-JUN-07	WYA	R536428
Sulfate (SO4)	2.9		0.5	mg/L		16-JUN-07	WYA	R536428

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-14 16 - KITCHEN SINK								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Ion Balance Calculation								
Ion Balance	Low EC			%		17-JUN-07		
TDS (Calculated)	45			mg/L		17-JUN-07		
Hardness (as CaCO3)	18			mg/L		17-JUN-07		
Nitrate+Nitrite-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	6.9		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	99.1		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	16		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	13		5	mg/L		14-JUN-07	CLT	R535605
L516797-15 17 - LADIES DRY								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	3.9		0.5	mg/L		15-JUN-07	HAS	R535885
Potassium (K)	2.0		0.1	mg/L		15-JUN-07	HAS	R535885
Magnesium (Mg)	2.6		0.1	mg/L		15-JUN-07	HAS	R535885
Sodium (Na)	10		1	mg/L		15-JUN-07	HAS	R535885
Iron (Fe)	0.445		0.005	mg/L		15-JUN-07	HAS	R535885
Manganese (Mn)	0.010		0.001	mg/L		15-JUN-07	HAS	R535885
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Aluminum (Al)	0.54		0.02	mg/L		15-JUN-07	CVM	R536028
Arsenic (As)	0.0006		0.0004	mg/L		15-JUN-07	CVM	R536028
Boron (B)	<0.02		0.02	mg/L		15-JUN-07	CVM	R536028
Barium (Ba)	0.0078		0.0002	mg/L		15-JUN-07	CVM	R536028
Beryllium (Be)	<0.001		0.001	mg/L		15-JUN-07	CVM	R536028
Bismuth (Bi)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Cadmium (Cd)	<0.0002		0.0002	mg/L		15-JUN-07	CVM	R536028
Cobalt (Co)	0.0005		0.0002	mg/L		15-JUN-07	CVM	R536028
Chromium (Cr)	0.0017		0.0008	mg/L		15-JUN-07	CVM	R536028
Copper (Cu)	0.011		0.001	mg/L		15-JUN-07	CVM	R536028
Molybdenum (Mo)	0.0002		0.0001	mg/L		15-JUN-07	CVM	R536028
Nickel (Ni)	0.0015		0.0002	mg/L		15-JUN-07	CVM	R536028
Lead (Pb)	0.0018		0.0001	mg/L		15-JUN-07	CVM	R536028
Antimony (Sb)	0.0014		0.0004	mg/L		15-JUN-07	CVM	R536028
Selenium (Se)	0.0009		0.0004	mg/L		15-JUN-07	CVM	R536028
Tin (Sn)	<0.0004		0.0004	mg/L		15-JUN-07	CVM	R536028
Strontium (Sr)	0.0192		0.0002	mg/L		15-JUN-07	CVM	R536028
Titanium (Ti)	0.021		0.005	mg/L		15-JUN-07	CVM	R536028
Thallium (Tl)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Uranium (U)	<0.0001		0.0001	mg/L		15-JUN-07	CVM	R536028
Vanadium (V)	0.0013		0.0002	mg/L		15-JUN-07	CVM	R536028
Zinc (Zn)	0.020		0.004	mg/L		15-JUN-07	CVM	R536028
BTEX and F1 (C6-C10)								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L516797-15 17 - LADIES DRY								
Sampled By: APRIL PIGALAK on 09-JUN-07								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Toluene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
EthylBenzene	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
Xylenes	<0.00050		0.0005	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1(C6-C10)	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F1-BTEX	<0.1		0.1	mg/L	20-JUN-07	21-JUN-07	JDV	R538219
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F3 (C16-C34)	<0.05		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
F4 (C34-C50)	<0.05		0.05	mg/L	16-JUN-07	19-JUN-07	JEA	R536131
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	23		1	mg/L		14-JUN-07	LWW/	R535437
Fluoride (F)	<0.05		0.05	mg/L		14-JUN-07	CLT	R535605
ICP metals and SO4 for routine water								
Calcium (Ca)	3.9		0.5	mg/L		16-JUN-07	WYA	R536428
Potassium (K)	2.0		0.5	mg/L		16-JUN-07	WYA	R536428
Magnesium (Mg)	2.6		0.1	mg/L		16-JUN-07	WYA	R536428
Sodium (Na)	12		1	mg/L		16-JUN-07	WYA	R536428
Sulfate (SO4)	3.2		0.5	mg/L		16-JUN-07	WYA	R536428
Ion Balance Calculation								
Ion Balance	94.3			%		17-JUN-07		
TDS (Calculated)	57			mg/L		17-JUN-07		
Hardness (as CaCO3)	20			mg/L		17-JUN-07		
Nitrate+Nitrite-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrate-N	0.2		0.1	mg/L		14-JUN-07	BLI/	R535768
Nitrite-N	<0.05		0.05	mg/L		14-JUN-07	BLI/	R535768
pH, Conductivity and Total Alkalinity								
pH	7.0		0.1	pH		14-JUN-07	CLT	R535605
Conductivity (EC)	122		0.2	uS/cm		14-JUN-07	CLT	R535605
Bicarbonate (HCO3)	19		5	mg/L		14-JUN-07	CLT	R535605
Carbonate (CO3)	<5		5	mg/L		14-JUN-07	CLT	R535605
Hydroxide (OH)	<5		5	mg/L		14-JUN-07	CLT	R535605
Alkalinity, Total (as CaCO3)	16		5	mg/L		14-JUN-07	CLT	R535605

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
DLA	Detection Limit Adjusted For Dilution
RAMB	Result Adjusted For Method Blank
RRVAP	Reported Result Verified by Alternate Process

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BTX,F1-CL	Water	BTEX and F1 (C6-C10)	EPA 5030B	EPA 5030/8015& 8260-P&T GC-MS/FID
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
F-ED	Water	Fluoride (F)		APHA 4500 F-C-Electrode
F2,F3,F4-CL	Water	F2, F3, F4	EPA 3510C	EPA 3510/8000-GC-FID
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3-H - COLORIMETRY
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
CL	ALS LABORATORY GROUP - CALGARY, ALBERTA, CANADA	ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

Reference Information

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ANALYTICAL REPORT

MIRAMAR HOPE BAY LTD

ATTN: MATT KAWEI

300- 889 HARBOURSIDE DRIVE

NORTH VANCOUVER BC V7P 3S1

Reported On: 27-AUG-07 08:47 AM
Revision: 1

Lab Work Order #: **L527067** **Date Received:** **09-JUL-07**

Project P.O. #:
Job Reference: COMPLIANCE WATER SAMPLES
Legal Site Desc:
CofC Numbers:

Other Information: INV COMMENTS: PROJECT COST CENTRE: WCAMP-025200-1505

Comments:

CHARLES LEBLANC
General Manager, Edmonton

For any questions about this report please contact your Account Manager:

JESSICA SPIRA

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L527067-1 WCLTA-1								
Sampled By: A.P. on 03-JUL-07 @ 09:40								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	0.0132		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Toluene	0.0276		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
EthylBenzene	0.00058		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Xylenes	0.0934		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1(C6-C10)	1.2		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1-BTEX	1.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F2, F3, F4								
F2 (>C10-C16)	41		0.05	mg/L	15-JUL-07	16-JUL-07	JUN	R549349
F3 (C16-C34)	23		0.05	mg/L	15-JUL-07	16-JUL-07	JUN	R549349
F4 (C34-C50)	1.7		0.05	mg/L	15-JUL-07	16-JUL-07	JUN	R549349
Total Suspended Solids	39		3	mg/L		11-JUL-07	SVG	R546659
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1360		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	0.11		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	132		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	38.2		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	153		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	668		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	364		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	98.7			%		11-JUL-07		
TDS (Calculated)	2830			mg/L		11-JUL-07		
Hardness (as CaCO3)	960			mg/L		11-JUL-07		
Nitrate+Nitrite-N	0.2		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	0.12		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.2		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	4780		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	239		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	196		5	mg/L		10-JUL-07	CLT	R545975
L527067-2 WCLTA-2								
Sampled By: A.P. on 03-JUL-07 @ 09:44								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Toluene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
EthylBenzene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Xylenes	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1(C6-C10)	<0.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1-BTEX	<0.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F2, F3, F4								
F2 (>C10-C16)	0.15		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F3 (C16-C34)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
Total Suspended Solids	7		3	mg/L		11-JUL-07	SVG	R546659

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L527067-2 WCLTA-2								
Sampled By: A.P. on 03-JUL-07 @ 09:44								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	284		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	0.10		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	82.8		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	5.1		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	26.6		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	101		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	30.2		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	100			%		11-JUL-07		
TDS (Calculated)	595			mg/L		11-JUL-07		
Hardness (as CaCO3)	316			mg/L		11-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	1160		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	133		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	109		5	mg/L		10-JUL-07	CLT	R545975
L527067-3 WCLTA-2-3								
Sampled By: A.P. on 27-JUN-07 @ 13:22								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	16-JUL-07	16-JUL-07	JDV	R549341
Toluene	<0.00050		0.0005	mg/L	16-JUL-07	16-JUL-07	JDV	R549341
EthylBenzene	<0.00050		0.0005	mg/L	16-JUL-07	16-JUL-07	JDV	R549341
Xylenes	<0.00050		0.0005	mg/L	16-JUL-07	16-JUL-07	JDV	R549341
F1(C6-C10)	<0.1		0.1	mg/L	16-JUL-07	16-JUL-07	JDV	R549341
F1-BTEX	<0.1		0.1	mg/L	16-JUL-07	16-JUL-07	JDV	R549341
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F3 (C16-C34)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
Total Suspended Solids	<3		3	mg/L		11-JUL-07	SVG	R546659
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1140		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	0.09		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	166		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	25.0		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	127		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	506		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	290		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	99.2			%		11-JUL-07		
TDS (Calculated)	2360			mg/L		11-JUL-07		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L527067-3 WCLTA-2-3								
Sampled By: A.P. on 27-JUN-07 @ 13:22								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Ion Balance Calculation								
Hardness (as CaCO3)	937			mg/L		11-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	4040		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	214		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	175		5	mg/L		10-JUL-07	CLT	R545975
L527067-4 WCLTA-2-4								
Sampled By: A.P. on 28-JUN-07 @ 09:50								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Toluene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
EthylBenzene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Xylenes	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1(C6-C10)	<0.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1-BTEX	<0.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F3 (C16-C34)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
Total Suspended Solids	<3		3	mg/L		11-JUL-07	SVG	R546659
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1250		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	0.09		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	180		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	26.0		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	141		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	549		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	324		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	98.8			%		11-JUL-07		
TDS (Calculated)	2580			mg/L		11-JUL-07		
Hardness (as CaCO3)	1030			mg/L		11-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.5		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	4410		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	225		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	184		5	mg/L		10-JUL-07	CLT	R545975

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L527067-4 WCLTA-2-4								
Sampled By: A.P. on 28-JUN-07 @ 09:50								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
L527067-5 WCLTA-2-5								
Sampled By: A.P. on 29-JUN-07 @ 09:40								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Toluene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
EthylBenzene	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
Xylenes	<0.00050		0.0005	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1(C6-C10)	<0.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F1-BTEX	<0.1		0.1	mg/L	16-JUL-07	17-JUL-07	JDV	R549341
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F3 (C16-C34)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUL-07	15-JUL-07	JUN	R549349
Total Suspended Solids	7		3	mg/L		11-JUL-07	SVG	R546659
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1440		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	0.10		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	188		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	29.9		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	163		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	642		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	380		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	98.2			%		11-JUL-07		
TDS (Calculated)	2960			mg/L		11-JUL-07		
Hardness (as CaCO3)	1140			mg/L		11-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	5000		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	239		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	196		5	mg/L		10-JUL-07	CLT	R545975
L527067-6 WCRBC SITE A								
Sampled By: APRIL on 06-JUL-07 @ 08:08								
Matrix: WATER								
Biochemical Oxygen Demand	76		2	mg/L		09-JUL-07	JIH/JW	R548374
MF - E. Coli	250000		1	CFU/100mL		10-JUL-07	PB	R561255
MF - Fecal Coliforms	250000		1	CFU/100mL		10-JUL-07	PB	R561255
Phosphorus, Total	7.92		0.02	mg/L		13-JUL-07	BOC/	R547848
MF - Total Coliforms	8900000		1	CFU/100mL		10-JUL-07	PB	R561255
Total Suspended Solids	38		3	mg/L		11-JUL-07	SVG	R546659
Total Nitrogen								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L527067-6 WCRBC SITE A								
Sampled By: APRIL on 06-JUL-07 @ 08:08								
Matrix: WATER								
Total Nitrogen								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrogen, Total	73.5		0.2	mg/L		12-JUL-07		
Total Kjeldahl Nitrogen	73.5		0.2	mg/L	12-JUL-07	12-JUL-07	FYG	R547340
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	78		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	0.05		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	9.5		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	21.4		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	5.7		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	251		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	24.4		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	75.0	BL:INT		%		11-JUL-07		
TDS (Calculated)	805			mg/L		11-JUL-07		
Hardness (as CaCO3)	47			mg/L		11-JUL-07		
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.8		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	1550		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	844		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	692		5	mg/L		10-JUL-07	CLT	R545975
L527067-7 WCRBC SITE B								
Sampled By: APRIL on 06-JUL-07 @ 08:20								
Matrix: WATER								
Biochemical Oxygen Demand	8		2	mg/L		09-JUL-07	JIH/JW	R548374
MF - E. Coli	1		1	CFU/100mL		10-JUL-07	PB	R561255
MF - Fecal Coliforms	2		1	CFU/100mL		10-JUL-07	PB	R561255
Phosphorus, Total	<0.02		0.02	mg/L		13-JUL-07	BOC/	R547848
MF - Total Coliforms	82		1	CFU/100mL		10-JUL-07	PB	R561255
Total Suspended Solids	<3		3	mg/L		11-JUL-07	SVG	R546659
Total Nitrogen								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrogen, Total	<0.2		0.2	mg/L		12-JUL-07		
Total Kjeldahl Nitrogen	<0.2		0.2	mg/L	12-JUL-07	12-JUL-07	FYG	R547340
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	9		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	<0.05		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	1.6		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	0.5		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	0.9		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	5		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	1.0		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	Low EC			%		11-JUL-07		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L527067-7 WCRBC SITE B								
Sampled By: APRIL on 06-JUL-07 @ 08:20								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Ion Balance Calculation								
TDS (Calculated)	23			mg/L		11-JUL-07		
Hardness (as CaCO3)	8			mg/L		11-JUL-07		
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.0		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	46.5		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	10		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	8		5	mg/L		10-JUL-07	CLT	R545975
L527067-8 WCRBC SITE C								
Sampled By: APRIL on 06-JUL-07 @ 08:32								
Matrix: WATER								
Biochemical Oxygen Demand	8		2	mg/L		09-JUL-07	JIH/JW	R548374
MF - E. Coli	<1		1	CFU/100mL		10-JUL-07	PB	R561255
MF - Fecal Coliforms	<1		1	CFU/100mL		10-JUL-07	PB	R561255
Phosphorus, Total	<0.02		0.02	mg/L		13-JUL-07	BOC/	R547848
MF - Total Coliforms	<1		1	CFU/100mL		10-JUL-07	PB	R561255
Total Suspended Solids	<3		3	mg/L		11-JUL-07	SVG	R546659
Total Nitrogen								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrogen, Total	<0.2		0.2	mg/L		12-JUL-07		
Total Kjeldahl Nitrogen	<0.2		0.2	mg/L	12-JUL-07	12-JUL-07	FYG	R547340
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	13		1	mg/L		10-JUL-07	RGM/	R546179
Fluoride (F)	<0.05		0.05	mg/L		10-JUL-07	CLT	R545975
ICP metals and SO4 for routine water								
Calcium (Ca)	2.1		0.5	mg/L		10-JUL-07	JWU	R546027
Potassium (K)	0.8		0.5	mg/L		10-JUL-07	JWU	R546027
Magnesium (Mg)	1.4		0.1	mg/L		10-JUL-07	JWU	R546027
Sodium (Na)	8		1	mg/L		10-JUL-07	JWU	R546027
Sulfate (SO4)	1.4		0.5	mg/L		10-JUL-07	JWU	R546027
Ion Balance Calculation								
Ion Balance	Low EC			%		11-JUL-07		
TDS (Calculated)	33			mg/L		11-JUL-07		
Hardness (as CaCO3)	11			mg/L		11-JUL-07		
Nitrate-N	<0.1		0.1	mg/L		10-JUL-07	BLI	R546174
Nitrite-N	<0.05		0.05	mg/L		10-JUL-07	BLI	R546174
pH, Conductivity and Total Alkalinity								
pH	7.1		0.1	pH		10-JUL-07	CLT	R545975
Conductivity (EC)	66.5		0.2	uS/cm		10-JUL-07	CLT	R545975
Bicarbonate (HCO3)	12		5	mg/L		10-JUL-07	CLT	R545975
Carbonate (CO3)	<5		5	mg/L		10-JUL-07	CLT	R545975
Hydroxide (OH)	<5		5	mg/L		10-JUL-07	CLT	R545975
Alkalinity, Total (as CaCO3)	10		5	mg/L		10-JUL-07	CLT	R545975

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
BL:INT	Balance Reviewed: Interference Or Non-Measured Component

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BOD-ED	Water	Biochemical Oxygen Demand (BOD)		APHA 5210 B-5 day Incub.-O2 electrode
BTX,F1-CL	Water	BTEX and F1 (C6-C10)	EPA 5030B	EPA 5030/8015& 8260-P&T GC-MS/FID
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ECC-MF-PB	Water	Escherchia coli Count (E.coli)-MF		APHA 9221F MF
ETL-N-TOT-CALC-ED	Water	Nitrogen, Total		APHA 4500 N-Calculated
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
F-ED	Water	Fluoride (F)		APHA 4500 F-C-Electrode
F2,F3,F4-CL	Water	F2, F3, F4	EPA 3510C	EPA 3510/8000-GC-FID
FCC-MF-PB	Water	Fecal Coliform Count-MF		APHA 9222D MF
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
N-TOTKJ-ED	Water	Total Kjeldahl Nitrogen		APHA 4500N-C -Dig.-Auto-Colorimetry
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3-H - COLORIMETRY
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
P-TOTAL-ED	Water	Phosphorus, Total		APHA 4500 P B,E-Auto-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric
TCC-MF-PB	Water	Total Coliform Count-MF		APHA 9222B MF

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
CL	ALS LABORATORY GROUP - CALGARY, ALBERTA, CANADA	ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA
PB	PBR LABORATORIES		

Reference Information

Additional Information:

INV COMMENTS	PROJECT COST CENTRE: WCAMP-025200-1505

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ANALYTICAL REPORT

MIRAMAR HOPE BAY LTD

ATTN: MATT KAWEI

300, 889 HARBOURSIDE DRIVE

NORTH VANCOUVER BC V7P 3S1

Reported On: 17-JUL-07 06:22 PM
Revision: 1

Lab Work Order #: **L524586** **Date Received:** **30-JUN-07**

Project P.O. #:
Job Reference: COMPLIANCE WATER SAMPLES
Legal Site Desc:
CofC Numbers:

Other Information: INV COMMENTS: PROJECT COST CENTRE: WCAMP-025200-1505

Comments:

RON MINKS
Director, Western Canada Operations

For any questions about this report please contact your Account Manager:

JESSICA SPIRA

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L524586-1 WCLTA-1-2								
Sampled By: A.P. on 26-JUN-07 @ 13:22								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Toluene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
EthylBenzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Xylenes	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1(C6-C10)	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1-BTEX	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F2, F3, F4								
F2 (>C10-C16)	830		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F3 (C16-C34)	8300		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F4 (C34-C50)	540		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1110		1	mg/L		05-JUL-07	BOC	R544279
Fluoride (F)	0.09		0.05	mg/L		06-JUL-07	CLT	R544602
ICP metals and SO4 for routine water								
Calcium (Ca)	176		0.5	mg/L		05-JUL-07	CJN	R544238
Potassium (K)	24.2		0.5	mg/L		05-JUL-07	CJN	R544238
Magnesium (Mg)	124		0.1	mg/L		05-JUL-07	CJN	R544238
Sodium (Na)	454		1	mg/L		05-JUL-07	CJN	R544238
Sulfate (SO4)	305		0.5	mg/L		05-JUL-07	CJN	R544238
Ion Balance Calculation								
Ion Balance	95.9			%		06-JUL-07		
TDS (Calculated)	2290			mg/L		06-JUL-07		
Hardness (as CaCO3)	950			mg/L		06-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrate-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrite-N	<0.05		0.05	mg/L		03-JUL-07	BLI	R543417
pH, Conductivity and Total Alkalinity								
pH	7.8		0.1	pH		06-JUL-07	CLT	R544602
Conductivity (EC)	4120		0.2	uS/cm		06-JUL-07	CLT	R544602
Bicarbonate (HCO3)	205		5	mg/L		06-JUL-07	CLT	R544602
Carbonate (CO3)	<5		5	mg/L		06-JUL-07	CLT	R544602
Hydroxide (OH)	<5		5	mg/L		06-JUL-07	CLT	R544602
Alkalinity, Total (as CaCO3)	168		5	mg/L		06-JUL-07	CLT	R544602
L524586-2 WCLTA-2-2								
Sampled By: A.P. on 26-JUN-07 @ 13:22								
Matrix: WATER								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Toluene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
EthylBenzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Xylenes	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1(C6-C10)	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1-BTEX	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F2, F3, F4								
F2 (>C10-C16)	0.07		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F3 (C16-C34)	0.37		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F4 (C34-C50)	1.4		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1170		1	mg/L		06-JUL-07	BOC/	R544791

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L524586-2 WCLTA-2-2								
Sampled By: A.P. on 26-JUN-07 @ 13:22								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Fluoride (F)	0.07		0.05	mg/L		06-JUL-07	CLT	R545549
ICP metals and SO4 for routine water								
Calcium (Ca)	159		0.5	mg/L		06-JUL-07	JWU	R544733
Potassium (K)	24.1		0.5	mg/L		06-JUL-07	JWU	R544733
Magnesium (Mg)	122		0.1	mg/L		06-JUL-07	JWU	R544733
Sodium (Na)	472		1	mg/L		06-JUL-07	JWU	R544733
Sulfate (SO4)	301		0.5	mg/L		06-JUL-07	JWU	R544733
Ion Balance Calculation								
Ion Balance	92.1			%		09-JUL-07		
TDS (Calculated)	2340			mg/L		09-JUL-07		
Hardness (as CaCO3)	899			mg/L		09-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrate-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrite-N	0.06		0.05	mg/L		03-JUL-07	BLI	R543417
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		06-JUL-07	CLT	R544602
Conductivity (EC)	4080		0.2	uS/cm		06-JUL-07	CLT	R544602
Bicarbonate (HCO3)	195		5	mg/L		06-JUL-07	CLT	R544602
Carbonate (CO3)	<5		5	mg/L		06-JUL-07	CLT	R544602
Hydroxide (OH)	<5		5	mg/L		06-JUL-07	CLT	R544602
Alkalinity, Total (as CaCO3)	159		5	mg/L		06-JUL-07	CLT	R544602
L524586-3 WCLTA-1								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:22								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	161		0.5	mg/L		06-JUL-07	SYF	R545105
Potassium (K)	26.3		0.1	mg/L		06-JUL-07	SYF	R545105
Magnesium (Mg)	111		0.1	mg/L		06-JUL-07	SYF	R545105
Sodium (Na)	473		1	mg/L		06-JUL-07	SYF	R545105
Iron (Fe)	2.77		0.005	mg/L		06-JUL-07	SYF	R545105
Manganese (Mn)	0.577		0.001	mg/L		06-JUL-07	SYF	R545105
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004	RAMB	0.0004	mg/L		10-JUL-07	CVM	R546049
Aluminum (Al)	1.15		0.02	mg/L		10-JUL-07	CVM	R546049
Arsenic (As)	0.0155		0.0004	mg/L		10-JUL-07	CVM	R546049
Boron (B)	0.15		0.02	mg/L		10-JUL-07	CVM	R546049
Barium (Ba)	0.0611		0.0002	mg/L		10-JUL-07	CVM	R546049
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM	R546049
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM	R546049
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM	R546049
Cobalt (Co)	0.0042		0.0002	mg/L		10-JUL-07	CVM	R546049
Chromium (Cr)	<0.005	DLM	0.005	mg/L		06-JUL-07	SYF	R545105
Copper (Cu)	0.082		0.001	mg/L		10-JUL-07	CVM	R546049
Molybdenum (Mo)	0.0045		0.0001	mg/L		10-JUL-07	CVM	R546049
Nickel (Ni)	0.0395		0.0002	mg/L		10-JUL-07	CVM	R546049
Lead (Pb)	0.0017		0.0001	mg/L		10-JUL-07	CVM	R546049
Antimony (Sb)	0.0015		0.0004	mg/L		10-JUL-07	CVM	R546049
Selenium (Se)	0.0028		0.0004	mg/L		10-JUL-07	CVM	R546049
Tin (Sn)	0.0018		0.0004	mg/L		10-JUL-07	CVM	R546049
Strontium (Sr)	1.20		0.0002	mg/L		10-JUL-07	CVM	R546049

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L524586-3 WCLTA-1								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:22								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Titanium (Ti)	0.065		0.005	mg/L		10-JUL-07	CVM	R546049
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM	R546049
Uranium (U)	0.0017		0.0001	mg/L		10-JUL-07	CVM	R546049
Vanadium (V)	0.0085		0.0002	mg/L		10-JUL-07	CVM	R546049
Zinc (Zn)	0.058		0.004	mg/L		10-JUL-07	CVM	R546049
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Toluene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
EthylBenzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Xylenes	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1(C6-C10)	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1-BTEX	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F2, F3, F4								
F2 (>C10-C16)	150		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F3 (C16-C34)	860		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F4 (C34-C50)	50		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1130		1	mg/L		06-JUL-07	BOC/	R544791
Fluoride (F)	0.07		0.05	mg/L		06-JUL-07	CLT	R545549
ICP metals and SO4 for routine water								
Calcium (Ca)	163		0.5	mg/L		06-JUL-07	JWU	R544733
Potassium (K)	23.1		0.5	mg/L		06-JUL-07	JWU	R544733
Magnesium (Mg)	115		0.1	mg/L		06-JUL-07	JWU	R544733
Sodium (Na)	433		1	mg/L		06-JUL-07	JWU	R544733
Sulfate (SO4)	288		0.5	mg/L		06-JUL-07	JWU	R544733
Ion Balance Calculation								
Ion Balance	90.2			%		09-JUL-07		
TDS (Calculated)	2250			mg/L		09-JUL-07		
Hardness (as CaCO3)	881			mg/L		09-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrate-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrite-N	<0.05		0.05	mg/L		03-JUL-07	BLI	R543417
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		06-JUL-07	CLT	R544602
Conductivity (EC)	3920		0.2	uS/cm		06-JUL-07	CLT	R544602
Bicarbonate (HCO3)	194		5	mg/L		06-JUL-07	CLT	R544602
Carbonate (CO3)	<5		5	mg/L		06-JUL-07	CLT	R544602
Hydroxide (OH)	<5		5	mg/L		06-JUL-07	CLT	R544602
Alkalinity, Total (as CaCO3)	159		5	mg/L		06-JUL-07	CLT	R544602
L524586-4 WCLTA-2								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:45								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	20.4		0.5	mg/L		08-JUL-07	HAS	R545414
Potassium (K)	24.7		0.1	mg/L		08-JUL-07	HAS	R545414
Magnesium (Mg)	94.9		0.1	mg/L		08-JUL-07	HAS	R545414
Sodium (Na)	2580		1	mg/L		08-JUL-07	HAS	R545414
Iron (Fe)	0.969		0.005	mg/L		08-JUL-07	HAS	R545414

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L524586-4 WCLTA-2								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:45								
Matrix: WATER								
Total Metals								
Total Major Metals								
Manganese (Mn)	0.030		0.001	mg/L		08-JUL-07	HAS	R545414
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM	R546049
Aluminum (Al)	0.45		0.02	mg/L		10-JUL-07	CVM	R546049
Arsenic (As)	3.09		0.0004	mg/L		10-JUL-07	CVM	R546049
Boron (B)	0.21		0.02	mg/L		10-JUL-07	CVM	R546049
Barium (Ba)	0.117		0.0002	mg/L		10-JUL-07	CVM	R546049
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM	R546049
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM	R546049
Cadmium (Cd)	0.0003		0.0002	mg/L		10-JUL-07	CVM	R546049
Cobalt (Co)	0.0030		0.0002	mg/L		10-JUL-07	CVM	R546049
Chromium (Cr)	<0.005	DLM	0.005	mg/L		08-JUL-07	HAS	R545414
Copper (Cu)	0.004		0.001	mg/L		10-JUL-07	CVM	R546049
Molybdenum (Mo)	0.217		0.0001	mg/L		10-JUL-07	CVM	R546049
Nickel (Ni)	0.0258		0.0002	mg/L		10-JUL-07	CVM	R546049
Lead (Pb)	0.0006		0.0001	mg/L		10-JUL-07	CVM	R546049
Antimony (Sb)	0.363		0.0004	mg/L		10-JUL-07	CVM	R546049
Selenium (Se)	0.0203		0.0004	mg/L		10-JUL-07	CVM	R546049
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM	R546049
Strontium (Sr)	0.840		0.0002	mg/L		10-JUL-07	CVM	R546049
Titanium (Ti)	0.051		0.005	mg/L		10-JUL-07	CVM	R546049
Thallium (Tl)	0.0001		0.0001	mg/L		10-JUL-07	CVM	R546049
Uranium (U)	0.0274		0.0001	mg/L		10-JUL-07	CVM	R546049
Zinc (Zn)	0.088		0.004	mg/L		10-JUL-07	CVM	R546049
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	15-JUL-07	16-JUL-07	PGM	R548585
Toluene	<0.00050		0.0005	mg/L	15-JUL-07	16-JUL-07	PGM	R548585
EthylBenzene	<0.00050		0.0005	mg/L	15-JUL-07	16-JUL-07	PGM	R548585
Xylenes	<0.00050		0.0005	mg/L	15-JUL-07	16-JUL-07	PGM	R548585
F1(C6-C10)	<0.1		0.1	mg/L	15-JUL-07	16-JUL-07	PGM	R548585
F1-BTEX	<0.1		0.1	mg/L	15-JUL-07	16-JUL-07	PGM	R548585
F2, F3, F4								
F2 (>C10-C16)	<0.05		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F3 (C16-C34)	0.06		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F4 (C34-C50)	<0.05		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	1970		1	mg/L		06-JUL-07	BOC/	R544791
Fluoride (F)	0.45		0.05	mg/L		06-JUL-07	CLT	R545549
ICP metals and SO4 for routine water								
Calcium (Ca)	14.6		0.5	mg/L		06-JUL-07	JWU	R544733
Potassium (K)	20.5		0.5	mg/L		06-JUL-07	JWU	R544733
Magnesium (Mg)	104		0.1	mg/L		06-JUL-07	JWU	R544733
Sodium (Na)	2660		1	mg/L		06-JUL-07	JWU	R544733
Sulfate (SO4)	1680		0.5	mg/L		06-JUL-07	JWU	R544733
Ion Balance Calculation								
Ion Balance	91.6			%		10-JUL-07		
TDS (Calculated)	7850			mg/L		10-JUL-07		
Hardness (as CaCO3)	465			mg/L		10-JUL-07		
Nitrate+Nitrite-N	0.1		0.1	mg/L		03-JUL-07	BLI	R543417

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L524586-4 WCLTA-2								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:45								
Matrix: WATER								
Routine Water: Major Ions, Fluoride								
Nitrate-N	0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrite-N	<0.05		0.05	mg/L		03-JUL-07	BLI	R543417
pH, Conductivity and Total Alkalinity								
pH	9.6		0.1	pH		05-JUL-07	CLT	R544602
Conductivity (EC)	11700		0.2	uS/cm		05-JUL-07	CLT	R544602
Bicarbonate (HCO3)	1290		5	mg/L		05-JUL-07	CLT	R544602
Carbonate (CO3)	761		5	mg/L		05-JUL-07	CLT	R544602
Hydroxide (OH)	<5		5	mg/L		05-JUL-07	CLT	R544602
Alkalinity, Total (as CaCO3)	2330		5	mg/L		05-JUL-07	CLT	R544602
L524586-5 WCLTA-3								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:48								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	2.2		0.5	mg/L		06-JUL-07	SYF	R545105
Potassium (K)	0.6		0.1	mg/L		06-JUL-07	SYF	R545105
Magnesium (Mg)	1.4		0.1	mg/L		06-JUL-07	SYF	R545105
Sodium (Na)	4		1	mg/L		06-JUL-07	SYF	R545105
Iron (Fe)	1.32		0.005	mg/L		06-JUL-07	SYF	R545105
Manganese (Mn)	0.031		0.001	mg/L		06-JUL-07	SYF	R545105
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		09-JUL-07	CVM	R546049
Aluminum (Al)	0.91		0.02	mg/L		09-JUL-07	CVM	R546049
Arsenic (As)	0.0007		0.0004	mg/L		09-JUL-07	CVM	R546049
Boron (B)	<0.02		0.02	mg/L		09-JUL-07	CVM	R546049
Barium (Ba)	0.0100		0.0002	mg/L		09-JUL-07	CVM	R546049
Beryllium (Be)	<0.001		0.001	mg/L		09-JUL-07	CVM	R546049
Bismuth (Bi)	<0.0001		0.0001	mg/L		09-JUL-07	CVM	R546049
Cadmium (Cd)	<0.0002		0.0002	mg/L		09-JUL-07	CVM	R546049
Cobalt (Co)	0.0008		0.0002	mg/L		09-JUL-07	CVM	R546049
Chromium (Cr)	0.0013		0.0008	mg/L		09-JUL-07	CVM	R546049
Copper (Cu)	0.006		0.001	mg/L		09-JUL-07	CVM	R546049
Molybdenum (Mo)	0.0002		0.0001	mg/L		09-JUL-07	CVM	R546049
Nickel (Ni)	0.0019		0.0002	mg/L		09-JUL-07	CVM	R546049
Lead (Pb)	0.0012		0.0001	mg/L		09-JUL-07	CVM	R546049
Antimony (Sb)	<0.0004		0.0004	mg/L		09-JUL-07	CVM	R546049
Selenium (Se)	<0.0004		0.0004	mg/L		09-JUL-07	CVM	R546049
Tin (Sn)	<0.0004		0.0004	mg/L		09-JUL-07	CVM	R546049
Strontium (Sr)	0.0109		0.0002	mg/L		09-JUL-07	CVM	R546049
Titanium (Ti)	0.053		0.005	mg/L		09-JUL-07	CVM	R546049
Thallium (Tl)	<0.0001		0.0001	mg/L		09-JUL-07	CVM	R546049
Uranium (U)	<0.0001		0.0001	mg/L		09-JUL-07	CVM	R546049
Vanadium (V)	0.0024		0.0002	mg/L		09-JUL-07	CVM	R546049
Zinc (Zn)	0.012		0.004	mg/L		09-JUL-07	CVM	R546049
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Toluene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
EthylBenzene	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
Xylenes	<0.00050		0.0005	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F1(C6-C10)	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L524586-5 WCLTA-3								
Sampled By: GC,SC,AP on 25-JUN-07 @ 09:48								
Matrix: WATER								
BTEX and F1 (C6-C10)								
F1-BTEX	<0.1		0.1	mg/L	12-JUL-07	13-JUL-07	PGM	R547875
F2, F3, F4								
F2 (>C10-C16)	0.14		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F3 (C16-C34)	2.8		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
F4 (C34-C50)	1.9		0.05	mg/L	05-JUL-07	07-JUL-07	VRP	R545299
Routine Water: Major Ions, Fluoride								
Chloride (Cl)	8		1	mg/L		06-JUL-07	BOC/	R544791
Fluoride (F)	<0.05		0.05	mg/L		06-JUL-07	CLT	R545549
ICP metals and SO4 for routine water								
Calcium (Ca)	1.8		0.5	mg/L		06-JUL-07	JWU	R544733
Potassium (K)	0.6		0.5	mg/L		06-JUL-07	JWU	R544733
Magnesium (Mg)	0.8		0.1	mg/L		06-JUL-07	JWU	R544733
Sodium (Na)	4		1	mg/L		06-JUL-07	JWU	R544733
Sulfate (SO4)	1.2		0.5	mg/L		06-JUL-07	JWU	R544733
Ion Balance Calculation								
Ion Balance	Low EC			%		09-JUL-07		
TDS (Calculated)	22			mg/L		09-JUL-07		
Hardness (as CaCO3)	8			mg/L		09-JUL-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrate-N	<0.1		0.1	mg/L		03-JUL-07	BLI	R543417
Nitrite-N	<0.05		0.05	mg/L		03-JUL-07	BLI	R543417
pH, Conductivity and Total Alkalinity								
pH	7.2		0.1	pH		06-JUL-07	CLT	R544602
Conductivity (EC)	40.9		0.2	uS/cm		06-JUL-07	CLT	R544602
Bicarbonate (HCO3)	11		5	mg/L		06-JUL-07	CLT	R544602
Carbonate (CO3)	<5		5	mg/L		06-JUL-07	CLT	R544602
Hydroxide (OH)	<5		5	mg/L		06-JUL-07	CLT	R544602
Alkalinity, Total (as CaCO3)	9		5	mg/L		06-JUL-07	CLT	R544602

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Qualifiers for Sample Submission Listed:

Qualifier	Description
EHT	Exceeds Recommended Holding Time Prior To Analysis

Sample Parameter Qualifier key listed:

Qualifier	Description
DLM	Detection Limit Adjustment For Sample Matrix Effects
RAMB	Result Adjusted For Method Blank

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BTX,F1-CL	Water	BTEX and F1 (C6-C10)	EPA 5030B	EPA 5030/8015& 8260-P&T GC-MS/FID
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
F-ED	Water	Fluoride (F)		APHA 4500 F-C-Electrode
F2,F3,F4-CL	Water	F2, F3, F4	EPA 3510C	EPA 3510/8000-GC-FID
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3-H - COLORIMETRY
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
CL	ALS LABORATORY GROUP - CALGARY, ALBERTA, CANADA	ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

Additional Information:

INV COMMENTS	PROJECT COST CENTRE: WCAMP-025200-1505

Reference Information

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ANALYTICAL REPORT

HOPE BAY MINING LTD

ATTN: MATT KAWEI

300, 889 HARBOURSIDE DRIVE

NORTH VANCOUVER BC V7P 3S1

Reported On: 18-JUL-08 03:32 PM

Lab Work Order #: **L654816** **Date Received:** **11-JUL-08**

Project P.O. #: M00356_L1
Job Reference: COMPLIANCE WATER SAMPLES
Legal Site Desc:
CofC Numbers:

Other Information:

Comments:

JESSICA SPIRA
Senior Account Manager

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L654816-1 HOP-4B								
Sampled By: JILL TURK on 09-JUL-08 @ 16:15								
Matrix: WATER								
BTX, F1, F2, F3, F4								
BTEX and F1 (C6-C10)								
Benzene	<0.020	DLM	0.020	mg/L	16-JUL-08	16-JUL-08	AJK	R693717
Toluene	<0.020	DLM	0.020	mg/L	16-JUL-08	16-JUL-08	AJK	R693717
EthylBenzene	<0.020	DLM	0.020	mg/L	16-JUL-08	16-JUL-08	AJK	R693717
Xylenes	<0.020	DLM	0.020	mg/L	16-JUL-08	16-JUL-08	AJK	R693717
F1(C6-C10)	<4	DLM	4	mg/L	16-JUL-08	16-JUL-08	AJK	R693717
F1-BTEX	2.4		0.1	mg/L	16-JUL-08	16-JUL-08	AJK	R693717
F2, F3, F4								
F2 (>C10-C16)	4.6		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
F3 (C16-C34)	45		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
F4 (C34-C50)	12		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
Total Metals								
Total Major Metals								
Calcium (Ca)	173		0.5	mg/L		16-JUL-08	BOC	R694551
Potassium (K)	10.3		0.1	mg/L		16-JUL-08	BOC	R694551
Magnesium (Mg)	26.9		0.1	mg/L		16-JUL-08	BOC	R694551
Sodium (Na)	116		1	mg/L		16-JUL-08	BOC	R694551
Iron (Fe)	0.919		0.005	mg/L		16-JUL-08	BOC	R694551
Manganese (Mn)	0.662		0.001	mg/L		16-JUL-08	BOC	R694551
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Aluminum (Al)	0.47		0.02	mg/L		16-JUL-08	CVM	R695179
Arsenic (As)	0.0068		0.0004	mg/L		16-JUL-08	CVM	R695179
Boron (B)	1.03		0.02	mg/L		16-JUL-08	CVM	R695179
Barium (Ba)	0.0712		0.0002	mg/L		16-JUL-08	CVM	R695179
Beryllium (Be)	<0.001		0.001	mg/L		16-JUL-08	CVM	R695179
Bismuth (Bi)	<0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Cadmium (Cd)	0.0002		0.0002	mg/L		16-JUL-08	CVM	R695179
Cobalt (Co)	0.0180		0.0002	mg/L		16-JUL-08	CVM	R695179
Chromium (Cr)	0.0021	RRVAP	0.0008	mg/L		16-JUL-08	CVM	R695179
Copper (Cu)	0.048		0.001	mg/L		16-JUL-08	CVM	R695179
Molybdenum (Mo)	0.0059		0.0001	mg/L		16-JUL-08	CVM	R695179
Nickel (Ni)	0.0422		0.0002	mg/L		16-JUL-08	CVM	R695179
Lead (Pb)	0.0015		0.0001	mg/L		16-JUL-08	CVM	R695179
Antimony (Sb)	0.0038		0.0004	mg/L		16-JUL-08	CVM	R695179
Selenium (Se)	0.0017		0.0004	mg/L		16-JUL-08	CVM	R695179
Tin (Sn)	0.0008		0.0004	mg/L		16-JUL-08	CVM	R695179
Strontium (Sr)	2.21		0.0002	mg/L		16-JUL-08	CVM	R695179
Titanium (Ti)	0.016		0.005	mg/L		16-JUL-08	CVM	R695179
Thallium (Tl)	0.0004		0.0001	mg/L		16-JUL-08	CVM	R695179
Uranium (U)	0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Vanadium (V)	0.0011	RRVAP	0.0002	mg/L		16-JUL-08	CVM	R695179
Zinc (Zn)	0.424	RRVAP	0.004	mg/L		16-JUL-08	CVM	R695179
CCME PAHs								
Naphthalene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Quinoline	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Acenaphthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Fluorene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Phenanthrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Anthracene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Acridine	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L654816-1 HOP-4B								
Sampled By: JILL TURK on 09-JUL-08 @ 16:15								
Matrix: WATER								
CCME PAHs								
Fluoranthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Pyrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(a)anthracene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Chrysene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(b&j)fluoranthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(k)fluoranthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(a)pyrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Indeno(1,2,3-cd)pyrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Dibenzo(a,h)anthracene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Surr: Nitrobenzene d5	95		24-132	%	16-JUL-08	17-JUL-08	PCL	R694677
Surr: 2-Fluorobiphenyl	76		37-123	%	16-JUL-08	17-JUL-08	PCL	R694677
Surr: p-Terphenyl d14	96		41-143	%	16-JUL-08	17-JUL-08	PCL	R694677
Note: Extract dilution required to reduce matrix interference. PAH detection limits raised.								
Oil and Grease	2		1	mg/L		15-JUL-08	FOD	R694221
Phenols (4AAP)	0.101		0.001	mg/L		16-JUL-08	LIW	R695106
Total Suspended Solids	16		3	mg/L		15-JUL-08	SVG	R694349
pH	6.5		0.1	pH		15-JUL-08	WYA	R694231
L654816-2 HOP-4A								
Sampled By: JILL TURK on 09-JUL-08 @ 16:15								
Matrix: WATER								
BTX, F1, F2, F3, F4								
BTEX and F1 (C6-C10)								
Benzene	<0.11	DLA	0.11	mg/L	16-JUL-08	17-JUL-08	AJK	R694702
Toluene	<0.11	DLA	0.11	mg/L	16-JUL-08	17-JUL-08	AJK	R694702
EthylBenzene	<0.11	DLA	0.11	mg/L	16-JUL-08	17-JUL-08	AJK	R694702
Xylenes	<0.11	DLA	0.11	mg/L	16-JUL-08	17-JUL-08	AJK	R694702
F1(C6-C10)	<20	DLA	20	mg/L	16-JUL-08	17-JUL-08	AJK	R694702
F1-BTEX	0.7		0.1	mg/L	16-JUL-08	17-JUL-08	AJK	R694702
F2, F3, F4								
F2 (>C10-C16)	42		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
F3 (C16-C34)	400		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
F4 (C34-C50)	85		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
Total Metals								
Total Major Metals								
Calcium (Ca)	5.3		0.5	mg/L		17-JUL-08	CLR	R695714
Potassium (K)	2.6		0.1	mg/L		17-JUL-08	CLR	R695714
Magnesium (Mg)	7.2		0.1	mg/L		17-JUL-08	CLR	R695714
Sodium (Na)	81		1	mg/L		17-JUL-08	CLR	R695714
Iron (Fe)	0.432		0.005	mg/L		17-JUL-08	CLR	R695714
Manganese (Mn)	<0.01	DLM	0.01	mg/L		17-JUL-08	CLR	R695714
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Aluminum (Al)	0.20		0.02	mg/L		16-JUL-08	CVM	R695179
Arsenic (As)	0.0008		0.0004	mg/L		16-JUL-08	CVM	R695179
Boron (B)	0.29		0.02	mg/L		16-JUL-08	CVM	R695179
Barium (Ba)	0.0042		0.0002	mg/L		16-JUL-08	CVM	R695179
Beryllium (Be)	<0.001		0.001	mg/L		16-JUL-08	CVM	R695179
Bismuth (Bi)	0.0008		0.0001	mg/L		16-JUL-08	CVM	R695179
Cadmium (Cd)	0.0004		0.0002	mg/L		16-JUL-08	CVM	R695179

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L654816-2 HOP-4A								
Sampled By: JILL TURK on 09-JUL-08 @ 16:15								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Cobalt (Co)	0.0002		0.0002	mg/L		16-JUL-08	CVM	R695179
Chromium (Cr)	0.0024		0.0008	mg/L		16-JUL-08	CVM	R695179
Copper (Cu)	0.018		0.001	mg/L		16-JUL-08	CVM	R695179
Molybdenum (Mo)	0.0183		0.0001	mg/L		16-JUL-08	CVM	R695179
Nickel (Ni)	0.0018		0.0002	mg/L		16-JUL-08	CVM	R695179
Lead (Pb)	0.0035		0.0001	mg/L		16-JUL-08	CVM	R695179
Antimony (Sb)	0.0017		0.0004	mg/L		16-JUL-08	CVM	R695179
Selenium (Se)	0.0008		0.0004	mg/L		16-JUL-08	CVM	R695179
Tin (Sn)	0.0012		0.0004	mg/L		16-JUL-08	CVM	R695179
Strontium (Sr)	0.0162		0.0002	mg/L		16-JUL-08	CVM	R695179
Titanium (Ti)	0.011		0.005	mg/L		16-JUL-08	CVM	R695179
Thallium (Tl)	0.0003		0.0001	mg/L		16-JUL-08	CVM	R695179
Uranium (U)	<0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Vanadium (V)	0.0006		0.0002	mg/L		16-JUL-08	CVM	R695179
Zinc (Zn)	0.497		0.004	mg/L		16-JUL-08	CVM	R695179
CCME PAHs								
Naphthalene	0.021		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Quinoline	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Acenaphthene	0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Fluorene	0.007		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Phenanthrene	0.008		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Anthracene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Acridine	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Fluoranthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Pyrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(a)anthracene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Chrysene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(b&j)fluoranthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(k)fluoranthene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Benzo(a)pyrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Indeno(1,2,3-cd)pyrene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Dibenzo(a,h)anthracene	<0.002		0.002	mg/L	16-JUL-08	17-JUL-08	PCL	R694677
Surr: Nitrobenzene d5	0	SOL:MI	24-132	%	16-JUL-08	17-JUL-08	PCL	R694677
Surr: 2-Fluorobiphenyl	72		37-123	%	16-JUL-08	17-JUL-08	PCL	R694677
Surr: p-Terphenyl d14	75		41-143	%	16-JUL-08	17-JUL-08	PCL	R694677
Note: Extract dilution required to reduce matrix interference. PAH detection limits raised.								
Oil and Grease	813		2	mg/L		15-JUL-08	FOD	R694221
Phenols (4AAP)	0.648		0.001	mg/L		16-JUL-08	LIW	R695106
Total Suspended Solids	81		3	mg/L		15-JUL-08	SVG	R694349
pH	7.3		0.1	pH		15-JUL-08	WYA	R694231
L654816-3 ROBERTS BAY RBD-A								
Sampled By: JILL TURK / MATT KAW on 05-JUL-08 @ 14:45								
Matrix: WATER								
BTX, F1, F2, F3, F4								
BTEX and F1 (C6-C10)								
Benzene	<0.00050		0.00050	mg/L	16-JUL-08	15-JUL-08	AJK	R694702
Toluene	<0.00050		0.00050	mg/L	16-JUL-08	15-JUL-08	AJK	R694702
EthylBenzene	<0.00050		0.00050	mg/L	16-JUL-08	15-JUL-08	AJK	R694702

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L654816-3 ROBERTS BAY RBD-A								
Sampled By: JILL TURK / MATT KAW on 05-JUL-08 @ 14:45								
Matrix: WATER								
BTX, F1, F2, F3, F4								
BTEX and F1 (C6-C10)								
Xylenes	0.00067		0.00050	mg/L	16-JUL-08	15-JUL-08	AJK	R694702
F1(C6-C10)	<0.1		0.1	mg/L	16-JUL-08	15-JUL-08	AJK	R694702
F1-BTEX	<0.1		0.1	mg/L	16-JUL-08	15-JUL-08	AJK	R694702
F2, F3, F4								
F2 (>C10-C16)	0.12		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
F3 (C16-C34)	0.15		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
F4 (C34-C50)	<0.05		0.05	mg/L	15-JUL-08	15-JUL-08	VRP	R693832
Total Metals								
Total Major Metals								
Calcium (Ca)	55.8		0.5	mg/L		16-JUL-08	BOC	R694551
Potassium (K)	4.8		0.1	mg/L		16-JUL-08	BOC	R694551
Magnesium (Mg)	18.4		0.1	mg/L		16-JUL-08	BOC	R694551
Sodium (Na)	54		1	mg/L		16-JUL-08	BOC	R694551
Iron (Fe)	3.36		0.005	mg/L		16-JUL-08	BOC	R694551
Manganese (Mn)	1.88		0.001	mg/L		16-JUL-08	BOC	R694551
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Aluminum (Al)	0.08		0.02	mg/L		16-JUL-08	CVM	R695179
Arsenic (As)	0.0011		0.0004	mg/L		16-JUL-08	CVM	R695179
Boron (B)	0.03		0.02	mg/L		16-JUL-08	CVM	R695179
Barium (Ba)	0.0143		0.0002	mg/L		16-JUL-08	CVM	R695179
Beryllium (Be)	<0.001		0.001	mg/L		16-JUL-08	CVM	R695179
Bismuth (Bi)	0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Cadmium (Cd)	<0.0002		0.0002	mg/L		16-JUL-08	CVM	R695179
Cobalt (Co)	0.0051		0.0002	mg/L		16-JUL-08	CVM	R695179
Chromium (Cr)	<0.0008		0.0008	mg/L		16-JUL-08	CVM	R695179
Copper (Cu)	0.004		0.001	mg/L		16-JUL-08	CVM	R695179
Molybdenum (Mo)	0.0011		0.0001	mg/L		16-JUL-08	CVM	R695179
Nickel (Ni)	0.0041		0.0002	mg/L		16-JUL-08	CVM	R695179
Lead (Pb)	0.0004		0.0001	mg/L		16-JUL-08	CVM	R695179
Antimony (Sb)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Selenium (Se)	0.0009		0.0004	mg/L		16-JUL-08	CVM	R695179
Tin (Sn)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Strontium (Sr)	0.125		0.0002	mg/L		16-JUL-08	CVM	R695179
Titanium (Ti)	<0.005		0.005	mg/L		16-JUL-08	CVM	R695179
Thallium (Tl)	0.0003		0.0001	mg/L		16-JUL-08	CVM	R695179
Uranium (U)	0.0005		0.0001	mg/L		16-JUL-08	CVM	R695179
Vanadium (V)	0.0006		0.0002	mg/L		16-JUL-08	CVM	R695179
Zinc (Zn)	0.007		0.004	mg/L		16-JUL-08	CVM	R695179
Oil and Grease	<2		2	mg/L		15-JUL-08	FOD	R694221
Phenols (4AAP)	0.070		0.001	mg/L		16-JUL-08	LIW	R695106
Total Suspended Solids	12		3	mg/L		15-JUL-08	SVG	R694349
pH	7.3		0.1	pH		15-JUL-08	WYA	R694231
L654816-4 ROBERTS BAY DRAINAGE								
Sampled By: JILL TURK / MATT KAW on 05-JUL-08 @ 14:45								
Matrix: WATER								
Chemical Oxygen Demand	86		5	mg/L		15-JUL-08	LJD	R694384
Phosphorus, Total	<0.02	SP	0.02	mg/L	15-JUL-08	15-JUL-08	AYX	R694505

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L654816-4 ROBERTS BAY DRAINAGE								
Sampled By: JILL TURK / MATT KAW on 05-JUL-08 @ 14:45								
Matrix: WATER								
Total Nitrogen								
Nitrate+Nitrite-N	<0.1		0.1	mg/L		15-JUL-08	JXD	R694305
Nitrogen, Total	2.3		0.2	mg/L		17-JUL-08		
Total Kjeldahl Nitrogen	2.3	SP	0.2	mg/L	16-JUL-08	16-JUL-08	LMK	R694911
L654816-5 DORIS-A								
Sampled By: JILL TURK / MATT KAW on 05-JUL-08 @ 13:00								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	8.1		0.5	mg/L		16-JUL-08	BOC	R695163
Potassium (K)	2.1		0.1	mg/L		16-JUL-08	BOC	R695163
Magnesium (Mg)	6.2		0.1	mg/L		16-JUL-08	BOC	R695163
Sodium (Na)	31		1	mg/L		16-JUL-08	BOC	R695163
Iron (Fe)	0.149		0.005	mg/L		16-JUL-08	BOC	R695163
Manganese (Mn)	0.014		0.001	mg/L		16-JUL-08	BOC	R695163
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Aluminum (Al)	0.07		0.02	mg/L		16-JUL-08	CVM	R695179
Arsenic (As)	0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Boron (B)	0.02		0.02	mg/L		16-JUL-08	CVM	R695179
Barium (Ba)	0.0035		0.0002	mg/L		16-JUL-08	CVM	R695179
Beryllium (Be)	<0.001		0.001	mg/L		16-JUL-08	CVM	R695179
Bismuth (Bi)	<0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Cadmium (Cd)	<0.0002		0.0002	mg/L		16-JUL-08	CVM	R695179
Cobalt (Co)	<0.0002		0.0002	mg/L		16-JUL-08	CVM	R695179
Chromium (Cr)	<0.0008		0.0008	mg/L		16-JUL-08	CVM	R695179
Copper (Cu)	0.002		0.001	mg/L		16-JUL-08	CVM	R695179
Molybdenum (Mo)	<0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Nickel (Ni)	0.0012		0.0002	mg/L		16-JUL-08	CVM	R695179
Lead (Pb)	0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Antimony (Sb)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Selenium (Se)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Tin (Sn)	<0.0004		0.0004	mg/L		16-JUL-08	CVM	R695179
Strontium (Sr)	0.0408		0.0002	mg/L		16-JUL-08	CVM	R695179
Titanium (Ti)	<0.005		0.005	mg/L		16-JUL-08	CVM	R695179
Thallium (Tl)	0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Uranium (U)	<0.0001		0.0001	mg/L		16-JUL-08	CVM	R695179
Vanadium (V)	<0.0002		0.0002	mg/L		16-JUL-08	CVM	R695179
Zinc (Zn)	0.005		0.004	mg/L		16-JUL-08	CVM	R695179
Oil and Grease	<2		2	mg/L		15-JUL-08	FOD	R694221
Total Suspended Solids	7		3	mg/L		15-JUL-08	SVG	R694349
pH	7.1		0.1	pH		15-JUL-08	WYA	R694231

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Qualifiers for Individual Samples Listed:

Sample Numbe	Client ID	Qualifier	Description
L654816-4	ROBERTS BAY DRAINAGE	SPL	TP - Sample was Preserved at the laboratory

Sample Parameter Qualifier key listed:

Qualifier	Description
DLA	Detection Limit Adjusted For Dilution
DLM	Detection Limit Adjustment For Sample Matrix Effects
RRVAP	Reported Result Verified by Alternate Process
SOL:MI	Surrogate recovery outside acceptable limits due to matrix interference
SP	Sample was Preserved at the laboratory

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BTX,F1-CL	Water	BTEX and F1 (C6-C10)	EPA 5030B	EPA 5030/8015& 8260-P&T GC-MS/FID
COD-ED	Water	Chemical Oxygen Demand		APHA 5220 D-Micro Colorimetry
ETL-N-TOT-CALC-ED	Water	Nitrogen, Total		APHA 4500 N-Calculated
F2,F3,F4-CL	Water	F2, F3, F4	EPA 3510C	EPA 3510/8000-GC-FID
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)		EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals		EPA 200.7
N-TOTKJ-ED	Water	Total Kjeldahl Nitrogen		APHA 4500N-C -Dig.-Auto-Colorimetry
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3-H - COLORIMETRY
OGG-ED	Water	Oil and Grease-Gravimetric		APHA 5520 G HEXANE MTBE EXT. GRAVIME
P-TOTAL-ED	Water	Phosphorus, Total		APHA 4500 P B,E-Auto-Colorimetry
PAH-CCME-ED	Water	CCME PAHs		EPA 3510/8270-GC/MS
PH-ED	Water	pH		APHA 4500 H-Electrode
PHENOLS-4AAP-ED	Water	Phenols (4AAP)		AB ENV.06537-COLORIMETRIC
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
CL	ALS LABORATORY GROUP - CALGARY, ALBERTA, CANADA	ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

Reference Information

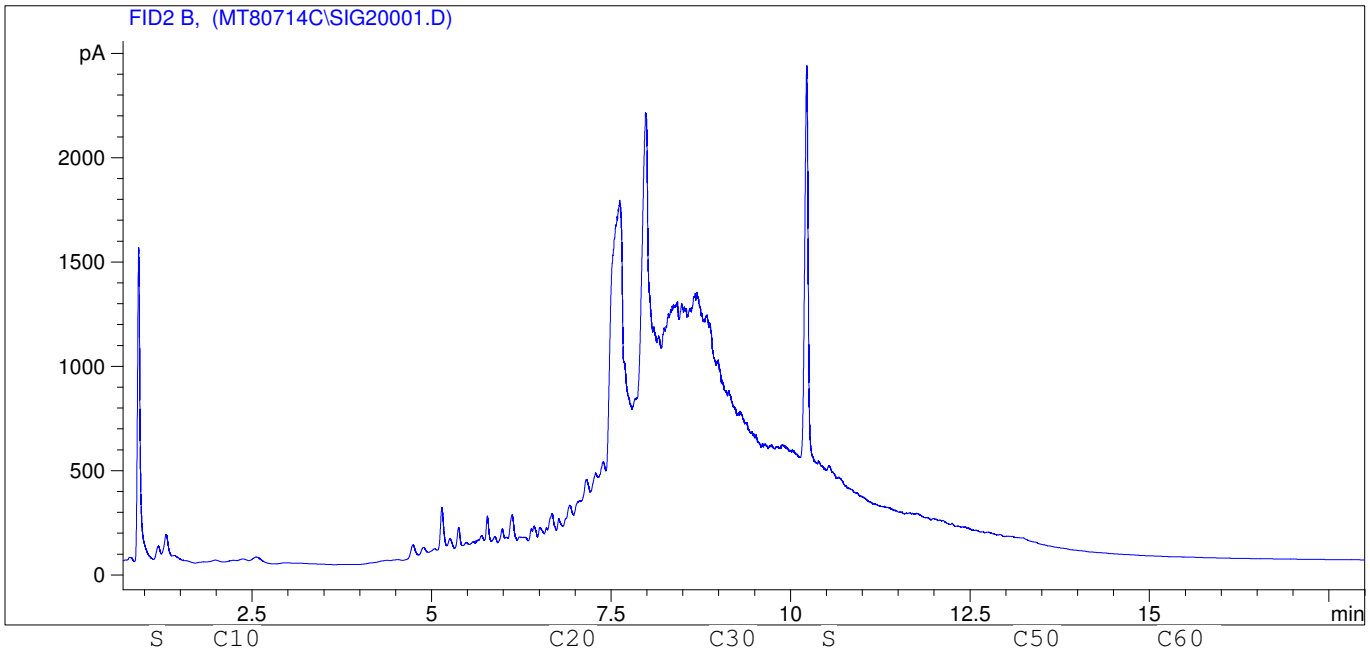
GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

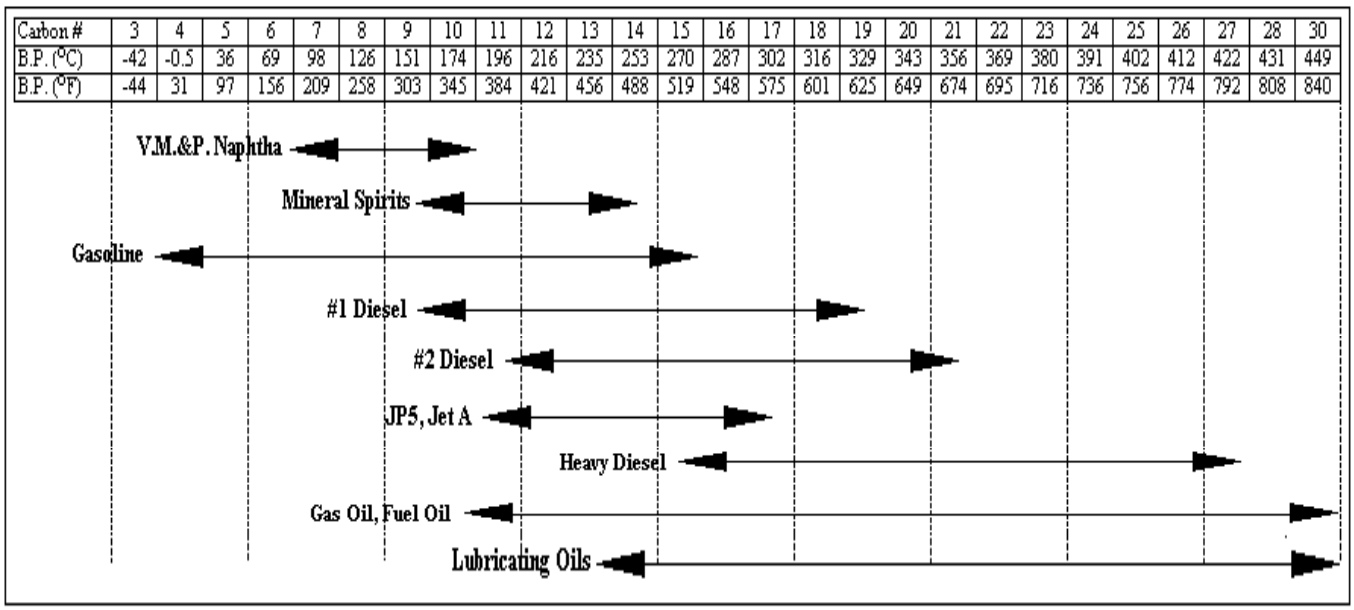
Client ID: HOP-4B ->

Sample ID: L654816-1 V3F23
Injection Date: 7/15/2008 2:24:25 PM
Injection Time: 7/15/2008 2:24:25 PM
Instrument ID: 6890HP6
Operator: organics



S=Surrogate

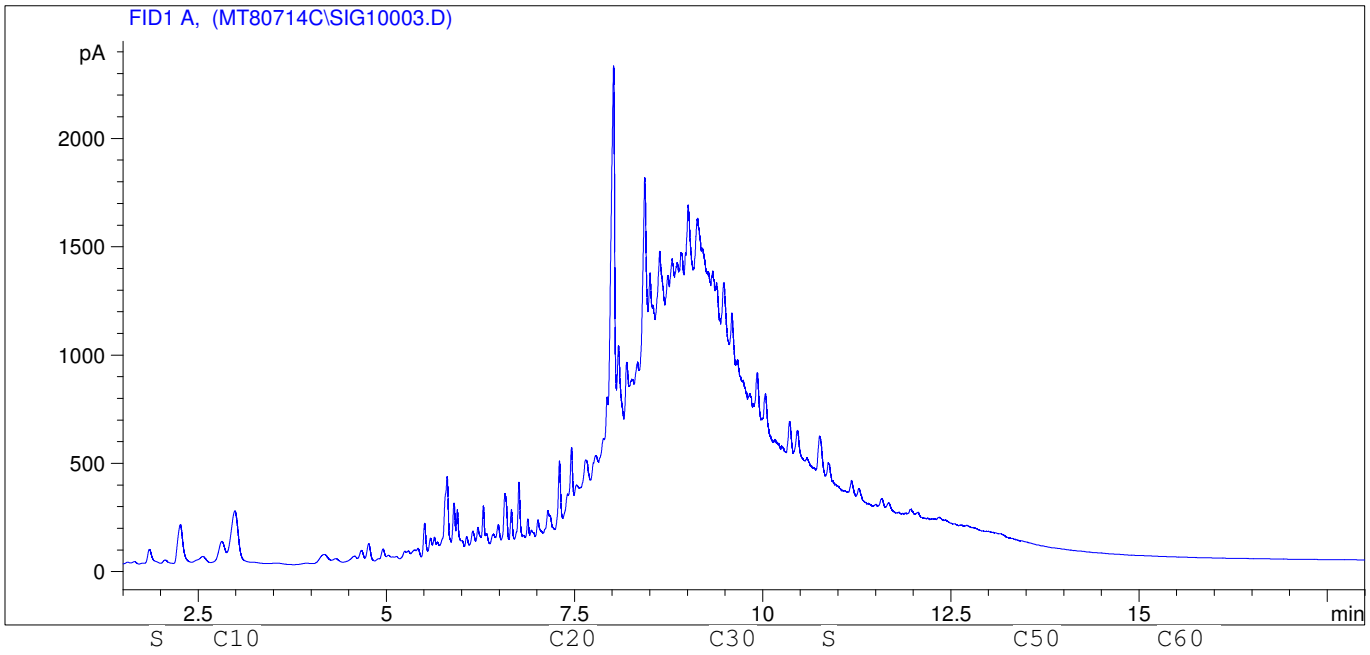
Boiling Point Distribution Range for Petroleum Based Fuel Products



Adapted from: Drews, A.W.,ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII.

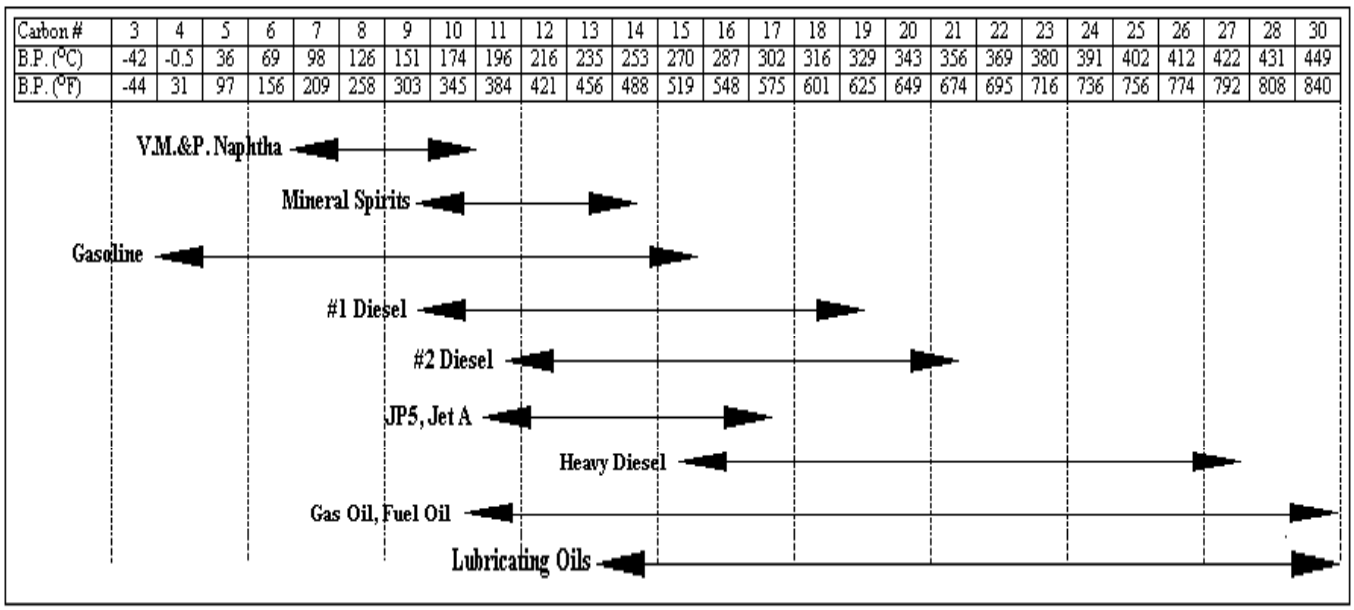
Client ID: HOP-4A ->

Sample ID: L654816-2 V30F23
Injection Date: 7/15/2008 3:26:04 PM
Injection Time: 7/15/2008 3:26:04 PM
Instrument ID: 6890HP6
Operator: organics



S=Surrogate

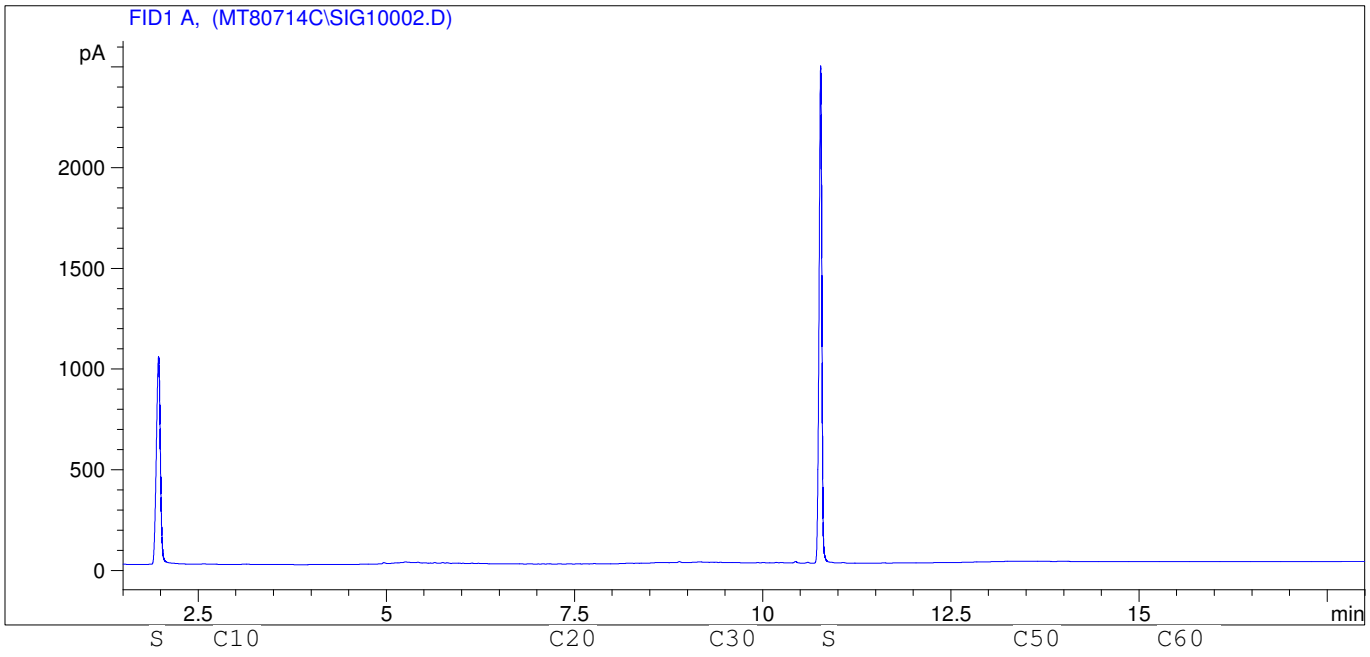
Boiling Point Distribution Range for Petroleum Based Fuel Products



Adapted from: Drews, A.W.,ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII.

Client ID: ROBERTS BAY RBD-A ->

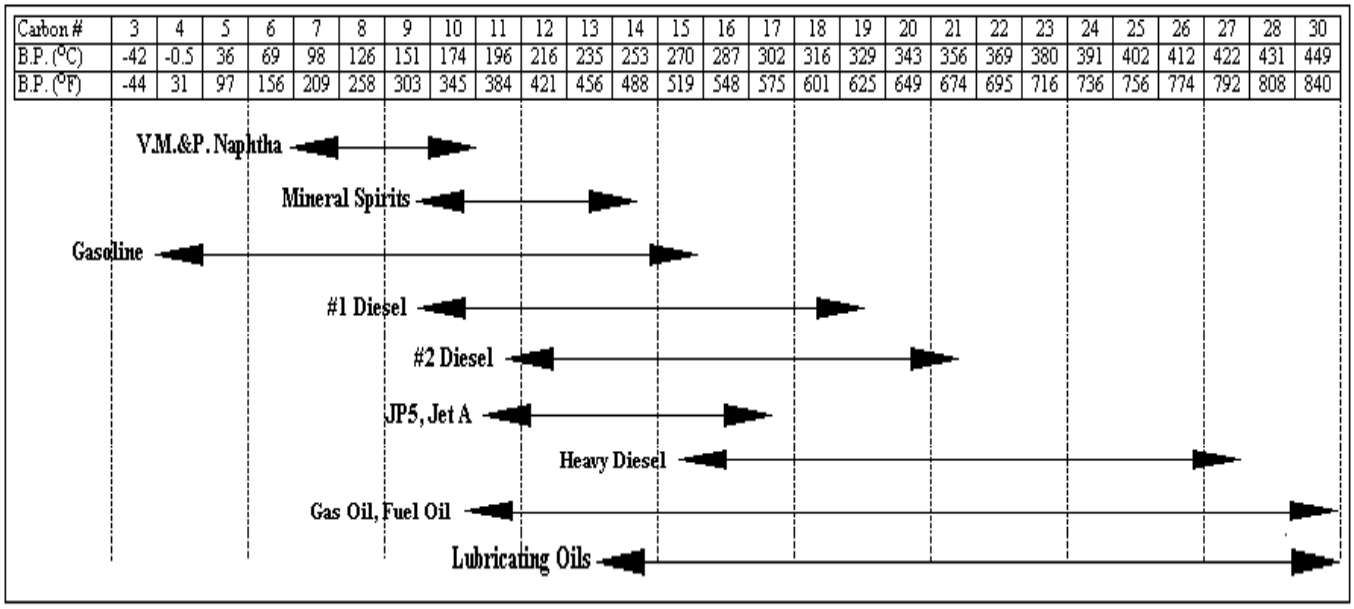
Sample ID: L654816-3RE V3F2
Injection Date: 7/15/2008 2:55:15 PM
Injection Time: 7/15/2008 2:55:15 PM
Instrument ID: 6890HP6
Operator: organics



S=Surrogate

Boiling Point Distribution Range for Petroleum Based Fuel Products

Carbon #	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	30
B.P. (°C)	-42	-0.5	36	69	98	126	151	174	196	216	235	253	270	287	302	316	329	343	356	369	380	391	402	412	422	431	449
B.P. (°F)	-44	31	97	156	209	258	303	345	384	421	456	488	519	548	575	601	625	649	674	695	716	736	756	774	792	808	840



Adapted from: Drews, A.W.,ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII.

ALS Environmental
ANALYTICAL CHEMISTRY & TESTING SERVICES

www.alsenviro.com

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Fort St. John BC, Box 256, 9831 - 98A Avenue, V1J 6W7, Tel: 250-261-5517 Fax: 250-261-5587
Grand Prairie AB, 9505 - 111 Street, T8V 5W1, Tel: 780-539-5196 Toll Free: 1-800-668-9878 Fax: 780-513-2191
Fort McMurray AB, Bay 1, 245 Macdonald Cr, T9H 4B5, Tel: 780-791-1524 Fax: 780-791-1586
Edmonton AB, 9936 - 67th Avenue, T6E 0P5, Tel: 780-413-5227 Toll Free: 1-800-668-9878 Fax: 780-437-2311
Calgary AB, Bay 7, 1313 - 44th Avenue NE, T2E 6L5, Tel: 403-291-9897 Toll Free: 1-800-668-9878 Fax: 403-291-0298
Saskatoon SK, 819 - 58th Street East, S7K 6X5, Tel: 306-668-8370 Toll Free: 1-800-667-7645 Fax: 306-668-8383

L654816

SEND REPORT TO:

CHAIN OF CUSTODY FORM

COMPANY:	Newmont Hope Bay Limited			ATTN:	Matt Kawei
ADDRESS:	300-889 Habourside Drive				
CITY:	North Vancouver	PROV:	British Columbia	POSTAL CODE:	V7P 3S1
TEL:	1-604-985-2572	FAX:	1-604-980-0731	SAMPLER:	Jill Turk
PROJECT NAME AND NO.:	Compliance Water Samples			QUOTE NO:	
PO NO.:	M00356_L1	ALS CONTACT:	Randy Fournier		
REPORT FORMAT:	☑ HARDCOPY ☐ EMAIL - ADDRESS: mkawei@miramarmining.com ☐ FAX ☐ EXCEL ☑ PDF ☐ OTHER:				

ANALYSIS REQUESTED:

FOR LAB USE ONLY	WO#	SAMPLE IDENTIFICATION	DATE / TIME COLLECTED YYYY-MM-DD	TIME	MATRIX	General (pH, TSS)	Total Metals (36 ICP Scan)	PAH & TPH	Oil & Grease	BTEX	Fractions (F1-F4)	Phenols	NOTES (sample specific comments, due dates, etc.)
	1	HOP-4B	2008-07-09	16:15	water	X							
		HOP-4B	2008-07-09	16:15	water		X						5 mls 20% Nitric Acid
		HOP-4B	2008-07-09	16:15	water			X					Not preserved
		HOP-4B	2008-07-09	16:15	water			X					
		HOP-4B	2008-07-09	16:15	water				X				
		HOP-4B	2008-07-09	16:15	water					X			
		HOP-4B	2008-07-09	16:15	water						X		
		HOP-4B	2008-07-09	16:15	water							X	
	2	HOP-4A	2008-07-09	16:15	water	X							
		HOP-4A	2008-07-09	16:15	water		X						5 mls 20% Nitric Acid
		HOP-4A	2008-07-09	16:15	water			X					
		HOP-4A	2008-07-09	16:15	water			X					
		HOP-4A	2008-07-09	16:15	water				X				Not preserved
		HOP-4A	2008-07-09	16:15	water					X			
		HOP-4A	2008-07-09	16:15	water						X		
		HOP-4A	2008-07-09	16:15	water							X	

TURN AROUND REQUIRED:	◉ ROUTINE ○ RUSH SPECIFY DATE: (surcharge may apply)	RELINQUISHED BY:	DATE:		RECEIVED BY:	DATE: July 11/08
			TIME:		R. Fournier	TIME: 1600h
SEND INVOICE TO:	☑ SAME AS REPORT ☐ DIFFERENT FROM REPORT (provide details below)	RELINQUISHED BY:	DATE:	July 12/08	RECEIVED BY:	DATE:
INVOICE FORMAT:	☑ HARDCOPY ☑ PDF ☐ FAX	R. Fournier	TIME:	12:00		TIME:

SPECIAL INSTRUCTIONS: Please send invoice to Attention: HBML Accounting Section using the above address: Please quote this Project Cost Centre: PO#M00356 Line # 1 on your Invoice unless stated differently on the next Chain of Custody. Electronic results to:mkawei@miramarmining.com

FOR LAB USE ONLY

Cooler Seal Intact?	Sample Temperature:	Cooling Method?
___Yes ___No ___N/A	Frozen? ___Yes ___No	___Icepacks ___Ice ___None

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Fort St. John BC, Box 256, 9831 - 98A Avenue, V1J 6W7, Tel: 250-261-5517 Fax: 250-261-5587
Grand Prairie AB, 9505 - 111 Street, T8V 5W1, Tel: 780-539-5196 Toll Free: 1-800-668-9878 Fax: 780-513-2191
Fort McMurray AB, Bay 1, 245 Macdonald Cr. T9H 4B5, Tel: 780-791-1524 Fax: 780-791-1586
Edmonton AB, 9936 - 67th Avenue, T6E 0P5, Tel: 780-413-5227 Toll Free: 1-800-668-9878 Fax: 780-437-2311
Calgary AB, Bay 7, 1313 - 44th Avenue NE, T2E 6L5, Tel: 403-291-9897 Toll Free: 1-800-668-9878 Fax: 403-291-0298
Saskatoon SK, 819 - 58th Street East, S7K 6X5, Tel: 306-668-8370 Toll Free: 1-800-667-7645 Fax: 306-668-8383

L 654816

SEND REPORT TO:

CHAIN OF CUSTODY FORM

COMPANY:	Newmont Hope Bay Limited			ATTN:	Matt Kawei
ADDRESS:	300-889 Habourside Drive				
CITY:	North Vancouver	PROV:	British Columbia	POSTAL CODE:	V7P 3S1
TEL:	1-604-985-2572	FAX:	1-604-980-0731	SAMPLER:	Matt Kawei/Jill Turk
PROJECT NAME AND NO.:				QUOTE NO:	
PO NO.:	M00356_L1	ALS CONTACT:	Randy Fournier		
REPORT FORMAT:	☑ HARDCOPY ☐ EMAIL - ADDRESS: mkawei@miramarmining.com				
	☐ FAX ☐ EXCEL ☑ PDF ☐ OTHER:				

ANALYSIS REQUESTED:

WO#	SAMPLE IDENTIFICATION	DATE / TIME COLLECTED YYYY-MM-DD	TIME	MATRIX	General (pH, TSS)	Total Metals (36 ICP Scan)	PAH & TPH	Oil & Grease	BTEX	Fractions (F1-F4)	Phenols	TC, FC, EC	Biochemical Oxygen Demand	Nutrient/COD					NOTES (sample specific comments, due dates, etc.)
3	Roberts Bay RBD-A	2008-07-05	14:45	water	X														
	Roberts Bay RBD-A	2008-07-05	14:45	water		X													20% nitric acid
	Roberts Bay RBD-A	2008-07-05	14:45	water				X											no preservative
4	Roberts Bay Drainage	2008-07-05	14:45	water										X					
	Roberts Bay RBD-A	2008-07-05	14:45	water					X										
	Roberts Bay RBD-A	2008-07-05	14:45	water						X									
	Roberts Bay RBD-A	2008-07-06	14:45	water							X								
	Roberts Bay RBD-A	2008-07-05	14:45	water			X												no preservative
5	Doris-A	2008-07-05	13:00	water	X														
	Doris-A	2008-07-05	13:00	water		X													20% nitric acid
	Doris-A	2008-07-05	13:00	water				X											

FOR LAB USE ONLY

TURN AROUND REQUIRED:	◉ ROUTINE ○ RUSH	SPECIFY DATE:	(surcharge may apply)		
SEND INVOICE TO:	☑ SAME AS REPORT ☐ DIFFERENT FROM REPORT (provide details below)				
INVOICE FORMAT:	☑ HARDCOPY ☑ PDF ☐ FAX				
SPECIAL INSTRUCTIONS:	Please send invoice to Attention: HBML Accounting Section using the above address: Please quote this Project Cost Centre: PO#M00356 Line # 1 on your Invoice unless stated differently on the next Chain of Custody. Electronic results to:mkawei@miramarmining.com				

RELINQUISHED BY:		DATE:		RECEIVED BY:	DATE: July 12/08
		TIME:		R. Fournier	TIME: 1600h
RELINQUISHED BY:		DATE:	July 12/08	RECEIVED BY:	DATE:
R. Fournier		TIME:	12:00		TIME:

FOR LAB USE ONLY

Cooler Seal Intact? ___Yes ___No ___N/A	Sample Temperature: ____°C Frozen? ___Yes ___No	Cooling Method? ___Icepacks ___Ice ___None

Certificate of Analysis

HOPE BAY MINING LTD

ATTN: MATT KAWEI

300, 889 HARBOURSIDE DRIVE

NORTH VANCOUVER BC V7P 3S1

Reported On: 10-NOV-08 11:34 AM

Lab Work Order #: **L703160** **Date Received:** **31-OCT-08**

Project P.O. #: M00357_LINE#2
Job Reference: WINDY LTA SOIL SAMPLES
Legal Site Desc:
CofC Numbers:

Other Information:

Comments:

JESSICA SPIRA
Senior Account Manager

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L703160-1 WLTA-S01								
Sampled By: M KAWEI on 30-OCT-08 @ 15:00								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Toluene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Ethylbenzene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Xylenes	<0.02		0.02	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	98		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Surr: Hexatriacontane	97		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Prep/Analysis Dates					04-NOV-08	04-NOV-08	CVC	R752539
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg		06-NOV-08		
F1-BTEX	<5		5	mg/kg		06-NOV-08		
F2 (C10-C16)	<20		20	mg/kg		06-NOV-08		
F2-Naphth	<20		20	mg/kg		06-NOV-08		
F3 (C16-C34)	50		20	mg/kg		06-NOV-08		
F3-PAH	50		20	mg/kg		06-NOV-08		
F4 (C34-C50)	30		20	mg/kg		06-NOV-08		
Total Hydrocarbons (C6-C50)	80		20	mg/kg		06-NOV-08		
Chromatogram to baseline at nC50	YES					06-NOV-08		
% Moisture	15		0.1	%		04-NOV-08	CFS	R751983
CCME PAHs								
Naphthalene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Quinoline	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Phenanthrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(b&j)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(k)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Indeno(1,2,3-cd)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Dibenzo(a,h)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Surr: Nitrobenzene d5	47		20-140	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: 2-Fluorobiphenyl	64		34-136	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: p-Terphenyl d14	97		41-150	%	04-NOV-08	06-NOV-08	PCL	R751447
Metals in Soil - CCME List								
Silver (Ag)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Arsenic (As)	1.7		0.2	mg/kg		06-NOV-08	MSP	R753422
Barium (Ba)	27		5	mg/kg		06-NOV-08	MSP	R753422
Beryllium (Be)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Cadmium (Cd)	<0.5		0.5	mg/kg		06-NOV-08	MSP	R753422
Cobalt (Co)	5		1	mg/kg		06-NOV-08	MSP	R753422
Chromium (Cr)	21.1		0.5	mg/kg		06-NOV-08	MSP	R753422
Copper (Cu)	17		2	mg/kg		06-NOV-08	MSP	R753422
Mercury (Hg)	<0.05		0.05	mg/kg		06-NOV-08	MSP	R753422
Molybdenum (Mo)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Nickel (Ni)	13		2	mg/kg		06-NOV-08	MSP	R753422
Lead (Pb)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Antimony (Sb)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Selenium (Se)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Tin (Sn)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Thallium (Tl)	<1		1	mg/kg		06-NOV-08	MSP	R753422

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L703160-1 WLTA-S01								
Sampled By: M KAWEI on 30-OCT-08 @ 15:00								
Matrix: SOIL								
Metals in Soil - CCME List								
Uranium (U)	<2		2	mg/kg		06-NOV-08	MSP	R753422
Vanadium (V)	25		1	mg/kg		06-NOV-08	MSP	R753422
Zinc (Zn)	30		10	mg/kg		06-NOV-08	MSP	R753422
Phenols (4AAP)	0.10		0.05	mg/kg	07-NOV-08	07-NOV-08	MRS	R753710
pH	6.4		0.1	pH		05-NOV-08	SRJ	R752404
L703160-2 WLTA-S02								
Sampled By: M KAWEI on 30-OCT-08 @ 15:30								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Toluene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Ethylbenzene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Xylenes	<0.02		0.02	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	101		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Surr: Hexatriacontane	104		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Prep/Analysis Dates					04-NOV-08	04-NOV-08	CVC	R752539
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg		06-NOV-08		
F1-BTEX	<5		5	mg/kg		06-NOV-08		
F2 (C10-C16)	<20	RAMB	20	mg/kg		06-NOV-08		
F2-Naphth	<20		20	mg/kg		06-NOV-08		
F3 (C16-C34)	140		20	mg/kg		06-NOV-08		
F3-PAH	140		20	mg/kg		06-NOV-08		
F4 (C34-C50)	50		20	mg/kg		06-NOV-08		
Total Hydrocarbons (C6-C50)	190		20	mg/kg		06-NOV-08		
Chromatogram to baseline at nC50	YES					06-NOV-08		
% Moisture	12		0.1	%		04-NOV-08	CFS	R751983
CCME PAHs								
Naphthalene	0.12		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Quinoline	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Phenanthrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(b&j)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(k)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Indeno(1,2,3-cd)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Dibenzo(a,h)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Surr: Nitrobenzene d5	35		20-140	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: 2-Fluorobiphenyl	60		34-136	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: p-Terphenyl d14	93		41-150	%	04-NOV-08	06-NOV-08	PCL	R751447
Metals in Soil - CCME List								
Silver (Ag)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Arsenic (As)	2.5		0.2	mg/kg		06-NOV-08	MSP	R753422
Barium (Ba)	17		5	mg/kg		06-NOV-08	MSP	R753422
Beryllium (Be)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Cadmium (Cd)	<0.5		0.5	mg/kg		06-NOV-08	MSP	R753422

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L703160-2 WLTA-S02								
Sampled By: M KAWEI on 30-OCT-08 @ 15:30								
Matrix: SOIL								
Metals in Soil - CCME List								
Cobalt (Co)	5		1	mg/kg		06-NOV-08	MSP	R753422
Chromium (Cr)	16.8		0.5	mg/kg		06-NOV-08	MSP	R753422
Copper (Cu)	19		2	mg/kg		06-NOV-08	MSP	R753422
Mercury (Hg)	<0.05		0.05	mg/kg		06-NOV-08	MSP	R753422
Molybdenum (Mo)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Nickel (Ni)	12		2	mg/kg		06-NOV-08	MSP	R753422
Lead (Pb)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Antimony (Sb)	0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Selenium (Se)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Tin (Sn)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Thallium (Tl)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Uranium (U)	<2		2	mg/kg		06-NOV-08	MSP	R753422
Vanadium (V)	20		1	mg/kg		06-NOV-08	MSP	R753422
Zinc (Zn)	20		10	mg/kg		06-NOV-08	MSP	R753422
Phenols (4AAP)	0.10		0.05	mg/kg	07-NOV-08	07-NOV-08	MRS	R753710
pH	7.5		0.1	pH		05-NOV-08	SRJ	R752404
L703160-3 WLTA-S03								
Sampled By: M KAWEI on 30-OCT-08 @ 16:00								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Toluene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Ethylbenzene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Xylenes	<0.02		0.02	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	92		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Surr: Hexatriacontane	91		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Prep/Analysis Dates					04-NOV-08	04-NOV-08	CVC	R752539
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg		06-NOV-08		
F1-BTEX	<5		5	mg/kg		06-NOV-08		
F2 (C10-C16)	<20		20	mg/kg		06-NOV-08		
F2-Naphth	<20		20	mg/kg		06-NOV-08		
F3 (C16-C34)	30		20	mg/kg		06-NOV-08		
F3-PAH	30		20	mg/kg		06-NOV-08		
F4 (C34-C50)	30		20	mg/kg		06-NOV-08		
Total Hydrocarbons (C6-C50)	60		20	mg/kg		06-NOV-08		
Chromatogram to baseline at nC50	YES					06-NOV-08		
% Moisture	16		0.1	%		04-NOV-08	CFS	R751983
CCME PAHs								
Naphthalene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Quinoline	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Phenanthrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(b&j)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(k)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L703160-3 WLTA-S03								
Sampled By: M KAWEI on 30-OCT-08 @ 16:00								
Matrix: SOIL								
CCME PAHs								
Indeno(1,2,3-cd)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Dibenzo(a,h)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Surr: Nitrobenzene d5	39		20-140	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: 2-Fluorobiphenyl	57		34-136	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: p-Terphenyl d14	94		41-150	%	04-NOV-08	06-NOV-08	PCL	R751447
Metals in Soil - CCME List								
Silver (Ag)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Arsenic (As)	1.5		0.2	mg/kg		06-NOV-08	MSP	R753422
Barium (Ba)	23		5	mg/kg		06-NOV-08	MSP	R753422
Beryllium (Be)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Cadmium (Cd)	<0.5		0.5	mg/kg		06-NOV-08	MSP	R753422
Cobalt (Co)	4		1	mg/kg		06-NOV-08	MSP	R753422
Chromium (Cr)	19.6		0.5	mg/kg		06-NOV-08	MSP	R753422
Copper (Cu)	12		2	mg/kg		06-NOV-08	MSP	R753422
Mercury (Hg)	<0.05		0.05	mg/kg		06-NOV-08	MSP	R753422
Molybdenum (Mo)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Nickel (Ni)	11		2	mg/kg		06-NOV-08	MSP	R753422
Lead (Pb)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Antimony (Sb)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Selenium (Se)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Tin (Sn)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Thallium (Tl)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Uranium (U)	<2		2	mg/kg		06-NOV-08	MSP	R753422
Vanadium (V)	25		1	mg/kg		06-NOV-08	MSP	R753422
Zinc (Zn)	30		10	mg/kg		06-NOV-08	MSP	R753422
Phenols (4AAP)	0.15		0.05	mg/kg	07-NOV-08	07-NOV-08	MRS	R753710
pH	8.0		0.1	pH		05-NOV-08	SRJ	R752404
L703160-4 WLTA-S04								
Sampled By: M KAWEI on 30-OCT-08 @ 16:30								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Toluene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Ethylbenzene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Xylenes	<0.02		0.02	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	97		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Surr: Hexatriacontane	95		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Prep/Analysis Dates					04-NOV-08	04-NOV-08	CVC	R752539
CCME Total Hydrocarbons								
F1 (C6-C10)	8		5	mg/kg		06-NOV-08		
F1-BTEX	8		5	mg/kg		06-NOV-08		
F2 (C10-C16)	<20		20	mg/kg		06-NOV-08		
F2-Naphth	<20		20	mg/kg		06-NOV-08		
F3 (C16-C34)	30		20	mg/kg		06-NOV-08		
F3-PAH	30		20	mg/kg		06-NOV-08		
F4 (C34-C50)	40		20	mg/kg		06-NOV-08		
Total Hydrocarbons (C6-C50)	80		20	mg/kg		06-NOV-08		
Chromatogram to baseline at nC50	YES					06-NOV-08		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L703160-4 WLTA-S04								
Sampled By: M KAWEI on 30-OCT-08 @ 16:30								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
% Moisture	17		0.1	%		04-NOV-08	CFS	R751983
CCME PAHs								
Naphthalene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Quinoline	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Phenanthrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(b&j)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(k)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Indeno(1,2,3-cd)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Dibenzo(a,h)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Surr: Nitrobenzene d5	59		20-140	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: 2-Fluorobiphenyl	65		34-136	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: p-Terphenyl d14	98		41-150	%	04-NOV-08	06-NOV-08	PCL	R751447
Metals in Soil - CCME List								
Silver (Ag)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Arsenic (As)	1.9		0.2	mg/kg		06-NOV-08	MSP	R753422
Barium (Ba)	29		5	mg/kg		06-NOV-08	MSP	R753422
Beryllium (Be)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Cadmium (Cd)	<0.5		0.5	mg/kg		06-NOV-08	MSP	R753422
Cobalt (Co)	5		1	mg/kg		06-NOV-08	MSP	R753422
Chromium (Cr)	23.2		0.5	mg/kg		06-NOV-08	MSP	R753422
Copper (Cu)	15		2	mg/kg		06-NOV-08	MSP	R753422
Mercury (Hg)	<0.05		0.05	mg/kg		06-NOV-08	MSP	R753422
Molybdenum (Mo)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Nickel (Ni)	13		2	mg/kg		06-NOV-08	MSP	R753422
Lead (Pb)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Antimony (Sb)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Selenium (Se)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Tin (Sn)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Thallium (Tl)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Uranium (U)	<2		2	mg/kg		06-NOV-08	MSP	R753422
Vanadium (V)	27		1	mg/kg		06-NOV-08	MSP	R753422
Zinc (Zn)	30		10	mg/kg		06-NOV-08	MSP	R753422
Phenols (4AAP)	0.08		0.05	mg/kg	07-NOV-08	07-NOV-08	MRS	R753710
pH	6.0		0.1	pH		05-NOV-08	SRJ	R752404
L703160-5 WLTA-S05								
Sampled By: M KAWEI on 30-OCT-08 @ 17:00								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME BTEX								
Benzene	<0.005		0.005	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Toluene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Ethylbenzene	<0.01		0.01	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
Xylenes	<0.02		0.02	mg/kg	04-NOV-08	04-NOV-08	SPA	R752076
CCME Total Extractable Hydrocarbons								
Surr: 2-Bromobenzotrifluoride	93		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Surr: Hexatriacontane	97		25-175	%	04-NOV-08	04-NOV-08	CVC	R752539
Prep/Analysis Dates					04-NOV-08	04-NOV-08	CVC	R752539

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L703160-5 WLTA-S05								
Sampled By: M KAWEI on 30-OCT-08 @ 17:00								
Matrix: SOIL								
CCME BTEX, TVHs and TEHs								
CCME Total Hydrocarbons								
F1 (C6-C10)	<5		5	mg/kg		06-NOV-08		
F1-BTEX	<5		5	mg/kg		06-NOV-08		
F2 (C10-C16)	<20		20	mg/kg		06-NOV-08		
F2-Naphth	<20		20	mg/kg		06-NOV-08		
F3 (C16-C34)	70		20	mg/kg		06-NOV-08		
F3-PAH	70		20	mg/kg		06-NOV-08		
F4 (C34-C50)	50		20	mg/kg		06-NOV-08		
Total Hydrocarbons (C6-C50)	120		20	mg/kg		06-NOV-08		
Chromatogram to baseline at nC50	YES					06-NOV-08		
% Moisture	22		0.1	%		04-NOV-08	CFS	R751983
CCME PAHs								
Naphthalene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Quinoline	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Phenanthrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(b&j)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(k)fluoranthene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Benzo(a)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Indeno(1,2,3-cd)pyrene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Dibenzo(a,h)anthracene	<0.01		0.01	mg/kg	04-NOV-08	06-NOV-08	PCL	R751447
Surr: Nitrobenzene d5	44		20-140	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: 2-Fluorobiphenyl	57		34-136	%	04-NOV-08	06-NOV-08	PCL	R751447
Surr: p-Terphenyl d14	96		41-150	%	04-NOV-08	06-NOV-08	PCL	R751447
Metals in Soil - CCME List								
Silver (Ag)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Arsenic (As)	1.3		0.2	mg/kg		06-NOV-08	MSP	R753422
Barium (Ba)	22		5	mg/kg		06-NOV-08	MSP	R753422
Beryllium (Be)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Cadmium (Cd)	<0.5		0.5	mg/kg		06-NOV-08	MSP	R753422
Cobalt (Co)	4		1	mg/kg		06-NOV-08	MSP	R753422
Chromium (Cr)	17.4		0.5	mg/kg		06-NOV-08	MSP	R753422
Copper (Cu)	15		2	mg/kg		06-NOV-08	MSP	R753422
Mercury (Hg)	<0.05		0.05	mg/kg		06-NOV-08	MSP	R753422
Molybdenum (Mo)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Nickel (Ni)	11		2	mg/kg		06-NOV-08	MSP	R753422
Lead (Pb)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Antimony (Sb)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Selenium (Se)	<0.2		0.2	mg/kg		06-NOV-08	MSP	R753422
Tin (Sn)	<5		5	mg/kg		06-NOV-08	MSP	R753422
Thallium (Tl)	<1		1	mg/kg		06-NOV-08	MSP	R753422
Uranium (U)	<2		2	mg/kg		06-NOV-08	MSP	R753422
Vanadium (V)	21		1	mg/kg		06-NOV-08	MSP	R753422
Zinc (Zn)	30		10	mg/kg		06-NOV-08	MSP	R753422
Phenols (4AAP)	0.13		0.05	mg/kg	07-NOV-08	07-NOV-08	MRS	R753710
pH	6.6		0.1	pH		05-NOV-08	SRJ	R752404

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RAMB	Result Adjusted For Method Blank

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
ETL-BTX,TVH-CCME-ED	Soil	CCME BTEX	EPA 5030	CCME CWS-PHC Dec-2000 - Pub# 1310
ETL-TVH,TEH-CCME-ED	Soil	CCME Total Hydrocarbons		CCME CWS-PHC Dec-2000 - Pub# 1310

Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.

Hydrocarbon results are expressed on a dry weight basis.

In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.

In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
3. Linearity of gasoline response within 15% throughout the calibration range.

Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

F2-4-TMB-ED	Soil	CCME Total Extractable Hydrocarbons		CCME CWS-PHC Dec-2000 - Pub# 1310
METAL-CCME-ED	Soil	Metals in Soil - CCME List	EPA 3050	EPA 6020
PAH-CCME-ED	Soil	CCME PAHs	EPA 3540C	EPA 3540/8270-GC/MS
PH-ED	Soil	pH		CSSS 16.3 - pH of 1:2 water extract
PHENOLS-CL	Soil	Phenols (4AAP)		EPA 9066

This analysis is carried out using procedures adapted from EPA METHOD 9065. Samples are steam distilled using Micro-distillation apparatus and the resulting distillate is analyzed for total phenolics colormetrically using the 4-AAP method. Any color produced by the reaction of phenolic compounds is reported as phenol. Because substitution generally reduces response, this value represents the minimum concentration of phenolic compounds present.

PREP-MOISTURE-ED	Soil	% Moisture		Oven dry 105C-Gravimetric

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
CL	ALS LABORATORY GROUP - CALGARY, ALBERTA, CANADA	ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

Reference Information

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

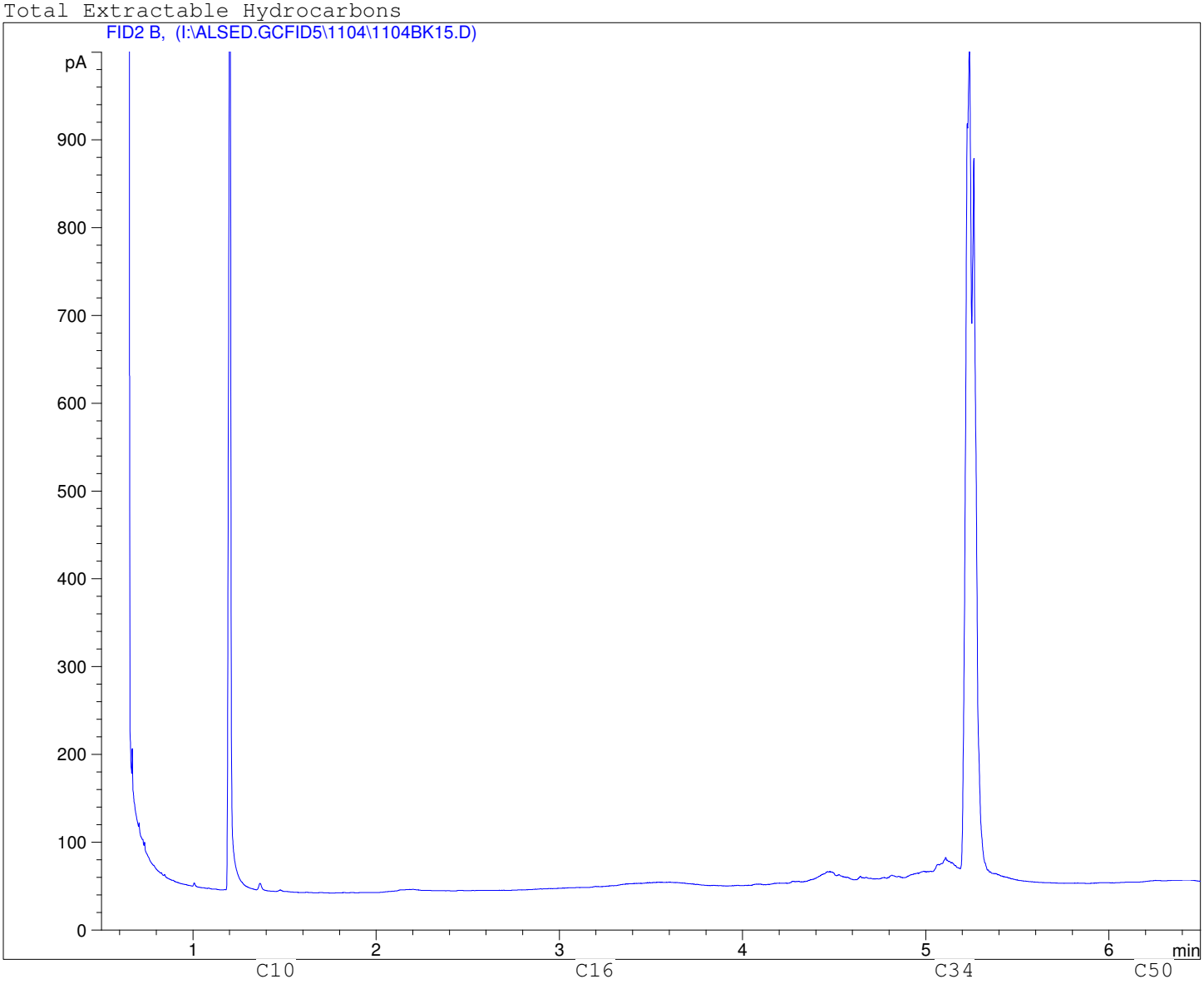
Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

Client ID: WLTA-S01

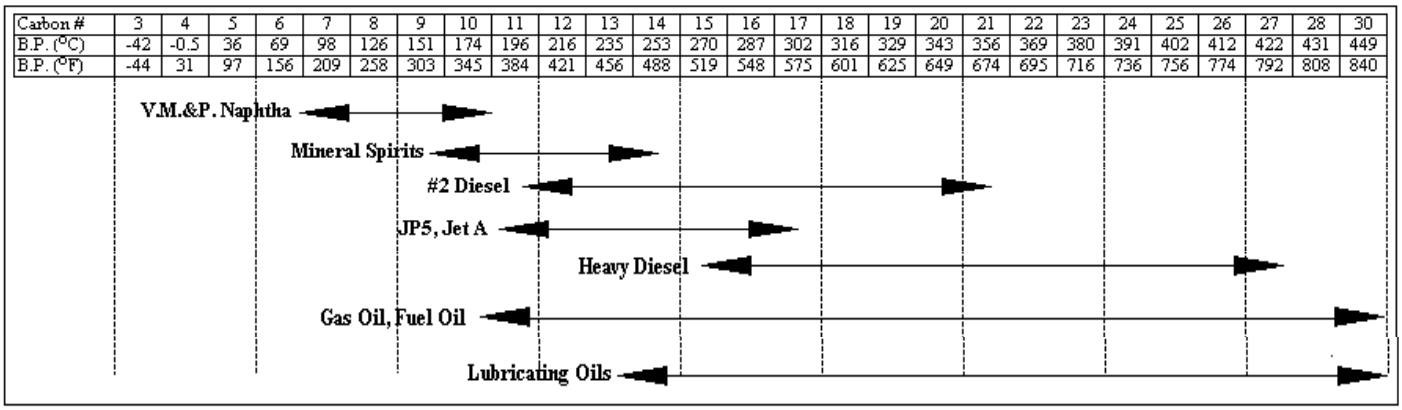
Sample ID: L703160-1 30
Injection Date: 11/5/2008 12:41:46 AM
Instrument: 6890

Total Extractable Hydrocarbons



Boiling Point Distribution Range of Petroleum Based Fuel Products

Carbon #	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	30
B.P. (°C)	-42	-0.5	36	69	98	126	151	174	196	216	235	253	270	287	302	316	329	343	356	369	380	391	402	412	422	431	449
B.P. (°F)	-44	31	97	156	209	258	303	345	384	421	456	488	519	548	575	601	625	649	674	695	716	736	756	774	792	808	840

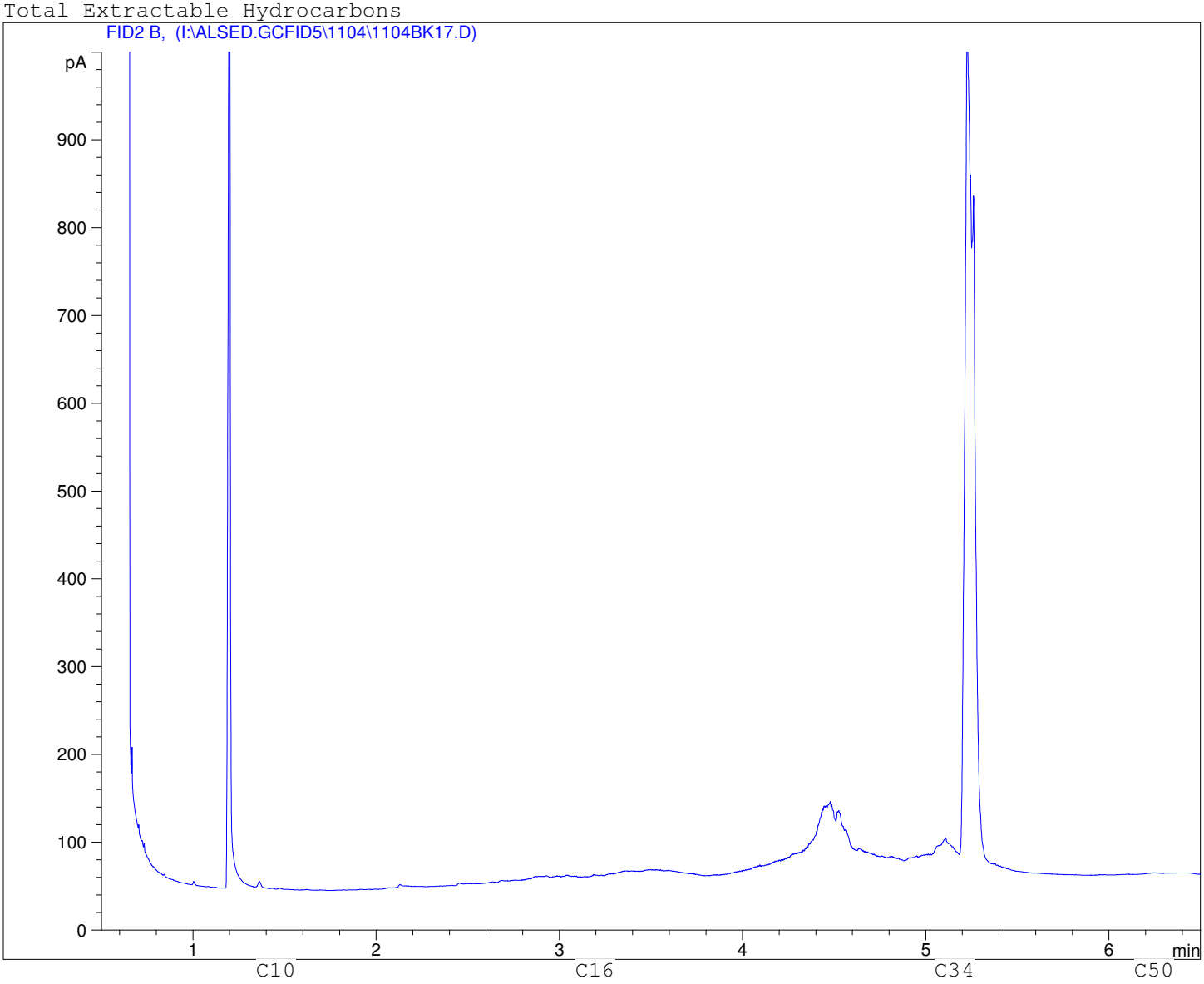


Adapted from: Drews, A.W., ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII

Client ID: WLTA-S02

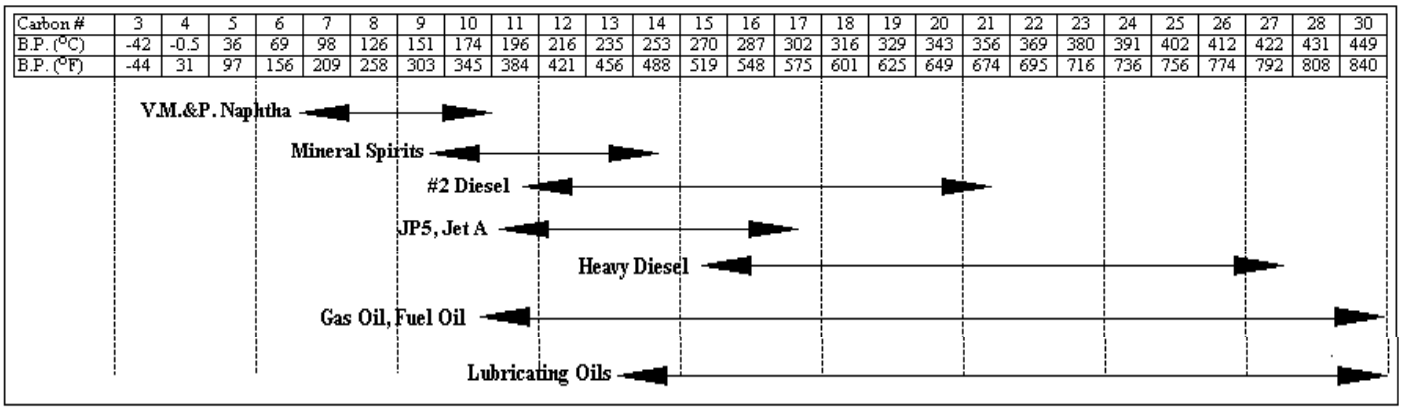
Sample ID: L703160-2 30
Injection Date: 11/5/2008 1:16:55 AM
Instrument: 6890

Total Extractable Hydrocarbons



Boiling Point Distribution Range of Petroleum Based Fuel Products

Carbon #	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	30
B.P. (°C)	-42	-0.5	36	69	98	126	151	174	196	216	235	253	270	287	302	316	329	343	356	369	380	391	402	412	422	431	449
B.P. (°F)	-44	31	97	156	209	258	303	345	384	421	456	488	519	548	575	601	625	649	674	695	716	736	756	774	792	808	840

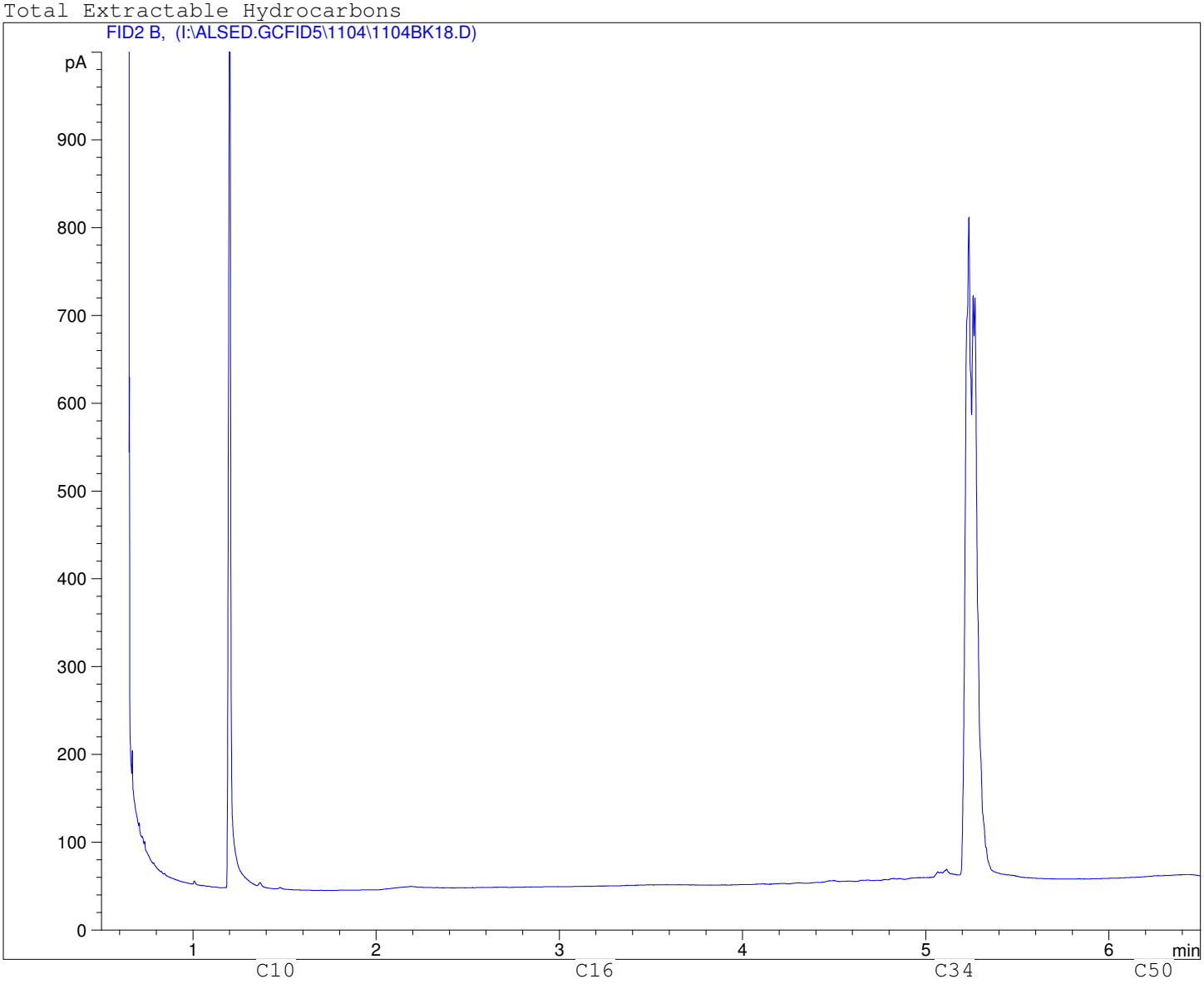


Adapted from: Drews, A.W., ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII

Client ID: WLTA-S03

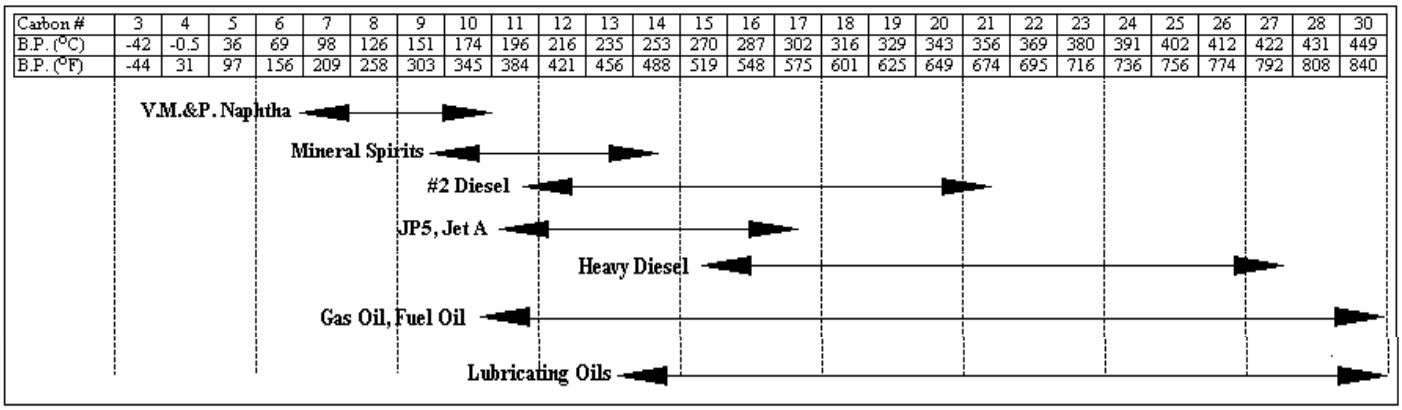
Sample ID: L703160-3 30
Injection Date: 11/5/2008 1:34:20 AM
Instrument: 6890

Total Extractable Hydrocarbons



Boiling Point Distribution Range of Petroleum Based Fuel Products

Carbon #	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	30
B.P. (°C)	-42	-0.5	36	69	98	126	151	174	196	216	235	253	270	287	302	316	329	343	356	369	380	391	402	412	422	431	449
B.P. (°F)	-44	31	97	156	209	258	303	345	384	421	456	488	519	548	575	601	625	649	674	695	716	736	756	774	792	808	840

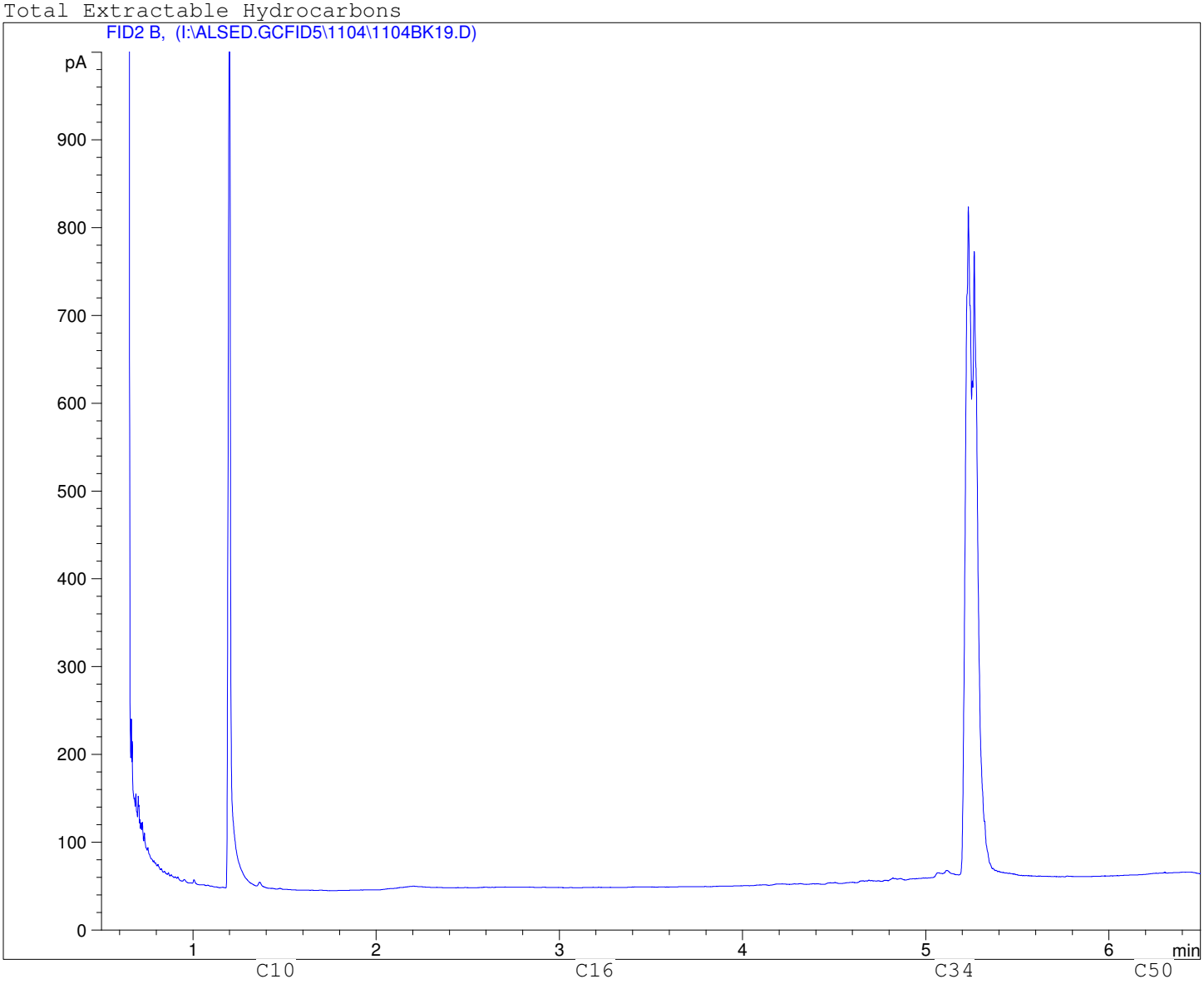


Adapted from: Drews, A.W., ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII

Client ID: WLTA-S04

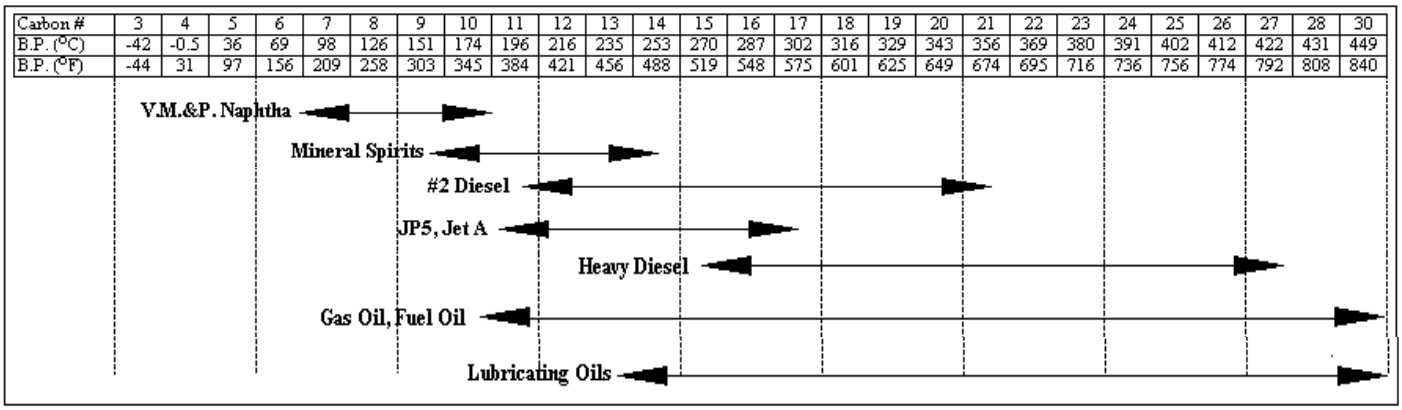
Sample ID: L703160-4 30
Injection Date: 11/5/2008 1:51:47 AM
Instrument: 6890

Total Extractable Hydrocarbons



Boiling Point Distribution Range of Petroleum Based Fuel Products

Carbon #	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	30
B.P. (°C)	-42	-0.5	36	69	98	126	151	174	196	216	235	253	270	287	302	316	329	343	356	369	380	391	402	412	422	431	449
B.P. (°F)	-44	31	97	156	209	258	303	345	384	421	456	488	519	548	575	601	625	649	674	695	716	736	756	774	792	808	840

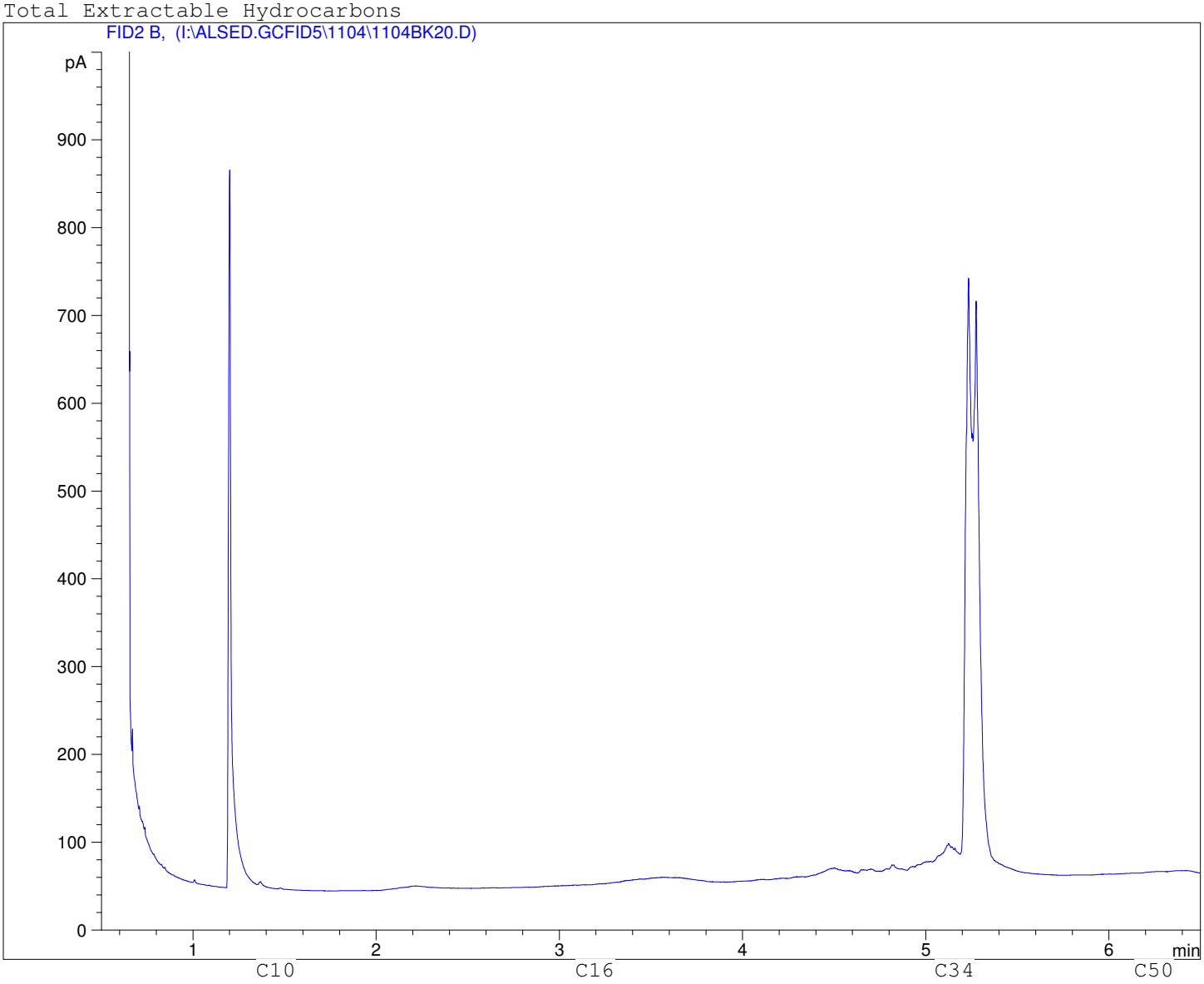


Adapted from: Drews, A.W., ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII

Client ID: WLTA-S05

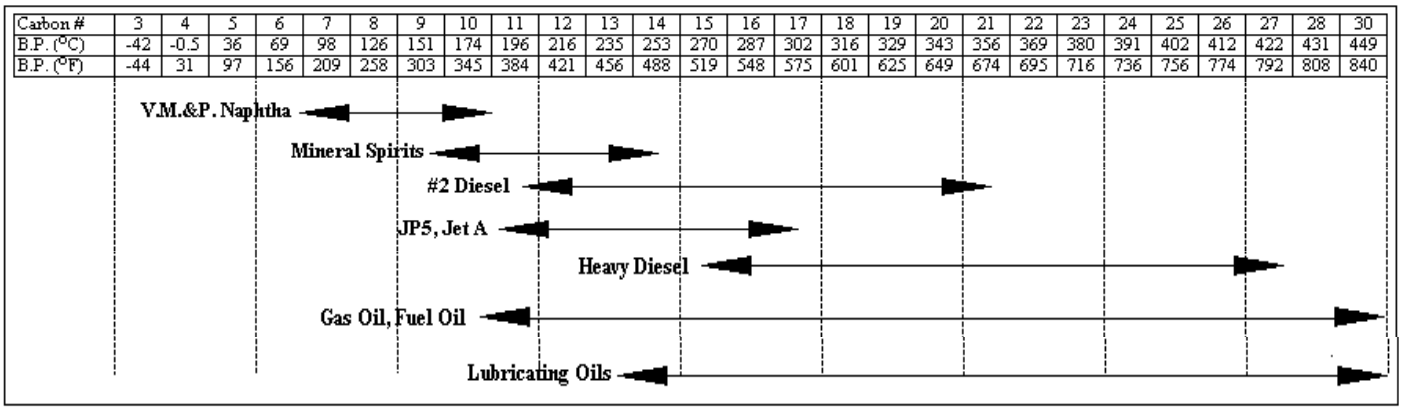
Sample ID: L703160-5 30
Injection Date: 11/5/2008 2:09:15 AM
Instrument: 6890

Total Extractable Hydrocarbons



Boiling Point Distribution Range of Petroleum Based Fuel Products

Carbon #	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	30
B.P. (°C)	-42	-0.5	36	69	98	126	151	174	196	216	235	253	270	287	302	316	329	343	356	369	380	391	402	412	422	431	449
B.P. (°F)	-44	31	97	156	209	258	303	345	384	421	456	488	519	548	575	601	625	649	674	695	716	736	756	774	792	808	840



Adapted from: Drews, A.W., ED. Manual on Hydrocarbon Analysis, 4th ed.; American Society for Testing and Materials: Philadelphia, PA., 1989: p XVIII

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ANALYTICAL CHEMISTRY & TESTING SERVICES

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Saskatoon SK, 819 - 58th Street East, S7K 6X5, Tel: 306-668-8370 Toll Free: 1-800-667-7645 Fax: 306-668-8383

2703160

SEND REPORT TO:

CHAIN OF CUSTODY FORM

COMPANY:	Newmont Hope Bay Limited			ATTN:	Matt Kawei
ADDRESS:	300-889 Habourside Drive				
CITY:	North Vancouver	PROV:	British Columbia	POSTAL CODE:	V7P 3S1
TEL:	1-604-985-2572	FAX:	1-604-980-0731	SAMPLER:	Matt Kawei
PROJECT NAME AND NO.:	Windy LTA Soil Samples			QUOTE NO:	
PO NO.:	M00357_Line#2	ALS CONTACT:	Randy Fournier		
REPORT FORMAT:	☑ HARDCOPY ☐ EMAIL - ADDRESS: Matthew.Kawei@Newmont.com ☐ FAX ☐ EXCEL ☑ PDF ☐ OTHER:				

ANALYSIS REQUESTED:

FOR LAB USE ONLY WO#	SAMPLE IDENTIFICATION	DATE / TIME COLLECTED YYYY-MM-DD	TIME	MATRIX	pH	Total Metals (36 ICP Scan)	PAH & TPH	Fractions (F1-F4)	BTEX	Phenols	NOTES (sample specific comments, due dates, etc.)
1	WLTA-s01	2008-10-30	3:00	sediment/soil	x	x					
	WLTA-s01	2008-10-30	3:00	sediment/soil			x			x	
	WLTA-s01	2008-10-30	3:00	sediment/soil				x	x		
2	WLTA-s02	2008-10-30	3:30	sediment/soil	x	x					
	WLTA-s02	2008-10-30	3:30	sediment/soil			x			x	
	WLTA-s02	2008-10-30	3:30	sediment/soil				x	x		
3	WLTA-s03	2008-10-30	4:00	sediment/soil	x	x					
	WLTA-s03	2008-10-30	4:00	sediment/soil			x			x	
	WLTA-s03	2008-10-30	4:00	sediment/soil				x	x		
4	WLTA-s04	2008-10-30	4:30	sediment/soil	x	x					
	WLTA-s04	2008-10-30	4:30	sediment/soil			x			x	
	WLTA-s04	2008-10-30	4:30	sediment/soil				x	x		
5	WLTA-s05	2008-10-30	5:00	sediment/soil	x	x					
	WLTA-s05	2008-10-30	5:00	sediment/soil			x			x	
	WLTA-s05	2008-10-30	5:00	sediment/soil				x	x		

TURN AROUND REQUIRED:	○ ROUTINE ◉ RUSH SPECIFY DATE: Nov 10 2008 (surcharge may apply)	RELINQUISHED BY:	DATE:		RECEIVED BY:	DATE:	Oct 31/08
			TIME:		RF	TIME:	1700h
SEND INVOICE TO:	☑ SAME AS REPORT ☐ DIFFERENT FROM REPORT (provide details below)	RELINQUISHED BY:	DATE:		RECEIVED BY:	DATE:	
INVOICE FORMAT:	☑ HARDCOPY ☑ PDF ☐ FAX		TIME:			TIME:	

SPECIAL INSTRUCTIONS: Please send invoice to Attention: HBML Accounting Section using the above address: Please quote this Project Cost Centre: PO#M00357 Line # 2 on your Invoice. Electronic results to:Matthew.Kawei@Newmont.com

FOR LAB USE ONLY

Cooler Seal Intact?	Sample Temperature: ____°C	Cooling Method?
___Yes ___No ___N/A	Frozen? ___Yes ___No	___Icepacks ___Ice ___None