

Maxxam Job #: A832412
 Report Date: 2008/08/08
 This report supersedes all previous reports with t Sampler Initials: KW

GARTNER LEE LTD.
 Client Project #: 70562
 Site Reference:

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		K51982	K51989	K51990	K51991	K51992	K51993	K51994	K51995	K51996	K51997	K51998	K51999	K52000	K52001		
Sampling Date		6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008		
COC Number		28922-02	28922-02	28922-02	28922-02	28922-02	28922-02	28922-02	28922-02	28922-01	28922-01	28922-01	28922-01	28922-01	28922-01		
	Units	940-23A	940-23B	940-2A	940-2B	940-22A	940-22B	940-20A	940-20B	940-3A	940-3B	940-19A	940-19B	940-18A	940-18B	RDL	QC Batch
CONVENTIONALS																	
Cyanide + Thiocyanate	mg/L	<0.0005	<0.0005	0.0088	0.0089	0.0015	0.0013	0.0038	0.0039	0.0016	0.0016	0.0009	0.0008	0.0077	0.0076	0.0005	2421190
Physical Properties																	
pH	pH Units	7.4	7.4	7.5	7.5	8.0	8.0	8.1	8.1	7.7	7.7	7.9	7.9	7.5	7.5		2411975
Total Suspended Solids	mg/L	<1	2	1	2	1	1	4	6	2	2	<1	1	<1	<1	1	2412781

RDL = Reportable Detection Limit

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LOW LEVEL TOTAL METALS - WATER (WATER)																
Maxxam ID	K51982	K51989	K51990	K51991	K51992	K51993	K51994	K51995	K51996	K51997	K51998	K51999	K52000	K52001		
Sampling Date	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008	6/28/2008		
COC Number	28922-02	28922-02	28922-02	28922-02	28922-02	28922-02	28922-02	28922-02	28922-01	28922-01	28922-01	28922-01	28922-01	28922-01		
Units	940-23A	940-23B	940-2A	940-2B	940-22A	940-22B	940-20A	940-20B	940-3A	940-3B	940-19A	940-19B	940-18A	940-18B	RDL	QC Batch
Total Metals by ICPMS																
Total Arsenic (As)	ug/L	0.84	0.84	5.63	3.22	3.39	3.36	3.37	3.30	3.20	3.13	2.50	2.39	1.33	1.29	0.02
Total Copper (Cu)	ug/L	1.02	0.92	1.36	1.10	2.39	2.38	4.23	3.98	3.74	3.64	1.43	1.57	0.86	0.85	0.05
Total Lead (Pb)	ug/L	0.085	0.085	1.46	0.984	0.057	0.047	0.229	0.201	0.055	0.080	1.82	1.86	0.319	0.329	0.005
Total Mercury (Hg)	ug/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Total Nickel (Ni)	ug/L	1.41	1.28	2.58	1.94	4.15	4.20	6.44	6.39	3.57	3.66	8.58	8.83	1.24	1.14	0.02
Total Zinc (Zn)	ug/L	8.6	7.7	1.1	1.4	2.2	1.1	1.6	1.1	0.9	2.5	16.1	18.2	0.3	0.5	0.1

RDL = Reportable Detection Limit

GARTNER LEE LTD.
 Attention: Kai Woloshyn
 Client Project #: 70562
 P.O. #:
 Site Reference:

Quality Assurance Report
 Maxxam Job Number: VA832412

QA/QC Batch Num	Init	QC Type	Date Analyzed Parameter	Value	Recovery	Units	QC Limits
2412781	WR1	SPIKE	Total Suspended Solids	7/7/2008	103	%	N/A
		BLANK	Total Suspended Solids	7/7/2008 <1		mg/L	
2420160	AA1	MATRIX SPIKE	Total Arsenic (As)	7/9/2008	94	%	75 - 125
			Total Copper (Cu)	7/9/2008	94	%	75 - 125
			Total Lead (Pb)	7/9/2008	99	%	75 - 125
			Total Nickel (Ni)	7/9/2008	93	%	75 - 125
			Total Zinc (Zn)	7/9/2008	%		75 - 125
		SPIKE	Total Arsenic (As)	7/9/2008	97	%	75 - 125
			Total Copper (Cu)	7/9/2008	98	%	75 - 125
			Total Lead (Pb)	7/9/2008	103	%	75 - 125
			Total Nickel (Ni)	7/9/2008	100	%	75 - 125
			Total Zinc (Zn)	7/9/2008	99	%	75 - 125
		BLANK	Total Arsenic (As)	7/9/2008 <0.02		ug/L	
			Total Copper (Cu)	7/9/2008 <0.05		ug/L	
			Total Lead (Pb)	7/9/2008 <0.005		ug/L	
			Total Mercury (Hg)	7/9/2008 <0.01		ug/L	
			Total Nickel (Ni)	7/9/2008 <0.02		ug/L	
			Total Zinc (Zn)	7/9/2008 <0.1		ug/L	
		RPD	Total Arsenic (As)	7/9/2008	2.9	%	25
			Total Copper (Cu)	7/9/2008	5.7	%	25
			Total Lead (Pb)	7/9/2008	6.7	%	25
			Total Mercury (Hg)	7/9/2008 NC		%	25
			Total Nickel (Ni)	7/9/2008	3.7	%	25
			Total Zinc (Zn)	7/9/2008	8.3	%	25
2421190	TS1	MATRIX SPIKE	Cyanide + Thiocyanate	7/9/2008	105	%	80 - 120
		SPIKE	Cyanide + Thiocyanate	7/9/2008	99	%	80 - 120
		BLANK	Cyanide + Thiocyanate	7/9/2008 <0.0005		mg/L	
		RPD	Cyanide + Thiocyanate	7/9/2008 NC		%	35

N/A = Not Applicable
 NC = Non-calculable
 RPD = Relative Percent Difference