Harbourside Commercial Park
Sydney, NS

Groundwater Monitoring Program

February 2009
SLR Ref: 210.05479.00.12

solutions for today's environment

GROUNDWATER MONITORING PROGRAM

HARBOURSIDE COMMERCIAL PARK

SLR REF: 210.05479.00.12

Submitted by
SLR Consulting (Canada) Ltd.

for
Nova Scotia Lands Inc.
Unit 2, Harbourside Commercial Park
PO Box 430, Station A
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February 2009

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Distribution: 2 copies – Nova Scotia Lands Inc.
1 copy – Nova Scotia Environment
2 copies – SLR Consulting (Canada) Ltd.

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1.0 BACKGROUND AND PURPOSE

This report presents the results and implications of a groundwater monitoring program conducted at the Harbourside Commercial Park (the Site). The program was conducted by SLR Consulting (Canada) Ltd. at the request of Nova Scotia Lands Inc.

The former Sydney Steel Corporation (SYSCO) property, located in Sydney, Nova Scotia, is being redeveloped as the Harbourside Commercial Park. Nova Scotia Lands Inc. (NS Lands) is a provincial Crown Corporation with the mandate to complete the reclamation of the former steel plant site through demolition, site remediation and redevelopment of the property. NS Lands is a subsidiary of Harbourside Commercial Park Inc. (HCPI), which has a mandate to operate the commercial park. Environmental Site Assessments (ESAs) conducted to date throughout the Site have identified several groundwater constituents of interest (COI) in excess of evaluation criteria. Some of the COI that were often detected included Polycyclic Aromatic Hydrocarbons (PAHs), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) and Total Petroleum Hydrocarbons (TPH). Other COI that exceeded criteria included mercury, various other metals, and vinyl chloride.

In evaluating the significance of these ESA results, it is noted that most of the original samples contained excessive turbidity, likely attributed to the sampling method (Waterra foot valve method). This program was conducted using a low-flow sampling method designed to provide minimal sediment mobilization. Samples were collected from twenty-seven monitoring wells and compared to the Atlantic PIRI Tier 1 Risk Based Screening Levels (RBSLs) and Ontario Ministry of the Environment Groundwater Standards for use Under the Environmental Protection Act.

2.0 FIELD PROGRAM METHODS

Groundwater samples were collected in accordance with SLR's Standard Field Procedures, industry accepted protocols and NS Lands approved protocols to maintain accurate collection of field data and interpretation of conditions.

Sampling was conducted via low-flow purging and sampling methods, as it is considered to be the most defensible method for the collection of representative formation water. Low-flow purging and sampling is the preferred method for all semi-volatile and non-volatile/inorganic analyses (i.e. C_{10-50} hydrocarbons, metals, PAHs), and is defined as purging groundwater from a well at a rate of less than 1 L/min and minimizing draw-down of the static water level to less than 10 cm.

During the purging process, extracted groundwater was determined to be representative of natural formation water through geochemical parameter stabilization monitoring. Once the geochemical parameters were determined to have stabilized, groundwater samples were subsequently collected.

In the parameter stabilization method, extracted groundwater was passed continuously through a 'flow-through' cell and select geochemical parameters were monitored to assess their stabilization as an indication that representative formation water was being extracted. Parameters monitored for stabilization included pH, temperature, specific conductance and

turbidity. Temperature, pH and conductivity are the 3 minimum parameters required for stabilization. Groundwater samples collected for metals analysis was field filtered and preserved prior to laboratory submission.

Field monitoring forms are provided in Attachment A.

3.0 RESULTS

In total twenty-seven (27) monitoring wells were sampled and submitted for PAH, BTEX/TPH, Metals and VOC analysis to Maxxam Analytics Inc (Maxxam) in Sydney, Nova Scotia. Results are provided in Tables 1 through 4 (Attachment B) for PAHs, BTEX/TPH, Metals and Volatile Organic Compounds (VOCs), respectively. For comparison, the tables also show the *Atlantic RBCA Tier 1 RBSLs for Commercial sites with Non-Potable Groundwater use and Course Grained Soil (Mod. TPH Diesel/#2 Fuel Oil)* and the *Ontario Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Groundwater*

3.1 Groundwater PAHs

The groundwater samples submitted for PAH analysis indicated concentrations below applicable guidelines, with the exception of SCU15-018-MW. A concentration of 0.47 ug/L of Benzo(k)fluoranthene was reported in SCU15-018-MW, which exceeds the Ontario Table 3 guideline of 0.4 ug/L. All other PAH concentrations were below applicable Table 3 guidelines.

Analytical data is provided in Table 1, Appendix B.

3.2 Groundwater BTEX and TPH

The groundwater samples submitted for TPH/BTEX analysis indicated concentrations below the Atlantic PIRI Tier I RBSL for a Commercial site with Non-Potable groundwater usage and coarse-grained soil.

Analytical data is provided in Table 2, Appendix B.

3.3 Groundwater Metals (including Mercury)

The groundwater samples submitted for dissolved Metals analysis identified concentrations below the *Ontario Table 3 guidelines.*.

Analytical data is provided in Table 3, Appendix B.

3.4 Groundwater VOCs

In total four (4) groundwater samples were submitted for VOC analysis, which were below applicable guidelines with the exception of SCU10-001-MW. Groundwater analysis indicated a concentrations of 83 ug/L for cis-1,2-Dichloroethylene and 8 ug/L of Vinyl Chloride, which exceed the *Ontario Table 3 guidelines* of 70 ug/L and 0.5 ug/L, respectively. Analytical data is provided in Table 4, Appendix B.

4.0 CONCLUSIONS

In total twenty-seven (27) monitoring wells were sampled and submitted for PAH, BTEX/TPH, Metals and VOC analysis to Maxxam. The fieldwork for this monitoring program was conducted between November 19th and November 26th, 2008. Sampling was conducted via low-flow purging and sampling methods, as it is considered to be the most defensible method for the collection of representative formation water. The results of the monitoring program are as follows:

- A concentration of 0.47 ug/L of Benzo(k)fluoranthene was reported in SCU15-018-MW, which exceeds the *Ontario Table 3* guideline of 0.4 ug/L. All other PAH concentrations were below Ontario Table 3 guidelines.

- The groundwater samples submitted for TPH/BTEX analysis indicated concentrations below Atlantic PIRI Tier I RBSL for a Commercial site with Non-Potable groundwater usage and coarse-grained soil.

- The groundwater samples submitted for Dissolved Metals analysis indicated concentrations below *Ontario Table 3* guidelines.

- Groundwater analysis indicated a concentrations of 83 ug/L for cis-1,2-Dichloroethylene and 8 ug/L of Vinyl Chloride, which exceed the *Ontario Table 3* guidelines of 70 ug/L and 0.5 ug/L respectively. All other VOC concentrations were below applicable Ontario Table 3 guidelines.

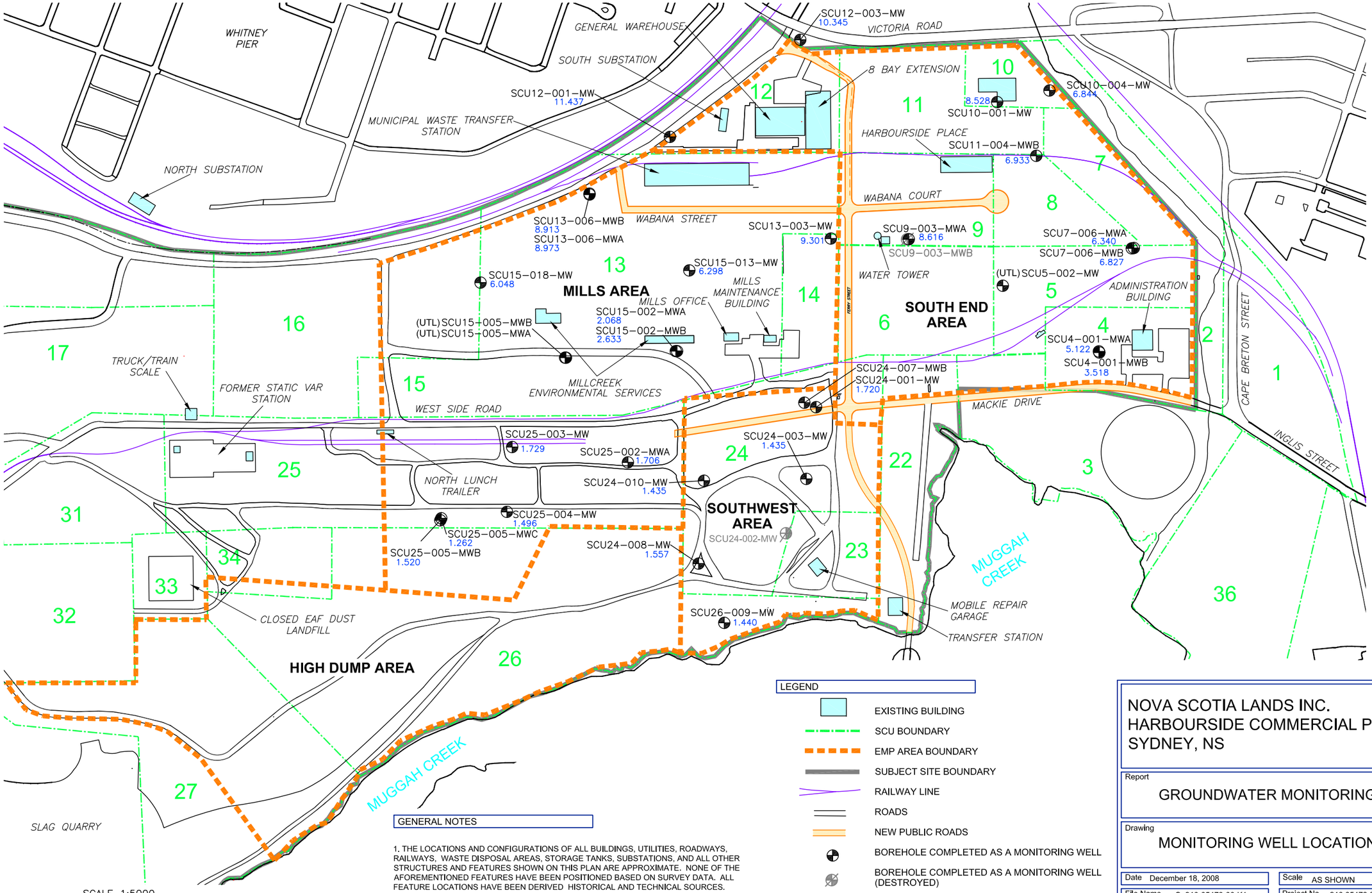
DRAWING

Monitoring Well Location Plan

Groundwater Monitoring Program

Harbourside Commercial Park, Sydney, NS

SLR Ref: 210.05479.00.12



SCALE 1:5000
WHEN PLOTTED AT 11 x 17 PAGE SIZE
0 100 200 300 m

THIS DRAWING IS FOR CONCEPTUAL PURPOSES ONLY. ACTUAL LOCATIONS MAY VARY AND NOT ALL STRUCTURES ARE SHOWN.

LEGEND

- EXISTING BUILDING
- SCU BOUNDARY
- EMP AREA BOUNDARY
- SUBJECT SITE BOUNDARY
- RAILWAY LINE
- ROADS
- NEW PUBLIC ROADS
- BOREHOLE COMPLETED AS A MONITORING WELL
- BOREHOLE COMPLETED AS A MONITORING WELL (DESTROYED)
- BOREHOLE COMPLETED AS A MONITORING WELL (DECOMMISSIONED)
- (UTL) UNABLE TO LOCATE
- 8.913 GROUNDWATER ELEVATION (m)

GENERAL NOTES

1. THE LOCATIONS AND CONFIGURATIONS OF ALL BUILDINGS, UTILITIES, ROADWAYS, RAILWAYS, WASTE DISPOSAL AREAS, STORAGE TANKS, SUBSTATIONS, AND ALL OTHER STRUCTURES AND FEATURES SHOWN ON THIS PLAN ARE APPROXIMATE. NONE OF THE AFOREMENTIONED FEATURES HAVE BEEN POSITIONED BASED ON SURVEY DATA. ALL FEATURE LOCATIONS HAVE BEEN DERIVED HISTORICAL AND TECHNICAL SOURCES.

2. BASE MAP INFORMATION FROM CBRM, EDM ENVIRONMENTAL DESIGN AND MANAGEMENT, AND WAYNE D. HARDY, NSCL, CLS, PLAN No. SYSCO-03/02.

3. INFORMATION CONTAINED IN THIS DRAWING IS CONCEPTUAL, AND SHALL NOT BE USED FOR ENGINEEERING PURPOSES, OR TO LOCATE UTILITIES, BUILDINGS, BUILDING REMAINS, OR WASTE DISPOSAL AREAS.

NOVA SCOTIA LANDS INC.
HARBOURSIDE COMMERCIAL PARK
SYDNEY, NS

Report
GROUNDWATER MONITORING PROGRAM

Drawing
MONITORING WELL LOCATION PLAN

Date	December 18, 2008	Scale	AS SHOWN	Fig. No.	1
File Name	S_210-05479-00-K1	Project No.	210.05479.00		

SLR

APPENDIX A

Field Monitoring Forms

Groundwater Monitoring Program

Harbourside Commercial Park, Sydney, NS

SLR Ref: 210.05479.00.12

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 26-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/RC

BH ID	EOH from Log(m)	Monitoring Data: Headspace (ppm/%)	Depth (m): to Prod.	Depth (m): to GW	Depth (m): to EOH	Single Well Volume (L)	Purge Water Parameter Stabilization Data: Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sampling Data: Sample ID	Sampling Method	Time	Analysis	Comments
SCU25-004-MW				7.440	9.500	10	low flow		0	0.5		10	8.11	12.06	0.009	5.0	clear	SCU25-004-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.5		11.5	8.10	12.06	0.004	3.0	clear					
									6	0.5		13	8.11	12.05	0.002	4.0	clear					
									9	0.5		14.5	8.09	12.05	0.001	3.0	clear					
SCU25-005-MWB				7.400	23.600	72	low flow		0	0.5		72.0	7.68	6.41	13.290	53.0	clear	SCU25-005-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.5		73.5	7.57	6.56	13.240	26.0	clear					
									6	0.5		75.0	7.48	6.65	13.270	16.0	clear					
									9	0.5		76.5	7.56	6.78	13.240	14.0	clear					
									12	0.5		78.0	7.48	6.89	13.220	14.0	clear					
SCU25-005-MWC				7.690	<30.0	100	low flow		0	0.25		100.0	5.12	6.19	3.020	10.0	clear	SCU25-005-MWC	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.25		100.8	5.10	6.19	3.020	10.0	clear					
									6	0.25		101.5	5.82	6.19	3.020	9.0	clear					
									9	0.25		102.3	5.81	6.19	3.030	9.0	clear					
									12	0.25		103.0	5.82	6.23	3.030	8.0	clear					
									15	0.25		103.8	5.82	6.22	3.030	6.0	clear					
									18	0.25		104.5	5.62	6.20	3.030	8.0	clear					

Note: EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 26-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/RC

BH ID	EOH from Log(m)	Monitoring Data					Purge Water Parameter Stabilization Data											Sampling Data				Comments
		Headspace (ppm/%)	Depth (m) to Prod.	Depth (m) to GW	Depth (m) to EOH	Single Well Volume (L)	Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sample ID	Sampling Method	Time	Analysis	
SCU26-009-MW				7.810	9.000	5	low flow		0	0.5		5	10.12	8.11	0.052	3.0	clear	SCU26-009-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	Needs new push on cap and top 4" of casing needs cut off to fit under cover.
									3	0.5		6.5	10.14	8.17	0.036	3.0	clear					
									6	0.5		8	10.07	8.18	0.463	2.0	clear					
									9	0.5		9.5	10.09	8.19	0.463	2.0	clear					
									12	0.5		11	10.09	8.19	0.462	2.0	clear					
SCU25-002-MW				7.700	10.140	10	low flow		0	0.5		10.0	8.26	11.92	2.530	2.0	clear	SCU25-002-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.5		11.5	8.25	11.93	2.530	1.0	clear					
									6	0.5		13.0	8.31	11.93	2.530	1.0	clear					
SCU25-003-MW				7.310	8.310	5	low flow		0	0.67		5.0	7.84	12.15	3.930	2.0	clear	SCU25-003-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	Missing stick-up cover.
									3	0.67		7.0	7.84	12.15	3.980	2.0	clear					
									6	0.67		9.0	7.84	12.14	4.030	2.0	clear					

Note:
EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 25-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/over cast

Address: Harbourside Commercial Park Field Staff: JH/RC

BH ID	EOH from Log(m)	Monitoring Data					Purge Water Parameter Stabilization Data											Sampling Data				Comments
		Headspace (ppm/%)	Depth (m)			Single Well Volume (L)	Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sample ID	Sampling Method	Time	Analysis	
			to Prod.	to GW	to EOH																	
SCU24-001-MW				7.725	15.890	36	low flow		0	0.17		36	10.38	6.92	6.130	22.0	clear	SCU24-001-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.17		36.5	10.70	6.93	6.600	17.0	clear					
									6	0.17		37	10.64	6.94	6.540	15.0	clear					
									9	0.17		37.5	10.66	6.95	6.590	13.0	clear					
									12	0.17		38	10.66	6.96	6.520	14.0	clear					
SCU24-003-MW				7.958	12.100	18	low flow		0	0.5		18.0	9.70	11.91	3.180	5.0	clear	SCU24-003-MW	low flow		PAH, Metals, Mercury, TPH/BTEX, VOC	
									3	0.5		19.5	9.70	11.92	0.000	4.0	clear					
									6	0.5		21.0	9.68	11.92	0.001	3.0	clear					
									9	0.5		22.5	9.69	11.92	0.000	4.0	clear					
SCU24-010-MW				7.755	17.200	42	low flow		0	0.5		42.0	9.20	11.82	2.000	3.0	clear	SCU24-010-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.5		43.5	9.12	11.81	2.090	1.0	clear					
									6	0.5		45.0	9.18	11.81	2.090	1.0	clear					
									9	0.5		46.5	9.16	11.81	2.070	1.0	clear					
SCU24-008-MW				8.833	10.740	9	low flow		0	0.17		9.0	9.02	10.39	0.002	10.0	clear	SCU24-008-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	The stick-up cover is damaged.
									3	0.17		9.5	8.80	10.53	0.002	36.0	clear					
									6	0.17		10.0	8.80	10.64	0.001	10.0	clear					
									9	0.17		10.5	8.90	10.66	0.001	14.0	clear					
									12	0.17		11.0	8.93	10.70	0.002	12.0	clear					

Note: EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 21-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/JM

BH ID	EOH from Log(m)	Monitoring Data					Purge Water Parameter Stabilization Data											Sampling Data				Comments
		Headspace (ppm/%)	Depth (m) to Prod.	Depth (m) to GW	Depth (m) to EOH	Single Well Volume (L)	Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sample ID	Sampling Method	Time	Analysis	
SCU15-002-MWA				7.550	10.302	15	low flow		0	0.5		15	9.98	6.45	2.940	51.0	clear	SCU15-002-MWA	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.5		16.5	9.53	6.44	0.920	41.0	clear					
									6	0.5		18	9.62	6.42	0.920	44.0	clear					
									9	0.5		19.8	9.62	6.42	0.938	44.0	clear					
SCU15-002-MWB				6.933	15.897	40	low flow		0	0.67		40.0	10.31	8.62	0.008	4.0	clear	SCU15-002-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.67		42.0	10.51	8.45	0.004	3.0	clear					
									6	0.67		44.0	9.57	8.33	0.005	3.0	clear					

Note:
EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines:
pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 20-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/JM

BH ID	EOH from Log(m)	Monitoring Data: Headspace (ppm/%)	Depth (m): to Prod.	Depth (m): to GW	Depth (m): to EOH	Single Well Volume (L)	Purge Water Parameter Stabilization Data: Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sampling Data: Sample ID	Sampling Method	Time	Analysis	Comments
SCU13-006-MWB				2.263	11.710	40	low flow		0	0.33		40	8.41	7.41	0.636	5.0	clear	SCU13-006-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	Missing push on cap.
									3	0.33		41	8.36	7.40	1.242	5.0	clear					
									6	0.33		42	8.44	7.40	1.244	5.0	clear					
									9	0.33		43	8.44	7.40	1.257	4.0	clear					
SCU13-003-MW				1.608	3.645	9	low flow		0	0.5		9.0	9.80	9.58	0.809	3.0	clear	SCU13-003-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.5		10.5	9.72	9.54	0.806	3.0	clear					
									6	0.5		12.0	9.87	9.56	0.807	3.0	clear					
SCU15-013-MW				4.279	6.400	10	low flow		0	0.33		10.0	9.60	6.53	1.002	188.0	clear	SCU15-013-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	Missing push on cap.
									3	0.33		11.0	10.00	6.53	1.021	170.0	clear					
									6	0.33		12.0	9.66	6.53	1.062	165.0	clear					
SCU15-018-MW				3.746	8.600	22	low flow		0	0.67		22.0	8.26	6.73	1.199	1000.0	cloudy	SCU15-018-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.67		25.0	8.28	6.73	1.187	1000.0	cloudy					
									6	0.67		26.0	8.04	6.74	1.263	1000.0	cloudy					

Note:
EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 20-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/JM

BH ID	EOH from Log(m)	Monitoring Data					Purge Water Parameter Stabilization Data										Sampling Data				Comments
		Headspace (ppm/%)	Depth (m) to Prod.	Depth (m) to GW	Depth (m) to EOH	Single Well Volume (L)	Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sample ID	Sampling Method	Time	Analysis	
SCU12-003-MW				2.305	4.128	10	low flow		0	0.47		10	10.34	8.95	0.900	24.1	clear	SCU12-003-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									10	0.47		15	10.40	9.26	0.899	11.5	clear					
									13	0.47		17	10.40	9.27	0.905	8.8	clear					
									16	0.47		18	10.42	9.26	0.906	8.3	clear					
									19	0.47		19	10.45	9.26	0.911	8.8	clear					
SCU12-001-MW				0.673	3.828	14	low flow		0	0.17		14.0	8.32	8.64	0.008	10.3	cloudy	SCU12-001-MW	low flow		PAH, Metals, Mercury, TPH/BTEX, VOC	
									3	0.17		14.5	10.57	8.64	0.482	390.0	cloudy					
									6	0.17		15.0	10.33	8.77	1.550	321.0	cloudy					
									9	0.17		15.5	10.35	8.67	1.560	275.0	cloudy					
									12	0.17		16.0	10.29	8.60	1.540	264.0	cloudy					
									15	0.17		16.3	9.98	8.62	0.438	843.0	cloudy					
									18	0.17		16.6	10.24	8.60	0.141	414.0	cloudy					
									21	0.17		17.0	10.29	8.57	1.056	261.0	cloudy					
									24	0.17		18.0	10.13	8.69	2.620	160.0	cloudy					
									27	0.17		18.5	9.95	8.73	2.600	157.0	cloudy					
									30	0.17		19.0	10.26	8.71	2.650	82.0	cloudy					
									33	0.17		19.5	9.90	8.66	2.690	72.0	cloudy					
									36	0.17		20.0	9.73	8.59	2.800	94.0	cloudy					
SCU13-006-MWA				2.236	4.770	10	low flow		0	0.5		10.0	10.29	8.30	0.913	55.0	clear	SCU13-006-MWA	low flow		PAH, Metals, Mercury, TPH/BTEX	Dup. C
									3	0.5		11.5	10.20	8.27	0.918	9.0	clear					
									6	0.5		13.0	10.26	8.20	0.913	4.0	clear					
									9	0.5		14.0	10.27	8.18	0.911	2.0	clear					
									12	0.5		16.0	10.35	8.16	0.914	2.0	clear					

Note: EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 19-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/JM

BH ID	EOH from Log(m)	Monitoring Data: Headspace (ppm/%)	Depth (m): to Prod.	Depth (m): to GW	Depth (m): to EOH	Single Well Volume (L)	Purge Water Parameter Stabilization Data: Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sampling Data: Sample ID	Sampling Method	Time	Analysis	Comments
SCU10-004-MW				2.510	5.095	11.5	low flow		0	0.33		11.5	10.89	7.98	1.263	32.7	clear	SCU10-004-MW	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.33		12.5	11.30	7.99	1.273	51.8	clear					
									6	0.33		13.5	11.54	7.97	1.268	43.4	clear					
									9	0.33		14.5	11.68	7.95	1.269	49.6	clear					
									12	0.33		15.5	11.77	7.92	1.271	98.1	clear					
									15	0.33		16.5	11.77	7.91	1.283	68.1	clear					
									18	0.33		17.5	11.74	7.92	1.283	77.8	clear					
									21	0.33		18.5	11.79	7.88	1.283	73.4	clear					
									24	0.33		19	11.81	7.90	1.286	75.9	clear					
SCU9-003-MWB				0.707	4.070	14	low flow		0	0.67		14.0	10.79	7.66	0.651	1000.0	cloudy	SCU9-003-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.67		16.5	11.20	7.59	0.671	999.0	cloudy					
									6	0.67		18.0	11.40	7.66	0.721	999.0	cloudy					

Note: EOH - end of hole
All depth measurements from top of pipe

Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:

One standing volume of water in well and annulus = $V_w + V_a$

$V_w = \pi r_i^2 (H) \times 1000$

$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$

V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)

r_o = radius of well outside of pipe (m)

R = radius of the borehole (m)

H = distance from static water level to bottom of well (m)

2" casing has 2.032 L/m; 1" casing has 0.509 L/m

8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 19-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/JM

BH ID	EOH from Log(m)	Monitoring Data: Headspace (ppm/%)	Depth (m): to Prod.	Depth (m): to GW	Depth (m): to EOH	Single Well Volume (L)	Purge Water Parameter Stabilization Data: Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sampling Data: Sample ID	Sampling Method	Time	Analysis	Comments
SCU4-001-MWA				2.502	3.772	7	low flow		0	0.33		7	10.69	6.88	0.987	21.6	clear	SCU4-001-MWA	low flow		PAH, Metals, Mercury, TPH/BTEX	Dup. B
									3	0.33		8	10.49	6.86	0.974	19.7	clear					
									6	0.33		9	10.45	6.85	0.975	16.0	clear					
									9	0.33		10	10.43	6.86	1.000	14.3	clear					
									12	0.33		11	10.45	6.87	1.000	11.4	clear					
									15	0.33		12	10.46	6.87	1.002	10.0	clear					
									18	0.33		13	10.45	6.87	1.002	7.6	clear					
									21	0.33		14	10.47	6.87	1.001	6.5	clear					
									24	0.33		15	10.46	6.87	1.003	6.3	clear					
									27	0.33		16	10.45	6.87	1.002	5.6	clear					
SCU4-001-MWB				3.955	10.705	30	low flow		0	0.33		30.0	9.11	7.57	0.563	1000.0	cloudy	SCU4-001-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.33		31.0	9.03	7.74	0.566	1000.0	cloudy					
									6	0.33		32.0	8.89	7.80	0.564	1000.0	cloudy					
SCU10-001-MW				1.696	3.790	9	low flow		0	0.5		9.0	10.48	6.57	0.514	31.5	clear	SCU10-001-MW	low flow		PAH, Metals, Mercury, TPH/BTEX, VOC	Damaged well cover.
									3	0.5		10.5	10.55	6.58	0.514	29.6	clear					
									6	0.5		12.0	10.50	6.58	0.515	26.3	clear					
									9	0.5		13.0	10.49	6.58	0.516	28.0	clear					

Note:
EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines:
pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

Groundwater Sampling Record
(Field Parameter Stabilization Method)

Project Number.: 210.05479.00 Date: 18-Nov-08

Project Name: Groundwater Monitoring Program Weather: cold/wet

Address: Harbourside Commercial Park Field Staff: JH/JM

BH ID	EOH from Log(m)	Monitoring Data					Purge Water Parameter Stabilization Data											Sampling Data				Comments
		Headspace (ppm/%)	Depth (m) to Prod.	Depth (m) to GW	Depth (m) to EOH	Single Well Volume (L)	Purge Method	Start Time	Elapsed Purge Time (minutes)	Flow Rate	Drawdown	Cumul. Purge Vol. (1)	T (^{0}C)	pH	Conductivity	Turbidity	Appear./Odour	Sample ID	Sampling Method	Time	Analysis	
SCU11-004-MWB				2.234	9.296	30.5	low flow		0	0.5		30.5	8.75	6.81	0.736	62.0	clear	SCU11-004-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	Dup. A
									3	0.5		32.5	8.33	6.82	0.730	50.5	clear					
									6	0.5		34.0	8.78	6.83	0.740	54.2	clear					
									9	0.5		35.0	8.71	6.83	0.744	52.2	clear					
									12	0.5		36.5	8.71	6.84	0.743	31.0	clear					
									15	0.5		38.0	8.68	6.85	0.744	28.4	clear					
									18	0.5		40.0	8.76	6.85	0.739	28.2	clear					
SCU7-006-MWA				1.556	4.910	15	low flow		0	0.33		15.0	10.63	7.15	0.874	6.1	clear	SCU7-006-MWA	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	0.33		16.0	10.77	7.03	0.872	3.2	clear					
									6	0.33		17.0	10.79	7.02	0.870	3.1	clear					
									9	0.33		18.0	10.78	7.02	0.870	3.1	clear					
SCU7-006-MWB				0.888	12.328	50.5	low flow		0	1.4		50.5	8.84	6.52	0.798	6.8	clear	SCU7-006-MWB	low flow		PAH, Metals, Mercury, TPH/BTEX	
									3	1.4		53.5	8.87	6.49	0.799	5.6	clear					
									6	1.4		59.0	8.84	6.48	0.799	6.1	clear					

Note: EOH - end of hole
All depth measurements from top of pipe
Do not monitor EOH if free-product is present in well

Parameter Stabilization Guidelines: pH: +/- 0.2 units Redox: +/- 20mV
Temp: +/- 0.1°C D/O: +/- 0.2mg/L
Conductivity: +/- 3% Turbidity: +/- 10%

Well volume Calculation:
One standing volume of water in well and annulus = $V_w + V_a$
$V_w = \pi r_i^2 (H) \times 1000$
$V_a = \pi R^2 (H) \times 300 - (\pi r_o^2 (H) \times 300)$
V_w = one well volume (L)
V_a = one standing volume (annulus)(L)

r_i = radius of well inside of pipe (m)
r_o = radius of well outside of pipe (m)
R = radius of the borehole (m)
H = distance from static water level to bottom of well (m)
2" casing has 2.032 L/m; 1" casing has 0.509 L/m
8" sandpack has 9.271 L/m; 6 5/8" sandpack has 6.35 L/m

APPENDIX B

Summary of Analytical Results

Groundwater Monitoring Program

Harbourside Commercial Park, Sydney, NS

SLR Ref: 210.05479.00.12

TABLE 1
Groundwater Polyaromatic Hydrocarbons Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID				SCU13-006-MWB	SCU13-006-MWA	SCU13-006-MWA	SCU15-013-MW	SCU13-003-MW	SCU15-018-MW
Sampling Date	**Units**	**RDL**	**Standard MOE Table 3**	11/20/2008	11/20/2008	**DUP C**	11/20/2008	11/20/2008	11/20/2008
Polyaromatic Hydrocarbons									
1-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	<0.05	<0.05	<0.05	140
2-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	<0.05	<0.05	<0.05	210
Acenaphthene	ug/L	0.01	1700	<0.01	<0.01	<0.01	0.04	<0.01	36
Acenaphthylene	ug/L	0.01	2000	<0.01	<0.01	<0.01	0.04	<0.01	1.0
Anthracene	ug/L	0.01	12	<0.01	<0.01	<0.01	0.13	<0.01	5.1
Benzo(a)anthracene	ug/L	0.01	5	<0.01	<0.01	<0.01	0.27	<0.01	1.1
Benzo(a)pyrene	ug/L	0.01	1.9	<0.01	<0.01	<0.01	0.25	<0.01	0.51
Benzo(b)fluoranthene	ug/L	0.01	7	<0.01	<0.01	<0.01	0.19	<0.01	0.32
Benzo(g,h,i)perylene	ug/L	0.01	0.2	<0.01	<0.01	<0.01	0.12	<0.01	0.08
Benzo(k)fluoranthene	ug/L	0.01	0.4	<0.01	<0.01	<0.01	0.23	<0.01	**0.47**
Chrysene	ug/L	0.01	3	<0.01	<0.01	<0.01	0.26	<0.01	0.91
Dibenz(a,h)anthracene	ug/L	0.01	0.25	<0.01	<0.01	<0.01	0.02	<0.01	0.02
Fluoranthene	ug/L	0.01	130	<0.01	<0.01	<0.01	0.65	<0.01	4.2
Fluorene	ug/L	0.01	290	<0.01	<0.01	<0.01	0.05	<0.01	20
Indeno(1,2,3-cd)pyrene	ug/L	0.01	0.27	<0.01	<0.01	<0.01	0.15	<0.01	0.10
Naphthalene	ug/L	0.2	5900	<0.2	<0.2	<0.2	<0.2	<0.2	3500
Perylene	ug/L	0.01	ns	<0.01	<0.01	<0.01	0.08	<0.01	0.08
Phenanthrene	ug/L	0.01	63	<0.01	<0.01	<0.01	0.45	<0.01	21
Pyrene	ug/L	0.01	40	<0.01	<0.01	<0.01	0.52	0.01	2.6

Notes:

ug/L - micrograms per litre

PAH - polycyclic aromatic hydrocarbons

< - less than analytical detection limit indicated

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 1 (continued)
Groundwater Polyaromatic Hydrocarbons Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID			Standard MOE Table 3	SCU12-003-MW	SCU12-001-MW	SCU15-002-MWA	SCU15-002-MWB	FIELD BLANK	TRIP BLANK
Sampling Date	**Units**	**RDL**		11/20/2008	11/21/2008	11/21/2008	11/21/2008	11/21/2008	11/21/2008
Polyaromatic Hydrocarbons									
1-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	ug/L	0.01	1700	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	ug/L	0.01	2000	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anthracene	ug/L	0.01	12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)anthracene	ug/L	0.01	5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/L	0.01	1.9	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	ug/L	0.01	7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/L	0.01	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/L	0.01	0.4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/L	0.01	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/L	0.01	0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	ug/L	0.01	130	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	ug/L	0.01	290	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/L	0.01	0.27	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	ug/L	0.2	5900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Perylene	ug/L	0.01	ns	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	ug/L	0.01	63	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	ug/L	0.01	40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Notes:

ug/L - micrograms per litre

PAH - polycyclic aromatic hydrocarbons

< - less than analytical detection limit indicated

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 1 (continued)
Groundwater Polyaromatic Hydrocarbons Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID				SCU25-005-MWB	SCU25-005-MWC	SCU25-004-MW	SCU25-003-MW	SCU25-002-MWA	SCU26-009-MW
Sampling Date	**Units**	**RDL**	**Standard MOE Table 3**	11/26/2008	11/26/2008	11/26/2008	11/26/2008	11/26/2008	11/26/2008
Polyaromatic Hydrocarbons									
1-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	0.30	1.0	0.38	<0.05
2-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	0.13	2.5	0.58	<0.05
Acenaphthene	ug/L	0.01	1700	<0.01	<0.01	0.08	0.11	0.30	<0.01
Acenaphthylene	ug/L	0.01	2000	<0.01	<0.01	0.08	0.36	0.16	0.01
Anthracene	ug/L	0.01	12	<0.01	<0.01	0.18	0.38	0.54	0.07
Benzo(a)anthracene	ug/L	0.01	5	0.01	<0.01	0.09	0.10	0.07	0.12
Benzo(a)pyrene	ug/L	0.01	1.9	<0.01	<0.01	<0.01	0.02	0.01	0.07
Benzo(b)fluoranthene	ug/L	0.01	7	<0.01	<0.01	0.01	0.02	0.02	0.06
Benzo(g,h,i)perylene	ug/L	0.01	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	0.02
Benzo(k)fluoranthene	ug/L	0.01	0.4	<0.01	<0.01	0.02	0.02	0.02	0.08
Chrysene	ug/L	0.01	3	<0.01	<0.01	0.07	0.08	0.06	0.09
Dibenz(a,h)anthracene	ug/L	0.01	0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	ug/L	0.01	130	<0.01	<0.01	0.62	0.51	0.75	0.29
Fluorene	ug/L	0.01	290	<0.01	<0.01	0.35	0.56	0.59	0.02
Indeno(1,2,3-cd)pyrene	ug/L	0.01	0.27	<0.01	<0.01	<0.01	<0.01	<0.01	0.03
Naphthalene	ug/L	0.2	5900	<0.2	<0.2	0.5	7.5	3.0	<0.2
Perylene	ug/L	0.01	ns	<0.01	<0.01	<0.01	<0.01	<0.01	0.02
Phenanthrene	ug/L	0.01	63	<0.01	<0.01	0.52	1.6	2.4	0.09
Pyrene	ug/L	0.01	40	<0.01	<0.01	0.41	0.36	0.52	0.26

Notes:

ug/L - micrograms per litre

PAH - polycyclic aromatic hydrocarbons

< - less than analytical detection limit indicated

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 1 (continued)
Groundwater Polyaromatic Hydrocarbons Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID				SCU4-001-MWA	SCU4-001-MWA	SCU4-001-MWB	SCU9-003-MWA	SCU10-001-MW	SCU10-004-MW
Sampling Date	**Units**	**RDL**	**Standard MOE Table 3**	11/19/2008	DUP-B	11/19/2008	11/19/2008	11/19/2008	11/19/2008
Polyaromatic Hydrocarbons									
1-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	<0.05	<0.05	<0.05	19
2-Methylnaphthalene	ug/L	0.05	13000	<0.05	<0.05	<0.05	<0.05	<0.05	14
Acenaphthene	ug/L	0.01	1700	<0.01	<0.01	<0.01	0.02	<0.01	18
Acenaphthylene	ug/L	0.01	2000	<0.01	<0.01	<0.01	<0.01	<0.01	2.2
Anthracene	ug/L	0.01	12	<0.01	<0.01	<0.01	0.05	<0.01	1.7
Benzo(a)anthracene	ug/L	0.01	5	<0.01	<0.01	<0.01	0.11	<0.01	0.37
Benzo(a)pyrene	ug/L	0.01	1.9	<0.01	<0.01	<0.01	0.05	<0.01	0.12
Benzo(b)fluoranthene	ug/L	0.01	7	<0.01	<0.01	<0.01	0.06	<0.01	0.08
Benzo(g,h,i)perylene	ug/L	0.01	0.2	<0.01	<0.01	<0.01	0.01	<0.01	0.01
Benzo(k)fluoranthene	ug/L	0.01	0.4	<0.01	<0.01	<0.01	0.05	<0.01	0.11
Chrysene	ug/L	0.01	3	<0.01	<0.01	<0.01	0.13	<0.01	0.32
Dibenz(a,h)anthracene	ug/L	0.01	0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	ug/L	0.01	130	<0.01	<0.01	<0.01	0.34	<0.01	2.4
Fluorene	ug/L	0.01	290	<0.01	<0.01	<0.01	0.02	<0.01	10
Indeno(1,2,3-cd)pyrene	ug/L	0.01	0.27	<0.01	<0.01	<0.01	0.01	<0.01	0.01
Naphthalene	ug/L	0.2	5900	<0.2	<0.2	<0.2	<0.2	<0.2	21
Perylene	ug/L	0.01	ns	<0.01	<0.01	<0.01	0.02	<0.01	0.02
Phenanthrene	ug/L	0.01	63	<0.01	<0.01	0.01	0.18	<0.01	5.1
Pyrene	ug/L	0.01	40	<0.01	<0.01	0.01	0.31	<0.01	1.7

Notes:

ug/L - micrograms per litre

PAH - polycyclic aromatic hydrocarbons

< - less than analytical detection limit indicated

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 1 (continued)
Groundwater Polyaromatic Hydrocarbons Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID				SCU24-008-MW	SCU24-001-MW	SCU24-003-MW	SCU24-010-MW	SCU11-004-MWB	SCU11-004-MWB
Sampling Date	**Units**	**RDL**	**Standard MOE Table 3**	11/25/2008	11/25/2008	11/25/2008	11/25/2008	11/18/2008	DUP A
Polyaromatic Hydrocarbons									
1-Methylnaphthalene	ug/L	0.05	13000	7.9	<0.05	0.34	0.17	<0.05	<0.05
2-Methylnaphthalene	ug/L	0.05	13000	5.6	<0.05	0.37	0.17	<0.05	<0.05
Acenaphthene	ug/L	0.01	1700	2.7	<0.01	0.24	0.07	<0.01	<0.01
Acenaphthylene	ug/L	0.01	2000	4.1	<0.01	0.18	0.11	<0.01	<0.01
Anthracene	ug/L	0.01	12	0.79	<0.01	0.30	0.14	<0.01	<0.01
Benzo(a)anthracene	ug/L	0.01	5	0.08	<0.01	0.06	0.02	<0.01	<0.01
Benzo(a)pyrene	ug/L	0.01	1.9	0.02	<0.01	0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	ug/L	0.01	7	0.02	<0.01	0.02	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/L	0.01	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/L	0.01	0.4	0.03	<0.01	0.02	<0.01	<0.01	<0.01
Chrysene	ug/L	0.01	3	0.06	<0.01	0.05	0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/L	0.01	0.25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	ug/L	0.01	130	0.83	<0.01	0.59	0.63	<0.01	<0.01
Fluorene	ug/L	0.01	290	5.0	<0.01	0.38	0.19	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/L	0.01	0.27	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	ug/L	0.2	5900	56	<0.2	1.6	0.7	<0.2	<0.2
Perylene	ug/L	0.01	ns	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	ug/L	0.01	63	4.8	<0.01	1.8	0.42	<0.01	<0.01
Pyrene	ug/L	0.01	40	0.70	<0.01	0.46	0.40	<0.01	<0.01

Notes:

ug/L - micrograms per litre

PAH - polycyclic aromatic hydrocarbons

< - less than analytical detection limit indicated

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 1 (continued)
Groundwater Polyaromatic Hydrocarbons Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID			Standard MOE Table 3	SCU7-006-MWA	SCU7-006-MWB
Sampling Date	**Units**	**RDL**		11/18/2008	11/18/2008
Polyaromatic Hydrocarbons					
1-Methylnaphthalene	ug/L	0.05	13000	9.4	<0.05
2-Methylnaphthalene	ug/L	0.05	13000	5.7	<0.05
Acenaphthene	ug/L	0.01	1700	1.7	0.10
Acenaphthylene	ug/L	0.01	2000	11	0.08
Anthracene	ug/L	0.01	12	0.33	<0.01
Benzo(a)anthracene	ug/L	0.01	5	0.01	<0.01
Benzo(a)pyrene	ug/L	0.01	1.9	<0.01	<0.01
Benzo(b)fluoranthene	ug/L	0.01	7	<0.01	<0.01
Benzo(g,h,i)perylene	ug/L	0.01	0.2	<0.01	<0.01
Benzo(k)fluoranthene	ug/L	0.01	0.4	<0.01	<0.01
Chrysene	ug/L	0.01	3	<0.01	<0.01
Dibenz(a,h)anthracene	ug/L	0.01	0.25	<0.01	<0.01
Fluoranthene	ug/L	0.01	130	0.15	<0.01
Fluorene	ug/L	0.01	290	3.8	0.12
Indeno(1,2,3-cd)pyrene	ug/L	0.01	0.27	<0.01	<0.01
Naphthalene	ug/L	0.2	5900	68	<0.2
Perylene	ug/L	0.01	ns	<0.01	<0.01
Phenanthrene	ug/L	0.01	63	2.6	<0.01
Pyrene	ug/L	0.01	40	0.08	<0.01

Notes:

ug/L - micrograms per litre

PAH - polycyclic aromatic hydrocarbons

< - less than analytical detection limit indicated

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 2
Groundwater TPH/BTEX Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

			Petroleum Hydrocarbons							
Monitoring Well ID	**Date**	**Units**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylene (Total)**	**C6 - C10 (less BTEX)**	**>C10-C21 Hydrocarbons**	**>C21-<C32 Hydrocarbons**	**Modified TPH (Tier1)**
SCU13-006-MWB	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU13-006-MWA	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
DUP C (SCU13-006-MWA)	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU15-013-MW	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU13-003-MW	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU15-018-MW	20-Nov-08	mg/L	0.190	0.040	0.490	1.300	3.20	5.6	<0.5	8.8
SCU12-003-MW	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU12-001-MW	20-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU15-002-MWA	21-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU15-002-MWB	21-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
FIELD BLANK	21-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
TRIP BLANK	21-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU25-005-MWB	26-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU25-005-MWC	26-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU25-004-MW	26-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU25-003-MW	26-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU25-002-MWA	26-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU26-009-MW	26-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU4-001-MWA	19-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
DUP-B (SCU4-001-MWA)	19-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU4-001-MWB	19-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU9-003-MWA	19-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU10-001-MW	19-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU10-004-MW	19-Nov-08	mg/L	0.017	0.002	0.003	0.012	0.02	0.4	<0.5	<0.5
SCU24-008-MW	25-Nov-08	mg/L	0.002	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU24-001-MW	25-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU24-003-MW	25-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU24-010-MW	25-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU11-004-MWB	18-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
DUP A (SCU11-004-MWB)	18-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
SCU7-006-MWA	18-Nov-08	mg/L	0.002	0.010	0.006	0.031	0.04	0.4	<0.5	<0.5
SCU7-006-MWB	18-Nov-08	mg/L	<0.001	<0.001	<0.001	<0.002	<0.01	<0.2	<0.5	<0.5
Atlantic PIRI Tier I Commercial, Non-Potable, Coarse Grained			6.9	20	20	20	-	-	-	20

Notes:

mg/L - milograms per litre

< - less than analytical detection limit

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

Atlantic PIRI - Tier I Risk-Based Screening Level (RBSL)

Exceeds Tier I RBSL: Commercial/Non-Potable/Coarse Grained Soil

TABLE 3
Groundwater Dissolved Metals Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID	Units	Standard MOE Table 3	SCU12-001-MW	SCU15-002-MWA	SCU15-002-MWB	FIELD BLANK	TRIP BLANK	SCU13-006-MWB	SCU13-006-MWA	SCU13-006-MWA
Sampling Date			11/21/2008	11/21/2008	11/21/2008	11/21/2008	11/21/2008	11/20/2008	11/20/2008	DUP C
Dissolved Metals										
Calcium (Ca)	mg/L	ns	530	150	53	<0.1	<0.1	180	120	140
Magnesium (Mg)	mg/L	ns	13	14	6.9	<0.1	<0.1	24	13	15
Potassium (K)	mg/L	ns	4.5	10	4.2	<0.1	<0.1	6.3	6.6	7.0
Sodium (Na)	mg/L	ns	89	46	250	<0.1	<0.1	86	51	52
Sulphur (S)	mg/L	ns	620	130	150	<0.5	<0.5	210	130	120
Aluminum (Al)	ug/L	ns	<5.0	17	<5.0	<5.0	<5.0	22	11	27
Antimony (Sb)	ug/L	ns	0.49	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Arsenic (As)	ug/L	ns	5.0	0.70	27	<0.60	<0.60	1.4	3.7	3.6
Barium (Ba)	ug/L	23000	23	92	13	<0.40	<0.40	23	36	38
Beryllium (Be)	ug/L	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bismuth (Bi)	ug/L	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Boron (B)	ug/L	50000	370	<100	380	<100	<100	160	<100	<100
Cadmium (Cd)	ug/L	11	<0.017	0.11	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Chromium (Cr)	ug/L	2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	1.8
Cobalt (Co)	ug/L	100	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Copper (Cu)	ug/L	23	<2.0	10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Iron (Fe)	ug/L	ns	<100	1900	<100	<100	<100	<100	<100	<100
Lead (Pb)	ug/L	32	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lithium (Li)	ug/L	ns	38	1.6	34	<1.0	<1.0	46	28	30
Manganese (Mn)	ug/L	ns	14	1900	43	<4.0	<4.0	42	6.2	9.6
Molybdenum (Mo)	ug/L	7300	5.7	<4.0	34	<4.0	<4.0	4.5	9.3	9.3
Nickel (Ni)	ug/L	1600	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Phosphorus (P)	ug/L	ns	<100	<100	<100	<100	<100	<100	<100	<100
Selenium (Se)	ug/L	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	1.9
Silver (Ag)	ug/L	1.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Strontium (Sr)	ug/L	ns	4100	520	2200	<2.0	<2.0	7300	1300	1300
Thallium (Tl)	ug/L	400	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Tin (Sn)	ug/L	ns	<20	<20	<20	<20	<20	<20	<20	<20
Titanium (Ti)	ug/L	ns	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Uranium (U)	ug/L	ns	6.9	0.20	0.18	<0.15	<0.15	0.95	3.1	3.3
Vanadium (V)	ug/L	200	44	<2.0	<2.0	<2.0	<2.0	<2.0	4.7	5.1
Zinc (Zn)	ug/L	1100	<5.0	11	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Mecury total (Hg)	ug/L	0.12	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01

Notes:

ug/L - micrograms per litre

< - less than analytical detection limit

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 3 (continued)
Groundwater Dissolved Metals Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID			SCU15-013-MW	SCU13-003-MW	SCU15-018-MW	SCU12-003-MW	SCU25-005-MWB	SCU25-005-MWC	SCU25-004-MW	SCU25-003-MW
Sampling Date	**Units**	**Standard MOE Table 3**	11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/26/2008	11/26/2008	11/26/2008	11/26/2008
Dissolved Metals										
Calcium (Ca)	mg/L	ns	250	160	130	120	2300	4400	310	400
Magnesium (Mg)	mg/L	ns	37	2.3	37	7.7	220	510	<0.1	<0.1
Potassium (K)	mg/L	ns	11	9.6	5.4	8.8	15	43	13	12
Sodium (Na)	mg/L	ns	55	24	42	54	390	3600	43	25
Sulphur (S)	mg/L	ns	300	150	24	110	210	150	50	52
Aluminum (Al)	ug/L	ns	7.5	16	28	31	<10	<10	15	29
Antimony (Sb)	ug/L	ns	<0.40	4.8	<0.40	<0.40	<0.80	<0.80	<0.40	<0.40
Arsenic (As)	ug/L	ns	<0.60	4.5	5.8	4.0	<1.2	34	<0.60	<0.60
Barium (Ba)	ug/L	23000	140	44	920	67	57	140	290	620
Beryllium (Be)	ug/L	53	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50
Bismuth (Bi)	ug/L	ns	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
Boron (B)	ug/L	50000	150	<100	<100	120	<200	370	<100	<100
Cadmium (Cd)	ug/L	11	0.021	<0.017	<0.017	<0.017	<0.034	<0.034	<0.017	<0.017
Chromium (Cr)	ug/L	2000	3.2	4.8	<1.0	13	<2.0	<2.0	1.4	<1.0
Cobalt (Co)	ug/L	100	<1.0	<1.0	<1.0	<1.0	4.3	10	<1.0	<1.0
Copper (Cu)	ug/L	23	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
Iron (Fe)	ug/L	ns	<100	<100	4100	<100	1100	33000	<100	<100
Lead (Pb)	ug/L	32	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0
Lithium (Li)	ug/L	ns	<1.0	11	2.8	10	72	240	49	57
Manganese (Mn)	ug/L	ns	4	<4.0	5900	7.7	1100	2600	<4.0	<4.0
Molybdenum (Mo)	ug/L	7300	<4.0	7.3	<4.0	6.7	<8.0	<8.0	7.7	4.6
Nickel (Ni)	ug/L	1600	<3.0	<3.0	<3.0	<3.0	16	45	<3.0	<3.0
Phosphorus (P)	ug/L	ns	<100	<100	<100	<100	<200	<200	<100	<100
Selenium (Se)	ug/L	50	5.3	5.6	<1.0	<1.0	<2.0	48	3.1	4.3
Silver (Ag)	ug/L	1.2	<0.10	<0.10	<0.10	<0.10	0.35	<0.20	<0.10	<0.10
Strontium (Sr)	ug/L	ns	860	740	1600	530	110000	260000	1200	1600
Thallium (Tl)	ug/L	400	<0.80	<0.80	<0.80	<0.80	<1.6	<1.6	<0.80	<0.80
Tin (Sn)	ug/L	ns	<20	<20	<20	<20	<40	<40	<20	<20
Titanium (Ti)	ug/L	ns	<3.0	<3.0	<3.0	<3.0	<6.0	14	<3.0	<3.0
Uranium (U)	ug/L	ns	0.62	1.9	0.92	0.93	0.85	3.9	<0.15	<0.15
Vanadium (V)	ug/L	200	<2.0	36	<2.0	71	<4.0	<4.0	<2.0	<2.0
Zinc (Zn)	ug/L	1100	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0
Mecury total (Hg)	ug/L	0.12	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.05	<0.01

Notes:

ug/L - micrograms per litre

< - less than analytical detection limit

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 3 (continued)
Groundwater Dissolved Metals Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID			SCU25-002-MWA	SCU26-009-MW	SCU4-001-MWA	SCU4-001-MWA	SCU4-001-MWB	SCU9-003-MWA	SCU10-001-MW	SCU10-004-MW
Sampling Date	**Units**	**Standard MOE Table 3**	11/26/2008	11/26/2008	11/19/2008	DUP B	11/19/2008	11/19/2008	11/19/2008	11/19/2008
Dissolved Metals										
Calcium (Ca)	mg/L	ns	250	70	170	160	64	170	51	130
Magnesium (Mg)	mg/L	ns	<0.1	16	9.0	8.9	9.6	13	5.5	6.0
Potassium (K)	mg/L	ns	13	11	7.2	7.5	2.2	3.0	5.5	13
Sodium (Na)	mg/L	ns	47	13	42	43	24	9.9	32	140
Sulphur (S)	mg/L	ns	52	43	94	97	22	130	52	100
Aluminum (Al)	ug/L	ns	71	12	<5.0	6.2	<5.0	43	20	<5.0
Antimony (Sb)	ug/L	ns	<0.40	5.2	3.2	2.9	<0.40	45	<0.40	1.2
Arsenic (As)	ug/L	ns	1.1	4.7	2.8	2.9	4.0	2.2	0.95	4.3
Barium (Ba)	ug/L	23000	220	25	37	37	100	78	36	56
Beryllium (Be)	ug/L	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bismuth (Bi)	ug/L	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Boron (B)	ug/L	50000	<100	110	<100	<100	<100	<100	<100	<100
Cadmium (Cd)	ug/L	11	<0.017	<0.017	0.018	<0.017	<0.017	0.039	0.19	<0.017
Chromium (Cr)	ug/L	2000	1.5	7.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cobalt (Co)	ug/L	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
Copper (Cu)	ug/L	23	<2.0	4.0	<2.0	<2.0	<2.0	8.7	<2.0	<2.0
Iron (Fe)	ug/L	ns	120	<100	380	430	<100	<100	<100	<100
Lead (Pb)	ug/L	32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lithium (Li)	ug/L	ns	37	31	14	15	7.1	6.1	<1.0	28
Manganese (Mn)	ug/L	ns	<4.0	6.9	2500	2700	330	<4.0	8900	14
Molybdenum (Mo)	ug/L	7300	9.6	8.2	<4.0	<4.0	<4.0	5.0	<4.0	6.9
Nickel (Ni)	ug/L	1600	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Phosphorus (P)	ug/L	ns	<100	<100	<100	<100	<100	<100	<100	<100
Selenium (Se)	ug/L	50	3.7	3.2	6.3	7.5	<1.0	1.3	<1.0	3.1
Silver (Ag)	ug/L	1.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Strontium (Sr)	ug/L	ns	820	280	450	460	1200	350	190	550
Thallium (Tl)	ug/L	400	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Tin (Sn)	ug/L	ns	<20	<20	<20	<20	<20	<20	<20	<20
Titanium (Ti)	ug/L	ns	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Uranium (U)	ug/L	ns	<0.15	1.0	1.5	1.5	1.8	17	<0.15	2.4
Vanadium (V)	ug/L	200	4.7	40	<2.0	<2.0	<2.0	<2.0	<2.0	8.0
Zinc (Zn)	ug/L	1100	<5.0	<5.0	13	15	<5.0	<5.0	<5.0	<5.0
Mecury total (Hg)	ug/L	0.12	<0.01	0.02	<0.01	<0.01	<0.01	0.03	<0.01	<0.01

Notes:

ug/L - micrograms per litre

< - less than analytical detection limit

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 3 (continued)
Groundwater Dissolved Metals Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID	Units	Standard MOE Table 3	SCU24-008-MW	SCU24-001-MW	SCU24-003-MW	SCU24-010-MW	SCU11-004-MWB	SCU11-004-MWB	SCU7-006-MWA	SCU7-006-MWB
Sampling Date			11/25/2008	11/25/2008	11/25/2008	11/25/2008	11/18/2008	DUP A	11/18/2008	11/18/2008
Dissolved Metals										
Calcium (Ca)	mg/L	ns	140	1200	370	250	110	150	160	140
Magnesium (Mg)	mg/L	ns	13	91	0.1	0.2	11	11	19	13
Potassium (K)	mg/L	ns	71	18	18	13	4.7	4.6	3.9	2.4
Sodium (Na)	mg/L	ns	420	800	90	62	16	15	8.2	12
Sulphur (S)	mg/L	ns	81	640	190	54	54	54	83	77
Aluminum (Al)	ug/L	ns	55	<10	7.6	130	16	20	6.8	5.6
Antimony (Sb)	ug/L	ns	1.8	<0.80	<0.40	0.43	<0.40	<0.40	3.1	<0.40
Arsenic (As)	ug/L	ns	3.4	10	<0.60	<0.60	1.4	1.5	4.4	7.5
Barium (Ba)	ug/L	23000	38	10	170	130	70	70	79	44
Beryllium (Be)	ug/L	53	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bismuth (Bi)	ug/L	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Boron (B)	ug/L	50000	<200	<200	<100	<100	<100	<100	110	<100
Cadmium (Cd)	ug/L	11	<0.034	<0.034	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Chromium (Cr)	ug/L	2000	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cobalt (Co)	ug/L	100	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4
Copper (Cu)	ug/L	23	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Iron (Fe)	ug/L	ns	<200	2200	<100	<100	140	140	130	1400
Lead (Pb)	ug/L	32	<2.0	<2.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lithium (Li)	ug/L	ns	100	57	55	48	22	23	15	4.3
Manganese (Mn)	ug/L	ns	16	570	<4.0	<4.0	260	270	190	3000
Molybdenum (Mo)	ug/L	7300	30	<8.0	8.8	6.6	<4.0	<4.0	<4.0	<4.0
Nickel (Ni)	ug/L	1600	<6.0	<6.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Phosphorus (P)	ug/L	ns	<200	<200	<100	<100	<100	<100	<100	<100
Selenium (Se)	ug/L	50	6.3	<2.0	<1.0	5.0	<1.0	<1.0	2.3	<1.0
Silver (Ag)	ug/L	1.2	<0.20	<0.20	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Strontium (Sr)	ug/L	ns	480	25000	730	770	7300	7400	380	1900
Thallium (Tl)	ug/L	400	<1.6	<1.6	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Tin (Sn)	ug/L	ns	<40	<40	<20	<20	<20	<20	<20	<20
Titanium (Ti)	ug/L	ns	<6.0	<6.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Uranium (U)	ug/L	ns	<0.30	1.1	<0.15	<0.15	2.4	2.4	3.8	0.46
Vanadium (V)	ug/L	200	110	<4.0	15	10	<2.0	<2.0	2.3	<2.0
Zinc (Zn)	ug/L	1100	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Mecury total (Hg)	ug/L	0.12	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Notes:

ug/L - micrograms per litre

< - less than analytical detection limit

'---' - sample not analyzed for parameter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

TABLE 4
Groundwater VOCs Analysis
Harbourside Commercial Park
Groundwater Monitoring Program

Monitoring Well ID		SCU10-001-MW	SCU24-001-MW	SCU24-003-MW	SCU12-001-MW	FIELD BLANK	TRIP BLANK		Standard MOE Table 3
Sampling Date	Units	11/19/2008	11/25/2008	11/25/2008	11/21/2008	11/21/2008	11/21/2008	RDL	
Chlorobenzenes									
1,2-Dichlorobenzene	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	7600
1,3-Dichlorobenzene	ug/L	<1	<1	<1	<1	<1	<1	1	7600
1,4-Dichlorobenzene	ug/L	<1	<1	<1	<1	<1	<1	1	7600
Chlorobenzene	ug/L	<1	<1	<1	<1	<1	<1	1	500
Volatile Organics									
1,1,1-Trichloroethane	ug/L	<1	<1	<1	<1	<1	<1	1	200
1,1,2,2-Tetrachloroethane	ug/L	<1	<1	<1	<1	<1	<1	1	22
1,1,2-Trichloroethane	ug/L	<1	<1	<1	<1	<1	<1	1	16000
1,1-Dichloroethane	ug/L	3	<2	<2	<2	<2	<2	2	9000
1,1-Dichloroethylene	ug/L	<2	<2	<2	<2	<2	<2	2	0.66
1,2-Dichloroethane	ug/L	<1	<1	<1	<1	<1	<1	1	17
1,2-Dichloropropane	ug/L	<1	<1	<1	<1	<1	<1	1	9.3
Benzene	ug/L	<1	<1	<1	<1	<1	<1	1	6.9
Bromodichloromethane	ug/L	<1	<1	<1	<1	<1	<1	1	50000
Bromoform	ug/L	<1	<1	<1	<1	<1	<1	1	840
Bromomethane	ug/L	<8	<8	<8	<8	<8	<8	8	3.7
Carbon Tetrachloride	ug/L	<1	<1	<1	<1	<1	<1	1	17
Chloroethane	ug/L	<8	<8	<8	<8	<8	<8	8	ns
Chloroform	ug/L	<1	<1	10	<1	<1	<1	1	430
Chloromethane	ug/L	<8	<8	<8	<8	<8	<8	8	ns
cis-1,2-Dichloroethylene	ug/L	**83**	<2	<2	<2	<2	<2	2	70
cis-1,3-Dichloropropene	ug/L	<2	<2	<2	<2	<2	<2	2	ns
Dibromochloromethane	ug/L	<1	<1	<1	<1	<1	<1	1	50000
Ethylbenzene	ug/L	<1	<1	<1	<1	<1	<1	1	20
Ethylene Dibromide	ug/L	<1	<1	<1	<1	<1	<1	1	ns
Methylene Chloride(Dichloromethane)	ug/L	<3	<3	<3	<3	<3	<3	3	ns
o-Xylene	ug/L	<1	<1	<1	<1	<1	<1	1	ns
p+m-Xylene	ug/L	<2	<2	<2	<2	<2	<2	2	ns
Styrene	ug/L	<1	<1	<1	<1	<1	<1	1	940
Tetrachloroethylene	ug/L	2	<1	<1	<1	<1	<1	1	5
Toluene	ug/L	<1	<1	<1	<1	<1	<1	1	20
trans-1,2-Dichloroethylene	ug/L	3	<2	<2	<2	<2	<2	2	100
trans-1,3-Dichloropropene	ug/L	<1	<1	<1	<1	<1	<1	1	ns
Trichloroethylene	ug/L	4	<1	<1	<1	<1	<1	1	50
Trichlorofluoromethane (FREON 11)	ug/L	<8	<8	<8	<8	<8	<8	8	ns
Vinyl Chloride	ug/L	**8**	<1	<1	<1	<1	<1	1	0.5

Notes:

ug/L - micrograms per litre

< - less than analytical detection limit indicated

'---' - sample not analyzed for paramter indicated

RDL = Reportable Detection Limit

ns - no standard listed

MOE - Ontario Ministry of Environment

<8 = RDL > criteria

Exceeds MOE Site Condition Standards Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water

QC Batch = Quality Control Batch

APPENDIX C

Analytical Certificates

Groundwater Monitoring Program

Harbourside Commercial Park, Sydney, NS

SLR Ref: 210.05479.00.12

Your Project #: 210.05479.00
Site:SYSCO
Your C.O.C. #: S 12718

Attention: Craig Chandler
SLR Consulting (Canada) Ltd
45 Wabina Crt., Suite 107B
PO Box 791, Station A
Sydney, NS
B1P 6K5

Report Date: 2008/11/26

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8D6968
Received: 2008/11/18, 16:54

Sample Matrix: Water
Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Water (PIRI)	3	2008/11/20	2008/11/22	ATL SOP-00151 R4	Based on ATL PIRI
TEH in Water (PIRI)	1	2008/11/20	2008/11/25	ATL SOP-00151 R4	Based on ATL PIRI
Mercury - Total (CVAA,LL)	4	N/A	2008/11/24	ATL SOP-00160 R4	Based on EPA245.1
Dis.metals in water ICP-OES	4	N/A	2008/11/26	ATL SOP 00175	Based on EPA200.7
Elements by ICPMS - low dissolved	4	N/A	2008/11/21	ATL SOP 00161 R3	Based on EPA6020A
PAH in Water by GC/MS (SIM)	4	2008/11/19	2008/11/25	ATL SOP 00147 R3	Based on EPA 8270C
VPH in Water (PIRI) (1)	1	2008/11/20	2008/11/23	ATL SOP 00118 R3	Based on Atl. PIRI
VPH in Water (PIRI) (1)	3	2008/11/20	2008/11/24	ATL SOP 00118 R3	Based on Atl. PIRI
ModTPH (T1) Calc. for Water	4	N/A	2008/11/26	ATL SOP-00151 R4	Based on Atl PIRI

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bedford

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TANYA ADDICOTT, Client Services Representative
Email: tanya.addicott.reports@maxxamanalytics.com
Phone# (902) 567 1255

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

This document is in electronic format, hard copy is available on request.

Maxxam Job #: A8D6968
Report Date: 2008/11/26

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC3362	BC3368	BC3369	BC3370		
Sampling Date		2008/11/18	2008/11/18	2008/11/18	2008/11/18		
COC Number		S 12718	S 12718	S 12718	S 12718		
	Units	**SCU7-006-MWA**	**SCU7-006-MWB**	**SCU11-004-MWB**	**DUP A**	**RDL**	**QC Batch**
Metals							
Dissolved Calcium (Ca)	mg/L	160	140	110	150	0.5	1682130
Dissolved Magnesium (Mg)	mg/L	19	13	11	11	0.1	1682130
Dissolved Potassium (K)	mg/L	3.9	2.4	4.7	4.6	0.1	1682130
Dissolved Sodium (Na)	mg/L	8.2	12	16	15	0.1	1682130
Dissolved Sulphur (S)	mg/L	83	77	54	54	0.5	1682130
Dissolved Aluminum (Al)	ug/L	6.8	5.6	16	20	5.0	1679970
Dissolved Antimony (Sb)	ug/L	3.1	ND	ND	ND	0.40	1679970
Dissolved Arsenic (As)	ug/L	4.4	7.5	1.4	1.5	0.60	1679970
Dissolved Barium (Ba)	ug/L	79	44	70	70	0.40	1679970
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	ND	0.50	1679970
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	ND	2.0	1679970
Dissolved Boron (B)	ug/L	110	ND	ND	ND	100	1679970
Dissolved Cadmium (Cd)	ug/L	ND	ND	ND	ND	0.017	1679970
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	ND	1.0	1679970
Dissolved Cobalt (Co)	ug/L	ND	1.4	ND	ND	1.0	1679970
Dissolved Copper (Cu)	ug/L	ND	ND	ND	ND	2.0	1679970
Dissolved Iron (Fe)	ug/L	130	1400	140	140	100	1679970
Dissolved Lead (Pb)	ug/L	ND	ND	ND	ND	1.0	1679970
Dissolved Lithium (Li)	ug/L	15	4.3	22	23	1.0	1679970
Dissolved Manganese (Mn)	ug/L	190	3000	260	270	4.0	1679970
Dissolved Molybdenum (Mo)	ug/L	ND	ND	ND	ND	4.0	1679970
Dissolved Nickel (Ni)	ug/L	ND	ND	ND	ND	3.0	1679970
Dissolved Phosphorus (P)	ug/L	ND	ND	ND	ND	100	1679970
Dissolved Selenium (Se)	ug/L	2.3	ND	ND	ND	1.0	1679970
Dissolved Silver (Ag)	ug/L	ND	ND	ND	ND	0.10	1679970
Dissolved Strontium (Sr)	ug/L	380	1900	7300	7400	2.0	1679970
Dissolved Thallium (Tl)	ug/L	ND	ND	ND	ND	0.80	1679970
Dissolved Tin (Sn)	ug/L	ND	ND	ND	ND	20	1679970
Dissolved Titanium (Ti)	ug/L	ND	ND	ND	ND	3.0	1679970
Dissolved Uranium (U)	ug/L	3.8	0.46	2.4	2.4	0.15	1679970
Dissolved Vanadium (V)	ug/L	2.3	ND	ND	ND	2.0	1679970
Dissolved Zinc (Zn)	ug/L	ND	ND	ND	ND	5.0	1679970

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Analytics International Corporation o/a Maxxam Analytics 90 Esplanade St, Sydney, Nova Scotia Canada B1P 1A1 Tel: 902 567 1255 Toll Free: 888 535 7770 Fax: 902 5396504 www.maxxamanalytics.com

Maxxam Job #: A8D6968
Report Date: 2008/11/26

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYD/ BED TIER1 (WATER)

Maxxam ID		BC3362		BC3368		
Sampling Date		2008/11/18		2008/11/18		
COC Number		S 12718		S 12718		
	Units	**SCU7-006-MWA**	**QC Batch**	**SCU7-006-MWB**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	0.002	1678507	ND	0.001	1678507
Toluene	mg/L	0.010	1678507	ND	0.001	1678507
Ethylbenzene	mg/L	0.006	1678507	ND	0.001	1678507
Xylene (Total)	mg/L	0.031	1678507	ND	0.003	1678507
C6 - C10 (less BTEX)	mg/L	0.04	1678507	ND	0.01	1678507
>C10-C21 Hydrocarbons	mg/L	0.4	1681499	ND	0.2	1678677
>C21-<C32 Hydrocarbons	mg/L	ND	1681499	ND	0.5	1678677
Modified TPH (Tier1)	mg/L	ND	1676905	ND	0.5	1676905
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	94	1681499	93		1678677
n-Dotriacontane - Extractable	%	92 (1)	1681499	107		1678677
Isobutylbenzene - Volatile	%	81 (2)	1678507	88 (2)		1678507

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) Fuel oil range.
(2) VPH analysis performed on previously opened vial.

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Maxxam Job #: A8D6968
Report Date: 2008/11/26

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYD/ BED TIER1 (WATER)

Maxxam ID		BC3369	BC3370		
Sampling Date		2008/11/18	2008/11/18		
COC Number		S 12718	S 12718		
	Units	**SCU11-004-MWB**	**DUP A**	**RDL**	**QC Batch**
Petroleum Hydrocarbons					
Benzene	mg/L	ND	ND	0.001	1678507
Toluene	mg/L	ND	ND	0.001	1678507
Ethylbenzene	mg/L	ND	ND	0.001	1678507
Xylene (Total)	mg/L	ND	ND	0.002	1678507
C6 - C10 (less BTEX)	mg/L	ND	ND	0.01	1678507
>C10-C21 Hydrocarbons	mg/L	ND	ND	0.2	1678677
>C21-<C32 Hydrocarbons	mg/L	ND	ND	0.5	1678677
Modified TPH (Tier1)	mg/L	ND	ND	0.5	1676905
Surrogate Recovery (%)					
Isobutylbenzene - Extractable	%	96	93		1678677
n-Dotriacontane - Extractable	%	95	85		1678677
Isobutylbenzene - Volatile	%	93	83		1678507

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Report Date: 2008/11/26

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Project name: SYSCO

MERCURY BY COLD VAPOUR AA (WATER)

Maxxam ID		BC3362	BC3368	BC3369	BC3370		
Sampling Date		2008/11/18	2008/11/18	2008/11/18	2008/11/18		
COC Number		S 12718	S 12718	S 12718	S 12718		
	Units	**SCU7-006-MWA**	**SCU7-006-MWB**	**SCU11-004-MWB**	**DUP A**	**RDL**	**QC Batch**
Metals							
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	0.01	1681590

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Report Date: 2008/11/26

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Client Project #: 210.05479.00
Project name: SYSCO

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC3362	BC3368	BC3369		
Sampling Date		2008/11/18	2008/11/18	2008/11/18		
COC Number		S 12718	S 12718	S 12718		
	Units	**SCU7-006-MWA**	**SCU7-006-MWB**	**SCU11-004-MWB**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	9.4	ND	ND	0.05	1677189
2-Methylnaphthalene	ug/L	5.7	ND	ND	0.05	1677189
Acenaphthene	ug/L	1.7	0.10	ND	0.01	1677189
Acenaphthylene	ug/L	11	0.08	ND	0.01	1677189
Anthracene	ug/L	0.33	ND	ND	0.01	1677189
Benzo(a)anthracene	ug/L	0.01	ND	ND	0.01	1677189
Benzo(a)pyrene	ug/L	ND	ND	ND	0.01	1677189
Benzo(b)fluoranthene	ug/L	ND	ND	ND	0.01	1677189
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.01	1677189
Benzo(k)fluoranthene	ug/L	ND	ND	ND	0.01	1677189
Chrysene	ug/L	ND	ND	ND	0.01	1677189
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1677189
Fluoranthene	ug/L	0.15	ND	ND	0.01	1677189
Fluorene	ug/L	3.8	0.12	ND	0.01	1677189
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	ND	0.01	1677189
Naphthalene	ug/L	68	ND	ND	0.2	1677189
Perylene	ug/L	ND	ND	ND	0.01	1677189
Phenanthrene	ug/L	2.6	ND	ND	0.01	1677189
Pyrene	ug/L	0.08	ND	ND	0.01	1677189
Surrogate Recovery (%)						
D10-Anthracene	%	80	89	86		1677189
D14-Terphenyl	%	81	91	87		1677189
D8-Acenaphthylene	%	82	85	83		1677189

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D6968
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SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC3370		
Sampling Date		2008/11/18		
COC Number		S 12718		
	Units	**DUP A**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons				
1-Methylnaphthalene	ug/L	ND	0.05	1677189
2-Methylnaphthalene	ug/L	ND	0.05	1677189
Acenaphthene	ug/L	ND	0.01	1677189
Acenaphthylene	ug/L	ND	0.01	1677189
Anthracene	ug/L	ND	0.01	1677189
Benzo(a)anthracene	ug/L	ND	0.01	1677189
Benzo(a)pyrene	ug/L	ND	0.01	1677189
Benzo(b)fluoranthene	ug/L	ND	0.01	1677189
Benzo(g,h,i)perylene	ug/L	ND	0.01	1677189
Benzo(k)fluoranthene	ug/L	ND	0.01	1677189
Chrysene	ug/L	ND	0.01	1677189
Dibenz(a,h)anthracene	ug/L	ND	0.01	1677189
Fluoranthene	ug/L	ND	0.01	1677189
Fluorene	ug/L	ND	0.01	1677189
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.01	1677189
Naphthalene	ug/L	ND	0.2	1677189
Perylene	ug/L	ND	0.01	1677189
Phenanthrene	ug/L	ND	0.01	1677189
Pyrene	ug/L	ND	0.01	1677189
Surrogate Recovery (%)				
D10-Anthracene	%	88		1677189
D14-Terphenyl	%	88		1677189
D8-Acenaphthylene	%	81		1677189

ND = Not detected
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QC Batch = Quality Control Batch

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GENERAL COMMENTS

Results relate only to the items tested.

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report

Maxxam Job Number: KA8D6968

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1677189	TML	MATRIX SPIKE						
		[BC3368-01]	D10-Anthracene	2008/11/25		92	%	30 - 130
			D14-Terphenyl	2008/11/25		93	%	30 - 130
			D8-Acenaphthylene	2008/11/25		91	%	30 - 130
			1-Methylnaphthalene	2008/11/25		80	%	50 - 130
			2-Methylnaphthalene	2008/11/25		80	%	50 - 130
			Acenaphthene	2008/11/25		82	%	50 - 130
			Acenaphthylene	2008/11/25		74	%	50 - 130
			Anthracene	2008/11/25		82	%	50 - 130
			Benzo(a)anthracene	2008/11/25		81	%	50 - 130
			Benzo(a)pyrene	2008/11/25		83	%	50 - 130
			Benzo(b)fluoranthene	2008/11/25		86	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/25		79	%	50 - 130
			Benzo(k)fluoranthene	2008/11/25		88	%	50 - 130
			Chrysene	2008/11/25		92	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/25		74	%	50 - 130
			Fluoranthene	2008/11/25		84	%	50 - 130
			Fluorene	2008/11/25		72	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/25		70	%	50 - 130
			Naphthalene	2008/11/25		80	%	50 - 130
			Perylene	2008/11/25		80	%	50 - 130
			Phenanthrene	2008/11/25		88	%	50 - 130
			Pyrene	2008/11/25		84	%	50 - 130
		Spiked Blank	D10-Anthracene	2008/11/25		88	%	30 - 130
			D14-Terphenyl	2008/11/25		97	%	30 - 130
			D8-Acenaphthylene	2008/11/25		89	%	30 - 130
			1-Methylnaphthalene	2008/11/25		93	%	50 - 130
			2-Methylnaphthalene	2008/11/25		91	%	50 - 130
			Acenaphthene	2008/11/25		94	%	50 - 130
			Acenaphthylene	2008/11/25		85	%	50 - 130
			Anthracene	2008/11/25		83	%	50 - 130
			Benzo(a)anthracene	2008/11/25		96	%	50 - 130
			Benzo(a)pyrene	2008/11/25		86	%	50 - 130
			Benzo(b)fluoranthene	2008/11/25		93	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/25		93	%	50 - 130
			Benzo(k)fluoranthene	2008/11/25		95	%	50 - 130
			Chrysene	2008/11/25		94	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/25		92	%	50 - 130
			Fluoranthene	2008/11/25		93	%	50 - 130
			Fluorene	2008/11/25		84	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/25		86	%	50 - 130
			Naphthalene	2008/11/25		96	%	50 - 130
			Perylene	2008/11/25		94	%	50 - 130
			Phenanthrene	2008/11/25		92	%	50 - 130
			Pyrene	2008/11/25		96	%	50 - 130
		Method Blank	D10-Anthracene	2008/11/25		89	%	30 - 130
			D14-Terphenyl	2008/11/25		89	%	30 - 130
			D8-Acenaphthylene	2008/11/25		85	%	30 - 130
			1-Methylnaphthalene	2008/11/25	ND, RDL=0.05		ug/L	
			2-Methylnaphthalene	2008/11/25	ND, RDL=0.05		ug/L	
			Acenaphthene	2008/11/25	ND, RDL=0.01		ug/L	
			Acenaphthylene	2008/11/25	ND, RDL=0.01		ug/L	
			Anthracene	2008/11/25	ND, RDL=0.01		ug/L	
			Benzo(a)anthracene	2008/11/25	ND, RDL=0.01		ug/L	
			Benzo(a)pyrene	2008/11/25	ND, RDL=0.01		ug/L	

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Attention: Craig Chandler
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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D6968

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1677189	TML	Method Blank	Benzo(b)fluoranthene	2008/11/25	ND, RDL=0.01		ug/L	
			Benzo(g,h,i)perylene	2008/11/25	ND, RDL=0.01		ug/L	
			Benzo(k)fluoranthene	2008/11/25	ND, RDL=0.01		ug/L	
			Chrysene	2008/11/25	ND, RDL=0.01		ug/L	
			Dibenz(a,h)anthracene	2008/11/25	ND, RDL=0.01		ug/L	
			Fluoranthene	2008/11/25	ND, RDL=0.01		ug/L	
			Fluorene	2008/11/25	ND, RDL=0.01		ug/L	
			Indeno(1,2,3-cd)pyrene	2008/11/25	ND, RDL=0.01		ug/L	
			Naphthalene	2008/11/25	ND, RDL=0.2		ug/L	
			Perylene	2008/11/25	ND, RDL=0.01		ug/L	
			Phenanthrene	2008/11/25	ND, RDL=0.01		ug/L	
			Pyrene	2008/11/25	ND, RDL=0.01		ug/L	
		RPD [BC3362-01]	1-Methylnaphthalene	2008/11/25	2.1		%	40
			2-Methylnaphthalene	2008/11/25	1.7		%	40
			Acenaphthene	2008/11/25	5.7		%	40
			Acenaphthylene	2008/11/25	0		%	40
			Anthracene	2008/11/25	5.9		%	40
			Benzo(a)anthracene	2008/11/25	NC		%	40
			Benzo(a)pyrene	2008/11/25	NC		%	40
			Benzo(b)fluoranthene	2008/11/25	NC		%	40
			Benzo(g,h,i)perylene	2008/11/25	NC		%	40
			Benzo(k)fluoranthene	2008/11/25	NC		%	40
			Chrysene	2008/11/25	NC		%	40
			Dibenz(a,h)anthracene	2008/11/25	NC		%	40
			Fluoranthene	2008/11/25	6.5		%	40
			Fluorene	2008/11/25	7.6		%	40
			Indeno(1,2,3-cd)pyrene	2008/11/25	NC		%	40
			Naphthalene	2008/11/25	1.5		%	40
			Perylene	2008/11/25	NC		%	40
			Phenanthrene	2008/11/25	3.8		%	40
			Pyrene	2008/11/25	11.8		%	40
1678507	GTH	MATRIX SPIKE [BC3368-01]	Isobutylbenzene - Volatile	2008/11/24		94	%	70 - 130
			Benzene	2008/11/24		96	%	70 - 130
			Toluene	2008/11/24		96	%	70 - 130
			Ethylbenzene	2008/11/24		96	%	70 - 130
			Xylene (Total)	2008/11/24		100	%	70 - 130
		Spiked Blank	Isobutylbenzene - Volatile	2008/11/24		102	%	70 - 130
			Benzene	2008/11/24		103	%	70 - 130
			Toluene	2008/11/24		107	%	70 - 130
			Ethylbenzene	2008/11/24		107	%	70 - 130
			Xylene (Total)	2008/11/24		109	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2008/11/23		98	%	70 - 130
			Benzene	2008/11/23	ND, RDL=0.001		mg/L	
			Toluene	2008/11/23	ND, RDL=0.001		mg/L	
			Ethylbenzene	2008/11/23	ND, RDL=0.001		mg/L	
			Xylene (Total)	2008/11/23	ND, RDL=0.002		mg/L	
			C6 - C10 (less BTEX)	2008/11/23	ND, RDL=0.01		mg/L	
		RPD [BC3369-01]	Benzene	2008/11/23	NC		%	40
			Toluene	2008/11/23	NC		%	40
			Ethylbenzene	2008/11/23	NC		%	40
			Xylene (Total)	2008/11/23	NC		%	40
			C6 - C10 (less BTEX)	2008/11/23	NC		%	40
1678677	JLY	MATRIX SPIKE	Isobutylbenzene - Extractable	2008/11/22		86	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/22		109	%	30 - 130

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D6968

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1678677 JLY	MATRIX SPIKE	>C10-C21 Hydrocarbons	2008/11/22		85	%	70 - 130
		>C21-<C32 Hydrocarbons	2008/11/22		83	%	50 - 120
	Spiked Blank	Isobutylbenzene - Extractable	2008/11/22		82	%	30 - 130
		n-Dotriacontane - Extractable	2008/11/22		112	%	30 - 130
		>C10-C21 Hydrocarbons	2008/11/22		88	%	70 - 130
		>C21-<C32 Hydrocarbons	2008/11/22		87	%	50 - 120
	Method Blank	Isobutylbenzene - Extractable	2008/11/22		101	%	30 - 130
		n-Dotriacontane - Extractable	2008/11/22		100	%	30 - 130
		>C10-C21 Hydrocarbons	2008/11/22	ND, RDL=0.16		mg/L	
		>C21-<C32 Hydrocarbons	2008/11/22	ND, RDL=0.51		mg/L	
	RPD	>C10-C21 Hydrocarbons	2008/11/22	NC		%	40
		>C21-<C32 Hydrocarbons	2008/11/22	NC		%	40
1679970 MBU	MATRIX SPIKE						
	[BC3370-01]	Dissolved Aluminum (Al)	2008/11/21		105	%	75 - 125
		Dissolved Antimony (Sb)	2008/11/21		113	%	75 - 125
		Dissolved Arsenic (As)	2008/11/21		107	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/21		123	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/21		104	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/21		112	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/21		104	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/21		108	%	75 - 125
		Dissolved Copper (Cu)	2008/11/21		104	%	75 - 125
		Dissolved Iron (Fe)	2008/11/21		99	%	75 - 125
		Dissolved Lithium (Li)	2008/11/21		107	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/21		103	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/21		115	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/21		106	%	75 - 125
		Dissolved Phosphorus (P)	2008/11/21		115	%	75 - 125
		Dissolved Selenium (Se)	2008/11/21		113	%	75 - 125
		Dissolved Silver (Ag)	2008/11/21		98	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/21		NC	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/21		111	%	75 - 125
		Dissolved Tin (Sn)	2008/11/21		112	%	75 - 125
		Dissolved Titanium (Ti)	2008/11/21		101	%	75 - 125
		Dissolved Uranium (U)	2008/11/21		107	%	75 - 125
		Dissolved Vanadium (V)	2008/11/21		112	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/21		100	%	75 - 125
	QC STANDARD	Dissolved Aluminum (Al)	2008/11/21		107	%	75 - 125
		Dissolved Antimony (Sb)	2008/11/21		107	%	75 - 125
		Dissolved Arsenic (As)	2008/11/21		91	%	75 - 125
		Dissolved Barium (Ba)	2008/11/21		91	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/21		97	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/21		103	%	75 - 125
		Dissolved Boron (B)	2008/11/21		104	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/21		100	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/21		99	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/21		106	%	75 - 125
		Dissolved Copper (Cu)	2008/11/21		96	%	75 - 125
		Dissolved Lead (Pb)	2008/11/21		101	%	75 - 125
		Dissolved Lithium (Li)	2008/11/21		91	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/21		104	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/21		106	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/21		101	%	75 - 125
		Dissolved Selenium (Se)	2008/11/21		81	%	75 - 125
		Dissolved Silver (Ag)	2008/11/21		101	%	75 - 125

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Attention: Craig Chandler
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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D6968

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1679970	MBU	QC STANDARD	Dissolved Strontium (Sr)	2008/11/21		102	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/21		106	%	75 - 125
			Dissolved Vanadium (V)	2008/11/21		107	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/21		85	%	75 - 125
		Spiked Blank	Dissolved Aluminum (Al)	2008/11/21		102	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/21		111	%	75 - 125
			Dissolved Arsenic (As)	2008/11/21		100	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/21		108	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/21		106	%	75 - 125
			Dissolved Boron (B)	2008/11/21		109	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/21		112	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/21		98	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/21		110	%	75 - 125
			Dissolved Copper (Cu)	2008/11/21		104	%	75 - 125
			Dissolved Iron (Fe)	2008/11/21		98	%	75 - 125
			Dissolved Lithium (Li)	2008/11/21		106	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/21		101	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/21		114	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/21		105	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/21		106	%	75 - 125
			Dissolved Selenium (Se)	2008/11/21		108	%	75 - 125
			Dissolved Silver (Ag)	2008/11/21		104	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/21		103	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/21		111	%	75 - 125
			Dissolved Tin (Sn)	2008/11/21		110	%	75 - 125
			Dissolved Titanium (Ti)	2008/11/21		97	%	75 - 125
			Dissolved Uranium (U)	2008/11/21		108	%	75 - 125
			Dissolved Vanadium (V)	2008/11/21		109	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/21		100	%	75 - 125
		Method Blank	Dissolved Aluminum (Al)	2008/11/21	ND, RDL=5.0		ug/L	
			Dissolved Antimony (Sb)	2008/11/21	ND, RDL=0.40		ug/L	
			Dissolved Arsenic (As)	2008/11/21	ND, RDL=0.60		ug/L	
			Dissolved Barium (Ba)	2008/11/21	ND, RDL=0.40		ug/L	
			Dissolved Beryllium (Be)	2008/11/21	ND, RDL=0.50		ug/L	
			Dissolved Bismuth (Bi)	2008/11/21	ND, RDL=2.0		ug/L	
			Dissolved Boron (B)	2008/11/21	ND, RDL=100		ug/L	
			Dissolved Cadmium (Cd)	2008/11/21	ND, RDL=0.017		ug/L	
			Dissolved Chromium (Cr)	2008/11/21	ND, RDL=1.0		ug/L	
			Dissolved Cobalt (Co)	2008/11/21	ND, RDL=1.0		ug/L	
			Dissolved Copper (Cu)	2008/11/21	ND, RDL=2.0		ug/L	
			Dissolved Iron (Fe)	2008/11/21	ND, RDL=100		ug/L	
			Dissolved Lead (Pb)	2008/11/21	ND, RDL=1.0		ug/L	
			Dissolved Lithium (Li)	2008/11/21	ND, RDL=1.0		ug/L	
			Dissolved Manganese (Mn)	2008/11/21	ND, RDL=4.0		ug/L	
			Dissolved Molybdenum (Mo)	2008/11/21	ND, RDL=4.0		ug/L	
			Dissolved Nickel (Ni)	2008/11/21	ND, RDL=3.0		ug/L	
			Dissolved Phosphorus (P)	2008/11/21	ND, RDL=100		ug/L	
			Dissolved Selenium (Se)	2008/11/21	ND, RDL=1.0		ug/L	
			Dissolved Silver (Ag)	2008/11/21	ND, RDL=0.10		ug/L	
			Dissolved Strontium (Sr)	2008/11/21	ND, RDL=2.0		ug/L	
			Dissolved Thallium (Tl)	2008/11/21	ND, RDL=0.80		ug/L	
			Dissolved Tin (Sn)	2008/11/21	ND, RDL=20		ug/L	
			Dissolved Titanium (Ti)	2008/11/21	ND, RDL=3.0		ug/L	
			Dissolved Uranium (U)	2008/11/21	ND, RDL=0.15		ug/L	
			Dissolved Vanadium (V)	2008/11/21	ND, RDL=2.0		ug/L	

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D6968

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1679970	MBU	Method Blank	Dissolved Zinc (Zn)	2008/11/21	ND, RDL=5.0		ug/L	
		RPD [BC3370-01]	Dissolved Aluminum (Al)	2008/11/21	NC		%	25
			Dissolved Antimony (Sb)	2008/11/21	NC		%	25
			Dissolved Arsenic (As)	2008/11/21	NC		%	25
			Dissolved Barium (Ba)	2008/11/21	3.6		%	25
			Dissolved Beryllium (Be)	2008/11/21	NC		%	25
			Dissolved Bismuth (Bi)	2008/11/21	NC		%	25
			Dissolved Boron (B)	2008/11/21	NC		%	25
			Dissolved Cadmium (Cd)	2008/11/21	NC		%	25
			Dissolved Chromium (Cr)	2008/11/21	NC		%	25
			Dissolved Cobalt (Co)	2008/11/21	NC		%	25
			Dissolved Copper (Cu)	2008/11/21	NC		%	25
			Dissolved Iron (Fe)	2008/11/21	NC		%	25
			Dissolved Lead (Pb)	2008/11/21	NC		%	25
			Dissolved Lithium (Li)	2008/11/21	8.2		%	25
			Dissolved Manganese (Mn)	2008/11/21	2.0		%	25
			Dissolved Molybdenum (Mo)	2008/11/21	NC		%	25
			Dissolved Nickel (Ni)	2008/11/21	NC		%	25
			Dissolved Phosphorus (P)	2008/11/21	NC		%	25
			Dissolved Selenium (Se)	2008/11/21	NC		%	25
			Dissolved Silver (Ag)	2008/11/21	NC		%	25
			Dissolved Strontium (Sr)	2008/11/21	2.6		%	25
			Dissolved Thallium (Tl)	2008/11/21	NC		%	25
			Dissolved Tin (Sn)	2008/11/21	NC		%	25
			Dissolved Titanium (Ti)	2008/11/21	NC		%	25
			Dissolved Uranium (U)	2008/11/21	2.1		%	25
			Dissolved Vanadium (V)	2008/11/21	NC		%	25
			Dissolved Zinc (Zn)	2008/11/21	NC		%	25
1681499	JLY	MATRIX SPIKE	Isobutylbenzene - Extractable	2008/11/25		88	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/25		99	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/25		105	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/25		74	%	50 - 120
		Spiked Blank	Isobutylbenzene - Extractable	2008/11/25		87	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/25		105	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/25		87	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/25		84	%	50 - 120
		Method Blank	Isobutylbenzene - Extractable	2008/11/25		99	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/25		100	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/25	ND, RDL=0.16		mg/L	
			>C21-<C32 Hydrocarbons	2008/11/25	ND, RDL=0.51		mg/L	
		RPD	>C10-C21 Hydrocarbons	2008/11/25	NC		%	40
			>C21-<C32 Hydrocarbons	2008/11/25	NC		%	40
1681590	JHO	MATRIX SPIKE	Total Mercury (Hg)	2008/11/24		97	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2008/11/24		113	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/24		99	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/24	ND, RDL=0.01		ug/L	
		RPD	Total Mercury (Hg)	2008/11/24	NC		%	25
1682130	JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/11/25		84	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/25		88	%	70 - 130
			Dissolved Potassium (K)	2008/11/25		114	%	70 - 130
			Dissolved Sodium (Na)	2008/11/25		90	%	70 - 130
			Dissolved Sulphur (S)	2008/11/25		96	%	70 - 130
		Spiked Blank	Dissolved Calcium (Ca)	2008/11/25		121	%	N/A
			Dissolved Magnesium (Mg)	2008/11/25		115	%	N/A
			Dissolved Potassium (K)	2008/11/25		121	%	N/A

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D6968

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682130	JHO	Spiked Blank	Dissolved Sodium (Na)	2008/11/25		119	%	N/A
			Dissolved Sulphur (S)	2008/11/25		120	%	N/A
		Method Blank	Dissolved Calcium (Ca)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Potassium (K)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Sodium (Na)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Sulphur (S)	2008/11/25	ND, RDL=0.5		mg/L	
		RPD	Dissolved Calcium (Ca)	2008/11/25	16.4		%	30
			Dissolved Magnesium (Mg)	2008/11/25	14.8		%	30
			Dissolved Potassium (K)	2008/11/25	13.5		%	30
			Dissolved Sodium (Na)	2008/11/25	14.5		%	30
			Dissolved Sulphur (S)	2008/11/25	16.5		%	N/A

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample

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Validation Signature Page

Maxxam Job #: A8D6968

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

JAMES MACDONALD, Organics Manager

MICHELLE MOMBOURQUETTE, Laboratory Manager

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

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Your Project #: 210.05479.00
Site:SYSCO
Your C.O.C. #: S 12725

Attention: Craig Chandler
SLR Consulting (Canada) Ltd
45 Wabina Crt., Suite 107B
PO Box 791, Station A
Sydney, NS
B1P 6K5

Report Date: 2008/11/28

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8D7588
Received: 2008/11/19, 16:22

Sample Matrix: Water
Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Water (PIRI)	6	2008/11/20	2008/11/22	ATL SOP-00151 R4	Based on ATL PIRI
Mercury - Total (CVAA,LL)	6	N/A	2008/11/24	ATL SOP-00160 R4	Based on EPA245.1
Dis.metals in water ICP-OES	2	N/A	2008/11/25	ATL SOP 00175	Based on EPA200.7
Dis.metals in water ICP-OES	4	N/A	2008/11/26	ATL SOP 00175	Based on EPA200.7
Elements by ICPMS - low dissolved	6	N/A	2008/11/24	ATL SOP 00161 R3	Based on EPA6020A
PAH in Water by GC/MS (SIM)	6	2008/11/24	2008/11/28	ATL SOP 00147 R3	Based on EPA 8270C
VPH in Water (PIRI) (1)	6	2008/11/20	2008/11/25	ATL SOP 00118 R3	Based on Atl. PIRI
ModTPH (T1) Calc. for Water	6	N/A	2008/11/26	ATL SOP-00151 R4	Based on Atl PIRI
Volatile Organic Compounds in Water (1)	1	2008/11/25	2008/11/26	ATL SOP 00122 R2	Based on EPA624

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bedford

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TANYA ADDICOTT, Client Services Representative
Email: tanya.addicott.reports@maxxamanalytics.com
Phone# (902) 567 1255

==========

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For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

ATLANTIC VOC IN WATER (WATER)

Maxxam ID		BC6361		
Sampling Date		2008/11/19		
COC Number		S 12725		
	Units	**SCU10-001-MW**	**RDL**	**QC Batch**
Chlorobenzenes				
1,2-Dichlorobenzene	ug/L	ND	0.5	1682135
1,3-Dichlorobenzene	ug/L	ND	1	1682135
1,4-Dichlorobenzene	ug/L	ND	1	1682135
Chlorobenzene	ug/L	ND	1	1682135
Volatile Organics				
1,1,1-Trichloroethane	ug/L	ND	1	1682135
1,1,2,2-Tetrachloroethane	ug/L	ND	1	1682135
1,1,2-Trichloroethane	ug/L	ND	1	1682135
1,1-Dichloroethane	ug/L	3	2	1682135
1,1-Dichloroethylene	ug/L	ND	2	1682135
1,2-Dichloroethane	ug/L	ND	1	1682135
1,2-Dichloropropane	ug/L	ND	1	1682135
Benzene	ug/L	ND	1	1682135
Bromodichloromethane	ug/L	ND	1	1682135
Bromoform	ug/L	ND	1	1682135
Bromomethane	ug/L	ND	8	1682135
Carbon Tetrachloride	ug/L	ND	1	1682135
Chloroethane	ug/L	ND	8	1682135
Chloroform	ug/L	ND	1	1682135
Chloromethane	ug/L	ND	8	1682135
cis-1,2-Dichloroethylene	ug/L	83	2	1682135
cis-1,3-Dichloropropene	ug/L	ND	2	1682135
Dibromochloromethane	ug/L	ND	1	1682135
Ethylbenzene	ug/L	ND	1	1682135
Ethylene Dibromide	ug/L	ND	1	1682135
Methylene Chloride(Dichloromethane)	ug/L	ND	3	1682135
o-Xylene	ug/L	ND	1	1682135
p+m-Xylene	ug/L	ND	2	1682135
Styrene	ug/L	ND	1	1682135
Tetrachloroethylene	ug/L	2	1	1682135
Toluene	ug/L	ND	1	1682135
trans-1,2-Dichloroethylene	ug/L	3	2	1682135

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

ATLANTIC VOC IN WATER (WATER)

Maxxam ID		BC6361		
Sampling Date		2008/11/19		
COC Number		S 12725		
	Units	**SCU10-001-MW**	**RDL**	**QC Batch**
trans-1,3-Dichloropropene	ug/L	ND	1	1682135
Trichloroethylene	ug/L	4	1	1682135
Trichlorofluoromethane (FREON 11)	ug/L	ND	8	1682135
Vinyl Chloride	ug/L	8	1	1682135
Surrogate Recovery (%)				
4-Bromofluorobenzene	%	99		1682135
D4-1,2-Dichloroethane	%	103		1682135
D8-Toluene	%	99		1682135

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC6342		BC6359		
Sampling Date		2008/11/19		2008/11/19		
COC Number		S 12725		S 12725		
	Units	**SCU4-001-MWA**	**RDL**	**SCU4-001-MWB**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	170	0.5	64	0.1	1682134
Dissolved Magnesium (Mg)	mg/L	9.0	0.1	9.6	0.1	1682134
Dissolved Potassium (K)	mg/L	7.2	0.1	2.2	0.1	1682134
Dissolved Sodium (Na)	mg/L	42	0.1	24	0.1	1682134
Dissolved Sulphur (S)	mg/L	94	3	22	0.5	1682134
Dissolved Aluminum (Al)	ug/L	ND	5.0	ND	5.0	1681337
Dissolved Antimony (Sb)	ug/L	3.2	0.40	ND	0.40	1681337
Dissolved Arsenic (As)	ug/L	2.8	0.60	4.0	0.60	1681337
Dissolved Barium (Ba)	ug/L	37	0.40	100	0.40	1681337
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1681337
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Boron (B)	ug/L	ND	100	ND	100	1681337
Dissolved Cadmium (Cd)	ug/L	0.018	0.017	ND	0.017	1681337
Dissolved Chromium (Cr)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Iron (Fe)	ug/L	380	100	ND	100	1681337
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Lithium (Li)	ug/L	14	1.0	7.1	1.0	1681337
Dissolved Manganese (Mn)	ug/L	2500	4.0	330	4.0	1681337
Dissolved Molybdenum (Mo)	ug/L	ND	4.0	ND	4.0	1681337
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1681337
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1681337
Dissolved Selenium (Se)	ug/L	6.3	1.0	ND	1.0	1681337
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1681337
Dissolved Strontium (Sr)	ug/L	450	2.0	1200	2.0	1681337
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1681337
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1681337
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1681337
Dissolved Uranium (U)	ug/L	1.5	0.15	1.8	0.15	1681337
Dissolved Vanadium (V)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Zinc (Zn)	ug/L	13	5.0	ND	5.0	1681337

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC6360		BC6361		
Sampling Date		2008/11/19		2008/11/19		
COC Number		S 12725		S 12725		
	Units	**SCU9-003-MWA**	**RDL**	**SCU10-001-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	170	0.5	51	0.1	1682134
Dissolved Magnesium (Mg)	mg/L	13	0.1	5.5	0.1	1682134
Dissolved Potassium (K)	mg/L	3.0	0.1	5.5	0.1	1682134
Dissolved Sodium (Na)	mg/L	9.9	0.1	32	0.1	1682134
Dissolved Sulphur (S)	mg/L	130	3	52	0.5	1682134
Dissolved Aluminum (Al)	ug/L	43	5.0	20	5.0	1681337
Dissolved Antimony (Sb)	ug/L	45	0.40	ND	0.40	1681337
Dissolved Arsenic (As)	ug/L	2.2	0.60	0.95	0.60	1681337
Dissolved Barium (Ba)	ug/L	78	0.40	36	0.40	1681337
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1681337
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Boron (B)	ug/L	ND	100	ND	100	1681337
Dissolved Cadmium (Cd)	ug/L	0.039	0.017	0.19	0.017	1681337
Dissolved Chromium (Cr)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Cobalt (Co)	ug/L	ND	1.0	1.3	1.0	1681337
Dissolved Copper (Cu)	ug/L	8.7	2.0	ND	2.0	1681337
Dissolved Iron (Fe)	ug/L	ND	100	ND	100	1681337
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Lithium (Li)	ug/L	6.1	1.0	ND	1.0	1681337
Dissolved Manganese (Mn)	ug/L	ND	4.0	8900	4.0	1681337
Dissolved Molybdenum (Mo)	ug/L	5.0	4.0	ND	4.0	1681337
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1681337
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1681337
Dissolved Selenium (Se)	ug/L	1.3	1.0	ND	1.0	1681337
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1681337
Dissolved Strontium (Sr)	ug/L	350	2.0	190	2.0	1681337
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1681337
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1681337
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1681337
Dissolved Uranium (U)	ug/L	17	0.15	ND	0.15	1681337
Dissolved Vanadium (V)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	5.0	1681337

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC6362		BC6363		
Sampling Date		2008/11/19		2008/11/19		
COC Number		S 12725		S 12725		
	Units	**SCU10-004-MW**	**RDL**	**DUP-B**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	130	0.5	160	0.5	1682134
Dissolved Magnesium (Mg)	mg/L	6.0	0.1	8.9	0.1	1682134
Dissolved Potassium (K)	mg/L	13	0.1	7.5	0.1	1682134
Dissolved Sodium (Na)	mg/L	140	0.5	43	0.1	1682134
Dissolved Sulphur (S)	mg/L	100	3	97	3	1682134
Dissolved Aluminum (Al)	ug/L	ND	5.0	6.2	5.0	1681337
Dissolved Antimony (Sb)	ug/L	1.2	0.40	2.9	0.40	1681337
Dissolved Arsenic (As)	ug/L	4.3	0.60	2.9	0.60	1681337
Dissolved Barium (Ba)	ug/L	56	0.40	37	0.40	1681337
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1681337
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Boron (B)	ug/L	ND	100	ND	100	1681337
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	0.017	1681337
Dissolved Chromium (Cr)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	2.0	1681337
Dissolved Iron (Fe)	ug/L	ND	100	430	100	1681337
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1681337
Dissolved Lithium (Li)	ug/L	28	1.0	15	1.0	1681337
Dissolved Manganese (Mn)	ug/L	14	4.0	2700	4.0	1681337
Dissolved Molybdenum (Mo)	ug/L	6.9	4.0	ND	4.0	1681337
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1681337
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1681337
Dissolved Selenium (Se)	ug/L	3.1	1.0	7.5	1.0	1681337
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1681337
Dissolved Strontium (Sr)	ug/L	550	2.0	460	2.0	1681337
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1681337
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1681337
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1681337
Dissolved Uranium (U)	ug/L	2.4	0.15	1.5	0.15	1681337
Dissolved Vanadium (V)	ug/L	8.0	2.0	ND	2.0	1681337
Dissolved Zinc (Zn)	ug/L	ND	5.0	15	5.0	1681337

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYD/ BED TIER1 (WATER)

Maxxam ID		BC6342	BC6359		BC6360		
Sampling Date		2008/11/19	2008/11/19		2008/11/19		
COC Number		S 12725	S 12725		S 12725		
	Units	**SCU4-001-MWA**	**SCU4-001-MWB**	**QC Batch**	**SCU9-003-MWA**	**RDL**	**QC Batch**
Petroleum Hydrocarbons							
Benzene	mg/L	ND	ND	1681012	ND	0.001	1682028
Toluene	mg/L	ND	ND	1681012	ND	0.001	1682028
Ethylbenzene	mg/L	ND	ND	1681012	ND	0.001	1682028
Xylene (Total)	mg/L	ND	ND	1681012	ND	0.002	1682028
C6 - C10 (less BTEX)	mg/L	ND	ND	1681012	ND	0.01	1682028
>C10-C21 Hydrocarbons	mg/L	ND	ND	1678677	ND	0.2	1678677
>C21-<C32 Hydrocarbons	mg/L	ND	ND	1678677	ND	0.5	1678677
Modified TPH (Tier1)	mg/L	ND	ND	1678081	ND	0.5	1678081
Surrogate Recovery (%)							
Isobutylbenzene - Extractable	%	95	95	1678677	91		1678677
n-Dotriacontane - Extractable	%	95	95	1678677	88		1678677
Isobutylbenzene - Volatile	%	97	99	1681012	96		1682028

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SYD/ BED TIER1 (WATER)

Maxxam ID		BC6361	BC6362	BC6363		
Sampling Date		2008/11/19	2008/11/19	2008/11/19		
COC Number		S 12725	S 12725	S 12725		
	Units	**SCU10-001-MW**	**SCU10-004-MW**	**DUP-B**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	ND	0.017	ND	0.001	1682028
Toluene	mg/L	ND	0.002	ND	0.001	1682028
Ethylbenzene	mg/L	ND	0.003	ND	0.001	1682028
Xylene (Total)	mg/L	ND	0.012	ND	0.002	1682028
C6 - C10 (less BTEX)	mg/L	ND	0.02	ND	0.01	1682028
>C10-C21 Hydrocarbons	mg/L	ND	0.4	ND	0.2	1678677
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	0.5	1678677
Modified TPH (Tier1)	mg/L	ND	ND	ND	0.5	1678081
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	97	91	98		1678677
n-Dotriacontane - Extractable	%	100	94 (1)	98		1678677
Isobutylbenzene - Volatile	%	100	103	101		1682028

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) Fuel oil range.

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

MERCURY BY COLD VAPOUR AA (WATER)

Maxxam ID		BC6342		BC6359	BC6360		
Sampling Date		2008/11/19		2008/11/19	2008/11/19		
COC Number		S 12725		S 12725	S 12725		
	Units	**SCU4-001-MWA**	**QC Batch**	**SCU4-001-MWB**	**SCU9-003-MWA**	**RDL**	**QC Batch**
Metals							
Total Mercury (Hg)	ug/L	ND	1681590	ND	0.03	0.01	1681597

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam ID		BC6361	BC6362	BC6363		
Sampling Date		2008/11/19	2008/11/19	2008/11/19		
COC Number		S 12725	S 12725	S 12725		
	Units	**SCU10-001-MW**	**SCU10-004-MW**	**DUP-B**	**RDL**	**QC Batch**
Metals						
Total Mercury (Hg)	ug/L	ND	ND	ND	0.01	1681597

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC6342	BC6359	BC6360		
Sampling Date		2008/11/19	2008/11/19	2008/11/19		
COC Number		S 12725	S 12725	S 12725		
	Units	**SCU4-001-MWA**	**SCU4-001-MWB**	**SCU9-003-MWA**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	ND	ND	ND	0.05	1681411
2-Methylnaphthalene	ug/L	ND	ND	ND	0.05	1681411
Acenaphthene	ug/L	ND	ND	0.02	0.01	1681411
Acenaphthylene	ug/L	ND	ND	ND	0.01	1681411
Anthracene	ug/L	ND	ND	0.05	0.01	1681411
Benzo(a)anthracene	ug/L	ND	ND	0.11	0.01	1681411
Benzo(a)pyrene	ug/L	ND	ND	0.05	0.01	1681411
Benzo(b)fluoranthene	ug/L	ND	ND	0.06	0.01	1681411
Benzo(g,h,i)perylene	ug/L	ND	ND	0.01	0.01	1681411
Benzo(k)fluoranthene	ug/L	ND	ND	0.05	0.01	1681411
Chrysene	ug/L	ND	ND	0.13	0.01	1681411
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1681411
Fluoranthene	ug/L	ND	ND	0.34	0.01	1681411
Fluorene	ug/L	ND	ND	0.02	0.01	1681411
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.01	0.01	1681411
Naphthalene	ug/L	ND	ND	ND	0.2	1681411
Perylene	ug/L	ND	ND	0.02	0.01	1681411
Phenanthrene	ug/L	ND	0.01	0.18	0.01	1681411
Pyrene	ug/L	ND	0.01	0.31	0.01	1681411
Surrogate Recovery (%)						
D10-Anthracene	%	99	94	92		1681411
D14-Terphenyl	%	97	98	90		1681411
D8-Acenaphthylene	%	95	93	87		1681411

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D7588
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC6361	BC6362	BC6363		
Sampling Date		2008/11/19	2008/11/19	2008/11/19		
COC Number		S 12725	S 12725	S 12725		
	Units	**SCU10-001-MW**	**SCU10-004-MW**	**DUP-B**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	ND	19	ND	0.05	1681411
2-Methylnaphthalene	ug/L	ND	14	ND	0.05	1681411
Acenaphthene	ug/L	ND	18	ND	0.01	1681411
Acenaphthylene	ug/L	ND	2.2	ND	0.01	1681411
Anthracene	ug/L	ND	1.7	ND	0.01	1681411
Benzo(a)anthracene	ug/L	ND	0.37	ND	0.01	1681411
Benzo(a)pyrene	ug/L	ND	0.12	ND	0.01	1681411
Benzo(b)fluoranthene	ug/L	ND	0.08	ND	0.01	1681411
Benzo(g,h,i)perylene	ug/L	ND	0.01	ND	0.01	1681411
Benzo(k)fluoranthene	ug/L	ND	0.11	ND	0.01	1681411
Chrysene	ug/L	ND	0.32	ND	0.01	1681411
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1681411
Fluoranthene	ug/L	ND	2.4	ND	0.01	1681411
Fluorene	ug/L	ND	10	ND	0.01	1681411
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.01	ND	0.01	1681411
Naphthalene	ug/L	ND	21	ND	0.2	1681411
Perylene	ug/L	ND	0.02	ND	0.01	1681411
Phenanthrene	ug/L	ND	5.1	ND	0.01	1681411
Pyrene	ug/L	ND	1.7	ND	0.01	1681411
Surrogate Recovery (%)						
D10-Anthracene	%	118	83	105		1681411
D14-Terphenyl	%	110	90	99		1681411
D8-Acenaphthylene	%	99	88	92		1681411

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Maxxam Job #: A8D7588
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SLR Consulting (Canada) Ltd
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GENERAL COMMENTS

Results relate only to the items tested.

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report

Maxxam Job Number: KA8D7588

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1678677	JLY	MATRIX SPIKE	Isobutylbenzene - Extractable	2008/11/22		86	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/22		109	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/22		85	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/22		83	%	50 - 120
		Spiked Blank	Isobutylbenzene - Extractable	2008/11/22		82	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/22		112	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/22		88	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/22		87	%	50 - 120
		Method Blank	Isobutylbenzene - Extractable	2008/11/22		101	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/22		100	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/22	ND, RDL=0.16		mg/L	
			>C21-<C32 Hydrocarbons	2008/11/22	ND, RDL=0.51		mg/L	
		RPD	>C10-C21 Hydrocarbons	2008/11/22	NC		%	40
			>C21-<C32 Hydrocarbons	2008/11/22	NC		%	40
1681012	GTH	MATRIX SPIKE	Isobutylbenzene - Volatile	2008/11/24		81	%	70 - 130
			Benzene	2008/11/24		83	%	70 - 130
			Toluene	2008/11/24		83	%	70 - 130
			Ethylbenzene	2008/11/24		83	%	70 - 130
			Xylene (Total)	2008/11/24		86	%	70 - 130
		Spiked Blank	Isobutylbenzene - Volatile	2008/11/24		101	%	70 - 130
			Benzene	2008/11/24		92	%	70 - 130
			Toluene	2008/11/24		95	%	70 - 130
			Ethylbenzene	2008/11/24		96	%	70 - 130
			Xylene (Total)	2008/11/24		97	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2008/11/24		98	%	70 - 130
			Benzene	2008/11/24	ND, RDL=0.001		mg/L	
			Toluene	2008/11/24	ND, RDL=0.001		mg/L	
			Ethylbenzene	2008/11/24	ND, RDL=0.001		mg/L	
			Xylene (Total)	2008/11/24	ND, RDL=0.002		mg/L	
			C6 - C10 (less BTEX)	2008/11/24	ND, RDL=0.01		mg/L	
		RPD	Benzene	2008/11/25	NC		%	40
			Toluene	2008/11/25	0.2		%	40
			Ethylbenzene	2008/11/25	0.7		%	40
			Xylene (Total)	2008/11/25	0.6		%	40
			C6 - C10 (less BTEX)	2008/11/25	1.4		%	40
1681337	MBU	MATRIX SPIKE	Dissolved Aluminum (Al)	2008/11/24		106	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/24		119	%	75 - 125
			Dissolved Arsenic (As)	2008/11/24		109	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/24		100	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/24		109	%	75 - 125
			Dissolved Boron (B)	2008/11/24		114	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/24		120	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/24		108	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/24		112	%	75 - 125
			Dissolved Copper (Cu)	2008/11/24		102	%	75 - 125
			Dissolved Iron (Fe)	2008/11/24		101	%	75 - 125
			Dissolved Lead (Pb)	2008/11/24		76	%	75 - 125
			Dissolved Lithium (Li)	2008/11/24		98	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/24		104	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/24		122	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/24		106	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/24		113	%	75 - 125
			Dissolved Selenium (Se)	2008/11/24		115	%	75 - 125
			Dissolved Silver (Ag)	2008/11/24		115	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/24		116	%	75 - 125

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D7588

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681337 MBU	MATRIX SPIKE	Dissolved Thallium (Tl)	2008/11/24		113	%	75 - 125
		Dissolved Tin (Sn)	2008/11/24		118	%	75 - 125
		Dissolved Titanium (Ti)	2008/11/24		101	%	75 - 125
		Dissolved Uranium (U)	2008/11/24		111	%	75 - 125
		Dissolved Vanadium (V)	2008/11/24		113	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/24		100	%	75 - 125
	QC STANDARD	Dissolved Aluminum (Al)	2008/11/24		122	%	75 - 125
		Dissolved Arsenic (As)	2008/11/24		105	%	75 - 125
		Dissolved Barium (Ba)	2008/11/24		105	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/24		100	%	75 - 125
		Dissolved Boron (B)	2008/11/24		112	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/24		121	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/24		82	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/24		119	%	75 - 125
		Dissolved Copper (Cu)	2008/11/24		110	%	75 - 125
		Dissolved Lead (Pb)	2008/11/24		119	%	75 - 125
		Dissolved Lithium (Li)	2008/11/24		99	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/24		118	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/24		123	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/24		110	%	75 - 125
		Dissolved Selenium (Se)	2008/11/24		106	%	75 - 125
		Dissolved Silver (Ag)	2008/11/24		124	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/24		110	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/24		123	%	75 - 125
		Dissolved Vanadium (V)	2008/11/24		113	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/24		108	%	75 - 125
	Spiked Blank	Dissolved Aluminum (Al)	2008/11/24		101	%	75 - 125
		Dissolved Antimony (Sb)	2008/11/24		109	%	75 - 125
		Dissolved Arsenic (As)	2008/11/24		102	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/24		103	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/24		111	%	75 - 125
		Dissolved Boron (B)	2008/11/24		108	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/24		114	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/24		101	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/24		110	%	75 - 125
		Dissolved Copper (Cu)	2008/11/24		103	%	75 - 125
		Dissolved Iron (Fe)	2008/11/24		95	%	75 - 125
		Dissolved Lead (Pb)	2008/11/24		79	%	75 - 125
		Dissolved Lithium (Li)	2008/11/24		102	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/24		102	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/24		112	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/24		106	%	75 - 125
		Dissolved Phosphorus (P)	2008/11/24		106	%	75 - 125
		Dissolved Selenium (Se)	2008/11/24		106	%	75 - 125
		Dissolved Silver (Ag)	2008/11/24		107	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/24		106	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/24		114	%	75 - 125
		Dissolved Tin (Sn)	2008/11/24		109	%	75 - 125
		Dissolved Titanium (Ti)	2008/11/24		100	%	75 - 125
		Dissolved Uranium (U)	2008/11/24		110	%	75 - 125
		Dissolved Vanadium (V)	2008/11/24		107	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/24		101	%	75 - 125
	Method Blank	Dissolved Aluminum (Al)	2008/11/24	ND, RDL=5.0		ug/L	
		Dissolved Antimony (Sb)	2008/11/24	ND, RDL=0.40		ug/L	
		Dissolved Arsenic (As)	2008/11/24	ND, RDL=0.60		ug/L	

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D7588

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681337	MBU	Method Blank	Dissolved Barium (Ba)	2008/11/24	ND, RDL=0.40		ug/L	
			Dissolved Beryllium (Be)	2008/11/24	ND, RDL=0.50		ug/L	
			Dissolved Bismuth (Bi)	2008/11/24	ND, RDL=2.0		ug/L	
			Dissolved Boron (B)	2008/11/24	ND, RDL=100		ug/L	
			Dissolved Cadmium (Cd)	2008/11/24	ND, RDL=0.017		ug/L	
			Dissolved Chromium (Cr)	2008/11/24	ND, RDL=1.0		ug/L	
			Dissolved Cobalt (Co)	2008/11/24	ND, RDL=1.0		ug/L	
			Dissolved Copper (Cu)	2008/11/24	ND, RDL=2.0		ug/L	
			Dissolved Iron (Fe)	2008/11/24	ND, RDL=100		ug/L	
			Dissolved Lead (Pb)	2008/11/24	ND, RDL=1.0		ug/L	
			Dissolved Lithium (Li)	2008/11/24	ND, RDL=1.0		ug/L	
			Dissolved Manganese (Mn)	2008/11/24	ND, RDL=4.0		ug/L	
			Dissolved Molybdenum (Mo)	2008/11/24	ND, RDL=4.0		ug/L	
			Dissolved Nickel (Ni)	2008/11/24	ND, RDL=3.0		ug/L	
			Dissolved Phosphorus (P)	2008/11/24	ND, RDL=100		ug/L	
			Dissolved Selenium (Se)	2008/11/24	ND, RDL=1.0		ug/L	
			Dissolved Silver (Ag)	2008/11/24	ND, RDL=0.10		ug/L	
			Dissolved Strontium (Sr)	2008/11/24	ND, RDL=2.0		ug/L	
			Dissolved Thallium (Tl)	2008/11/24	ND, RDL=0.80		ug/L	
			Dissolved Tin (Sn)	2008/11/24	ND, RDL=20		ug/L	
			Dissolved Titanium (Ti)	2008/11/24	ND, RDL=3.0		ug/L	
			Dissolved Uranium (U)	2008/11/24	ND, RDL=0.15		ug/L	
			Dissolved Vanadium (V)	2008/11/24	ND, RDL=2.0		ug/L	
			Dissolved Zinc (Zn)	2008/11/24	ND, RDL=5.0		ug/L	
		RPD	Dissolved Aluminum (Al)	2008/11/24	0.1		%	25
			Dissolved Antimony (Sb)	2008/11/24	NC		%	25
			Dissolved Arsenic (As)	2008/11/24	NC		%	25
			Dissolved Barium (Ba)	2008/11/24	0.9		%	25
			Dissolved Beryllium (Be)	2008/11/24	NC		%	25
			Dissolved Bismuth (Bi)	2008/11/24	NC		%	25
			Dissolved Boron (B)	2008/11/24	NC		%	25
			Dissolved Cadmium (Cd)	2008/11/24	0.08		%	25
			Dissolved Chromium (Cr)	2008/11/24	NC		%	25
			Dissolved Cobalt (Co)	2008/11/24	NC		%	25
			Dissolved Copper (Cu)	2008/11/24	NC		%	25
			Dissolved Iron (Fe)	2008/11/24	NC		%	25
			Dissolved Lead (Pb)	2008/11/24	NC		%	25
			Dissolved Lithium (Li)	2008/11/24	NC		%	25
			Dissolved Manganese (Mn)	2008/11/24	2.7		%	25
			Dissolved Molybdenum (Mo)	2008/11/24	NC		%	25
			Dissolved Nickel (Ni)	2008/11/24	NC		%	25
			Dissolved Phosphorus (P)	2008/11/24	NC		%	25
			Dissolved Selenium (Se)	2008/11/24	NC		%	25
			Dissolved Silver (Ag)	2008/11/24	NC		%	25
			Dissolved Strontium (Sr)	2008/11/24	1.2		%	25
			Dissolved Thallium (Tl)	2008/11/24	NC		%	25
			Dissolved Tin (Sn)	2008/11/24	NC		%	25
			Dissolved Titanium (Ti)	2008/11/24	NC		%	25
			Dissolved Uranium (U)	2008/11/24	4.2		%	25
			Dissolved Vanadium (V)	2008/11/24	NC		%	25
			Dissolved Zinc (Zn)	2008/11/24	NC		%	25
1681411	TML	MATRIX SPIKE						
		[BC6359-01]	D10-Anthracene	2008/11/28		101	%	30 - 130
			D14-Terphenyl	2008/11/28		100	%	30 - 130
			D8-Acenaphthylene	2008/11/28		95	%	30 - 130

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Quality Assurance Report (Continued)

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QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681411	TML	MATRIX SPIKE						
		[BC6359-01]	1-Methylnaphthalene	2008/11/28		94	%	50 - 130
			2-Methylnaphthalene	2008/11/28		83	%	50 - 130
			Acenaphthene	2008/11/28		88	%	50 - 130
			Acenaphthylene	2008/11/28		89	%	50 - 130
			Anthracene	2008/11/28		83	%	50 - 130
			Benzo(a)anthracene	2008/11/28		86	%	50 - 130
			Benzo(a)pyrene	2008/11/28		78	%	50 - 130
			Benzo(b)fluoranthene	2008/11/28		104	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/28		80	%	50 - 130
			Benzo(k)fluoranthene	2008/11/28		93	%	50 - 130
			Chrysene	2008/11/28		94	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/28		75	%	50 - 130
			Fluoranthene	2008/11/28		89	%	50 - 130
			Fluorene	2008/11/28		91	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/28		69	%	50 - 130
			Naphthalene	2008/11/28		82	%	50 - 130
			Perylene	2008/11/28		81	%	50 - 130
			Phenanthrene	2008/11/28		84	%	50 - 130
			Pyrene	2008/11/28		88	%	50 - 130
		Spiked Blank	D10-Anthracene	2008/11/28		107	%	30 - 130
			D14-Terphenyl	2008/11/28		105	%	30 - 130
			D8-Acenaphthylene	2008/11/28		98	%	30 - 130
			1-Methylnaphthalene	2008/11/28		96	%	50 - 130
			2-Methylnaphthalene	2008/11/28		89	%	50 - 130
			Acenaphthene	2008/11/28		93	%	50 - 130
			Acenaphthylene	2008/11/28		89	%	50 - 130
			Anthracene	2008/11/28		86	%	50 - 130
			Benzo(a)anthracene	2008/11/28		91	%	50 - 130
			Benzo(a)pyrene	2008/11/28		87	%	50 - 130
			Benzo(b)fluoranthene	2008/11/28		112	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/28		90	%	50 - 130
			Benzo(k)fluoranthene	2008/11/28		105	%	50 - 130
			Chrysene	2008/11/28		99	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/28		81	%	50 - 130
			Fluoranthene	2008/11/28		90	%	50 - 130
			Fluorene	2008/11/28		95	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/28		80	%	50 - 130
			Naphthalene	2008/11/28		84	%	50 - 130
			Perylene	2008/11/28		96	%	50 - 130
			Phenanthrene	2008/11/28		85	%	50 - 130
			Pyrene	2008/11/28		93	%	50 - 130
		Method Blank	D10-Anthracene	2008/11/28		101	%	30 - 130
			D14-Terphenyl	2008/11/28		91	%	30 - 130
			D8-Acenaphthylene	2008/11/28		92	%	30 - 130
			1-Methylnaphthalene	2008/11/28	ND, RDL=0.05		ug/L	
			2-Methylnaphthalene	2008/11/28	ND, RDL=0.05		ug/L	
			Acenaphthene	2008/11/28	ND, RDL=0.01		ug/L	
			Acenaphthylene	2008/11/28	ND, RDL=0.01		ug/L	
			Anthracene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(a)anthracene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(a)pyrene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(b)fluoranthene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(g,h,i)perylene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(k)fluoranthene	2008/11/28	ND, RDL=0.01		ug/L	

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Quality Assurance Report (Continued)

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QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681411	TML	Method Blank	Chrysene	2008/11/28	ND, RDL=0.01		ug/L	
			Dibenz(a,h)anthracene	2008/11/28	ND, RDL=0.01		ug/L	
			Fluoranthene	2008/11/28	ND, RDL=0.01		ug/L	
			Fluorene	2008/11/28	ND, RDL=0.01		ug/L	
			Indeno(1,2,3-cd)pyrene	2008/11/28	ND, RDL=0.01		ug/L	
			Naphthalene	2008/11/28	ND, RDL=0.2		ug/L	
			Perylene	2008/11/28	ND, RDL=0.01		ug/L	
			Phenanthrene	2008/11/28	ND, RDL=0.01		ug/L	
			Pyrene	2008/11/28	ND, RDL=0.01		ug/L	
		RPD [BC6342-01]	1-Methylnaphthalene	2008/11/28	NC		%	40
			2-Methylnaphthalene	2008/11/28	NC		%	40
			Acenaphthene	2008/11/28	NC		%	40
			Acenaphthylene	2008/11/28	NC		%	40
			Anthracene	2008/11/28	NC		%	40
			Benzo(a)anthracene	2008/11/28	NC		%	40
			Benzo(a)pyrene	2008/11/28	NC		%	40
			Benzo(b)fluoranthene	2008/11/28	NC		%	40
			Benzo(g,h,i)perylene	2008/11/28	NC		%	40
			Benzo(k)fluoranthene	2008/11/28	NC		%	40
			Chrysene	2008/11/28	NC		%	40
			Dibenz(a,h)anthracene	2008/11/28	NC		%	40
			Fluoranthene	2008/11/28	NC		%	40
			Fluorene	2008/11/28	NC		%	40
			Indeno(1,2,3-cd)pyrene	2008/11/28	NC		%	40
			Naphthalene	2008/11/28	NC		%	40
			Perylene	2008/11/28	NC		%	40
			Phenanthrene	2008/11/28	NC		%	40
			Pyrene	2008/11/28	NC		%	40
1681590	JHO	MATRIX SPIKE	Total Mercury (Hg)	2008/11/24		97	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2008/11/24		113	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/24		99	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/24	ND, RDL=0.01		ug/L	
		RPD	Total Mercury (Hg)	2008/11/24	NC		%	25
1681597	JHO	MATRIX SPIKE [BC6360-01]	Total Mercury (Hg)	2008/11/24		105	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2008/11/24		114	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/24		98	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/24	ND, RDL=0.1		ug/L	
		RPD [BC6359-01]	Total Mercury (Hg)	2008/11/24	NC		%	25
1682028	GTH	MATRIX SPIKE [BC6361-01]	Isobutylbenzene - Volatile	2008/11/25		102	%	70 - 130
			Benzene	2008/11/25		109	%	70 - 130
			Toluene	2008/11/25		109	%	70 - 130
			Ethylbenzene	2008/11/25		109	%	70 - 130
			Xylene (Total)	2008/11/25		110	%	70 - 130
		Spiked Blank	Isobutylbenzene - Volatile	2008/11/25		101	%	70 - 130
			Benzene	2008/11/25		93	%	70 - 130
			Toluene	2008/11/25		95	%	70 - 130
			Ethylbenzene	2008/11/25		97	%	70 - 130
			Xylene (Total)	2008/11/25		99	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2008/11/25		103	%	70 - 130
			Benzene	2008/11/25	ND, RDL=0.001		mg/L	
			Toluene	2008/11/25	ND, RDL=0.001		mg/L	
			Ethylbenzene	2008/11/25	ND, RDL=0.001		mg/L	
			Xylene (Total)	2008/11/25	ND, RDL=0.002		mg/L	

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Quality Assurance Report (Continued)

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QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682028	GTH	Method Blank	C6 - C10 (less BTEX)	2008/11/25	ND, RDL=0.01		mg/L	
		RPD [BC6360-01]	Benzene	2008/11/25	NC		%	40
			Toluene	2008/11/25	NC		%	40
			Ethylbenzene	2008/11/25	NC		%	40
			Xylene (Total)	2008/11/25	NC		%	40
			C6 - C10 (less BTEX)	2008/11/25	NC		%	40
1682134	JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/11/26		NC********	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/26		98	%	70 - 130
			Dissolved Potassium (K)	2008/11/26		110	%	70 - 130
			Dissolved Sodium (Na)	2008/11/26		113	%	70 - 130
			Dissolved Sulphur (S)	2008/11/26		98	%	70 - 130
		Spiked Blank	Dissolved Calcium (Ca)	2008/11/25		104	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/25		101	%	70 - 130
			Dissolved Potassium (K)	2008/11/25		99	%	70 - 130
			Dissolved Sodium (Na)	2008/11/25		100	%	70 - 130
			Dissolved Sulphur (S)	2008/11/25		118	%	70 - 130
		Method Blank	Dissolved Calcium (Ca)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Potassium (K)	2008/11/25	ND, RDL=0.1		mg/L	
			Dissolved Sodium (Na)	2008/11/25	0.2, RDL=0.1		mg/L	
			Dissolved Sulphur (S)	2008/11/25	ND, RDL=0.5		mg/L	
		RPD	Dissolved Calcium (Ca)	2008/11/26	0.7		%	30
			Dissolved Magnesium (Mg)	2008/11/26	0.3		%	30
			Dissolved Potassium (K)	2008/11/26	0.7		%	30
			Dissolved Sodium (Na)	2008/11/26	0.8		%	30
			Dissolved Sulphur (S)	2008/11/26	0.3		%	N/A
1682135	RMC	MATRIX SPIKE	1,2-Dichlorobenzene	2008/11/26		NC	%	70 - 130
			1,3-Dichlorobenzene	2008/11/26		105	%	70 - 130
			1,4-Dichlorobenzene	2008/11/26		101	%	70 - 130
			Chlorobenzene	2008/11/26		111	%	70 - 130
			1,1,1-Trichloroethane	2008/11/26		117	%	70 - 130
			1,1,2,2-Tetrachloroethane	2008/11/26		116	%	70 - 130
			1,1,2-Trichloroethane	2008/11/26		111	%	70 - 130
			1,1-Dichloroethane	2008/11/26		113	%	70 - 130
			1,1-Dichloroethylene	2008/11/26		105	%	70 - 130
			1,2-Dichloroethane	2008/11/26		111	%	70 - 130
			1,2-Dichloropropane	2008/11/26		105	%	70 - 130
			4-Bromofluorobenzene	2008/11/26		103	%	70 - 130
			Benzene	2008/11/26		111	%	70 - 130
			Bromodichloromethane	2008/11/26		105	%	70 - 130
			Bromoform	2008/11/26		89	%	70 - 130
			Bromomethane	2008/11/26		95	%	70 - 130
			Carbon Tetrachloride	2008/11/26		105	%	70 - 130
			Chloroethane	2008/11/26		126	%	70 - 130
			Chloroform	2008/11/26		126	%	70 - 130
			Chloromethane	2008/11/26		116	%	70 - 130
			cis-1,2-Dichloroethylene	2008/11/26		NC	%	70 - 130
			cis-1,3-Dichloropropene	2008/11/26		100	%	70 - 130
			D4-1,2-Dichloroethane	2008/11/26		102	%	70 - 130
			D8-Toluene	2008/11/26		101	%	70 - 130
			Dibromochloromethane	2008/11/26		100	%	70 - 130
			Ethylbenzene	2008/11/26		108	%	70 - 130
			Ethylene Dibromide	2008/11/26		115	%	70 - 130
			Methylene Chloride(Dichloromethane)	2008/11/26		111	%	70 - 130
			o-Xylene	2008/11/26		105	%	70 - 130

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QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682135 RMC	MATRIX SPIKE	p+m-Xylene	2008/11/26		105	%	70 - 130
		Styrene	2008/11/26		90	%	70 - 130
		Tetrachloroethylene	2008/11/26		111	%	70 - 130
		Toluene	2008/11/26		111	%	70 - 130
		trans-1,2-Dichloroethylene	2008/11/26		116	%	70 - 130
		trans-1,3-Dichloropropene	2008/11/26		89	%	70 - 130
		Trichloroethylene	2008/11/26		116	%	70 - 130
		Trichlorofluoromethane (FREON 11)	2008/11/26		105	%	70 - 130
		Vinyl Chloride	2008/11/26		110	%	70 - 130
	Spiked Blank	1,2-Dichlorobenzene	2008/11/26		98	%	70 - 130
		1,3-Dichlorobenzene	2008/11/26		98	%	70 - 130
		1,4-Dichlorobenzene	2008/11/26		97	%	70 - 130
		Chlorobenzene	2008/11/26		100	%	70 - 130
		1,1,1-Trichloroethane	2008/11/26		110	%	70 - 130
		1,1,2,2-Tetrachloroethane	2008/11/26		101	%	70 - 130
		1,1,2-Trichloroethane	2008/11/26		104	%	70 - 130
		1,1-Dichloroethane	2008/11/26		105	%	70 - 130
		1,1-Dichloroethylene	2008/11/26		100	%	70 - 130
		1,2-Dichloroethane	2008/11/26		105	%	70 - 130
		1,2-Dichloropropane	2008/11/26		102	%	70 - 130
		4-Bromofluorobenzene	2008/11/26		101	%	70 - 130
		Benzene	2008/11/26		106	%	70 - 130
		Bromodichloromethane	2008/11/26		100	%	70 - 130
		Bromoform	2008/11/26		88	%	70 - 130
		Bromomethane	2008/11/26		89	%	70 - 130
		Carbon Tetrachloride	2008/11/26		110	%	70 - 130
		Chloroethane	2008/11/26		107	%	70 - 130
		Chloroform	2008/11/26		118	%	70 - 130
		Chloromethane	2008/11/26		111	%	70 - 130
		cis-1,2-Dichloroethylene	2008/11/26		103	%	70 - 130
		cis-1,3-Dichloropropene	2008/11/26		96	%	70 - 130
		D4-1,2-Dichloroethane	2008/11/26		102	%	70 - 130
		D8-Toluene	2008/11/26		101	%	70 - 130
		Dibromochloromethane	2008/11/26		95	%	70 - 130
		Ethylbenzene	2008/11/26		103	%	70 - 130
		Ethylene Dibromide	2008/11/26		108	%	70 - 130
		Methylene Chloride(Dichloromethane)	2008/11/26		108	%	70 - 130
		o-Xylene	2008/11/26		97	%	70 - 130
		p+m-Xylene	2008/11/26		98	%	70 - 130
		Styrene	2008/11/26		99	%	70 - 130
		Tetrachloroethylene	2008/11/26		109	%	70 - 130
		Toluene	2008/11/26		105	%	70 - 130
		trans-1,2-Dichloroethylene	2008/11/26		109	%	70 - 130
		trans-1,3-Dichloropropene	2008/11/26		89	%	70 - 130
		Trichloroethylene	2008/11/26		107	%	70 - 130
		Trichlorofluoromethane (FREON 11)	2008/11/26		101	%	70 - 130
		Vinyl Chloride	2008/11/26		109	%	70 - 130
	Method Blank	1,2-Dichlorobenzene	2008/11/26	ND, RDL=0.5		ug/L	
		1,3-Dichlorobenzene	2008/11/26	ND, RDL=1		ug/L	
		1,4-Dichlorobenzene	2008/11/26	ND, RDL=1		ug/L	
		Chlorobenzene	2008/11/26	ND, RDL=1		ug/L	
		1,1,1-Trichloroethane	2008/11/26	ND, RDL=1		ug/L	
		1,1,2,2-Tetrachloroethane	2008/11/26	ND, RDL=1		ug/L	
		1,1,2-Trichloroethane	2008/11/26	ND, RDL=1		ug/L	
		1,1-Dichloroethane	2008/11/26	ND, RDL=2		ug/L	

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D7588

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682135	RMC	Method Blank	1,1-Dichloroethylene	2008/11/26	ND, RDL=2		ug/L	
			1,2-Dichloroethane	2008/11/26	ND, RDL=1		ug/L	
			1,2-Dichloropropane	2008/11/26	ND, RDL=1		ug/L	
			4-Bromofluorobenzene	2008/11/26		100	%	70 - 130
			Benzene	2008/11/26	ND, RDL=1		ug/L	
			Bromodichloromethane	2008/11/26	ND, RDL=1		ug/L	
			Bromoform	2008/11/26	ND, RDL=1		ug/L	
			Bromomethane	2008/11/26	ND, RDL=8		ug/L	
			Carbon Tetrachloride	2008/11/26	ND, RDL=1		ug/L	
			Chloroethane	2008/11/26	ND, RDL=8		ug/L	
			Chloroform	2008/11/26	ND, RDL=1		ug/L	
			Chloromethane	2008/11/26	ND, RDL=8		ug/L	
			cis-1,2-Dichloroethylene	2008/11/26	ND, RDL=2		ug/L	
			cis-1,3-Dichloropropene	2008/11/26	ND, RDL=2		ug/L	
			D4-1,2-Dichloroethane	2008/11/26		101	%	70 - 130
			D8-Toluene	2008/11/26		99	%	70 - 130
			Dibromochloromethane	2008/11/26	ND, RDL=1		ug/L	
			Ethylbenzene	2008/11/26	ND, RDL=1		ug/L	
			Ethylene Dibromide	2008/11/26	ND, RDL=1		ug/L	
			Methylene Chloride(Dichloromethane)	2008/11/26	ND, RDL=3		ug/L	
			o-Xylene	2008/11/26	ND, RDL=1		ug/L	
			p+m-Xylene	2008/11/26	ND, RDL=2		ug/L	
			Styrene	2008/11/26	ND, RDL=1		ug/L	
			Tetrachloroethylene	2008/11/26	ND, RDL=1		ug/L	
			Toluene	2008/11/26	ND, RDL=1		ug/L	
			trans-1,2-Dichloroethylene	2008/11/26	ND, RDL=2		ug/L	
			trans-1,3-Dichloropropene	2008/11/26	ND, RDL=1		ug/L	
			Trichloroethylene	2008/11/26	ND, RDL=1		ug/L	
			Trichlorofluoromethane (FREON 11)	2008/11/26	ND, RDL=8		ug/L	
			Vinyl Chloride	2008/11/26	ND, RDL=1		ug/L	
		RPD	1,2-Dichlorobenzene	2008/11/26	NC		%	40
			1,3-Dichlorobenzene	2008/11/26	NC		%	40
			1,4-Dichlorobenzene	2008/11/26	NC		%	40
			Chlorobenzene	2008/11/26	NC		%	40
			1,1,1-Trichloroethane	2008/11/26	NC		%	40
			1,1,2,2-Tetrachloroethane	2008/11/26	NC		%	40
			1,1,2-Trichloroethane	2008/11/26	NC		%	40
			1,1-Dichloroethane	2008/11/26	NC		%	40
			1,1-Dichloroethylene	2008/11/26	NC		%	40
			1,2-Dichloroethane	2008/11/26	NC		%	40
			1,2-Dichloropropane	2008/11/26	NC		%	40
			Benzene	2008/11/26	NC		%	40
			Bromodichloromethane	2008/11/26	NC		%	40
			Bromoform	2008/11/26	NC		%	40
			Bromomethane	2008/11/26	NC		%	40
			Carbon Tetrachloride	2008/11/26	NC		%	40
			Chloroethane	2008/11/26	NC		%	40
			Chloroform	2008/11/26	NC		%	40
			Chloromethane	2008/11/26	NC		%	40
			cis-1,2-Dichloroethylene	2008/11/26	NC		%	40
			cis-1,3-Dichloropropene	2008/11/26	NC		%	40
			Dibromochloromethane	2008/11/26	NC		%	40
			Ethylbenzene	2008/11/26	NC		%	40
			Ethylene Dibromide	2008/11/26	NC		%	40
			Methylene Chloride(Dichloromethane)	2008/11/26	NC		%	40

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D7588

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682135	RMC	RPD	o-Xylene	2008/11/26	NC		%	40
			p+m-Xylene	2008/11/26	NC		%	40
			Styrene	2008/11/26	NC		%	40
			Tetrachloroethylene	2008/11/26	NC		%	40
			Toluene	2008/11/26	NC		%	40
			trans-1,2-Dichloroethylene	2008/11/26	NC		%	40
			trans-1,3-Dichloropropene	2008/11/26	NC		%	40
			Trichloroethylene	2008/11/26	NC		%	40
			Trichlorofluoromethane (FREON 11)	2008/11/26	NC		%	40
			Vinyl Chloride	2008/11/26	NC		%	40

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample

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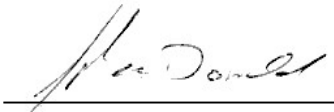
Validation Signature Page

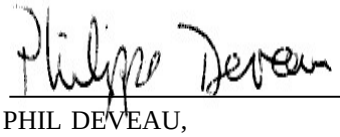
Maxxam Job #: A8D7588

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



JAMES MACDONALD, Organics Manager

MICHELLE MOMBOURQUETTE, Laboratory Manager



PHIL DEVEAU,

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Your Project #: 210.05479.00
Site: SYSCO SYDNEY
Your C.O.C. #: S 12763

Attention: Craig Chandler
SLR Consulting (Canada) Ltd
45 Wabina Crt., Suite 107B
PO Box 791, Station A
Sydney, NS
B1P 6K5

Report Date: 2008/12/03
This report supersedes all previous reports with the same Maxxam job number

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8D8288
Received: 2008/11/20, 16:27

Sample Matrix: Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Water (PIRI)	7	2008/11/27	2008/11/27	ATL SOP-00151 R4	Based on ATL PIRI
Mercury - Total (CVAA,LL)	7	N/A	2008/11/24	ATL SOP-00160 R4	Based on EPA245.1
Dis.metals in water ICP-OES	7	N/A	2008/11/28	ATL SOP 00175	Based on EPA200.7
Elements by ICPMS - low dissolved	7	N/A	2008/11/26	ATL SOP 00161 R3	Based on EPA6020A
PAH in Water by GC/MS (SIM)	7	2008/11/26	2008/11/30	ATL SOP 00147 R3	Based on EPA 8270C
VPH in Water (PIRI) (1)	4	2008/11/27	2008/11/27	ATL SOP 00118 R3	Based on Atl. PIRI
VPH in Water (PIRI) (1)	3	2008/11/27	2008/11/28	ATL SOP 00118 R3	Based on Atl. PIRI
ModTPH (T1) Calc. for Water	4	N/A	2008/11/28	ATL SOP-00151 R4	Based on Atl PIRI
ModTPH (T1) Calc. for Water	3	N/A	2008/11/30	ATL SOP-00151 R4	Based on Atl PIRI

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bedford

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TANYA ADDICOTT, Client Services Representative
Email: tanya.addicott.reports@maxxamanalytics.com
Phone# (902) 567 1255

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For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC9850		BC9861	BC9862		
Sampling Date		2008/11/20		2008/11/20	2008/11/20		
COC Number		S 12763		S 12763	S 12763		
	Units	**SCU13-006-MWB**	**RDL**	**DUP C**	**SCU13-006-MWA**	**RDL**	**QC Batch**
Metals							
Dissolved Calcium (Ca)	mg/L	180	1	140	120	0.5	1684712
Dissolved Magnesium (Mg)	mg/L	24	0.1	15	13	0.1	1684712
Dissolved Potassium (K)	mg/L	6.3	0.1	7.0	6.6	0.1	1684712
Dissolved Sodium (Na)	mg/L	86	0.1	52	51	0.1	1684712
Dissolved Sulphur (S)	mg/L	210	5	120	130	3	1684712
Dissolved Aluminum (Al)	ug/L	22	5.0	27	11	5.0	1683871
Dissolved Antimony (Sb)	ug/L	ND	0.40	ND	ND	0.40	1683871
Dissolved Arsenic (As)	ug/L	1.4	0.60	3.6	3.7	0.60	1683871
Dissolved Barium (Ba)	ug/L	23	0.40	38	36	0.40	1683871
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	ND	0.50	1683871
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	ND	2.0	1683871
Dissolved Boron (B)	ug/L	160	100	ND	ND	100	1683871
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	ND	0.017	1683871
Dissolved Chromium (Cr)	ug/L	ND	1.0	1.8	1.8	1.0	1683871
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	ND	1.0	1683871
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	ND	2.0	1683871
Dissolved Iron (Fe)	ug/L	ND	100	ND	ND	100	1683871
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	ND	1.0	1683871
Dissolved Lithium (Li)	ug/L	46	1.0	30	28	1.0	1683871
Dissolved Manganese (Mn)	ug/L	42	4.0	9.6	6.2	4.0	1683871
Dissolved Molybdenum (Mo)	ug/L	4.5	4.0	9.3	9.3	4.0	1683871
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	ND	3.0	1683871
Dissolved Phosphorus (P)	ug/L	ND	100	ND	ND	100	1683871
Dissolved Selenium (Se)	ug/L	ND	1.0	1.9	2.2	1.0	1683871
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	ND	0.10	1683871
Dissolved Strontium (Sr)	ug/L	7300	2.0	1300	1300	2.0	1683871
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	ND	0.80	1683871
Dissolved Tin (Sn)	ug/L	ND	20	ND	ND	20	1683871
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	ND	3.0	1683871
Dissolved Uranium (U)	ug/L	0.95	0.15	3.3	3.1	0.15	1683871
Dissolved Vanadium (V)	ug/L	ND	2.0	5.1	4.7	2.0	1683871
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	ND	5.0	1683871

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC9863		BC9864		
Sampling Date		2008/11/20		2008/11/20		
COC Number		S 12763		S 12763		
	Units	**SCU15-013-MW**	**RDL**	**SCU13-003-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	250	1	160	0.5	1684717
Dissolved Magnesium (Mg)	mg/L	37	0.1	2.3	0.1	1684717
Dissolved Potassium (K)	mg/L	11	0.1	9.6	0.1	1684717
Dissolved Sodium (Na)	mg/L	55	0.1	24	0.1	1684717
Dissolved Sulphur (S)	mg/L	300	5	150	3	1684717
Dissolved Aluminum (Al)	ug/L	7.5	5.0	16	5.0	1683871
Dissolved Antimony (Sb)	ug/L	ND	0.40	4.8	0.40	1683871
Dissolved Arsenic (As)	ug/L	ND	0.60	4.5	0.60	1683871
Dissolved Barium (Ba)	ug/L	140	0.40	44	0.40	1683871
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1683871
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1683871
Dissolved Boron (B)	ug/L	150	100	ND	100	1683871
Dissolved Cadmium (Cd)	ug/L	0.021	0.017	ND	0.017	1683871
Dissolved Chromium (Cr)	ug/L	3.2	1.0	4.8	1.0	1683871
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1683871
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	2.0	1683871
Dissolved Iron (Fe)	ug/L	ND	100	ND	100	1683871
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1683871
Dissolved Lithium (Li)	ug/L	ND	1.0	11	1.0	1683871
Dissolved Manganese (Mn)	ug/L	ND	4.0	ND	4.0	1683871
Dissolved Molybdenum (Mo)	ug/L	ND	4.0	7.3	4.0	1683871
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1683871
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1683871
Dissolved Selenium (Se)	ug/L	5.3	1.0	5.6	1.0	1683871
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1683871
Dissolved Strontium (Sr)	ug/L	860	2.0	740	2.0	1683871
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1683871
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1683871
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1683871
Dissolved Uranium (U)	ug/L	0.62	0.15	1.9	0.15	1683871
Dissolved Vanadium (V)	ug/L	ND	2.0	36	2.0	1683871
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	5.0	1683871

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BC9865		BC9866		
Sampling Date		2008/11/20		2008/11/20		
COC Number		S 12763		S 12763		
	Units	**SCU15-018-MW**	**RDL**	**SCU12-003-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	130	0.5	120	0.5	1684717
Dissolved Magnesium (Mg)	mg/L	37	0.1	7.7	0.1	1684717
Dissolved Potassium (K)	mg/L	5.4	0.1	8.8	0.1	1684717
Dissolved Sodium (Na)	mg/L	42	0.1	54	0.1	1684717
Dissolved Sulphur (S)	mg/L	24	0.5	110	3	1684717
Dissolved Aluminum (Al)	ug/L	28	5.0	31	5.0	1683871
Dissolved Antimony (Sb)	ug/L	ND	0.40	ND	0.40	1683871
Dissolved Arsenic (As)	ug/L	5.8	0.60	4.0	0.60	1683871
Dissolved Barium (Ba)	ug/L	920	0.40	67	0.40	1683871
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1683871
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1683871
Dissolved Boron (B)	ug/L	ND	100	120	100	1683871
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	0.017	1683871
Dissolved Chromium (Cr)	ug/L	ND	1.0	13	1.0	1683871
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1683871
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	2.0	1683871
Dissolved Iron (Fe)	ug/L	4100	100	ND	100	1683871
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1683871
Dissolved Lithium (Li)	ug/L	2.8	1.0	10	1.0	1683871
Dissolved Manganese (Mn)	ug/L	5900	4.0	7.7	4.0	1683871
Dissolved Molybdenum (Mo)	ug/L	ND	4.0	6.7	4.0	1683871
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1683871
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1683871
Dissolved Selenium (Se)	ug/L	ND	1.0	ND	1.0	1683871
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1683871
Dissolved Strontium (Sr)	ug/L	1600	2.0	530	2.0	1683871
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1683871
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1683871
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1683871
Dissolved Uranium (U)	ug/L	0.92	0.15	0.93	0.15	1683871
Dissolved Vanadium (V)	ug/L	ND	2.0	71	2.0	1683871
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	5.0	1683871

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BC9850	BC9861	BC9862		
Sampling Date		2008/11/20	2008/11/20	2008/11/20		
COC Number		S 12763	S 12763	S 12763		
	Units	**SCU13-006-MWB**	**DUP C**	**SCU13-006-MWA**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	ND	ND	ND	0.001	1684805
Toluene	mg/L	ND	ND	ND	0.001	1684805
Ethylbenzene	mg/L	ND	ND	ND	0.001	1684805
Xylene (Total)	mg/L	ND	ND	ND	0.002	1684805
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	0.01	1684805
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	0.2	1685299
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	0.5	1685299
Modified TPH (Tier1)	mg/L	ND	ND	ND	0.5	1679214
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	92	76	88		1685299
n-Dotriacontane - Extractable	%	94	79	92		1685299
Isobutylbenzene - Volatile	%	96	100	99		1684805

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BC9863	BC9864		BC9865		
Sampling Date		2008/11/20	2008/11/20		2008/11/20		
COC Number		S 12763	S 12763		S 12763		
	Units	**SCU15-013-MW**	**SCU13-003-MW**	**RDL**	**SCU15-018-MW**	**RDL**	**QC Batch**
Petroleum Hydrocarbons							
Benzene	mg/L	ND	ND	0.001	0.19	0.01	1684805
Toluene	mg/L	ND	ND	0.001	0.04	0.01	1684805
Ethylbenzene	mg/L	ND	ND	0.001	0.49	0.01	1684805
Xylene (Total)	mg/L	ND	ND	0.002	1.3	0.02	1684805
C6 - C10 (less BTEX)	mg/L	ND	ND	0.01	3.2	0.1	1684805
>C10-C21 Hydrocarbons	mg/L	ND	ND	0.2	5.6	0.2	1685299
>C21-<C32 Hydrocarbons	mg/L	ND	ND	0.5	ND	0.5	1685299
Modified TPH (Tier1)	mg/L	ND	ND	0.5	8.8	0.5	1679214
Surrogate Recovery (%)							
Isobutylbenzene - Extractable	%	96	85		70		1685299
n-Dotriacontane - Extractable	%	98	87		71 (1)		1685299
Isobutylbenzene - Volatile	%	94	95		96		1684805

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) Gasoline fraction.

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BC9866		
Sampling Date		2008/11/20		
COC Number		S 12763		
	Units	**SCU12-003-MW**	**RDL**	**QC Batch**
Petroleum Hydrocarbons				
Benzene	mg/L	ND	0.001	1684805
Toluene	mg/L	ND	0.001	1684805
Ethylbenzene	mg/L	ND	0.001	1684805
Xylene (Total)	mg/L	ND	0.002	1684805
C6 - C10 (less BTEX)	mg/L	ND	0.01	1684805
>C10-C21 Hydrocarbons	mg/L	ND	0.2	1685299
>C21-<C32 Hydrocarbons	mg/L	ND	0.5	1685299
Modified TPH (Tier1)	mg/L	ND	0.5	1679214
Surrogate Recovery (%)				
Isobutylbenzene - Extractable	%	91		1685299
n-Dotriacontane - Extractable	%	85		1685299
Isobutylbenzene - Volatile	%	96		1684805

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

MERCURY BY COLD VAPOUR AA (WATER)

Maxxam ID		BC9850	BC9861	BC9862	BC9863		
Sampling Date		2008/11/20	2008/11/20	2008/11/20	2008/11/20		
COC Number		S 12763	S 12763	S 12763	S 12763		
	Units	**SCU13-006-MWB**	**DUP C**	**SCU13-006-MWA**	**SCU15-013-MW**	**RDL**	**QC Batch**
Metals							
Total Mercury (Hg)	ug/L	ND	0.01	ND	ND	0.01	1681597

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam ID		BC9864	BC9865	BC9866		
Sampling Date		2008/11/20	2008/11/20	2008/11/20		
COC Number		S 12763	S 12763	S 12763		
	Units	**SCU13-003-MW**	**SCU15-018-MW**	**SCU12-003-MW**	**RDL**	**QC Batch**
Metals						
Total Mercury (Hg)	ug/L	ND	0.01	ND	0.01	1681597

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC9850	BC9861	BC9862		
Sampling Date		2008/11/20	2008/11/20	2008/11/20		
COC Number		S 12763	S 12763	S 12763		
	Units	**SCU13-006-MWB**	**DUP C**	**SCU13-006-MWA**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	ND	ND	ND	0.05	1684083
2-Methylnaphthalene	ug/L	ND	ND	ND	0.05	1684083
Acenaphthene	ug/L	ND	ND	ND	0.01	1684083
Acenaphthylene	ug/L	ND	ND	ND	0.01	1684083
Anthracene	ug/L	ND	ND	ND	0.01	1684083
Benzo(a)anthracene	ug/L	ND	ND	ND	0.01	1684083
Benzo(a)pyrene	ug/L	ND	ND	ND	0.01	1684083
Benzo(b)fluoranthene	ug/L	ND	ND	ND	0.01	1684083
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.01	1684083
Benzo(k)fluoranthene	ug/L	ND	ND	ND	0.01	1684083
Chrysene	ug/L	ND	ND	ND	0.01	1684083
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1684083
Fluoranthene	ug/L	ND	ND	ND	0.01	1684083
Fluorene	ug/L	ND	ND	ND	0.01	1684083
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	ND	0.01	1684083
Naphthalene	ug/L	ND	ND	ND	0.2	1684083
Perylene	ug/L	ND	ND	ND	0.01	1684083
Phenanthrene	ug/L	ND	ND	ND	0.01	1684083
Pyrene	ug/L	ND	ND	ND	0.01	1684083
Surrogate Recovery (%)						
D10-Anthracene	%	105	103	113		1684083
D14-Terphenyl	%	91	96	94		1684083
D8-Acenaphthylene	%	87	92	88		1684083

ND = Not detected
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Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC9863	BC9864	BC9865		
Sampling Date		2008/11/20	2008/11/20	2008/11/20		
COC Number		S 12763	S 12763	S 12763		
	Units	**SCU15-013-MW**	**SCU13-003-MW**	**SCU15-018-MW**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	ND	ND	140	0.05	1684083
2-Methylnaphthalene	ug/L	ND	ND	210	0.05	1684083
Acenaphthene	ug/L	0.04	ND	36	0.01	1684083
Acenaphthylene	ug/L	0.04	ND	1.0	0.01	1684083
Anthracene	ug/L	0.13	ND	5.1	0.01	1684083
Benzo(a)anthracene	ug/L	0.27	ND	1.1	0.01	1684083
Benzo(a)pyrene	ug/L	0.25	ND	0.51	0.01	1684083
Benzo(b)fluoranthene	ug/L	0.19	ND	0.32	0.01	1684083
Benzo(g,h,i)perylene	ug/L	0.12	ND	0.08	0.01	1684083
Benzo(k)fluoranthene	ug/L	0.23	ND	0.47	0.01	1684083
Chrysene	ug/L	0.26	ND	0.91	0.01	1684083
Dibenz(a,h)anthracene	ug/L	0.02	ND	0.02	0.01	1684083
Fluoranthene	ug/L	0.65	ND	4.2	0.01	1684083
Fluorene	ug/L	0.05	ND	20	0.01	1684083
Indeno(1,2,3-cd)pyrene	ug/L	0.15	ND	0.10	0.01	1684083
Naphthalene	ug/L	ND	ND	3500	0.2	1684083
Perylene	ug/L	0.08	ND	0.08	0.01	1684083
Phenanthrene	ug/L	0.45	ND	21	0.01	1684083
Pyrene	ug/L	0.52	0.01	2.6	0.01	1684083
Surrogate Recovery (%)						
D10-Anthracene	%	108	117	80		1684083
D14-Terphenyl	%	100	102	90		1684083
D8-Acenaphthylene	%	97	95	71		1684083

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BC9866		
Sampling Date		2008/11/20		
COC Number		S 12763		
	Units	**SCU12-003-MW**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons				
1-Methylnaphthalene	ug/L	ND	0.05	1684083
2-Methylnaphthalene	ug/L	ND	0.05	1684083
Acenaphthene	ug/L	ND	0.01	1684083
Acenaphthylene	ug/L	ND	0.01	1684083
Anthracene	ug/L	ND	0.01	1684083
Benzo(a)anthracene	ug/L	ND	0.01	1684083
Benzo(a)pyrene	ug/L	ND	0.01	1684083
Benzo(b)fluoranthene	ug/L	ND	0.01	1684083
Benzo(g,h,i)perylene	ug/L	ND	0.01	1684083
Benzo(k)fluoranthene	ug/L	ND	0.01	1684083
Chrysene	ug/L	ND	0.01	1684083
Dibenz(a,h)anthracene	ug/L	ND	0.01	1684083
Fluoranthene	ug/L	ND	0.01	1684083
Fluorene	ug/L	ND	0.01	1684083
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.01	1684083
Naphthalene	ug/L	ND	0.2	1684083
Perylene	ug/L	ND	0.01	1684083
Phenanthrene	ug/L	ND	0.01	1684083
Pyrene	ug/L	ND	0.01	1684083
Surrogate Recovery (%)				
D10-Anthracene	%	90		1684083
D14-Terphenyl	%	89		1684083
D8-Acenaphthylene	%	78		1684083

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D8288
Report Date: 2008/12/03

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

GENERAL COMMENTS

Report is reissued because of change to result for beryllium. A review of the data showed the result was biased high.

Results relate only to the items tested.

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report

Maxxam Job Number: KA8D8288

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681597	JHO	MATRIX SPIKE	Total Mercury (Hg)	2008/11/24		105	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2008/11/24		114	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/24		98	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/24	ND, RDL=0.1		ug/L	
		RPD	Total Mercury (Hg)	2008/11/24	NC		%	25
1683871	MBU	MATRIX SPIKE	Dissolved Aluminum (Al)	2008/11/26		109	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/26		121	%	75 - 125
			Dissolved Arsenic (As)	2008/11/26		104	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/26		71 (1)	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/26		99	%	75 - 125
			Dissolved Boron (B)	2008/11/26		70 (1)	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/26		123	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/26		107	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/26		107	%	75 - 125
			Dissolved Copper (Cu)	2008/11/26		101	%	75 - 125
			Dissolved Iron (Fe)	2008/11/26		102	%	75 - 125
			Dissolved Lithium (Li)	2008/11/26		86	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/26		101	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/26		117	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/26		103	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/26		84	%	75 - 125
			Dissolved Selenium (Se)	2008/11/26		114	%	75 - 125
			Dissolved Silver (Ag)	2008/11/26		111	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/26		NC	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/26		106	%	75 - 125
			Dissolved Tin (Sn)	2008/11/26		120	%	75 - 125
			Dissolved Titanium (Ti)	2008/11/26		105	%	75 - 125
			Dissolved Uranium (U)	2008/11/26		109	%	75 - 125
			Dissolved Vanadium (V)	2008/11/26		112	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/26		102	%	75 - 125
		QC STANDARD	Dissolved Aluminum (Al)	2008/11/26		120	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/26		124	%	75 - 125
			Dissolved Arsenic (As)	2008/11/26		106	%	75 - 125
			Dissolved Barium (Ba)	2008/11/26		108	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/26		113	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/26		113	%	75 - 125
			Dissolved Boron (B)	2008/11/26		90	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/26		120	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/26		124	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/26		114	%	75 - 125
			Dissolved Copper (Cu)	2008/11/26		110	%	75 - 125
			Dissolved Lead (Pb)	2008/11/26		115	%	75 - 125
			Dissolved Lithium (Li)	2008/11/26		109	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/26		119	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/26		121	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/26		112	%	75 - 125
			Dissolved Selenium (Se)	2008/11/26		111	%	75 - 125
			Dissolved Silver (Ag)	2008/11/26		106	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/26		112	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/26		117	%	75 - 125
			Dissolved Vanadium (V)	2008/11/26		117	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/26		109	%	75 - 125
		Spiked Blank	Dissolved Aluminum (Al)	2008/11/26		100	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/26		109	%	75 - 125
			Dissolved Arsenic (As)	2008/11/26		102	%	75 - 125

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8288

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1683871	MBU	Spiked Blank	Dissolved Beryllium (Be)	2008/11/26		83	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/26		101	%	75 - 125
			Dissolved Boron (B)	2008/11/26		83	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/26		115	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/26		108	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/26		106	%	75 - 125
			Dissolved Copper (Cu)	2008/11/26		103	%	75 - 125
			Dissolved Iron (Fe)	2008/11/26		104	%	75 - 125
			Dissolved Lithium (Li)	2008/11/26		97	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/26		102	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/26		110	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/26		106	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/26		77	%	75 - 125
			Dissolved Selenium (Se)	2008/11/26		110	%	75 - 125
			Dissolved Silver (Ag)	2008/11/26		105	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/26		108	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/26		110	%	75 - 125
			Dissolved Tin (Sn)	2008/11/26		111	%	75 - 125
			Dissolved Titanium (Ti)	2008/11/26		98	%	75 - 125
			Dissolved Uranium (U)	2008/11/26		108	%	75 - 125
			Dissolved Vanadium (V)	2008/11/26		108	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/26		104	%	75 - 125
		Method Blank	Dissolved Aluminum (Al)	2008/11/26	ND, RDL=5.0		ug/L	
			Dissolved Antimony (Sb)	2008/11/26	ND, RDL=0.40		ug/L	
			Dissolved Arsenic (As)	2008/11/26	ND, RDL=0.60		ug/L	
			Dissolved Barium (Ba)	2008/11/26	ND, RDL=0.40		ug/L	
			Dissolved Beryllium (Be)	2008/11/26	ND, RDL=0.50		ug/L	
			Dissolved Bismuth (Bi)	2008/11/26	ND, RDL=2.0		ug/L	
			Dissolved Boron (B)	2008/11/26	ND, RDL=100		ug/L	
			Dissolved Cadmium (Cd)	2008/11/26	ND, RDL=0.017		ug/L	
			Dissolved Chromium (Cr)	2008/11/26	ND, RDL=1.0		ug/L	
			Dissolved Cobalt (Co)	2008/11/26	ND, RDL=1.0		ug/L	
			Dissolved Copper (Cu)	2008/11/26	ND, RDL=2.0		ug/L	
			Dissolved Iron (Fe)	2008/11/26	ND, RDL=100		ug/L	
			Dissolved Lead (Pb)	2008/11/26	ND, RDL=1.0		ug/L	
			Dissolved Lithium (Li)	2008/11/26	ND, RDL=1.0		ug/L	
			Dissolved Manganese (Mn)	2008/11/26	ND, RDL=4.0		ug/L	
			Dissolved Molybdenum (Mo)	2008/11/26	ND, RDL=4.0		ug/L	
			Dissolved Nickel (Ni)	2008/11/26	ND, RDL=3.0		ug/L	
			Dissolved Phosphorus (P)	2008/11/26	ND, RDL=100		ug/L	
			Dissolved Selenium (Se)	2008/11/26	ND, RDL=1.0		ug/L	
			Dissolved Silver (Ag)	2008/11/26	ND, RDL=0.10		ug/L	
			Dissolved Strontium (Sr)	2008/11/26	ND, RDL=2.0		ug/L	
			Dissolved Thallium (Tl)	2008/11/26	ND, RDL=0.80		ug/L	
			Dissolved Tin (Sn)	2008/11/26	ND, RDL=20		ug/L	
			Dissolved Titanium (Ti)	2008/11/26	ND, RDL=3.0		ug/L	
			Dissolved Uranium (U)	2008/11/26	ND, RDL=0.15		ug/L	
			Dissolved Vanadium (V)	2008/11/26	ND, RDL=2.0		ug/L	
			Dissolved Zinc (Zn)	2008/11/26	ND, RDL=5.0		ug/L	
		RPD	Dissolved Aluminum (Al)	2008/11/26	10		%	25
			Dissolved Antimony (Sb)	2008/11/26	NC		%	25
			Dissolved Arsenic (As)	2008/11/26	NC		%	25
			Dissolved Barium (Ba)	2008/11/26	0.2		%	25
			Dissolved Beryllium (Be)	2008/11/26	NC		%	25
			Dissolved Bismuth (Bi)	2008/11/26	NC		%	25

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Maxxam Analytics International Corporation o/a Maxxam Analytics 90 Esplanade St, Sydney, Nova Scotia Canada B1P 1A1 Tel: 902 567 1255 Toll Free: 888 535 7770 Fax: 902 5396504 www.maxxamanalytics.com

SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8288

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1683871	MBU	RPD	Dissolved Boron (B)	2008/11/26	NC		%	25
			Dissolved Cadmium (Cd)	2008/11/26	NC		%	25
			Dissolved Chromium (Cr)	2008/11/26	NC		%	25
			Dissolved Cobalt (Co)	2008/11/26	NC		%	25
			Dissolved Copper (Cu)	2008/11/26	NC		%	25
			Dissolved Iron (Fe)	2008/11/26	NC		%	25
			Dissolved Lead (Pb)	2008/11/26	NC		%	25
			Dissolved Lithium (Li)	2008/11/26	2.3		%	25
			Dissolved Manganese (Mn)	2008/11/26	0.6		%	25
			Dissolved Molybdenum (Mo)	2008/11/26	NC		%	25
			Dissolved Nickel (Ni)	2008/11/26	NC		%	25
			Dissolved Phosphorus (P)	2008/11/26	NC		%	25
			Dissolved Selenium (Se)	2008/11/26	NC		%	25
			Dissolved Silver (Ag)	2008/11/26	NC		%	25
			Dissolved Strontium (Sr)	2008/11/26	0.4		%	25
			Dissolved Thallium (Tl)	2008/11/26	NC		%	25
			Dissolved Tin (Sn)	2008/11/26	NC		%	25
			Dissolved Titanium (Ti)	2008/11/26	NC		%	25
			Dissolved Uranium (U)	2008/11/26	NC		%	25
			Dissolved Vanadium (V)	2008/11/26	NC		%	25
			Dissolved Zinc (Zn)	2008/11/26	NC		%	25
1684083	TML	MATRIX SPIKE						
		[BC9861-01]	D10-Anthracene	2008/11/30		102	%	30 - 130
			D14-Terphenyl	2008/11/30		102	%	30 - 130
			D8-Acenaphthylene	2008/11/30		90	%	30 - 130
			1-Methylnaphthalene	2008/11/30		91	%	50 - 130
			2-Methylnaphthalene	2008/11/30		84	%	50 - 130
			Acenaphthene	2008/11/30		89	%	50 - 130
			Acenaphthylene	2008/11/30		87	%	50 - 130
			Anthracene	2008/11/30		84	%	50 - 130
			Benzo(a)anthracene	2008/11/30		85	%	50 - 130
			Benzo(a)pyrene	2008/11/30		81	%	50 - 130
			Benzo(b)fluoranthene	2008/11/30		97	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/30		90	%	50 - 130
			Benzo(k)fluoranthene	2008/11/30		94	%	50 - 130
			Chrysene	2008/11/30		99	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/30		92	%	50 - 130
			Fluoranthene	2008/11/30		99	%	50 - 130
			Fluorene	2008/11/30		92	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/30		74	%	50 - 130
			Naphthalene	2008/11/30		83	%	50 - 130
			Perylene	2008/11/30		87	%	50 - 130
			Phenanthrene	2008/11/30		86	%	50 - 130
			Pyrene	2008/11/30		94	%	50 - 130
		Spiked Blank	D10-Anthracene	2008/11/30		90	%	30 - 130
			D14-Terphenyl	2008/11/30		111	%	30 - 130
			D8-Acenaphthylene	2008/11/30		91	%	30 - 130
			1-Methylnaphthalene	2008/11/30		89	%	50 - 130
			2-Methylnaphthalene	2008/11/30		86	%	50 - 130
			Acenaphthene	2008/11/30		87	%	50 - 130
			Acenaphthylene	2008/11/30		90	%	50 - 130
			Anthracene	2008/11/30		85	%	50 - 130
			Benzo(a)anthracene	2008/11/30		97	%	50 - 130
			Benzo(a)pyrene	2008/11/30		85	%	50 - 130
			Benzo(b)fluoranthene	2008/11/30		83	%	50 - 130

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Attention: Craig Chandler
Client Project #: 210.05479.00
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Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8288

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1684083	TML	Spiked Blank	Benzo(g,h,i)perylene	2008/11/30		99	%	50 - 130
			Benzo(k)fluoranthene	2008/11/30		92	%	50 - 130
			Chrysene	2008/11/30		96	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/30		95	%	50 - 130
			Fluoranthene	2008/11/30		106	%	50 - 130
			Fluorene	2008/11/30		87	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/30		87	%	50 - 130
			Naphthalene	2008/11/30		85	%	50 - 130
			Perylene	2008/11/30		93	%	50 - 130
			Phenanthrene	2008/11/30		85	%	50 - 130
			Pyrene	2008/11/30		103	%	50 - 130
		Method Blank	D10-Anthracene	2008/11/30		106	%	30 - 130
			D14-Terphenyl	2008/11/30		97	%	30 - 130
			D8-Acenaphthylene	2008/11/30		92	%	30 - 130
			1-Methylnaphthalene	2008/11/30	ND, RDL=0.05		ug/L	
			2-Methylnaphthalene	2008/11/30	ND, RDL=0.05		ug/L	
			Acenaphthene	2008/11/30	ND, RDL=0.01		ug/L	
			Acenaphthylene	2008/11/30	ND, RDL=0.01		ug/L	
			Anthracene	2008/11/30	ND, RDL=0.01		ug/L	
			Benzo(a)anthracene	2008/11/30	ND, RDL=0.01		ug/L	
			Benzo(a)pyrene	2008/11/30	ND, RDL=0.01		ug/L	
			Benzo(b)fluoranthene	2008/11/30	ND, RDL=0.01		ug/L	
			Benzo(g,h,i)perylene	2008/11/30	ND, RDL=0.01		ug/L	
			Benzo(k)fluoranthene	2008/11/30	ND, RDL=0.01		ug/L	
			Chrysene	2008/11/30	ND, RDL=0.01		ug/L	
			Dibenz(a,h)anthracene	2008/11/30	ND, RDL=0.01		ug/L	
			Fluoranthene	2008/11/30	ND, RDL=0.01		ug/L	
			Fluorene	2008/11/30	ND, RDL=0.01		ug/L	
			Indeno(1,2,3-cd)pyrene	2008/11/30	ND, RDL=0.01		ug/L	
			Naphthalene	2008/11/30	ND, RDL=0.2		ug/L	
			Perylene	2008/11/30	ND, RDL=0.01		ug/L	
			Phenanthrene	2008/11/30	ND, RDL=0.01		ug/L	
			Pyrene	2008/11/30	ND, RDL=0.01		ug/L	
		RPD [BC9850-01]	1-Methylnaphthalene	2008/11/30	NC		%	40
			2-Methylnaphthalene	2008/11/30	NC		%	40
			Acenaphthene	2008/11/30	NC		%	40
			Acenaphthylene	2008/11/30	NC		%	40
			Anthracene	2008/11/30	NC		%	40
			Benzo(a)anthracene	2008/11/30	NC		%	40
			Benzo(a)pyrene	2008/11/30	NC		%	40
			Benzo(b)fluoranthene	2008/11/30	NC		%	40
			Benzo(g,h,i)perylene	2008/11/30	NC		%	40
			Benzo(k)fluoranthene	2008/11/30	NC		%	40
			Chrysene	2008/11/30	NC		%	40
			Dibenz(a,h)anthracene	2008/11/30	NC		%	40
			Fluoranthene	2008/11/30	NC		%	40
			Fluorene	2008/11/30	NC		%	40
			Indeno(1,2,3-cd)pyrene	2008/11/30	NC		%	40
			Naphthalene	2008/11/30	NC		%	40
			Perylene	2008/11/30	NC		%	40
			Phenanthrene	2008/11/30	NC		%	40
			Pyrene	2008/11/30	NC		%	40
1684712	JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/11/27		NC********	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/27		NC********	%	70 - 130
			Dissolved Potassium (K)	2008/11/27		99	%	70 - 130

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8288

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1684712	JHO	MATRIX SPIKE	Dissolved Sodium (Na)	2008/11/27		NC********	%	70 - 130
			Dissolved Sulphur (S)	2008/11/27		NC********	%	70 - 130
		Spiked Blank	Dissolved Calcium (Ca)	2008/11/27		108	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/27		103	%	70 - 130
			Dissolved Potassium (K)	2008/11/27		102	%	70 - 130
			Dissolved Sodium (Na)	2008/11/27		103	%	70 - 130
			Dissolved Sulphur (S)	2008/11/27		90	%	70 - 130
		Method Blank	Dissolved Calcium (Ca)	2008/11/27	ND, RDL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2008/11/27	ND, RDL=0.1		mg/L	
			Dissolved Potassium (K)	2008/11/27	ND, RDL=0.1		mg/L	
			Dissolved Sodium (Na)	2008/11/27	ND, RDL=0.1		mg/L	
			Dissolved Sulphur (S)	2008/11/27	ND, RDL=0.5		mg/L	
		RPD	Dissolved Calcium (Ca)	2008/11/28	7.1		%	30
			Dissolved Magnesium (Mg)	2008/11/28	23.6		%	30
			Dissolved Potassium (K)	2008/11/28	27.0		%	30
			Dissolved Sodium (Na)	2008/11/28	26.9		%	30
			Dissolved Sulphur (S)	2008/11/28	6.2		%	N/A
1684717	JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/11/28		NC	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/28		NC	%	70 - 130
			Dissolved Potassium (K)	2008/11/28		NC	%	70 - 130
			Dissolved Sodium (Na)	2008/11/28		NC	%	70 - 130
			Dissolved Sulphur (S)	2008/11/28		NC	%	70 - 130
		Spiked Blank	Dissolved Calcium (Ca)	2008/11/28		111	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/28		98	%	70 - 130
			Dissolved Potassium (K)	2008/11/28		102	%	70 - 130
			Dissolved Sodium (Na)	2008/11/28		110	%	70 - 130
			Dissolved Sulphur (S)	2008/11/28		91	%	70 - 130
		Method Blank	Dissolved Calcium (Ca)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Potassium (K)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Sodium (Na)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Sulphur (S)	2008/11/28	ND, RDL=0.5		mg/L	
		RPD	Dissolved Calcium (Ca)	2008/11/28	1.2		%	30
			Dissolved Magnesium (Mg)	2008/11/28	3.0		%	30
			Dissolved Potassium (K)	2008/11/28	9.4		%	30
			Dissolved Sodium (Na)	2008/11/28	2.0		%	30
			Dissolved Sulphur (S)	2008/11/28	1.8		%	N/A
1684805	GTH	MATRIX SPIKE						
		[BC9861-01]	Isobutylbenzene - Volatile	2008/11/27		99	%	70 - 130
			Benzene	2008/11/27		100	%	70 - 130
			Toluene	2008/11/27		100	%	70 - 130
			Ethylbenzene	2008/11/27		100	%	70 - 130
			Xylene (Total)	2008/11/27		103	%	70 - 130
		Spiked Blank	Isobutylbenzene - Volatile	2008/11/27		93	%	70 - 130
			Benzene	2008/11/27		92	%	70 - 130
			Toluene	2008/11/27		95	%	70 - 130
			Ethylbenzene	2008/11/27		98	%	70 - 130
			Xylene (Total)	2008/11/27		100	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2008/11/27		96	%	70 - 130
			Benzene	2008/11/27	ND, RDL=0.001		mg/L	
			Toluene	2008/11/27	ND, RDL=0.001		mg/L	
			Ethylbenzene	2008/11/27	ND, RDL=0.001		mg/L	
			Xylene (Total)	2008/11/27	ND, RDL=0.002		mg/L	
			C6 - C10 (less BTEX)	2008/11/27	ND, RDL=0.01		mg/L	
		RPD [BC9850-01]	Benzene	2008/11/27	NC		%	40

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8288

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1684805	GTH	RPD [BC9850-01]	Toluene	2008/11/27	NC		%	40
			Ethylbenzene	2008/11/27	NC		%	40
			Xylene (Total)	2008/11/27	NC		%	40
			C6 - C10 (less BTEX)	2008/11/27	NC		%	40
1685299	JLY	MATRIX SPIKE						
		[BC9864-01]	Isobutylbenzene - Extractable	2008/11/27		82	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/27		108	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/27		91	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/27		85	%	50 - 120
		Spiked Blank	Isobutylbenzene - Extractable	2008/11/27		81	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/27		101	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/27		88	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/27		81	%	50 - 120
		Method Blank	Isobutylbenzene - Extractable	2008/11/27		98	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/27		96	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/27	ND, RDL=0.16		mg/L	
			>C21-<C32 Hydrocarbons	2008/11/27	ND, RDL=0.51		mg/L	
		RPD [BC9850-01]	>C10-C21 Hydrocarbons	2008/11/27	NC		%	40
			>C21-<C32 Hydrocarbons	2008/11/27	NC		%	40

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample
(1) Matrix Spike:<10% of compounds in multi-component analysis in violation.

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Validation Signature Page

Maxxam Job #: A8D8288

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

JAMES MACDONALD, Organics Manager

MICHELLE MOMBOURQUETTE, Laboratory Manager

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

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Your Project #: 210.05479.00
Site: SYSCO - SYDNEY
Your C.O.C. #: S 12765

Attention: Craig Chandler
SLR Consulting (Canada) Ltd
45 Wabina Crt., Suite 107B
PO Box 791, Station A
Sydney, NS
B1P 6K5

Report Date: 2008/11/28

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8D8638
Received: 2008/11/21, 12:07

Sample Matrix: Water
Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Water (PIRI)	5	2008/11/24	2008/11/25	ATL SOP-00151 R4	Based on ATL PIRI
Mercury - Total (CVAA,LL)	5	N/A	2008/11/24	ATL SOP-00160 R4	Based on EPA245.1
Dis.metals in water ICP-OES	5	N/A	2008/11/28	ATL SOP 00175	Based on EPA200.7
Elements by ICPMS - low dissolved	5	N/A	2008/11/25	ATL SOP 00161 R3	Based on EPA6020A
PAH in Water by GC/MS (SIM)	5	2008/11/24	2008/11/28	ATL SOP 00147 R3	Based on EPA 8270C
VPH in Water (PIRI) (1)	5	2008/11/26	2008/11/26	ATL SOP 00118 R3	Based on Atl. PIRI
ModTPH (T1) Calc. for Water	5	N/A	2008/11/27	ATL SOP-00151 R4	Based on Atl PIRI
Volatile Organic Compounds in Water (1)	3	2008/11/27	2008/11/27	ATL SOP 00122 R2	Based on EPA624

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bedford

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TANYA ADDICOTT, Client Services Representative
Email: tanya.addicott.reports@maxxamanalytics.com
Phone# (902) 567 1255

==========

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For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

ATLANTIC VOC IN WATER (WATER)

Maxxam ID		BD1634	BD1639	BD1640		
Sampling Date		2008/11/21	2008/11/21	2008/11/21		
COC Number		S 12765	S 12765	S 12765		
	Units	**SCU12-001-MW**	**FIELD BLANK**	**TRIP BLANK**	**RDL**	**QC Batch**
Chlorobenzenes						
1,2-Dichlorobenzene	ug/L	ND	ND	ND	0.5	1682159
1,3-Dichlorobenzene	ug/L	ND	ND	ND	1	1682159
1,4-Dichlorobenzene	ug/L	ND	ND	ND	1	1682159
Chlorobenzene	ug/L	ND	ND	ND	1	1682159
Volatile Organics						
1,1,1-Trichloroethane	ug/L	ND	ND	ND	1	1682159
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	1	1682159
1,1,2-Trichloroethane	ug/L	ND	ND	ND	1	1682159
1,1-Dichloroethane	ug/L	ND	ND	ND	2	1682159
1,1-Dichloroethylene	ug/L	ND	ND	ND	2	1682159
1,2-Dichloroethane	ug/L	ND	ND	ND	1	1682159
1,2-Dichloropropane	ug/L	ND	ND	ND	1	1682159
Benzene	ug/L	ND	ND	ND	1	1682159
Bromodichloromethane	ug/L	ND	ND	ND	1	1682159
Bromoform	ug/L	ND	ND	ND	1	1682159
Bromomethane	ug/L	ND	ND	ND	8	1682159
Carbon Tetrachloride	ug/L	ND	ND	ND	1	1682159
Chloroethane	ug/L	ND	ND	ND	8	1682159
Chloroform	ug/L	ND	ND	ND	1	1682159
Chloromethane	ug/L	ND	ND	ND	8	1682159
cis-1,2-Dichloroethylene	ug/L	ND	ND	ND	2	1682159
cis-1,3-Dichloropropene	ug/L	ND	ND	ND	2	1682159
Dibromochloromethane	ug/L	ND	ND	ND	1	1682159
Ethylbenzene	ug/L	ND	ND	ND	1	1682159
Ethylene Dibromide	ug/L	ND	ND	ND	1	1682159
Methylene Chloride(Dichloromethane)	ug/L	ND	ND	ND	3	1682159
o-Xylene	ug/L	ND	ND	ND	1	1682159
p+m-Xylene	ug/L	ND	ND	ND	2	1682159
Styrene	ug/L	ND	ND	ND	1	1682159
Tetrachloroethylene	ug/L	ND	ND	ND	1	1682159
Toluene	ug/L	ND	ND	ND	1	1682159

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

ATLANTIC VOC IN WATER (WATER)

Maxxam ID		BD1634	BD1639	BD1640		
Sampling Date		2008/11/21	2008/11/21	2008/11/21		
COC Number		S 12765	S 12765	S 12765		
	Units	**SCU12-001-MW**	**FIELD BLANK**	**TRIP BLANK**	**RDL**	**QC Batch**
trans-1,2-Dichloroethylene	ug/L	ND	ND	ND	2	1682159
trans-1,3-Dichloropropene	ug/L	ND	ND	ND	1	1682159
Trichloroethylene	ug/L	ND	ND	ND	1	1682159
Trichlorofluoromethane (FREON 11)	ug/L	ND	ND	ND	8	1682159
Vinyl Chloride	ug/L	ND	ND	ND	1	1682159
Surrogate Recovery (%)						
4-Bromofluorobenzene	%	100	101	100		1682159
D4-1,2-Dichloroethane	%	102	103	103		1682159
D8-Toluene	%	101	101	99		1682159

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BD1634		BD1637		
Sampling Date		2008/11/21		2008/11/21		
COC Number		S 12765		S 12765		
	Units	**SCU12-001-MW**	**RDL**	**SCU15-002-MWA**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	530	2	150	0.5	1684717
Dissolved Magnesium (Mg)	mg/L	13	0.1	14	0.1	1684717
Dissolved Potassium (K)	mg/L	4.5	0.1	10	0.1	1684717
Dissolved Sodium (Na)	mg/L	89	0.1	46	0.1	1684717
Dissolved Sulphur (S)	mg/L	620	10	130	3	1684717
Dissolved Aluminum (Al)	ug/L	ND	5.0	17	5.0	1682638
Dissolved Antimony (Sb)	ug/L	0.49	0.40	ND	0.40	1682638
Dissolved Arsenic (As)	ug/L	5.0	0.60	0.70	0.60	1682638
Dissolved Barium (Ba)	ug/L	23	0.40	92	0.40	1682638
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1682638
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1682638
Dissolved Boron (B)	ug/L	370	100	ND	100	1682638
Dissolved Cadmium (Cd)	ug/L	ND	0.017	0.11	0.017	1682638
Dissolved Chromium (Cr)	ug/L	ND	1.0	ND	1.0	1682638
Dissolved Cobalt (Co)	ug/L	ND	1.0	1.0	1.0	1682638
Dissolved Copper (Cu)	ug/L	ND	2.0	10	2.0	1682638
Dissolved Iron (Fe)	ug/L	ND	100	1900	100	1682638
Dissolved Lead (Pb)	ug/L	ND	1.0	1.8	1.0	1682638
Dissolved Lithium (Li)	ug/L	38	1.0	1.6	1.0	1682638
Dissolved Manganese (Mn)	ug/L	14	4.0	1900	4.0	1682638
Dissolved Molybdenum (Mo)	ug/L	5.7	4.0	ND	4.0	1682638
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1682638
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1682638
Dissolved Selenium (Se)	ug/L	ND	1.0	ND	1.0	1682638
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1682638
Dissolved Strontium (Sr)	ug/L	4100	2.0	520	2.0	1682638
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1682638
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1682638
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1682638
Dissolved Uranium (U)	ug/L	6.9	0.15	0.20	0.15	1682638
Dissolved Vanadium (V)	ug/L	44	2.0	ND	2.0	1682638
Dissolved Zinc (Zn)	ug/L	ND	5.0	11	5.0	1682638

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BD1638		BD1639	BD1640		
Sampling Date		2008/11/21		2008/11/21	2008/11/21		
COC Number		S 12765		S 12765	S 12765		
	Units	**SCU15-002-MWB**	**RDL**	**FIELD BLANK**	**TRIP BLANK**	**RDL**	**QC Batch**
Metals							
Dissolved Calcium (Ca)	mg/L	53	0.1	ND	ND	0.1	1684717
Dissolved Magnesium (Mg)	mg/L	6.9	0.1	ND	ND	0.1	1684717
Dissolved Potassium (K)	mg/L	4.2	0.1	ND	ND	0.1	1684717
Dissolved Sodium (Na)	mg/L	250	1	ND	ND	0.1	1684717
Dissolved Sulphur (S)	mg/L	150	5	ND	ND	0.5	1684717
Dissolved Aluminum (Al)	ug/L	ND	5.0	ND	ND	5.0	1682638
Dissolved Antimony (Sb)	ug/L	ND	0.40	ND	ND	0.40	1682638
Dissolved Arsenic (As)	ug/L	27	0.60	ND	ND	0.60	1682638
Dissolved Barium (Ba)	ug/L	13	0.40	ND	ND	0.40	1682638
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	ND	0.50	1682638
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	ND	2.0	1682638
Dissolved Boron (B)	ug/L	380	100	ND	ND	100	1682638
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	ND	0.017	1682638
Dissolved Chromium (Cr)	ug/L	ND	1.0	ND	ND	1.0	1682638
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	ND	1.0	1682638
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	ND	2.0	1682638
Dissolved Iron (Fe)	ug/L	ND	100	ND	ND	100	1682638
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	ND	1.0	1682638
Dissolved Lithium (Li)	ug/L	34	1.0	ND	ND	1.0	1682638
Dissolved Manganese (Mn)	ug/L	43	4.0	ND	ND	4.0	1682638
Dissolved Molybdenum (Mo)	ug/L	34	4.0	ND	ND	4.0	1682638
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	ND	3.0	1682638
Dissolved Phosphorus (P)	ug/L	ND	100	ND	ND	100	1682638
Dissolved Selenium (Se)	ug/L	ND	1.0	ND	ND	1.0	1682638
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	ND	0.10	1682638
Dissolved Strontium (Sr)	ug/L	2200	2.0	ND	ND	2.0	1682638
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	ND	0.80	1682638
Dissolved Tin (Sn)	ug/L	ND	20	ND	ND	20	1682638
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	ND	3.0	1682638
Dissolved Uranium (U)	ug/L	0.18	0.15	ND	ND	0.15	1682638
Dissolved Vanadium (V)	ug/L	ND	2.0	ND	ND	2.0	1682638

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BD1638		BD1639	BD1640		
Sampling Date		2008/11/21		2008/11/21	2008/11/21		
COC Number		S 12765		S 12765	S 12765		
	Units	**SCU15-002-MWB**	**RDL**	**FIELD BLANK**	**TRIP BLANK**	**RDL**	**QC Batch**
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	ND	5.0	1682638

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BD1634	BD1637	BD1638		
Sampling Date		2008/11/21	2008/11/21	2008/11/21		
COC Number		S 12765	S 12765	S 12765		
	Units	**SCU12-001-MW**	**SCU15-002-MWA**	**SCU15-002-MWB**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	ND	ND	ND	0.001	1683338
Toluene	mg/L	ND	ND	ND	0.001	1683338
Ethylbenzene	mg/L	ND	ND	ND	0.001	1683338
Xylene (Total)	mg/L	ND	ND	ND	0.002	1683338
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	0.01	1683338
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	0.2	1681499
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	0.5	1681499
Modified TPH (Tier1)	mg/L	ND	ND	ND	0.5	1679806
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	89	90	93		1681499
n-Dotriacontane - Extractable	%	86	88	92		1681499
Isobutylbenzene - Volatile	%	97	98	101		1683338

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BD1639	BD1640		
Sampling Date		2008/11/21	2008/11/21		
COC Number		S 12765	S 12765		
	Units	**FIELD BLANK**	**TRIP BLANK**	**RDL**	**QC Batch**
Petroleum Hydrocarbons					
Benzene	mg/L	ND	ND	0.001	1683338
Toluene	mg/L	ND	ND	0.001	1683338
Ethylbenzene	mg/L	ND	ND	0.001	1683338
Xylene (Total)	mg/L	ND	ND	0.002	1683338
C6 - C10 (less BTEX)	mg/L	ND	ND	0.01	1683338
>C10-C21 Hydrocarbons	mg/L	ND	ND	0.2	1681499
>C21-<C32 Hydrocarbons	mg/L	ND	ND	0.5	1681499
Modified TPH (Tier1)	mg/L	ND	ND	0.5	1679806
Surrogate Recovery (%)					
Isobutylbenzene - Extractable	%	93	93		1681499
n-Dotriacontane - Extractable	%	94	91		1681499
Isobutylbenzene - Volatile	%	101	100		1683338

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

MERCURY BY COLD VAPOUR AA (WATER)

Maxxam ID		BD1634	BD1637	BD1638	BD1639		
Sampling Date		2008/11/21	2008/11/21	2008/11/21	2008/11/21		
COC Number		S 12765	S 12765	S 12765	S 12765		
	Units	**SCU12-001-MW**	**SCU15-002-MWA**	**SCU15-002-MWB**	**FIELD BLANK**	**RDL**	**QC Batch**
Metals							
Total Mercury (Hg)	ug/L	ND	0.01	ND	ND	0.01	1681597

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam ID		BD1640		
Sampling Date		2008/11/21		
COC Number		S 12765		
	Units	**TRIP BLANK**	**RDL**	**QC Batch**
Metals				
Total Mercury (Hg)	ug/L	ND	0.01	1681597

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BD1634	BD1637	BD1638		
Sampling Date		2008/11/21	2008/11/21	2008/11/21		
COC Number		S 12765	S 12765	S 12765		
	Units	**SCU12-001-MW**	**SCU15-002-MWA**	**SCU15-002-MWB**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	ND	ND	ND	0.05	1681411
2-Methylnaphthalene	ug/L	ND	ND	ND	0.05	1681411
Acenaphthene	ug/L	ND	ND	ND	0.01	1681411
Acenaphthylene	ug/L	ND	ND	ND	0.01	1681411
Anthracene	ug/L	ND	ND	ND	0.01	1681411
Benzo(a)anthracene	ug/L	ND	ND	ND	0.01	1681411
Benzo(a)pyrene	ug/L	ND	ND	ND	0.01	1681411
Benzo(b)fluoranthene	ug/L	ND	ND	ND	0.01	1681411
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.01	1681411
Benzo(k)fluoranthene	ug/L	ND	ND	ND	0.01	1681411
Chrysene	ug/L	ND	ND	ND	0.01	1681411
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1681411
Fluoranthene	ug/L	ND	ND	ND	0.01	1681411
Fluorene	ug/L	ND	ND	ND	0.01	1681411
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	ND	0.01	1681411
Naphthalene	ug/L	ND	ND	ND	0.2	1681411
Perylene	ug/L	ND	ND	ND	0.01	1681411
Phenanthrene	ug/L	ND	ND	ND	0.01	1681411
Pyrene	ug/L	ND	ND	ND	0.01	1681411
Surrogate Recovery (%)						
D10-Anthracene	%	114	97	114		1681411
D14-Terphenyl	%	106	95	94		1681411
D8-Acenaphthylene	%	96	94	92		1681411

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
Report Date: 2008/11/28

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BD1639	BD1640		
Sampling Date		2008/11/21	2008/11/21		
COC Number		S 12765	S 12765		
	Units	**FIELD BLANK**	**TRIP BLANK**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons					
1-Methylnaphthalene	ug/L	ND	ND	0.05	1681411
2-Methylnaphthalene	ug/L	ND	ND	0.05	1681411
Acenaphthene	ug/L	ND	ND	0.01	1681411
Acenaphthylene	ug/L	ND	ND	0.01	1681411
Anthracene	ug/L	ND	ND	0.01	1681411
Benzo(a)anthracene	ug/L	ND	ND	0.01	1681411
Benzo(a)pyrene	ug/L	ND	ND	0.01	1681411
Benzo(b)fluoranthene	ug/L	ND	ND	0.01	1681411
Benzo(g,h,i)perylene	ug/L	ND	ND	0.01	1681411
Benzo(k)fluoranthene	ug/L	ND	ND	0.01	1681411
Chrysene	ug/L	ND	ND	0.01	1681411
Dibenz(a,h)anthracene	ug/L	ND	ND	0.01	1681411
Fluoranthene	ug/L	ND	ND	0.01	1681411
Fluorene	ug/L	ND	ND	0.01	1681411
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.01	1681411
Naphthalene	ug/L	ND	ND	0.2	1681411
Perylene	ug/L	ND	ND	0.01	1681411
Phenanthrene	ug/L	ND	ND	0.01	1681411
Pyrene	ug/L	ND	ND	0.01	1681411
Surrogate Recovery (%)					
D10-Anthracene	%	117	105		1681411
D14-Terphenyl	%	114	106		1681411
D8-Acenaphthylene	%	102	95		1681411

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8D8638
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SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
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GENERAL COMMENTS

Results relate only to the items tested.

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681411	TML	MATRIX SPIKE	D10-Anthracene	2008/11/28		101	%	30 - 130
			D14-Terphenyl	2008/11/28		100	%	30 - 130
			D8-Acenaphthylene	2008/11/28		95	%	30 - 130
			1-Methylnaphthalene	2008/11/28		94	%	50 - 130
			2-Methylnaphthalene	2008/11/28		83	%	50 - 130
			Acenaphthene	2008/11/28		88	%	50 - 130
			Acenaphthylene	2008/11/28		89	%	50 - 130
			Anthracene	2008/11/28		83	%	50 - 130
			Benzo(a)anthracene	2008/11/28		86	%	50 - 130
			Benzo(a)pyrene	2008/11/28		78	%	50 - 130
			Benzo(b)fluoranthene	2008/11/28		104	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/28		80	%	50 - 130
			Benzo(k)fluoranthene	2008/11/28		93	%	50 - 130
			Chrysene	2008/11/28		94	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/28		75	%	50 - 130
			Fluoranthene	2008/11/28		89	%	50 - 130
			Fluorene	2008/11/28		91	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/28		69	%	50 - 130
			Naphthalene	2008/11/28		82	%	50 - 130
			Perylene	2008/11/28		81	%	50 - 130
			Phenanthrene	2008/11/28		84	%	50 - 130
			Pyrene	2008/11/28		88	%	50 - 130
		Spiked Blank	D10-Anthracene	2008/11/28		107	%	30 - 130
			D14-Terphenyl	2008/11/28		105	%	30 - 130
			D8-Acenaphthylene	2008/11/28		98	%	30 - 130
			1-Methylnaphthalene	2008/11/28		96	%	50 - 130
			2-Methylnaphthalene	2008/11/28		89	%	50 - 130
			Acenaphthene	2008/11/28		93	%	50 - 130
			Acenaphthylene	2008/11/28		89	%	50 - 130
			Anthracene	2008/11/28		86	%	50 - 130
			Benzo(a)anthracene	2008/11/28		91	%	50 - 130
			Benzo(a)pyrene	2008/11/28		87	%	50 - 130
			Benzo(b)fluoranthene	2008/11/28		112	%	50 - 130
			Benzo(g,h,i)perylene	2008/11/28		90	%	50 - 130
			Benzo(k)fluoranthene	2008/11/28		105	%	50 - 130
			Chrysene	2008/11/28		99	%	50 - 130
			Dibenz(a,h)anthracene	2008/11/28		81	%	50 - 130
			Fluoranthene	2008/11/28		90	%	50 - 130
			Fluorene	2008/11/28		95	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/11/28		80	%	50 - 130
			Naphthalene	2008/11/28		84	%	50 - 130
			Perylene	2008/11/28		96	%	50 - 130
			Phenanthrene	2008/11/28		85	%	50 - 130
			Pyrene	2008/11/28		93	%	50 - 130
		Method Blank	D10-Anthracene	2008/11/28		101	%	30 - 130
			D14-Terphenyl	2008/11/28		91	%	30 - 130
			D8-Acenaphthylene	2008/11/28		92	%	30 - 130
			1-Methylnaphthalene	2008/11/28	ND, RDL=0.05		ug/L	
			2-Methylnaphthalene	2008/11/28	ND, RDL=0.05		ug/L	
			Acenaphthene	2008/11/28	ND, RDL=0.01		ug/L	
			Acenaphthylene	2008/11/28	ND, RDL=0.01		ug/L	
			Anthracene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(a)anthracene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(a)pyrene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(b)fluoranthene	2008/11/28	ND, RDL=0.01		ug/L	

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1681411	TML	Method Blank	Benzo(g,h,i)perylene	2008/11/28	ND, RDL=0.01		ug/L	
			Benzo(k)fluoranthene	2008/11/28	ND, RDL=0.01		ug/L	
			Chrysene	2008/11/28	ND, RDL=0.01		ug/L	
			Dibenz(a,h)anthracene	2008/11/28	ND, RDL=0.01		ug/L	
			Fluoranthene	2008/11/28	ND, RDL=0.01		ug/L	
			Fluorene	2008/11/28	ND, RDL=0.01		ug/L	
			Indeno(1,2,3-cd)pyrene	2008/11/28	ND, RDL=0.01		ug/L	
			Naphthalene	2008/11/28	ND, RDL=0.2		ug/L	
			Perylene	2008/11/28	ND, RDL=0.01		ug/L	
			Phenanthrene	2008/11/28	ND, RDL=0.01		ug/L	
			Pyrene	2008/11/28	ND, RDL=0.01		ug/L	
		RPD	1-Methylnaphthalene	2008/11/28	NC		%	40
			2-Methylnaphthalene	2008/11/28	NC		%	40
			Acenaphthene	2008/11/28	NC		%	40
			Acenaphthylene	2008/11/28	NC		%	40
			Anthracene	2008/11/28	NC		%	40
			Benzo(a)anthracene	2008/11/28	NC		%	40
			Benzo(a)pyrene	2008/11/28	NC		%	40
			Benzo(b)fluoranthene	2008/11/28	NC		%	40
			Benzo(g,h,i)perylene	2008/11/28	NC		%	40
			Benzo(k)fluoranthene	2008/11/28	NC		%	40
			Chrysene	2008/11/28	NC		%	40
			Dibenz(a,h)anthracene	2008/11/28	NC		%	40
			Fluoranthene	2008/11/28	NC		%	40
			Fluorene	2008/11/28	NC		%	40
			Indeno(1,2,3-cd)pyrene	2008/11/28	NC		%	40
			Naphthalene	2008/11/28	NC		%	40
			Perylene	2008/11/28	NC		%	40
			Phenanthrene	2008/11/28	NC		%	40
			Pyrene	2008/11/28	NC		%	40
1681499	JLY	MATRIX SPIKE						
		[BD1639-01]	Isobutylbenzene - Extractable	2008/11/25		88	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/25		99	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/25		105	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/25		74	%	50 - 120
		Spiked Blank	Isobutylbenzene - Extractable	2008/11/25		87	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/25		105	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/25		87	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/11/25		84	%	50 - 120
		Method Blank	Isobutylbenzene - Extractable	2008/11/25		99	%	30 - 130
			n-Dotriacontane - Extractable	2008/11/25		100	%	30 - 130
			>C10-C21 Hydrocarbons	2008/11/25	ND, RDL=0.16		mg/L	
			>C21-<C32 Hydrocarbons	2008/11/25	ND, RDL=0.51		mg/L	
		RPD [BD1638-01]	>C10-C21 Hydrocarbons	2008/11/25	NC		%	40
			>C21-<C32 Hydrocarbons	2008/11/25	NC		%	40
1681597	JHO	MATRIX SPIKE	Total Mercury (Hg)	2008/11/24		105	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2008/11/24		114	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/24		98	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/24	ND, RDL=0.1		ug/L	
		RPD	Total Mercury (Hg)	2008/11/24	NC		%	25
1682159	RMC	MATRIX SPIKE	1,2-Dichlorobenzene	2008/11/27		111	%	70 - 130
			1,3-Dichlorobenzene	2008/11/27		111	%	N/A
			1,4-Dichlorobenzene	2008/11/27		111	%	70 - 130
			Chlorobenzene	2008/11/27		111	%	70 - 130
			1,1,1-Trichloroethane	2008/11/27		121	%	70 - 130

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Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682159	RMC	MATRIX SPIKE	1,1,2,2-Tetrachloroethane	2008/11/27		111	%	70 - 130
			1,1,2-Trichloroethane	2008/11/27		111	%	70 - 130
			1,1-Dichloroethane	2008/11/27		116	%	70 - 130
			1,1-Dichloroethylene	2008/11/27		105	%	70 - 130
			1,2-Dichloroethane	2008/11/27		116	%	70 - 130
			1,2-Dichloropropane	2008/11/27		111	%	70 - 130
			4-Bromofluorobenzene	2008/11/27		101	%	70 - 130
			Benzene	2008/11/27		116	%	N/A
			Bromodichloromethane	2008/11/27		111	%	70 - 130
			Bromoform	2008/11/27		100	%	70 - 130
			Bromomethane	2008/11/27		74	%	70 - 130
			Carbon Tetrachloride	2008/11/27		121	%	70 - 130
			Chloroethane	2008/11/27		111	%	70 - 130
			Chloroform	2008/11/27		126	%	70 - 130
			Chloromethane	2008/11/27		105	%	70 - 130
			cis-1,2-Dichloroethylene	2008/11/27		110	%	70 - 130
			cis-1,3-Dichloropropene	2008/11/27		116	%	70 - 130
			D4-1,2-Dichloroethane	2008/11/27		101	%	70 - 130
			D8-Toluene	2008/11/27		101	%	70 - 130
			Dibromochloromethane	2008/11/27		105	%	70 - 130
			Ethylbenzene	2008/11/27		116	%	70 - 130
			Ethylene Dibromide	2008/11/27		115	%	70 - 130
			Methylene Chloride(Dichloromethane)	2008/11/27		116	%	70 - 130
			o-Xylene	2008/11/27		110	%	70 - 130
			p+m-Xylene	2008/11/27		110	%	N/A
			Styrene	2008/11/27		105	%	70 - 130
			Tetrachloroethylene	2008/11/27		121	%	70 - 130
			Toluene	2008/11/27		116	%	70 - 130
			trans-1,2-Dichloroethylene	2008/11/27		116	%	70 - 130
			trans-1,3-Dichloropropene	2008/11/27		105	%	70 - 130
			Trichloroethylene	2008/11/27		116	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2008/11/27		105	%	70 - 130
			Vinyl Chloride	2008/11/27		116	%	70 - 130
		Spiked Blank	1,2-Dichlorobenzene	2008/11/27		108	%	70 - 130
			1,3-Dichlorobenzene	2008/11/27		109	%	70 - 130
			1,4-Dichlorobenzene	2008/11/27		108	%	70 - 130
			Chlorobenzene	2008/11/27		110	%	70 - 130
			1,1,1-Trichloroethane	2008/11/27		122	%	70 - 130
			1,1,2,2-Tetrachloroethane	2008/11/27		109	%	70 - 130
			1,1,2-Trichloroethane	2008/11/27		109	%	70 - 130
			1,1-Dichloroethane	2008/11/27		114	%	70 - 130
			1,1-Dichloroethylene	2008/11/27		106	%	70 - 130
			1,2-Dichloroethane	2008/11/27		113	%	70 - 130
			1,2-Dichloropropane	2008/11/27		107	%	70 - 130
			4-Bromofluorobenzene	2008/11/27		101	%	70 - 130
			Benzene	2008/11/27		112	%	70 - 130
			Bromodichloromethane	2008/11/27		107	%	70 - 130
			Bromoform	2008/11/27		102	%	70 - 130
			Bromomethane	2008/11/27		81	%	70 - 130
			Carbon Tetrachloride	2008/11/27		119	%	70 - 130
			Chloroethane	2008/11/27		110	%	70 - 130
			Chloroform	2008/11/27		129	%	70 - 130
			Chloromethane	2008/11/27		108	%	70 - 130
			cis-1,2-Dichloroethylene	2008/11/27		114	%	70 - 130
			cis-1,3-Dichloropropene	2008/11/27		111	%	70 - 130

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682159	RMC	Spiked Blank	D4-1,2-Dichloroethane	2008/11/27		102	%	70 - 130
			D8-Toluene	2008/11/27		101	%	70 - 130
			Dibromochloromethane	2008/11/27		104	%	70 - 130
			Ethylbenzene	2008/11/27		113	%	70 - 130
			Ethylene Dibromide	2008/11/27		117	%	70 - 130
			Methylene Chloride(Dichloromethane)	2008/11/27		114	%	70 - 130
			o-Xylene	2008/11/27		108	%	70 - 130
			p+m-Xylene	2008/11/27		108	%	70 - 130
			Styrene	2008/11/27		108	%	70 - 130
			Tetrachloroethylene	2008/11/27		117	%	70 - 130
			Toluene	2008/11/27		114	%	70 - 130
			trans-1,2-Dichloroethylene	2008/11/27		116	%	70 - 130
			trans-1,3-Dichloropropene	2008/11/27		102	%	70 - 130
			Trichloroethylene	2008/11/27		114	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2008/11/27		107	%	70 - 130
			Vinyl Chloride	2008/11/27		110	%	70 - 130
		Method Blank	1,2-Dichlorobenzene	2008/11/27	ND, RDL=0.5		ug/L	
			1,3-Dichlorobenzene	2008/11/27	ND, RDL=1		ug/L	
			1,4-Dichlorobenzene	2008/11/27	ND, RDL=1		ug/L	
			Chlorobenzene	2008/11/27	ND, RDL=1		ug/L	
			1,1,1-Trichloroethane	2008/11/27	ND, RDL=1		ug/L	
			1,1,2,2-Tetrachloroethane	2008/11/27	ND, RDL=1		ug/L	
			1,1,2-Trichloroethane	2008/11/27	ND, RDL=1		ug/L	
			1,1-Dichloroethane	2008/11/27	ND, RDL=2		ug/L	
			1,1-Dichloroethylene	2008/11/27	ND, RDL=2		ug/L	
			1,2-Dichloroethane	2008/11/27	ND, RDL=1		ug/L	
			1,2-Dichloropropane	2008/11/27	ND, RDL=1		ug/L	
			4-Bromofluorobenzene	2008/11/27		103	%	70 - 130
			Benzene	2008/11/27	ND, RDL=1		ug/L	
			Bromodichloromethane	2008/11/27	ND, RDL=1		ug/L	
			Bromoform	2008/11/27	ND, RDL=1		ug/L	
			Bromomethane	2008/11/27	ND, RDL=8		ug/L	
			Carbon Tetrachloride	2008/11/27	ND, RDL=1		ug/L	
			Chloroethane	2008/11/27	ND, RDL=8		ug/L	
			Chloroform	2008/11/27	ND, RDL=1		ug/L	
			Chloromethane	2008/11/27	ND, RDL=8		ug/L	
			cis-1,2-Dichloroethylene	2008/11/27	ND, RDL=2		ug/L	
			cis-1,3-Dichloropropene	2008/11/27	ND, RDL=2		ug/L	
			D4-1,2-Dichloroethane	2008/11/27		104	%	70 - 130
			D8-Toluene	2008/11/27		101	%	70 - 130
			Dibromochloromethane	2008/11/27	ND, RDL=1		ug/L	
			Ethylbenzene	2008/11/27	ND, RDL=1		ug/L	
			Ethylene Dibromide	2008/11/27	ND, RDL=1		ug/L	
			Methylene Chloride(Dichloromethane)	2008/11/27	ND, RDL=3		ug/L	
			o-Xylene	2008/11/27	ND, RDL=1		ug/L	
			p+m-Xylene	2008/11/27	ND, RDL=2		ug/L	
			Styrene	2008/11/27	ND, RDL=1		ug/L	
			Tetrachloroethylene	2008/11/27	ND, RDL=1		ug/L	
			Toluene	2008/11/27	ND, RDL=1		ug/L	
			trans-1,2-Dichloroethylene	2008/11/27	ND, RDL=2		ug/L	
			trans-1,3-Dichloropropene	2008/11/27	ND, RDL=1		ug/L	
			Trichloroethylene	2008/11/27	ND, RDL=1		ug/L	
			Trichlorofluoromethane (FREON 11)	2008/11/27	ND, RDL=8		ug/L	
			Vinyl Chloride	2008/11/27	ND, RDL=1		ug/L	
		RPD	1,2-Dichlorobenzene	2008/11/27	NC		%	40

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682159	RMC	RPD	1,3-Dichlorobenzene	2008/11/27	NC		%	40
			1,4-Dichlorobenzene	2008/11/27	NC		%	40
			Chlorobenzene	2008/11/27	NC		%	40
			1,1,1-Trichloroethane	2008/11/27	NC		%	40
			1,1,2,2-Tetrachloroethane	2008/11/27	NC		%	40
			1,1,2-Trichloroethane	2008/11/27	NC		%	40
			1,1-Dichloroethane	2008/11/27	NC		%	40
			1,1-Dichloroethylene	2008/11/27	NC		%	40
			1,2-Dichloroethane	2008/11/27	NC		%	40
			1,2-Dichloropropane	2008/11/27	NC		%	40
			Benzene	2008/11/27	NC		%	40
			Bromodichloromethane	2008/11/27	NC		%	40
			Bromoform	2008/11/27	NC		%	40
			Bromomethane	2008/11/27	NC		%	40
			Carbon Tetrachloride	2008/11/27	NC		%	40
			Chloroethane	2008/11/27	NC		%	40
			Chloroform	2008/11/27	NC		%	40
			Chloromethane	2008/11/27	NC		%	40
			cis-1,2-Dichloroethylene	2008/11/27	NC		%	40
			cis-1,3-Dichloropropene	2008/11/27	NC		%	40
			Dibromochloromethane	2008/11/27	NC		%	40
			Ethylbenzene	2008/11/27	NC		%	40
			Ethylene Dibromide	2008/11/27	NC		%	40
			Methylene Chloride(Dichloromethane)	2008/11/27	NC		%	40
			o-Xylene	2008/11/27	NC		%	40
			p+m-Xylene	2008/11/27	NC		%	40
			Styrene	2008/11/27	NC		%	40
			Tetrachloroethylene	2008/11/27	NC		%	40
			Toluene	2008/11/27	NC		%	40
			trans-1,2-Dichloroethylene	2008/11/27	NC		%	40
			trans-1,3-Dichloropropene	2008/11/27	NC		%	40
			Trichloroethylene	2008/11/27	NC		%	40
			Trichlorofluoromethane (FREON 11)	2008/11/27	NC		%	40
			Vinyl Chloride	2008/11/27	NC		%	40
1682638	MBU	MATRIX SPIKE [BD1640-01]	Dissolved Aluminum (Al)	2008/11/25		103	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/25		108	%	75 - 125
			Dissolved Arsenic (As)	2008/11/25		103	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/25		116	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/25		104	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/25		110	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/25		104	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/25		108	%	75 - 125
			Dissolved Copper (Cu)	2008/11/25		102	%	75 - 125
			Dissolved Iron (Fe)	2008/11/25		99	%	75 - 125
			Dissolved Lithium (Li)	2008/11/25		106	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/25		103	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/25		112	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/25		108	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/25		105	%	75 - 125
			Dissolved Selenium (Se)	2008/11/25		107	%	75 - 125
			Dissolved Silver (Ag)	2008/11/25		108	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/25		106	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/25		111	%	75 - 125
			Dissolved Tin (Sn)	2008/11/25		109	%	75 - 125

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Quality Assurance Report (Continued)

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QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682638	MBU	MATRIX SPIKE						
		[BD1640-01]	Dissolved Titanium (Ti)	2008/11/25		98	%	75 - 125
			Dissolved Uranium (U)	2008/11/25		107	%	75 - 125
			Dissolved Vanadium (V)	2008/11/25		106	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/25		99	%	75 - 125
		QC STANDARD	Dissolved Aluminum (Al)	2008/11/25		117	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/25		121	%	75 - 125
			Dissolved Arsenic (As)	2008/11/25		104	%	75 - 125
			Dissolved Barium (Ba)	2008/11/25		111	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/25		118	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/25		115	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/25		110	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/25		119	%	75 - 125
			Dissolved Copper (Cu)	2008/11/25		111	%	75 - 125
			Dissolved Lead (Pb)	2008/11/25		119	%	75 - 125
			Dissolved Lithium (Li)	2008/11/25		120	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/25		118	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/25		118	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/25		115	%	75 - 125
			Dissolved Selenium (Se)	2008/11/25		107	%	75 - 125
			Dissolved Silver (Ag)	2008/11/25		119	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/25		113	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/25		122	%	75 - 125
			Dissolved Vanadium (V)	2008/11/25		112	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/25		110	%	75 - 125
		Spiked Blank	Dissolved Aluminum (Al)	2008/11/25		108	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/25		110	%	75 - 125
			Dissolved Arsenic (As)	2008/11/25		103	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/25		108	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/25		110	%	75 - 125
			Dissolved Boron (B)	2008/11/25		111	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/25		114	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/25		103	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/25		109	%	75 - 125
			Dissolved Copper (Cu)	2008/11/25		105	%	75 - 125
			Dissolved Iron (Fe)	2008/11/25		95	%	75 - 125
			Dissolved Lead (Pb)	2008/11/25		78	%	75 - 125
			Dissolved Lithium (Li)	2008/11/25		105	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/25		103	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/25		113	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/25		108	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/25		106	%	75 - 125
			Dissolved Selenium (Se)	2008/11/25		105	%	75 - 125
			Dissolved Silver (Ag)	2008/11/25		108	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/25		108	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/25		116	%	75 - 125
			Dissolved Tin (Sn)	2008/11/25		111	%	75 - 125
			Dissolved Titanium (Ti)	2008/11/25		101	%	75 - 125
			Dissolved Uranium (U)	2008/11/25		114	%	75 - 125
			Dissolved Vanadium (V)	2008/11/25		108	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/25		102	%	75 - 125
		Method Blank	Dissolved Aluminum (Al)	2008/11/25	ND, RDL=5.0		ug/L	
			Dissolved Antimony (Sb)	2008/11/25	ND, RDL=0.40		ug/L	
			Dissolved Arsenic (As)	2008/11/25	ND, RDL=0.60		ug/L	
			Dissolved Barium (Ba)	2008/11/25	ND, RDL=0.40		ug/L	

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682638	MBU	Method Blank	Dissolved Beryllium (Be)	2008/11/25	ND, RDL=0.50		ug/L	
			Dissolved Bismuth (Bi)	2008/11/25	ND, RDL=2.0		ug/L	
			Dissolved Boron (B)	2008/11/25	ND, RDL=100		ug/L	
			Dissolved Cadmium (Cd)	2008/11/25	ND, RDL=0.017		ug/L	
			Dissolved Chromium (Cr)	2008/11/25	ND, RDL=1.0		ug/L	
			Dissolved Cobalt (Co)	2008/11/25	ND, RDL=1.0		ug/L	
			Dissolved Copper (Cu)	2008/11/25	ND, RDL=2.0		ug/L	
			Dissolved Iron (Fe)	2008/11/25	ND, RDL=100		ug/L	
			Dissolved Lead (Pb)	2008/11/25	ND, RDL=1.0		ug/L	
			Dissolved Lithium (Li)	2008/11/25	ND, RDL=1.0		ug/L	
			Dissolved Manganese (Mn)	2008/11/25	ND, RDL=4.0		ug/L	
			Dissolved Molybdenum (Mo)	2008/11/25	ND, RDL=4.0		ug/L	
			Dissolved Nickel (Ni)	2008/11/25	ND, RDL=3.0		ug/L	
			Dissolved Phosphorus (P)	2008/11/25	ND, RDL=100		ug/L	
			Dissolved Selenium (Se)	2008/11/25	ND, RDL=1.0		ug/L	
			Dissolved Silver (Ag)	2008/11/25	ND, RDL=0.10		ug/L	
			Dissolved Strontium (Sr)	2008/11/25	ND, RDL=2.0		ug/L	
			Dissolved Thallium (Tl)	2008/11/25	ND, RDL=0.80		ug/L	
			Dissolved Tin (Sn)	2008/11/25	ND, RDL=20		ug/L	
			Dissolved Titanium (Ti)	2008/11/25	ND, RDL=3.0		ug/L	
			Dissolved Uranium (U)	2008/11/25	ND, RDL=0.15		ug/L	
			Dissolved Vanadium (V)	2008/11/25	ND, RDL=2.0		ug/L	
			Dissolved Zinc (Zn)	2008/11/25	ND, RDL=5.0		ug/L	
		RPD [BD1640-01]	Dissolved Aluminum (Al)	2008/11/25	NC		%	25
			Dissolved Antimony (Sb)	2008/11/25	NC		%	25
			Dissolved Arsenic (As)	2008/11/25	NC		%	25
			Dissolved Barium (Ba)	2008/11/25	NC		%	25
			Dissolved Beryllium (Be)	2008/11/25	NC		%	25
			Dissolved Bismuth (Bi)	2008/11/25	NC		%	25
			Dissolved Boron (B)	2008/11/25	NC		%	25
			Dissolved Cadmium (Cd)	2008/11/25	NC		%	25
			Dissolved Chromium (Cr)	2008/11/25	NC		%	25
			Dissolved Cobalt (Co)	2008/11/25	NC		%	25
			Dissolved Copper (Cu)	2008/11/25	NC		%	25
			Dissolved Iron (Fe)	2008/11/25	NC		%	25
			Dissolved Lead (Pb)	2008/11/25	NC		%	25
			Dissolved Lithium (Li)	2008/11/25	NC		%	25
			Dissolved Manganese (Mn)	2008/11/25	NC		%	25
			Dissolved Molybdenum (Mo)	2008/11/25	NC		%	25
			Dissolved Nickel (Ni)	2008/11/25	NC		%	25
			Dissolved Phosphorus (P)	2008/11/25	NC		%	25
			Dissolved Selenium (Se)	2008/11/25	NC		%	25
			Dissolved Silver (Ag)	2008/11/25	NC		%	25
			Dissolved Strontium (Sr)	2008/11/25	NC		%	25
			Dissolved Thallium (Tl)	2008/11/25	NC		%	25
			Dissolved Tin (Sn)	2008/11/25	NC		%	25
			Dissolved Titanium (Ti)	2008/11/25	NC		%	25
			Dissolved Uranium (U)	2008/11/25	NC		%	25
			Dissolved Vanadium (V)	2008/11/25	NC		%	25
			Dissolved Zinc (Zn)	2008/11/25	NC		%	25
1683338	GTH	MATRIX SPIKE	Isobutylbenzene - Volatile	2008/11/26		95	%	70 - 130
			Benzene	2008/11/26		100	%	70 - 130
			Toluene	2008/11/26		100	%	70 - 130
			Ethylbenzene	2008/11/26		100	%	70 - 130
			Xylene (Total)	2008/11/26		100	%	70 - 130

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8D8638

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1683338	GTH	Spiked Blank	Isobutylbenzene - Volatile	2008/11/26		93	%	70 - 130
			Benzene	2008/11/26		100	%	70 - 130
			Toluene	2008/11/26		103	%	70 - 130
			Ethylbenzene	2008/11/26		105	%	70 - 130
			Xylene (Total)	2008/11/26		107	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2008/11/26		100	%	70 - 130
			Benzene	2008/11/26	ND, RDL=0.001		mg/L	
			Toluene	2008/11/26	ND, RDL=0.001		mg/L	
			Ethylbenzene	2008/11/26	ND, RDL=0.001		mg/L	
			Xylene (Total)	2008/11/26	ND, RDL=0.002		mg/L	
			C6 - C10 (less BTEX)	2008/11/26	ND, RDL=0.01		mg/L	
		RPD	Benzene	2008/11/26	NC		%	40
			Toluene	2008/11/26	NC		%	40
			Ethylbenzene	2008/11/26	NC		%	40
			Xylene (Total)	2008/11/26	NC		%	40
			C6 - C10 (less BTEX)	2008/11/26	NC		%	40
1684717	JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/11/28		NC	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/28		NC	%	70 - 130
			Dissolved Potassium (K)	2008/11/28		NC	%	70 - 130
			Dissolved Sodium (Na)	2008/11/28		NC	%	70 - 130
			Dissolved Sulphur (S)	2008/11/28		NC	%	70 - 130
		Spiked Blank	Dissolved Calcium (Ca)	2008/11/28		111	%	70 - 130
			Dissolved Magnesium (Mg)	2008/11/28		98	%	70 - 130
			Dissolved Potassium (K)	2008/11/28		102	%	70 - 130
			Dissolved Sodium (Na)	2008/11/28		110	%	70 - 130
			Dissolved Sulphur (S)	2008/11/28		91	%	70 - 130
		Method Blank	Dissolved Calcium (Ca)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Potassium (K)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Sodium (Na)	2008/11/28	ND, RDL=0.1		mg/L	
			Dissolved Sulphur (S)	2008/11/28	ND, RDL=0.5		mg/L	
		RPD	Dissolved Calcium (Ca)		TBA		%	30
			Dissolved Magnesium (Mg)		TBA		%	30
			Dissolved Potassium (K)		TBA		%	30
			Dissolved Sodium (Na)		TBA		%	30
			Dissolved Sulphur (S)		TBA		%	N/A

ND = Not detected
N/A = Not Applicable
TBA = Result to follow
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample

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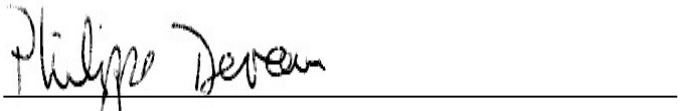
Validation Signature Page

Maxxam Job #: A8D8638

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

MICHELLE MOMBOURQUETTE, Laboratory Manager



PHIL DEVEAU,

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

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Your Project #: 210.05479.00
Site: SYSCO SYDNEY
Your C.O.C. #: S 12792

Attention: Craig Chandler
SLR Consulting (Canada) Ltd
45 Wabina Crt., Suite 107B
PO Box 791, Station A
Sydney, NS
B1P 6K5

Report Date: 2008/12/04

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8E0409
Received: 2008/11/25, 16:43

Sample Matrix: Water
Samples Received: 4

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Water (PIRI)	4	2008/12/02	2008/12/04	ATL SOP-00151 R4	Based on ATL PIRI
Mercury - Total (CVAA,LL)	4	N/A	2008/11/25	ATL SOP-00160 R4	Based on EPA245.1
Dis.metals in water ICP-OES	4	N/A	2008/12/03	ATL SOP 00175	Based on EPA200.7
Elements by ICPMS - low dissolved	2	N/A	2008/11/28	ATL SOP 00161 R3	Based on EPA6020A
Elements by ICPMS - low dissolved	2	N/A	2008/12/02	ATL SOP 00161 R3	Based on EPA6020A
PAH in Water by GC/MS (SIM)	4	2008/12/01	2008/12/03	ATL SOP 00147 R3	Based on EPA 8270C
VPH in Water (PIRI) (1)	4	2008/11/28	2008/12/01	ATL SOP 00118 R3	Based on Atl. PIRI
ModTPH (T1) Calc. for Water	4	N/A	2008/12/04	ATL SOP-00151 R4	Based on Atl PIRI
Volatile Organic Compounds in Water (1)	2	2008/12/01	2008/12/01	ATL SOP 00122 R2	Based on EPA624

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bedford

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TANYA ADDICOTT, Client Services Representative
Email: tanya.addicott.reports@maxxamanalytics.com
Phone# (902) 567 1255

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For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

ATLANTIC VOC IN WATER (WATER)

Maxxam ID		BE0165	BE0166		
Sampling Date		2008/11/25	2008/11/25		
COC Number		S 12792	S 12792		
	Units	**SCU24-001-MW**	**SCU24-003-MW**	**RDL**	**QC Batch**
Chlorobenzenes					
1,2-Dichlorobenzene	ug/L	ND	ND	0.5	1687777
1,3-Dichlorobenzene	ug/L	ND	ND	1	1687777
1,4-Dichlorobenzene	ug/L	ND	ND	1	1687777
Chlorobenzene	ug/L	ND	ND	1	1687777
Volatile Organics					
1,1,1-Trichloroethane	ug/L	ND	ND	1	1687777
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	1	1687777
1,1,2-Trichloroethane	ug/L	ND	ND	1	1687777
1,1-Dichloroethane	ug/L	ND	ND	2	1687777
1,1-Dichloroethylene	ug/L	ND	ND	2	1687777
1,2-Dichloroethane	ug/L	ND	ND	1	1687777
1,2-Dichloropropane	ug/L	ND	ND	1	1687777
Benzene	ug/L	ND	ND	1	1687777
Bromodichloromethane	ug/L	ND	ND	1	1687777
Bromoform	ug/L	ND	ND	1	1687777
Bromomethane	ug/L	ND	ND	8	1687777
Carbon Tetrachloride	ug/L	ND	ND	1	1687777
Chloroethane	ug/L	ND	ND	8	1687777
Chloroform	ug/L	ND	10	1	1687777
Chloromethane	ug/L	ND	ND	8	1687777
cis-1,2-Dichloroethylene	ug/L	ND	ND	2	1687777
cis-1,3-Dichloropropene	ug/L	ND	ND	2	1687777
Dibromochloromethane	ug/L	ND	ND	1	1687777
Ethylbenzene	ug/L	ND	ND	1	1687777
Ethylene Dibromide	ug/L	ND	ND	1	1687777
Methylene Chloride(Dichloromethane)	ug/L	ND	ND	3	1687777
o-Xylene	ug/L	ND	ND	1	1687777
p+m-Xylene	ug/L	ND	ND	2	1687777
Styrene	ug/L	ND	ND	1	1687777
Tetrachloroethylene	ug/L	ND	ND	1	1687777
Toluene	ug/L	ND	ND	1	1687777
trans-1,2-Dichloroethylene	ug/L	ND	ND	2	1687777

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

ATLANTIC VOC IN WATER (WATER)

Maxxam ID		BE0165	BE0166		
Sampling Date		2008/11/25	2008/11/25		
COC Number		S 12792	S 12792		
	Units	**SCU24-001-MW**	**SCU24-003-MW**	**RDL**	**QC Batch**
trans-1,3-Dichloropropene	ug/L	ND	ND	1	1687777
Trichloroethylene	ug/L	ND	ND	1	1687777
Trichlorofluoromethane (FREON 11)	ug/L	ND	ND	8	1687777
Vinyl Chloride	ug/L	ND	ND	1	1687777
Surrogate Recovery (%)					
4-Bromofluorobenzene	%	102	100		1687777
D4-1,2-Dichloroethane	%	103	102		1687777
D8-Toluene	%	100	100		1687777

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QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BE0161		BE0165		
Sampling Date		2008/11/25		2008/11/25		
COC Number		S 12792		S 12792		
	Units	**SCU24-008-MW**	**RDL**	**SCU24-001-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	140	0.5	1200	2	1687322
Dissolved Magnesium (Mg)	mg/L	13	0.1	91	0.1	1687322
Dissolved Potassium (K)	mg/L	71	0.1	18	0.1	1687322
Dissolved Sodium (Na)	mg/L	420	0.5	800	2	1687322
Dissolved Sulphur (S)	mg/L	81	0.5	640	10	1687322
Dissolved Aluminum (Al)	ug/L	55	10	ND	10	1686476
Dissolved Antimony (Sb)	ug/L	1.8	0.80	ND	0.80	1686476
Dissolved Arsenic (As)	ug/L	3.4	1.2	10	1.2	1686476
Dissolved Barium (Ba)	ug/L	38	0.80	10	0.80	1686476
Dissolved Beryllium (Be)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Bismuth (Bi)	ug/L	ND	4.0	ND	4.0	1686476
Dissolved Boron (B)	ug/L	ND	200	ND	200	1686476
Dissolved Cadmium (Cd)	ug/L	ND	0.034	ND	0.034	1686476
Dissolved Chromium (Cr)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Cobalt (Co)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Copper (Cu)	ug/L	15	4.0	ND	4.0	1686476
Dissolved Iron (Fe)	ug/L	ND	200	2200	200	1686476
Dissolved Lead (Pb)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Lithium (Li)	ug/L	100	2.0	57	2.0	1686476
Dissolved Manganese (Mn)	ug/L	16	8.0	570	8.0	1686476
Dissolved Molybdenum (Mo)	ug/L	30	8.0	ND	8.0	1686476
Dissolved Nickel (Ni)	ug/L	ND	6.0	ND	6.0	1686476
Dissolved Phosphorus (P)	ug/L	ND	200	ND	200	1686476
Dissolved Selenium (Se)	ug/L	6.3	2.0	ND	2.0	1686476
Dissolved Silver (Ag)	ug/L	ND	0.20	ND	0.20	1686476
Dissolved Strontium (Sr)	ug/L	480	4.0	25000	4.0	1686476
Dissolved Thallium (Tl)	ug/L	ND	1.6	ND	1.6	1686476
Dissolved Tin (Sn)	ug/L	ND	40	ND	40	1686476
Dissolved Titanium (Ti)	ug/L	ND	6.0	ND	6.0	1686476
Dissolved Uranium (U)	ug/L	ND	0.30	1.1	0.30	1686476
Dissolved Vanadium (V)	ug/L	110	4.0	ND	4.0	1686476
Dissolved Zinc (Zn)	ug/L	ND	10	ND	10	1686476

ND = Not detected
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QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BE0166		BE0167		
Sampling Date		2008/11/25		2008/11/25		
COC Number		S 12792		S 12792		
	Units	**SCU24-003-MW**	**RDL**	**SCU24-010-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	370	2	250	0.5	1687322
Dissolved Magnesium (Mg)	mg/L	0.1	0.1	0.2	0.1	1687322
Dissolved Potassium (K)	mg/L	18	0.1	13	0.1	1687322
Dissolved Sodium (Na)	mg/L	90	0.1	62	0.1	1687322
Dissolved Sulphur (S)	mg/L	190	10	54	0.5	1687322
Dissolved Aluminum (Al)	ug/L	7.6	5.0	130	5.0	1686476
Dissolved Antimony (Sb)	ug/L	ND	0.40	0.43	0.40	1686476
Dissolved Arsenic (As)	ug/L	ND	0.60	ND	0.60	1686476
Dissolved Barium (Ba)	ug/L	170	0.40	130	0.40	1686476
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1686476
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Boron (B)	ug/L	ND	100	ND	100	1686476
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	0.017	1686476
Dissolved Chromium (Cr)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Iron (Fe)	ug/L	ND	100	ND	100	1686476
Dissolved Lead (Pb)	ug/L	2.0	1.0	ND	1.0	1686476
Dissolved Lithium (Li)	ug/L	55	1.0	48	1.0	1686476
Dissolved Manganese (Mn)	ug/L	ND	4.0	ND	4.0	1686476
Dissolved Molybdenum (Mo)	ug/L	8.8	4.0	6.6	4.0	1686476
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1686476
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1686476
Dissolved Selenium (Se)	ug/L	ND	1.0	5.0	1.0	1686476
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1686476
Dissolved Strontium (Sr)	ug/L	730	2.0	770	2.0	1686476
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1686476
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1686476
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1686476
Dissolved Uranium (U)	ug/L	ND	0.15	ND	0.15	1686476
Dissolved Vanadium (V)	ug/L	15	2.0	10	2.0	1686476
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	5.0	1686476

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BE0161	BE0165	BE0166		
Sampling Date		2008/11/25	2008/11/25	2008/11/25		
COC Number		S 12792	S 12792	S 12792		
	Units	**SCU24-008-MW**	**SCU24-001-MW**	**SCU24-003-MW**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	0.002	ND	ND	0.001	1686586
Toluene	mg/L	ND	ND	ND	0.001	1686586
Ethylbenzene	mg/L	ND	ND	ND	0.001	1686586
Xylene (Total)	mg/L	ND	ND	ND	0.002	1686586
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	0.01	1686586
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	0.2	1690546
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	0.5	1690546
Modified TPH (Tier1)	mg/L	ND	ND	ND	0.5	1683233
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	90	95	94		1690546
n-Dotriacontane - Extractable	%	91 (1)	98	95		1690546
Isobutylbenzene - Volatile	%	92	90	92		1686586

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
(1) Fuel oil range.

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BE0167		
Sampling Date		2008/11/25		
COC Number		S 12792		
	Units	**SCU24-010-MW**	**RDL**	**QC Batch**
Petroleum Hydrocarbons				
Benzene	mg/L	ND	0.001	1686586
Toluene	mg/L	ND	0.001	1686586
Ethylbenzene	mg/L	ND	0.001	1686586
Xylene (Total)	mg/L	ND	0.002	1686586
C6 - C10 (less BTEX)	mg/L	ND	0.01	1686586
>C10-C21 Hydrocarbons	mg/L	ND	0.2	1690546
>C21-<C32 Hydrocarbons	mg/L	ND	0.5	1690546
Modified TPH (Tier1)	mg/L	ND	0.5	1683233
Surrogate Recovery (%)				
Isobutylbenzene - Extractable	%	92		1690546
n-Dotriacontane - Extractable	%	93		1690546
Isobutylbenzene - Volatile	%	89		1686586

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

MERCURY BY COLD VAPOUR AA (WATER)

Maxxam ID		BE0161	BE0165	BE0166	BE0167		
Sampling Date		2008/11/25	2008/11/25	2008/11/25	2008/11/25		
COC Number		S 12792	S 12792	S 12792	S 12792		
	Units	**SCU24-008-MW**	**SCU24-001-MW**	**SCU24-003-MW**	**SCU24-010-MW**	**RDL**	**QC Batch**
Metals							
Total Mercury (Hg)	ug/L	0.01	ND	ND	ND	0.01	1682538

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BE0161	BE0165	BE0166		
Sampling Date		2008/11/25	2008/11/25	2008/11/25		
COC Number		S 12792	S 12792	S 12792		
	Units	**SCU24-008-MW**	**SCU24-001-MW**	**SCU24-003-MW**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	7.9	ND	0.34	0.05	1689312
2-Methylnaphthalene	ug/L	5.6	ND	0.37	0.05	1689312
Acenaphthene	ug/L	2.7	ND	0.24	0.01	1689312
Acenaphthylene	ug/L	4.1	ND	0.18	0.01	1689312
Anthracene	ug/L	0.79	ND	0.30	0.01	1689312
Benzo(a)anthracene	ug/L	0.08	ND	0.06	0.01	1689312
Benzo(a)pyrene	ug/L	0.02	ND	0.01	0.01	1689312
Benzo(b)fluoranthene	ug/L	0.02	ND	0.02	0.01	1689312
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.01	1689312
Benzo(k)fluoranthene	ug/L	0.03	ND	0.02	0.01	1689312
Chrysene	ug/L	0.06	ND	0.05	0.01	1689312
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1689312
Fluoranthene	ug/L	0.83	ND	0.59	0.01	1689312
Fluorene	ug/L	5.0	ND	0.38	0.01	1689312
Indeno(1,2,3-cd)pyrene	ug/L	0.01	ND	ND	0.01	1689312
Naphthalene	ug/L	56	ND	1.6	0.2	1689312
Perylene	ug/L	ND	ND	ND	0.01	1689312
Phenanthrene	ug/L	4.8	ND	1.8	0.01	1689312
Pyrene	ug/L	0.70	ND	0.46	0.01	1689312
Surrogate Recovery (%)						
D10-Anthracene	%	87	115	89		1689312
D14-Terphenyl	%	80	96	81		1689312
D8-Acenaphthylene	%	95	96	81		1689312

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BE0167		
Sampling Date		2008/11/25		
COC Number		S 12792		
	Units	**SCU24-010-MW**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons				
1-Methylnaphthalene	ug/L	0.17	0.05	1689312
2-Methylnaphthalene	ug/L	0.17	0.05	1689312
Acenaphthene	ug/L	0.07	0.01	1689312
Acenaphthylene	ug/L	0.11	0.01	1689312
Anthracene	ug/L	0.14	0.01	1689312
Benzo(a)anthracene	ug/L	0.02	0.01	1689312
Benzo(a)pyrene	ug/L	ND	0.01	1689312
Benzo(b)fluoranthene	ug/L	ND	0.01	1689312
Benzo(g,h,i)perylene	ug/L	ND	0.01	1689312
Benzo(k)fluoranthene	ug/L	ND	0.01	1689312
Chrysene	ug/L	0.01	0.01	1689312
Dibenz(a,h)anthracene	ug/L	ND	0.01	1689312
Fluoranthene	ug/L	0.63	0.01	1689312
Fluorene	ug/L	0.19	0.01	1689312
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.01	1689312
Naphthalene	ug/L	0.7	0.2	1689312
Perylene	ug/L	ND	0.01	1689312
Phenanthrene	ug/L	0.42	0.01	1689312
Pyrene	ug/L	0.40	0.01	1689312
Surrogate Recovery (%)				
D10-Anthracene	%	89		1689312
D14-Terphenyl	%	81		1689312
D8-Acenaphthylene	%	83		1689312

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0409
Report Date: 2008/12/04

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GENERAL COMMENTS

Results relate only to the items tested.

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report

Maxxam Job Number: KA8E0409

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1682538	JHO	MATRIX SPIKE	Total Mercury (Hg)	2008/11/25		91	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2008/11/25		116	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/25		102	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/25	ND, RDL=0.01		ug/L	
		RPD	Total Mercury (Hg)	2008/11/25	NC		%	25
1686476	MBU	MATRIX SPIKE	Dissolved Aluminum (Al)	2008/11/28		95	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/28		112	%	75 - 125
			Dissolved Arsenic (As)	2008/11/28		105	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/28		113	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/28		98	%	75 - 125
			Dissolved Boron (B)	2008/11/28		134 (1)	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/28		115	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/28		103	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/28		108	%	75 - 125
			Dissolved Copper (Cu)	2008/11/28		103	%	75 - 125
			Dissolved Iron (Fe)	2008/11/28		NC	%	75 - 125
			Dissolved Lithium (Li)	2008/11/28		92	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/28		86	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/28		117	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/28		102	%	75 - 125
			Dissolved Phosphorus (P)	2008/11/28		112	%	75 - 125
			Dissolved Selenium (Se)	2008/11/28		111	%	75 - 125
			Dissolved Silver (Ag)	2008/11/28		93	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/28		82	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/28		103	%	75 - 125
			Dissolved Tin (Sn)	2008/11/28		109	%	75 - 125
			Dissolved Titanium (Ti)	2008/11/28		101	%	75 - 125
			Dissolved Uranium (U)	2008/11/28		103	%	75 - 125
			Dissolved Vanadium (V)	2008/11/28		109	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/28		97	%	75 - 125
		QC STANDARD	Dissolved Aluminum (Al)	2008/11/28		117	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/28		120	%	75 - 125
			Dissolved Arsenic (As)	2008/11/28		104	%	75 - 125
			Dissolved Barium (Ba)	2008/11/28		110	%	75 - 125
			Dissolved Beryllium (Be)	2008/11/28		115	%	75 - 125
			Dissolved Bismuth (Bi)	2008/11/28		116	%	75 - 125
			Dissolved Boron (B)	2008/11/28		117	%	75 - 125
			Dissolved Cadmium (Cd)	2008/11/28		116	%	75 - 125
			Dissolved Chromium (Cr)	2008/11/28		101	%	75 - 125
			Dissolved Cobalt (Co)	2008/11/28		115	%	75 - 125
			Dissolved Copper (Cu)	2008/11/28		110	%	75 - 125
			Dissolved Lead (Pb)	2008/11/28		114	%	75 - 125
			Dissolved Lithium (Li)	2008/11/28		117	%	75 - 125
			Dissolved Manganese (Mn)	2008/11/28		116	%	75 - 125
			Dissolved Molybdenum (Mo)	2008/11/28		118	%	75 - 125
			Dissolved Nickel (Ni)	2008/11/28		111	%	75 - 125
			Dissolved Selenium (Se)	2008/11/28		90	%	75 - 125
			Dissolved Silver (Ag)	2008/11/28		113	%	75 - 125
			Dissolved Strontium (Sr)	2008/11/28		108	%	75 - 125
			Dissolved Thallium (Tl)	2008/11/28		113	%	75 - 125
			Dissolved Vanadium (V)	2008/11/28		115	%	75 - 125
			Dissolved Zinc (Zn)	2008/11/28		108	%	75 - 125
		Spiked Blank	Dissolved Aluminum (Al)	2008/11/28		100	%	75 - 125
			Dissolved Antimony (Sb)	2008/11/28		110	%	75 - 125
			Dissolved Arsenic (As)	2008/11/28		98	%	75 - 125

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1686476 MBU	Spiked Blank	Dissolved Beryllium (Be)	2008/11/28		103	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/28		97	%	75 - 125
		Dissolved Boron (B)	2008/11/28		104	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/28		115	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/28		99	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/28		107	%	75 - 125
		Dissolved Copper (Cu)	2008/11/28		103	%	75 - 125
		Dissolved Iron (Fe)	2008/11/28		91	%	75 - 125
		Dissolved Lithium (Li)	2008/11/28		99	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/28		100	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/28		113	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/28		105	%	75 - 125
		Dissolved Phosphorus (P)	2008/11/28		106	%	75 - 125
		Dissolved Selenium (Se)	2008/11/28		105	%	75 - 125
		Dissolved Silver (Ag)	2008/11/28		106	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/28		98	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/28		102	%	75 - 125
		Dissolved Tin (Sn)	2008/11/28		110	%	75 - 125
		Dissolved Titanium (Ti)	2008/11/28		100	%	75 - 125
		Dissolved Uranium (U)	2008/11/28		99	%	75 - 125
		Dissolved Vanadium (V)	2008/11/28		106	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/28		98	%	75 - 125
	Method Blank	Dissolved Aluminum (Al)	2008/11/28	ND, RDL=5.0		ug/L	
		Dissolved Antimony (Sb)	2008/11/28	ND, RDL=0.40		ug/L	
		Dissolved Arsenic (As)	2008/11/28	ND, RDL=0.60		ug/L	
		Dissolved Barium (Ba)	2008/11/28	ND, RDL=0.40		ug/L	
		Dissolved Beryllium (Be)	2008/11/28	ND, RDL=0.50		ug/L	
		Dissolved Bismuth (Bi)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Boron (B)	2008/11/28	ND, RDL=100		ug/L	
		Dissolved Cadmium (Cd)	2008/11/28	ND, RDL=0.017		ug/L	
		Dissolved Chromium (Cr)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Cobalt (Co)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Copper (Cu)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Iron (Fe)	2008/11/28	ND, RDL=100		ug/L	
		Dissolved Lead (Pb)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Lithium (Li)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Manganese (Mn)	2008/11/28	ND, RDL=4.0		ug/L	
		Dissolved Molybdenum (Mo)	2008/11/28	ND, RDL=4.0		ug/L	
		Dissolved Nickel (Ni)	2008/11/28	ND, RDL=3.0		ug/L	
		Dissolved Phosphorus (P)	2008/11/28	ND, RDL=100		ug/L	
		Dissolved Selenium (Se)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Silver (Ag)	2008/11/28	ND, RDL=0.10		ug/L	
		Dissolved Strontium (Sr)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Thallium (Tl)	2008/11/28	ND, RDL=0.80		ug/L	
		Dissolved Tin (Sn)	2008/11/28	ND, RDL=20		ug/L	
		Dissolved Titanium (Ti)	2008/11/28	ND, RDL=3.0		ug/L	
		Dissolved Uranium (U)	2008/11/28	ND, RDL=0.15		ug/L	
		Dissolved Vanadium (V)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Zinc (Zn)	2008/11/28	ND, RDL=5.0		ug/L	
	RPD	Dissolved Aluminum (Al)	2008/11/28	4.2		%	25
		Dissolved Antimony (Sb)	2008/11/28	NC		%	25
		Dissolved Arsenic (As)	2008/11/28	NC		%	25
		Dissolved Barium (Ba)	2008/11/28	1.4		%	25
		Dissolved Beryllium (Be)	2008/11/28	NC		%	25
		Dissolved Bismuth (Bi)	2008/11/28	NC		%	25

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1686476 MBU	RPD	Dissolved Boron (B)	2008/11/28	NC		%	25
		Dissolved Cadmium (Cd)	2008/11/28	NC		%	25
		Dissolved Chromium (Cr)	2008/11/28	NC		%	25
		Dissolved Cobalt (Co)	2008/11/28	4.8		%	25
		Dissolved Copper (Cu)	2008/11/28	NC		%	25
		Dissolved Iron (Fe)	2008/11/28	2.6		%	25
		Dissolved Lead (Pb)	2008/11/28	NC		%	25
		Dissolved Lithium (Li)	2008/11/28	5.6		%	25
		Dissolved Manganese (Mn)	2008/11/28	3.7		%	25
		Dissolved Molybdenum (Mo)	2008/11/28	NC		%	25
		Dissolved Nickel (Ni)	2008/11/28	NC		%	25
		Dissolved Phosphorus (P)	2008/11/28	NC		%	25
		Dissolved Selenium (Se)	2008/11/28	NC		%	25
		Dissolved Silver (Ag)	2008/11/28	NC		%	25
		Dissolved Strontium (Sr)	2008/11/28	3.0		%	25
		Dissolved Thallium (Tl)	2008/11/28	NC		%	25
		Dissolved Tin (Sn)	2008/11/28	NC		%	25
		Dissolved Titanium (Ti)	2008/11/28	NC		%	25
		Dissolved Uranium (U)	2008/11/28	NC		%	25
		Dissolved Vanadium (V)	2008/11/28	NC		%	25
		Dissolved Zinc (Zn)	2008/11/28	4.2		%	25
1686586 GTH	MATRIX SPIKE	Isobutylbenzene - Volatile	2008/12/01		93	%	70 - 130
		Benzene	2008/12/01		109	%	70 - 130
		Toluene	2008/12/01		109	%	70 - 130
		Ethylbenzene	2008/12/01		109	%	70 - 130
		Xylene (Total)	2008/12/01		109	%	70 - 130
	Spiked Blank	Isobutylbenzene - Volatile	2008/12/01		93	%	70 - 130
		Benzene	2008/12/01		104	%	70 - 130
		Toluene	2008/12/01		104	%	70 - 130
		Ethylbenzene	2008/12/01		104	%	70 - 130
		Xylene (Total)	2008/12/01		107	%	70 - 130
	Method Blank	Isobutylbenzene - Volatile	2008/12/01		93	%	70 - 130
		Benzene	2008/12/01	ND, RDL=0.001		mg/L	
		Toluene	2008/12/01	ND, RDL=0.001		mg/L	
		Ethylbenzene	2008/12/01	ND, RDL=0.001		mg/L	
		Xylene (Total)	2008/12/01	ND, RDL=0.002		mg/L	
		C6 - C10 (less BTEX)	2008/12/01	ND, RDL=0.01		mg/L	
	RPD	Benzene	2008/12/01	NC		%	40
		Toluene	2008/12/01	NC		%	40
		Ethylbenzene	2008/12/01	NC		%	40
		Xylene (Total)	2008/12/01	NC		%	40
		C6 - C10 (less BTEX)	2008/12/01	NC		%	40
1687322 JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/12/03		82	%	70 - 130
		Dissolved Magnesium (Mg)	2008/12/03		107	%	70 - 130
		Dissolved Potassium (K)	2008/12/03		107	%	70 - 130
		Dissolved Sodium (Na)	2008/12/03		112	%	70 - 130
		Dissolved Sulphur (S)	2008/12/03		102	%	70 - 130
	Spiked Blank	Dissolved Calcium (Ca)	2008/12/03		121	%	70 - 130
		Dissolved Magnesium (Mg)	2008/12/03		113	%	70 - 130
		Dissolved Potassium (K)	2008/12/03		112	%	70 - 130
		Dissolved Sodium (Na)	2008/12/03		120	%	70 - 130
		Dissolved Sulphur (S)	2008/12/03		111	%	70 - 130
	Method Blank	Dissolved Calcium (Ca)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Magnesium (Mg)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Potassium (K)	2008/12/03	ND, RDL=0.1		mg/L	

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1687322	JHO	Method Blank	Dissolved Sodium (Na)	2008/12/03	ND, RDL=0.1		mg/L	
			Dissolved Sulphur (S)	2008/12/03	ND, RDL=0.5		mg/L	
		RPD	Dissolved Calcium (Ca)	2008/12/03	7.5		%	30
			Dissolved Magnesium (Mg)	2008/12/03	0.5		%	30
			Dissolved Potassium (K)	2008/12/03	13.0		%	30
			Dissolved Sodium (Na)	2008/12/03	4.4		%	30
			Dissolved Sulphur (S)	2008/12/03	NC		%	N/A
1687777	RMC	MATRIX SPIKE	1,2-Dichlorobenzene	2008/12/02		105	%	70 - 130
			1,3-Dichlorobenzene	2008/12/02		105	%	70 - 130
			1,4-Dichlorobenzene	2008/12/02		105	%	70 - 130
			Chlorobenzene	2008/12/02		111	%	70 - 130
			1,1,1-Trichloroethane	2008/12/02		121	%	70 - 130
			1,1,2,2-Tetrachloroethane	2008/12/02		105	%	70 - 130
			1,1,2-Trichloroethane	2008/12/02		111	%	70 - 130
			1,1-Dichloroethane	2008/12/02		111	%	70 - 130
			1,1-Dichloroethylene	2008/12/02		105	%	70 - 130
			1,2-Dichloroethane	2008/12/02		116	%	70 - 130
			1,2-Dichloropropane	2008/12/02		111	%	70 - 130
			4-Bromofluorobenzene	2008/12/02		103	%	70 - 130
			Benzene	2008/12/02		111	%	70 - 130
			Bromodichloromethane	2008/12/02		105	%	70 - 130
			Bromoform	2008/12/02		95	%	70 - 130
			Bromomethane	2008/12/02		95	%	70 - 130
			Carbon Tetrachloride	2008/12/02		121	%	70 - 130
			Chloroethane	2008/12/02		111	%	70 - 130
			Chloroform	2008/12/02		126	%	70 - 130
			Chloromethane	2008/12/02		121	%	70 - 130
			cis-1,2-Dichloroethylene	2008/12/02		110	%	70 - 130
			cis-1,3-Dichloropropene	2008/12/02		105	%	70 - 130
			D4-1,2-Dichloroethane	2008/12/02		104	%	70 - 130
			D8-Toluene	2008/12/02		101	%	70 - 130
			Dibromochloromethane	2008/12/02		100	%	70 - 130
			Ethylbenzene	2008/12/02		111	%	70 - 130
			Ethylene Dibromide	2008/12/02		115	%	70 - 130
			Methylene Chloride(Dichloromethane)	2008/12/02		116	%	70 - 130
			o-Xylene	2008/12/02		105	%	70 - 130
			p+m-Xylene	2008/12/02		105	%	70 - 130
			Styrene	2008/12/02		105	%	70 - 130
			Tetrachloroethylene	2008/12/02		116	%	70 - 130
			Toluene	2008/12/02		111	%	70 - 130
			trans-1,2-Dichloroethylene	2008/12/02		116	%	70 - 130
			trans-1,3-Dichloropropene	2008/12/02		100	%	70 - 130
			Trichloroethylene	2008/12/02		116	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2008/12/02		105	%	70 - 130
			Vinyl Chloride	2008/12/02		116	%	70 - 130
		Spiked Blank	1,2-Dichlorobenzene	2008/12/01		105	%	70 - 130
			1,3-Dichlorobenzene	2008/12/01		107	%	70 - 130
			1,4-Dichlorobenzene	2008/12/01		106	%	70 - 130
			Chlorobenzene	2008/12/01		108	%	70 - 130
			1,1,1-Trichloroethane	2008/12/01		117	%	70 - 130
			1,1,2,2-Tetrachloroethane	2008/12/01		103	%	70 - 130
			1,1,2-Trichloroethane	2008/12/01		110	%	70 - 130
			1,1-Dichloroethane	2008/12/01		112	%	70 - 130
			1,1-Dichloroethylene	2008/12/01		103	%	70 - 130
			1,2-Dichloroethane	2008/12/01		113	%	70 - 130

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Attention: Craig Chandler
Client Project #: 210.05479.00
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Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1687777	RMC	Spiked Blank	1,2-Dichloropropane	2008/12/01		108	%	70 - 130
			4-Bromofluorobenzene	2008/12/01		101	%	70 - 130
			Benzene	2008/12/01		113	%	70 - 130
			Bromodichloromethane	2008/12/01		107	%	70 - 130
			Bromoform	2008/12/01		94	%	70 - 130
			Bromomethane	2008/12/01		98	%	70 - 130
			Carbon Tetrachloride	2008/12/01		115	%	70 - 130
			Chloroethane	2008/12/01		109	%	70 - 130
			Chloroform	2008/12/01		127	%	70 - 130
			Chloromethane	2008/12/01		122	%	70 - 130
			cis-1,2-Dichloroethylene	2008/12/01		111	%	70 - 130
			cis-1,3-Dichloropropene	2008/12/01		114	%	70 - 130
			D4-1,2-Dichloroethane	2008/12/01		101	%	70 - 130
			D8-Toluene	2008/12/01		100	%	70 - 130
			Dibromochloromethane	2008/12/01		102	%	70 - 130
			Ethylbenzene	2008/12/01		111	%	70 - 130
			Ethylene Dibromide	2008/12/01		115	%	70 - 130
			Methylene Chloride(Dichloromethane)	2008/12/01		115	%	70 - 130
			o-Xylene	2008/12/01		105	%	70 - 130
			p+m-Xylene	2008/12/01		105	%	70 - 130
			Styrene	2008/12/01		106	%	70 - 130
			Tetrachloroethylene	2008/12/01		117	%	70 - 130
			Toluene	2008/12/01		113	%	70 - 130
			trans-1,2-Dichloroethylene	2008/12/01		114	%	70 - 130
			trans-1,3-Dichloropropene	2008/12/01		107	%	70 - 130
			Trichloroethylene	2008/12/01		114	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2008/12/01		101	%	70 - 130
			Vinyl Chloride	2008/12/01		109	%	70 - 130
		Method Blank	1,2-Dichlorobenzene	2008/12/01	ND, RDL=0.5		ug/L	
			1,3-Dichlorobenzene	2008/12/01	ND, RDL=1		ug/L	
			1,4-Dichlorobenzene	2008/12/01	ND, RDL=1		ug/L	
			Chlorobenzene	2008/12/01	ND, RDL=1		ug/L	
			1,1,1-Trichloroethane	2008/12/01	ND, RDL=1		ug/L	
			1,1,2,2-Tetrachloroethane	2008/12/01	ND, RDL=1		ug/L	
			1,1,2-Trichloroethane	2008/12/01	ND, RDL=1		ug/L	
			1,1-Dichloroethane	2008/12/01	ND, RDL=2		ug/L	
			1,1-Dichloroethylene	2008/12/01	ND, RDL=2		ug/L	
			1,2-Dichloroethane	2008/12/01	ND, RDL=1		ug/L	
			1,2-Dichloropropane	2008/12/01	ND, RDL=1		ug/L	
			4-Bromofluorobenzene	2008/12/01		101	%	70 - 130
			Benzene	2008/12/01	ND, RDL=1		ug/L	
			Bromodichloromethane	2008/12/01	ND, RDL=1		ug/L	
			Bromoform	2008/12/01	ND, RDL=1		ug/L	
			Bromomethane	2008/12/01	ND, RDL=8		ug/L	
			Carbon Tetrachloride	2008/12/01	ND, RDL=1		ug/L	
			Chloroethane	2008/12/01	ND, RDL=8		ug/L	
			Chloroform	2008/12/01	ND, RDL=1		ug/L	
			Chloromethane	2008/12/01	ND, RDL=8		ug/L	
			cis-1,2-Dichloroethylene	2008/12/01	ND, RDL=2		ug/L	
			cis-1,3-Dichloropropene	2008/12/01	ND, RDL=2		ug/L	
			D4-1,2-Dichloroethane	2008/12/01		104	%	70 - 130
			D8-Toluene	2008/12/01		100	%	70 - 130
			Dibromochloromethane	2008/12/01	ND, RDL=1		ug/L	
			Ethylbenzene	2008/12/01	ND, RDL=1		ug/L	
			Ethylene Dibromide	2008/12/01	ND, RDL=1		ug/L	

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Attention: Craig Chandler
Client Project #: 210.05479.00
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Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1687777 RMC	Method Blank	Methylene Chloride(Dichloromethane)	2008/12/01	ND, RDL=3		ug/L	
		o-Xylene	2008/12/01	ND, RDL=1		ug/L	
		p+m-Xylene	2008/12/01	ND, RDL=2		ug/L	
		Styrene	2008/12/01	ND, RDL=1		ug/L	
		Tetrachloroethylene	2008/12/01	ND, RDL=1		ug/L	
		Toluene	2008/12/01	ND, RDL=1		ug/L	
		trans-1,2-Dichloroethylene	2008/12/01	ND, RDL=2		ug/L	
		trans-1,3-Dichloropropene	2008/12/01	ND, RDL=1		ug/L	
		Trichloroethylene	2008/12/01	ND, RDL=1		ug/L	
		Trichlorofluoromethane (FREON 11)	2008/12/01	ND, RDL=8		ug/L	
		Vinyl Chloride	2008/12/01	ND, RDL=1		ug/L	
	RPD	Bromodichloromethane	2008/12/01	NC		%	40
		Bromoform	2008/12/01	NC		%	40
		Chloroform	2008/12/01	5.2		%	40
		Dibromochloromethane	2008/12/01	NC		%	40
1689312 TML	MATRIX SPIKE						
	[BE0166-01]	D10-Anthracene	2008/12/03		87	%	30 - 130
		D14-Terphenyl	2008/12/03		84	%	30 - 130
		D8-Acenaphthylene	2008/12/03		79	%	30 - 130
		1-Methylnaphthalene	2008/12/03		108	%	50 - 130
		2-Methylnaphthalene	2008/12/03		117	%	50 - 130
		Acenaphthene	2008/12/03		75	%	50 - 130
		Acenaphthylene	2008/12/03		78	%	50 - 130
		Anthracene	2008/12/03		116	%	50 - 130
		Benzo(a)anthracene	2008/12/03		73	%	50 - 130
		Benzo(a)pyrene	2008/12/03		75	%	50 - 130
		Benzo(b)fluoranthene	2008/12/03		77	%	50 - 130
		Benzo(g,h,i)perylene	2008/12/03		75	%	50 - 130
		Benzo(k)fluoranthene	2008/12/03		82	%	50 - 130
		Chrysene	2008/12/03		82	%	50 - 130
		Dibenz(a,h)anthracene	2008/12/03		72	%	50 - 130
		Fluoranthene	2008/12/03		115	%	50 - 130
		Fluorene	2008/12/03		103	%	50 - 130
		Indeno(1,2,3-cd)pyrene	2008/12/03		73	%	50 - 130
		Naphthalene	2008/12/03		77	%	50 - 130
		Perylene	2008/12/03		76	%	50 - 130
		Phenanthrene	2008/12/03		70	%	50 - 130
		Pyrene	2008/12/03		107	%	50 - 130
	Spiked Blank	D10-Anthracene	2008/12/03		88	%	30 - 130
		D14-Terphenyl	2008/12/03		93	%	30 - 130
		D8-Acenaphthylene	2008/12/03		90	%	30 - 130
		1-Methylnaphthalene	2008/12/03		84	%	50 - 130
		2-Methylnaphthalene	2008/12/03		81	%	50 - 130
		Acenaphthene	2008/12/03		76	%	50 - 130
		Acenaphthylene	2008/12/03		78	%	50 - 130
		Anthracene	2008/12/03		79	%	50 - 130
		Benzo(a)anthracene	2008/12/03		75	%	50 - 130
		Benzo(a)pyrene	2008/12/03		75	%	50 - 130
		Benzo(b)fluoranthene	2008/12/03		78	%	50 - 130
		Benzo(g,h,i)perylene	2008/12/03		76	%	50 - 130
		Benzo(k)fluoranthene	2008/12/03		82	%	50 - 130
		Chrysene	2008/12/03		83	%	50 - 130
		Dibenz(a,h)anthracene	2008/12/03		73	%	50 - 130
		Fluoranthene	2008/12/03		77	%	50 - 130
		Fluorene	2008/12/03		72	%	50 - 130

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Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1689312	TML	Spiked Blank	Indeno(1,2,3-cd)pyrene	2008/12/03		70	%	50 - 130
			Naphthalene	2008/12/03		79	%	50 - 130
			Perylene	2008/12/03		75	%	50 - 130
			Phenanthrene	2008/12/03		75	%	50 - 130
			Pyrene	2008/12/03		80	%	50 - 130
		Method Blank	D10-Anthracene	2008/12/03		87	%	30 - 130
			D14-Terphenyl	2008/12/03		82	%	30 - 130
			D8-Acenaphthylene	2008/12/03		85	%	30 - 130
			1-Methylnaphthalene	2008/12/03	ND, RDL=0.05		ug/L	
			2-Methylnaphthalene	2008/12/03	ND, RDL=0.05		ug/L	
			Acenaphthene	2008/12/03	ND, RDL=0.01		ug/L	
			Acenaphthylene	2008/12/03	ND, RDL=0.01		ug/L	
			Anthracene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(a)anthracene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(a)pyrene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(b)fluoranthene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(g,h,i)perylene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(k)fluoranthene	2008/12/03	ND, RDL=0.01		ug/L	
			Chrysene	2008/12/03	ND, RDL=0.01		ug/L	
			Dibenz(a,h)anthracene	2008/12/03	ND, RDL=0.01		ug/L	
			Fluoranthene	2008/12/03	ND, RDL=0.01		ug/L	
			Fluorene	2008/12/03	ND, RDL=0.01		ug/L	
			Indeno(1,2,3-cd)pyrene	2008/12/03	ND, RDL=0.01		ug/L	
			Naphthalene	2008/12/03	ND, RDL=0.2		ug/L	
			Perylene	2008/12/03	ND, RDL=0.01		ug/L	
			Phenanthrene	2008/12/03	ND, RDL=0.01		ug/L	
			Pyrene	2008/12/03	ND, RDL=0.01		ug/L	
		RPD [BE0161-01]	1-Methylnaphthalene	2008/12/03	5.2		%	40
			2-Methylnaphthalene	2008/12/03	3.6		%	40
			Acenaphthene	2008/12/03	3.8		%	40
			Acenaphthylene	2008/12/03	5.0		%	40
			Anthracene	2008/12/03	3.7		%	40
			Benzo(a)anthracene	2008/12/03	0		%	40
			Benzo(a)pyrene	2008/12/03	NC		%	40
			Benzo(b)fluoranthene	2008/12/03	NC		%	40
			Benzo(g,h,i)perylene	2008/12/03	NC		%	40
			Benzo(k)fluoranthene	2008/12/03	NC		%	40
			Chrysene	2008/12/03	0		%	40
			Dibenz(a,h)anthracene	2008/12/03	NC		%	40
			Fluoranthene	2008/12/03	3.6		%	40
			Fluorene	2008/12/03	2.0		%	40
			Indeno(1,2,3-cd)pyrene	2008/12/03	NC		%	40
			Naphthalene	2008/12/03	5.2		%	40
			Perylene	2008/12/03	NC		%	40
			Phenanthrene	2008/12/03	2.1		%	40
			Pyrene	2008/12/03	2.8		%	40
1690546	JLY	MATRIX SPIKE						
		[BE0166-01]	Isobutylbenzene - Extractable	2008/12/04		89	%	30 - 130
			n-Dotriacontane - Extractable	2008/12/04		90	%	30 - 130
			>C10-C21 Hydrocarbons	2008/12/04		100	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/12/04		70	%	50 - 120
		Spiked Blank	Isobutylbenzene - Extractable	2008/12/04		93	%	30 - 130
			n-Dotriacontane - Extractable	2008/12/04		93	%	30 - 130
			>C10-C21 Hydrocarbons	2008/12/04		103	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/12/04		74	%	50 - 120

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Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0409

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1690546	JLY	Method Blank	Isobutylbenzene - Extractable	2008/12/04		100	%	30 - 130
			n-Dotriacontane - Extractable	2008/12/04		100	%	30 - 130
			>C10-C21 Hydrocarbons	2008/12/04	ND, RDL=0.16		mg/L	
			>C21-<C32 Hydrocarbons	2008/12/04	ND, RDL=0.51		mg/L	
		RPD [BE0161-01]	>C10-C21 Hydrocarbons	2008/12/04	NC		%	40
			>C21-<C32 Hydrocarbons	2008/12/04	NC		%	40

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample
(1) Matrix Spike:<10% of compounds in multi-component analysis in violation.

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Validation Signature Page

Maxxam Job #: A8E0409

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

ALAN STEWART, Project Manager

MICHELLE MOMBOURQUETTE, Laboratory Manager

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

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Your Project #: 210.05479.00
Site: SYSCO - SYDNEY
Your C.O.C. #: S 12856

Attention: Craig Chandler
SLR Consulting (Canada) Ltd
45 Wabina Crt., Suite 107B
PO Box 791, Station A
Sydney, NS
B1P 6K5

Report Date: 2008/12/05

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A8E0981
Received: 2008/11/26, 16:55

Sample Matrix: Water
Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Water (PIRI)	6	2008/12/03	2008/12/04	ATL SOP-00151 R4	Based on ATL PIRI
Mercury - Total (CVAA,LL)	6	N/A	2008/11/29	ATL SOP-00160 R4	Based on EPA245.1
Dis.metals in water ICP-OES	6	N/A	2008/12/03	ATL SOP 00175	Based on EPA200.7
Elements by ICPMS - low dissolved	4	N/A	2008/11/28	ATL SOP 00161 R3	Based on EPA6020A
Elements by ICPMS - low dissolved	2	N/A	2008/12/02	ATL SOP 00161 R3	Based on EPA6020A
PAH in Water by GC/MS (SIM)	6	2008/12/01	2008/12/03	ATL SOP 00147 R3	Based on EPA 8270C
VPH in Water (PIRI) (1)	2	2008/12/03	2008/12/04	ATL SOP 00118 R3	Based on Atl. PIRI
VPH in Water (PIRI) (1)	4	2008/12/03	2008/12/05	ATL SOP 00118 R3	Based on Atl. PIRI
ModTPH (T1) Calc. for Water	6	N/A	2008/12/05	ATL SOP-00151 R4	Based on Atl PIRI

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bedford

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

TANYA ADDICOTT, Client Services Representative
Email: tanya.addicott.reports@maxxamanalytics.com
Phone# (902) 567 1255

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For Service Group specific validation please refer to the Validation Signature Page

Total cover pages: 1

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Maxxam Job #: A8E0981
Report Date: 2008/12/05

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BE2837		BE2838		
Sampling Date		2008/11/26		2008/11/26		
COC Number		S 12856		S 12856		
	Units	**SCU25-005-MWB**	**RDL**	**SCU25-005-MWC**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	2300	2	4400	5	1687322
Dissolved Magnesium (Mg)	mg/L	220	2	510	2	1687322
Dissolved Potassium (K)	mg/L	15	0.1	43	0.1	1687322
Dissolved Sodium (Na)	mg/L	390	2	3600	2	1687322
Dissolved Sulphur (S)	mg/L	210	10	150	10	1687322
Dissolved Aluminum (Al)	ug/L	ND	10	ND	10	1686476
Dissolved Antimony (Sb)	ug/L	ND	0.80	ND	0.80	1686476
Dissolved Arsenic (As)	ug/L	ND	1.2	34	1.2	1686476
Dissolved Barium (Ba)	ug/L	57	0.80	140	0.80	1686476
Dissolved Beryllium (Be)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Bismuth (Bi)	ug/L	ND	4.0	ND	4.0	1686476
Dissolved Boron (B)	ug/L	ND	200	370	200	1686476
Dissolved Cadmium (Cd)	ug/L	ND	0.034	ND	0.034	1686476
Dissolved Chromium (Cr)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Cobalt (Co)	ug/L	4.3	2.0	10	2.0	1686476
Dissolved Copper (Cu)	ug/L	ND	4.0	ND	4.0	1686476
Dissolved Iron (Fe)	ug/L	1100	200	33000	200	1686476
Dissolved Lead (Pb)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Lithium (Li)	ug/L	72	2.0	240	2.0	1686476
Dissolved Manganese (Mn)	ug/L	1100	8.0	2600	8.0	1686476
Dissolved Molybdenum (Mo)	ug/L	ND	8.0	ND	8.0	1686476
Dissolved Nickel (Ni)	ug/L	16	6.0	45	6.0	1686476
Dissolved Phosphorus (P)	ug/L	ND	200	ND	200	1686476
Dissolved Selenium (Se)	ug/L	ND	2.0	48	2.0	1686476
Dissolved Silver (Ag)	ug/L	0.35	0.20	ND	0.20	1686476
Dissolved Strontium (Sr)	ug/L	110000	4.0	260000	4.0	1686476
Dissolved Thallium (Tl)	ug/L	ND	1.6	ND	1.6	1686476
Dissolved Tin (Sn)	ug/L	ND	40	ND	40	1686476
Dissolved Titanium (Ti)	ug/L	ND	6.0	14	6.0	1686476
Dissolved Uranium (U)	ug/L	0.85	0.30	3.9	0.30	1686476
Dissolved Vanadium (V)	ug/L	ND	4.0	ND	4.0	1686476
Dissolved Zinc (Zn)	ug/L	ND	10	ND	10	1686476

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0981
Report Date: 2008/12/05

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BE2839		BE2840		
Sampling Date		2008/11/26		2008/11/26		
COC Number		S 12856		S 12856		
	Units	**SCU25-004-MW**	**RDL**	**SCU25-003-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	310	1	400	2	1687323
Dissolved Magnesium (Mg)	mg/L	ND	0.1	ND	0.1	1687323
Dissolved Potassium (K)	mg/L	13	0.1	12	0.1	1687323
Dissolved Sodium (Na)	mg/L	43	0.1	25	0.1	1687323
Dissolved Sulphur (S)	mg/L	50	0.5	52	0.5	1687323
Dissolved Aluminum (Al)	ug/L	15	5.0	29	5.0	1686476
Dissolved Antimony (Sb)	ug/L	ND	0.40	ND	0.40	1686476
Dissolved Arsenic (As)	ug/L	ND	0.60	ND	0.60	1686476
Dissolved Barium (Ba)	ug/L	290	0.40	620	0.40	1686476
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1686476
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Boron (B)	ug/L	ND	100	ND	100	1686476
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	0.017	1686476
Dissolved Chromium (Cr)	ug/L	1.4	1.0	ND	1.0	1686476
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Copper (Cu)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Iron (Fe)	ug/L	ND	100	140	100	1686476
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Lithium (Li)	ug/L	49	1.0	57	1.0	1686476
Dissolved Manganese (Mn)	ug/L	ND	4.0	ND	4.0	1686476
Dissolved Molybdenum (Mo)	ug/L	7.7	4.0	4.6	4.0	1686476
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1686476
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1686476
Dissolved Selenium (Se)	ug/L	3.1	1.0	4.3	1.0	1686476
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1686476
Dissolved Strontium (Sr)	ug/L	1200	2.0	1600	2.0	1686476
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1686476
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1686476
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1686476
Dissolved Uranium (U)	ug/L	ND	0.15	ND	0.15	1686476
Dissolved Vanadium (V)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	5.0	1686476

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Maxxam Job #: A8E0981
Report Date: 2008/12/05

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYDNEY METAL SCAN DISSOVED LL (WATER)

Maxxam ID		BE2841		BE2842		
Sampling Date		2008/11/26		2008/11/26		
COC Number		S 12856		S 12856		
	Units	**SCU25-002-MWA**	**RDL**	**SCU26-009-MW**	**RDL**	**QC Batch**
Metals						
Dissolved Calcium (Ca)	mg/L	250	1	70	0.1	1687323
Dissolved Magnesium (Mg)	mg/L	ND	0.1	16	0.1	1687323
Dissolved Potassium (K)	mg/L	13	0.1	11	0.1	1687323
Dissolved Sodium (Na)	mg/L	47	0.1	13	0.1	1687323
Dissolved Sulphur (S)	mg/L	52	0.5	43	0.5	1687323
Dissolved Aluminum (Al)	ug/L	71	5.0	12	5.0	1686476
Dissolved Antimony (Sb)	ug/L	ND	0.40	5.2	0.40	1686476
Dissolved Arsenic (As)	ug/L	1.1	0.60	4.7	0.60	1686476
Dissolved Barium (Ba)	ug/L	220	0.40	25	0.40	1686476
Dissolved Beryllium (Be)	ug/L	ND	0.50	ND	0.50	1686476
Dissolved Bismuth (Bi)	ug/L	ND	2.0	ND	2.0	1686476
Dissolved Boron (B)	ug/L	ND	100	110	100	1686476
Dissolved Cadmium (Cd)	ug/L	ND	0.017	ND	0.017	1686476
Dissolved Chromium (Cr)	ug/L	1.5	1.0	7.3	1.0	1686476
Dissolved Cobalt (Co)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Copper (Cu)	ug/L	ND	2.0	4.0	2.0	1686476
Dissolved Iron (Fe)	ug/L	120	100	ND	100	1686476
Dissolved Lead (Pb)	ug/L	ND	1.0	ND	1.0	1686476
Dissolved Lithium (Li)	ug/L	37	1.0	31	1.0	1686476
Dissolved Manganese (Mn)	ug/L	ND	4.0	6.9	4.0	1686476
Dissolved Molybdenum (Mo)	ug/L	9.6	4.0	8.2	4.0	1686476
Dissolved Nickel (Ni)	ug/L	ND	3.0	ND	3.0	1686476
Dissolved Phosphorus (P)	ug/L	ND	100	ND	100	1686476
Dissolved Selenium (Se)	ug/L	3.7	1.0	3.2	1.0	1686476
Dissolved Silver (Ag)	ug/L	ND	0.10	ND	0.10	1686476
Dissolved Strontium (Sr)	ug/L	820	2.0	280	2.0	1686476
Dissolved Thallium (Tl)	ug/L	ND	0.80	ND	0.80	1686476
Dissolved Tin (Sn)	ug/L	ND	20	ND	20	1686476
Dissolved Titanium (Ti)	ug/L	ND	3.0	ND	3.0	1686476
Dissolved Uranium (U)	ug/L	ND	0.15	1.0	0.15	1686476
Dissolved Vanadium (V)	ug/L	4.7	2.0	40	2.0	1686476
Dissolved Zinc (Zn)	ug/L	ND	5.0	ND	5.0	1686476

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SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BE2837	BE2838	BE2839		
Sampling Date		2008/11/26	2008/11/26	2008/11/26		
COC Number		S 12856	S 12856	S 12856		
	Units	**SCU25-005-MWB**	**SCU25-005-MWC**	**SCU25-004-MW**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	ND	ND	ND	0.001	1690106
Toluene	mg/L	ND	ND	ND	0.001	1690106
Ethylbenzene	mg/L	ND	ND	ND	0.001	1690106
Xylene (Total)	mg/L	ND	ND	ND	0.002	1690106
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	0.01	1690106
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	0.2	1690546
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	0.5	1690546
Modified TPH (Tier1)	mg/L	ND	ND	ND	0.5	1684616
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	92	90	94		1690546
n-Dotriacontane - Extractable	%	93	91	96		1690546
Isobutylbenzene - Volatile	%	91	89	90		1690106

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0981
Report Date: 2008/12/05

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SYD/ BED TIER1 (WATER)

Maxxam ID		BE2840	BE2841	BE2842		
Sampling Date		2008/11/26	2008/11/26	2008/11/26		
COC Number		S 12856	S 12856	S 12856		
	Units	**SCU25-003-MW**	**SCU25-002-MWA**	**SCU26-009-MW**	**RDL**	**QC Batch**
Petroleum Hydrocarbons						
Benzene	mg/L	ND	ND	ND	0.001	1690106
Toluene	mg/L	ND	ND	ND	0.001	1690106
Ethylbenzene	mg/L	ND	ND	ND	0.001	1690106
Xylene (Total)	mg/L	ND	ND	ND	0.002	1690106
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	0.01	1690106
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	0.2	1690546
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	0.5	1690546
Modified TPH (Tier1)	mg/L	ND	ND	ND	0.5	1684616
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	90	97	94		1690546
n-Dotriacontane - Extractable	%	92	98	94		1690546
Isobutylbenzene - Volatile	%	90	88	88		1690106

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0981
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SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

MERCURY BY COLD VAPOUR AA (WATER)

Maxxam ID		BE2837	BE2838	BE2839	BE2840		
Sampling Date		2008/11/26	2008/11/26	2008/11/26	2008/11/26		
COC Number		S 12856	S 12856	S 12856	S 12856		
	Units	**SCU25-005-MWB**	**SCU25-005-MWC**	**SCU25-004-MW**	**SCU25-003-MW**	**RDL**	**QC Batch**
Metals							
Total Mercury (Hg)	ug/L	ND	ND	0.05	ND	0.01	1687369

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam ID		BE2841	BE2842		
Sampling Date		2008/11/26	2008/11/26		
COC Number		S 12856	S 12856		
	Units	**SCU25-002-MWA**	**SCU26-009-MW**	**RDL**	**QC Batch**
Metals					
Total Mercury (Hg)	ug/L	ND	0.02	0.01	1687369

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Maxxam Job #: A8E0981
Report Date: 2008/12/05

SLR Consulting (Canada) Ltd
Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BE2837	BE2838	BE2839		
Sampling Date		2008/11/26	2008/11/26	2008/11/26		
COC Number		S 12856	S 12856	S 12856		
	Units	**SCU25-005-MWB**	**SCU25-005-MWC**	**SCU25-004-MW**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	ND	ND	0.30	0.05	1689312
2-Methylnaphthalene	ug/L	ND	ND	0.13	0.05	1689312
Acenaphthene	ug/L	ND	ND	0.08	0.01	1689312
Acenaphthylene	ug/L	ND	ND	0.08	0.01	1689312
Anthracene	ug/L	ND	ND	0.18	0.01	1689312
Benzo(a)anthracene	ug/L	0.01	ND	0.09	0.01	1689312
Benzo(a)pyrene	ug/L	ND	ND	ND	0.01	1689312
Benzo(b)fluoranthene	ug/L	ND	ND	0.01	0.01	1689312
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.01	1689312
Benzo(k)fluoranthene	ug/L	ND	ND	0.02	0.01	1689312
Chrysene	ug/L	ND	ND	0.07	0.01	1689312
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1689312
Fluoranthene	ug/L	ND	ND	0.62	0.01	1689312
Fluorene	ug/L	ND	ND	0.35	0.01	1689312
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	ND	0.01	1689312
Naphthalene	ug/L	ND	ND	0.5	0.2	1689312
Perylene	ug/L	ND	ND	ND	0.01	1689312
Phenanthrene	ug/L	ND	ND	0.52	0.01	1689312
Pyrene	ug/L	ND	ND	0.41	0.01	1689312
Surrogate Recovery (%)						
D10-Anthracene	%	78	81	82		1689312
D14-Terphenyl	%	79	77	78		1689312
D8-Acenaphthylene	%	75	78	77		1689312

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QC Batch = Quality Control Batch

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SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		BE2840	BE2841	BE2842		
Sampling Date		2008/11/26	2008/11/26	2008/11/26		
COC Number		S 12856	S 12856	S 12856		
	Units	**SCU25-003-MW**	**SCU25-002-MWA**	**SCU26-009-MW**	**RDL**	**QC Batch**
Polyaromatic Hydrocarbons						
1-Methylnaphthalene	ug/L	1.0	0.38	ND	0.05	1689312
2-Methylnaphthalene	ug/L	2.5	0.58	ND	0.05	1689312
Acenaphthene	ug/L	0.11	0.30	ND	0.01	1689312
Acenaphthylene	ug/L	0.36	0.16	0.01	0.01	1689312
Anthracene	ug/L	0.38	0.54	0.07	0.01	1689312
Benzo(a)anthracene	ug/L	0.10	0.07	0.12	0.01	1689312
Benzo(a)pyrene	ug/L	0.02	0.01	0.07	0.01	1689312
Benzo(b)fluoranthene	ug/L	0.02	0.02	0.06	0.01	1689312
Benzo(g,h,i)perylene	ug/L	ND	ND	0.02	0.01	1689312
Benzo(k)fluoranthene	ug/L	0.02	0.02	0.08	0.01	1689312
Chrysene	ug/L	0.08	0.06	0.09	0.01	1689312
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.01	1689312
Fluoranthene	ug/L	0.51	0.75	0.29	0.01	1689312
Fluorene	ug/L	0.56	0.59	0.02	0.01	1689312
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.03	0.01	1689312
Naphthalene	ug/L	7.5	3.0	ND	0.2	1689312
Perylene	ug/L	ND	ND	0.02	0.01	1689312
Phenanthrene	ug/L	1.6	2.4	0.09	0.01	1689312
Pyrene	ug/L	0.36	0.52	0.26	0.01	1689312
Surrogate Recovery (%)						
D10-Anthracene	%	87	87	80		1689312
D14-Terphenyl	%	82	78	74		1689312
D8-Acenaphthylene	%	84	83	78		1689312

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Maxxam Job #: A8E0981
Report Date: 2008/12/05

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Client Project #: 210.05479.00
Project name: SYSCO - SYDNEY

GENERAL COMMENTS

Results relate only to the items tested.

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SLR Consulting (Canada) Ltd
Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report

Maxxam Job Number: KA8E0981

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1686476 MBU	MATRIX SPIKE	Dissolved Aluminum (Al)	2008/11/28		95	%	75 - 125
		Dissolved Antimony (Sb)	2008/11/28		112	%	75 - 125
		Dissolved Arsenic (As)	2008/11/28		105	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/28		113	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/28		98	%	75 - 125
		Dissolved Boron (B)	2008/11/28		134 (1)	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/28		115	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/28		103	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/28		108	%	75 - 125
		Dissolved Copper (Cu)	2008/11/28		103	%	75 - 125
		Dissolved Iron (Fe)	2008/11/28		NC	%	75 - 125
		Dissolved Lithium (Li)	2008/11/28		92	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/28		86	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/28		117	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/28		102	%	75 - 125
		Dissolved Phosphorus (P)	2008/11/28		112	%	75 - 125
		Dissolved Selenium (Se)	2008/11/28		111	%	75 - 125
		Dissolved Silver (Ag)	2008/11/28		93	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/28		82	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/28		103	%	75 - 125
		Dissolved Tin (Sn)	2008/11/28		109	%	75 - 125
		Dissolved Titanium (Ti)	2008/11/28		101	%	75 - 125
		Dissolved Uranium (U)	2008/11/28		103	%	75 - 125
		Dissolved Vanadium (V)	2008/11/28		109	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/28		97	%	75 - 125
	QC STANDARD	Dissolved Aluminum (Al)	2008/11/28		117	%	75 - 125
		Dissolved Antimony (Sb)	2008/11/28		120	%	75 - 125
		Dissolved Arsenic (As)	2008/11/28		104	%	75 - 125
		Dissolved Barium (Ba)	2008/11/28		110	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/28		115	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/28		116	%	75 - 125
		Dissolved Boron (B)	2008/11/28		117	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/28		116	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/28		101	%	75 - 125
		Dissolved Cobalt (Co)	2008/11/28		115	%	75 - 125
		Dissolved Copper (Cu)	2008/11/28		110	%	75 - 125
		Dissolved Lead (Pb)	2008/11/28		114	%	75 - 125
		Dissolved Lithium (Li)	2008/11/28		117	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/28		116	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/28		118	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/28		111	%	75 - 125
		Dissolved Selenium (Se)	2008/11/28		90	%	75 - 125
		Dissolved Silver (Ag)	2008/11/28		113	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/28		108	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/28		113	%	75 - 125
		Dissolved Vanadium (V)	2008/11/28		115	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/28		108	%	75 - 125
	Spiked Blank	Dissolved Aluminum (Al)	2008/11/28		100	%	75 - 125
		Dissolved Antimony (Sb)	2008/11/28		110	%	75 - 125
		Dissolved Arsenic (As)	2008/11/28		98	%	75 - 125
		Dissolved Beryllium (Be)	2008/11/28		103	%	75 - 125
		Dissolved Bismuth (Bi)	2008/11/28		97	%	75 - 125
		Dissolved Boron (B)	2008/11/28		104	%	75 - 125
		Dissolved Cadmium (Cd)	2008/11/28		115	%	75 - 125
		Dissolved Chromium (Cr)	2008/11/28		99	%	75 - 125

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Attention: Craig Chandler
Client Project #: 210.05479.00
P.O. #:
Project name: SYSCO - SYDNEY

Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0981

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1686476 MBU	Spiked Blank	Dissolved Cobalt (Co)	2008/11/28		107	%	75 - 125
		Dissolved Copper (Cu)	2008/11/28		103	%	75 - 125
		Dissolved Iron (Fe)	2008/11/28		91	%	75 - 125
		Dissolved Lithium (Li)	2008/11/28		99	%	75 - 125
		Dissolved Manganese (Mn)	2008/11/28		100	%	75 - 125
		Dissolved Molybdenum (Mo)	2008/11/28		113	%	75 - 125
		Dissolved Nickel (Ni)	2008/11/28		105	%	75 - 125
		Dissolved Phosphorus (P)	2008/11/28		106	%	75 - 125
		Dissolved Selenium (Se)	2008/11/28		105	%	75 - 125
		Dissolved Silver (Ag)	2008/11/28		106	%	75 - 125
		Dissolved Strontium (Sr)	2008/11/28		98	%	75 - 125
		Dissolved Thallium (Tl)	2008/11/28		102	%	75 - 125
		Dissolved Tin (Sn)	2008/11/28		110	%	75 - 125
		Dissolved Titanium (Ti)	2008/11/28		100	%	75 - 125
		Dissolved Uranium (U)	2008/11/28		99	%	75 - 125
		Dissolved Vanadium (V)	2008/11/28		106	%	75 - 125
		Dissolved Zinc (Zn)	2008/11/28		98	%	75 - 125
	Method Blank	Dissolved Aluminum (Al)	2008/11/28	ND, RDL=5.0		ug/L	
		Dissolved Antimony (Sb)	2008/11/28	ND, RDL=0.40		ug/L	
		Dissolved Arsenic (As)	2008/11/28	ND, RDL=0.60		ug/L	
		Dissolved Barium (Ba)	2008/11/28	ND, RDL=0.40		ug/L	
		Dissolved Beryllium (Be)	2008/11/28	ND, RDL=0.50		ug/L	
		Dissolved Bismuth (Bi)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Boron (B)	2008/11/28	ND, RDL=100		ug/L	
		Dissolved Cadmium (Cd)	2008/11/28	ND, RDL=0.017		ug/L	
		Dissolved Chromium (Cr)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Cobalt (Co)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Copper (Cu)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Iron (Fe)	2008/11/28	ND, RDL=100		ug/L	
		Dissolved Lead (Pb)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Lithium (Li)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Manganese (Mn)	2008/11/28	ND, RDL=4.0		ug/L	
		Dissolved Molybdenum (Mo)	2008/11/28	ND, RDL=4.0		ug/L	
		Dissolved Nickel (Ni)	2008/11/28	ND, RDL=3.0		ug/L	
		Dissolved Phosphorus (P)	2008/11/28	ND, RDL=100		ug/L	
		Dissolved Selenium (Se)	2008/11/28	ND, RDL=1.0		ug/L	
		Dissolved Silver (Ag)	2008/11/28	ND, RDL=0.10		ug/L	
		Dissolved Strontium (Sr)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Thallium (Tl)	2008/11/28	ND, RDL=0.80		ug/L	
		Dissolved Tin (Sn)	2008/11/28	ND, RDL=20		ug/L	
		Dissolved Titanium (Ti)	2008/11/28	ND, RDL=3.0		ug/L	
		Dissolved Uranium (U)	2008/11/28	ND, RDL=0.15		ug/L	
		Dissolved Vanadium (V)	2008/11/28	ND, RDL=2.0		ug/L	
		Dissolved Zinc (Zn)	2008/11/28	ND, RDL=5.0		ug/L	
	RPD	Dissolved Aluminum (Al)	2008/11/28	4.2		%	25
		Dissolved Antimony (Sb)	2008/11/28	NC		%	25
		Dissolved Arsenic (As)	2008/11/28	NC		%	25
		Dissolved Barium (Ba)	2008/11/28	1.4		%	25
		Dissolved Beryllium (Be)	2008/11/28	NC		%	25
		Dissolved Bismuth (Bi)	2008/11/28	NC		%	25
		Dissolved Boron (B)	2008/11/28	NC		%	25
		Dissolved Cadmium (Cd)	2008/11/28	NC		%	25
		Dissolved Chromium (Cr)	2008/11/28	NC		%	25
		Dissolved Cobalt (Co)	2008/11/28	4.8		%	25
		Dissolved Copper (Cu)	2008/11/28	NC		%	25

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0981

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1686476 MBU	RPD	Dissolved Iron (Fe)	2008/11/28	2.6		%	25
		Dissolved Lead (Pb)	2008/11/28	NC		%	25
		Dissolved Lithium (Li)	2008/11/28	5.6		%	25
		Dissolved Manganese (Mn)	2008/11/28	3.7		%	25
		Dissolved Molybdenum (Mo)	2008/11/28	NC		%	25
		Dissolved Nickel (Ni)	2008/11/28	NC		%	25
		Dissolved Phosphorus (P)	2008/11/28	NC		%	25
		Dissolved Selenium (Se)	2008/11/28	NC		%	25
		Dissolved Silver (Ag)	2008/11/28	NC		%	25
		Dissolved Strontium (Sr)	2008/11/28	3.0		%	25
		Dissolved Thallium (Tl)	2008/11/28	NC		%	25
		Dissolved Tin (Sn)	2008/11/28	NC		%	25
		Dissolved Titanium (Ti)	2008/11/28	NC		%	25
		Dissolved Uranium (U)	2008/11/28	NC		%	25
		Dissolved Vanadium (V)	2008/11/28	NC		%	25
		Dissolved Zinc (Zn)	2008/11/28	4.2		%	25
1687322 JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/12/03		82	%	70 - 130
		Dissolved Magnesium (Mg)	2008/12/03		107	%	70 - 130
		Dissolved Potassium (K)	2008/12/03		107	%	70 - 130
		Dissolved Sodium (Na)	2008/12/03		112	%	70 - 130
		Dissolved Sulphur (S)	2008/12/03		102	%	70 - 130
	Spiked Blank	Dissolved Calcium (Ca)	2008/12/03		121	%	70 - 130
		Dissolved Magnesium (Mg)	2008/12/03		113	%	70 - 130
		Dissolved Potassium (K)	2008/12/03		112	%	70 - 130
		Dissolved Sodium (Na)	2008/12/03		120	%	70 - 130
		Dissolved Sulphur (S)	2008/12/03		111	%	70 - 130
	Method Blank	Dissolved Calcium (Ca)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Magnesium (Mg)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Potassium (K)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Sodium (Na)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Sulphur (S)	2008/12/03	ND, RDL=0.5		mg/L	
	RPD	Dissolved Calcium (Ca)	2008/12/03	7.5		%	30
		Dissolved Magnesium (Mg)	2008/12/03	0.5		%	30
		Dissolved Potassium (K)	2008/12/03	13.0		%	30
		Dissolved Sodium (Na)	2008/12/03	4.4		%	30
		Dissolved Sulphur (S)	2008/12/03	NC		%	N/A
1687323 JHO	MATRIX SPIKE	Dissolved Calcium (Ca)	2008/12/03		NC	%	70 - 130
		Dissolved Magnesium (Mg)	2008/12/03		102	%	70 - 130
		Dissolved Potassium (K)	2008/12/03		116	%	70 - 130
		Dissolved Sodium (Na)	2008/12/03		83	%	70 - 130
		Dissolved Sulphur (S)	2008/12/03		NC	%	70 - 130
	Spiked Blank	Dissolved Calcium (Ca)	2008/12/03		111	%	70 - 130
		Dissolved Magnesium (Mg)	2008/12/03		118	%	70 - 130
		Dissolved Potassium (K)	2008/12/03		102	%	70 - 130
		Dissolved Sodium (Na)	2008/12/03		116	%	70 - 130
		Dissolved Sulphur (S)	2008/12/03		103	%	70 - 130
	Method Blank	Dissolved Calcium (Ca)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Magnesium (Mg)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Potassium (K)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Sodium (Na)	2008/12/03	ND, RDL=0.1		mg/L	
		Dissolved Sulphur (S)	2008/12/03	ND, RDL=0.5		mg/L	
	RPD	Dissolved Calcium (Ca)	2008/12/03	4.1		%	30
		Dissolved Magnesium (Mg)	2008/12/03	4.3		%	30
		Dissolved Potassium (K)	2008/12/03	1.3		%	30
		Dissolved Sodium (Na)	2008/12/03	6.7		%	30

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0981

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1687323	JHO	RPD	Dissolved Sulphur (S)	2008/12/03	3.4		%	N/A
1687369	JHO	QC STANDARD	Total Mercury (Hg)	2008/11/29		111	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2008/11/29		94	%	80 - 120
		Method Blank	Total Mercury (Hg)	2008/11/29	ND, RDL=0.01		ug/L	
		RPD [BE2837-01]	Total Mercury (Hg)	2008/11/29	NC		%	25
1689312	TML	MATRIX SPIKE	D10-Anthracene	2008/12/03		87	%	30 - 130
			D14-Terphenyl	2008/12/03		84	%	30 - 130
			D8-Acenaphthylene	2008/12/03		79	%	30 - 130
			1-Methylnaphthalene	2008/12/03		108	%	50 - 130
			2-Methylnaphthalene	2008/12/03		117	%	50 - 130
			Acenaphthene	2008/12/03		75	%	50 - 130
			Acenaphthylene	2008/12/03		78	%	50 - 130
			Anthracene	2008/12/03		116	%	50 - 130
			Benzo(a)anthracene	2008/12/03		73	%	50 - 130
			Benzo(a)pyrene	2008/12/03		75	%	50 - 130
			Benzo(b)fluoranthene	2008/12/03		77	%	50 - 130
			Benzo(g,h,i)perylene	2008/12/03		75	%	50 - 130
			Benzo(k)fluoranthene	2008/12/03		82	%	50 - 130
			Chrysene	2008/12/03		82	%	50 - 130
			Dibenz(a,h)anthracene	2008/12/03		72	%	50 - 130
			Fluoranthene	2008/12/03		115	%	50 - 130
			Fluorene	2008/12/03		103	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/12/03		73	%	50 - 130
			Naphthalene	2008/12/03		77	%	50 - 130
			Perylene	2008/12/03		76	%	50 - 130
			Phenanthrene	2008/12/03		70	%	50 - 130
			Pyrene	2008/12/03		107	%	50 - 130
		Spiked Blank	D10-Anthracene	2008/12/03		88	%	30 - 130
			D14-Terphenyl	2008/12/03		93	%	30 - 130
			D8-Acenaphthylene	2008/12/03		90	%	30 - 130
			1-Methylnaphthalene	2008/12/03		84	%	50 - 130
			2-Methylnaphthalene	2008/12/03		81	%	50 - 130
			Acenaphthene	2008/12/03		76	%	50 - 130
			Acenaphthylene	2008/12/03		78	%	50 - 130
			Anthracene	2008/12/03		79	%	50 - 130
			Benzo(a)anthracene	2008/12/03		75	%	50 - 130
			Benzo(a)pyrene	2008/12/03		75	%	50 - 130
			Benzo(b)fluoranthene	2008/12/03		78	%	50 - 130
			Benzo(g,h,i)perylene	2008/12/03		76	%	50 - 130
			Benzo(k)fluoranthene	2008/12/03		82	%	50 - 130
			Chrysene	2008/12/03		83	%	50 - 130
			Dibenz(a,h)anthracene	2008/12/03		73	%	50 - 130
			Fluoranthene	2008/12/03		77	%	50 - 130
			Fluorene	2008/12/03		72	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2008/12/03		70	%	50 - 130
			Naphthalene	2008/12/03		79	%	50 - 130
			Perylene	2008/12/03		75	%	50 - 130
			Phenanthrene	2008/12/03		75	%	50 - 130
			Pyrene	2008/12/03		80	%	50 - 130
		Method Blank	D10-Anthracene	2008/12/03		87	%	30 - 130
			D14-Terphenyl	2008/12/03		82	%	30 - 130
			D8-Acenaphthylene	2008/12/03		85	%	30 - 130
			1-Methylnaphthalene	2008/12/03	ND, RDL=0.05		ug/L	
			2-Methylnaphthalene	2008/12/03	ND, RDL=0.05		ug/L	
			Acenaphthene	2008/12/03	ND, RDL=0.01		ug/L	

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Quality Assurance Report (Continued)

Maxxam Job Number: KA8E0981

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1689312	TML	Method Blank	Acenaphthylene	2008/12/03	ND, RDL=0.01		ug/L	
			Anthracene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(a)anthracene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(a)pyrene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(b)fluoranthene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(g,h,i)perylene	2008/12/03	ND, RDL=0.01		ug/L	
			Benzo(k)fluoranthene	2008/12/03	ND, RDL=0.01		ug/L	
			Chrysene	2008/12/03	ND, RDL=0.01		ug/L	
			Dibenz(a,h)anthracene	2008/12/03	ND, RDL=0.01		ug/L	
			Fluoranthene	2008/12/03	ND, RDL=0.01		ug/L	
			Fluorene	2008/12/03	ND, RDL=0.01		ug/L	
			Indeno(1,2,3-cd)pyrene	2008/12/03	ND, RDL=0.01		ug/L	
			Naphthalene	2008/12/03	ND, RDL=0.2		ug/L	
			Perylene	2008/12/03	ND, RDL=0.01		ug/L	
			Phenanthrene	2008/12/03	ND, RDL=0.01		ug/L	
			Pyrene	2008/12/03	ND, RDL=0.01		ug/L	
		RPD	1-Methylnaphthalene	2008/12/03	5.2		%	40
			2-Methylnaphthalene	2008/12/03	3.6		%	40
			Acenaphthene	2008/12/03	3.8		%	40
			Acenaphthylene	2008/12/03	5.0		%	40
			Anthracene	2008/12/03	3.7		%	40
			Benzo(a)anthracene	2008/12/03	0		%	40
			Benzo(a)pyrene	2008/12/03	NC		%	40
			Benzo(b)fluoranthene	2008/12/03	NC		%	40
			Benzo(g,h,i)perylene	2008/12/03	NC		%	40
			Benzo(k)fluoranthene	2008/12/03	NC		%	40
			Chrysene	2008/12/03	0		%	40
			Dibenz(a,h)anthracene	2008/12/03	NC		%	40
			Fluoranthene	2008/12/03	3.6		%	40
			Fluorene	2008/12/03	2.0		%	40
			Indeno(1,2,3-cd)pyrene	2008/12/03	NC		%	40
			Naphthalene	2008/12/03	5.2		%	40
			Perylene	2008/12/03	NC		%	40
			Phenanthrene	2008/12/03	2.1		%	40
			Pyrene	2008/12/03	2.8		%	40
1690106	GTH	MATRIX SPIKE						
		[BE2838-01]	Isobutylbenzene - Volatile	2008/12/04		89	%	70 - 130
			Benzene	2008/12/04		100	%	70 - 130
			Toluene	2008/12/04		100	%	70 - 130
			Ethylbenzene	2008/12/04		100	%	70 - 130
			Xylene (Total)	2008/12/04		103	%	70 - 130
		Spiked Blank	Isobutylbenzene - Volatile	2008/12/04		90	%	70 - 130
			Benzene	2008/12/04		83	%	70 - 130
			Toluene	2008/12/04		87	%	70 - 130
			Ethylbenzene	2008/12/04		88	%	70 - 130
			Xylene (Total)	2008/12/04		90	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2008/12/04		92	%	70 - 130
			Benzene	2008/12/04	ND, RDL=0.001		mg/L	
			Toluene	2008/12/04	ND, RDL=0.001		mg/L	
			Ethylbenzene	2008/12/04	ND, RDL=0.001		mg/L	
			Xylene (Total)	2008/12/04	ND, RDL=0.002		mg/L	
			C6 - C10 (less BTEX)	2008/12/04	ND, RDL=0.01		mg/L	
		RPD [BE2837-01]	Benzene	2008/12/04	NC		%	40
			Toluene	2008/12/04	NC		%	40
			Ethylbenzene	2008/12/04	NC		%	40

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QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
1690106	GTH	RPD [BE2837-01]	Xylene (Total)	2008/12/04	NC		%	40
			C6 - C10 (less BTEX)	2008/12/04	NC		%	40
1690546	JLY	MATRIX SPIKE	Isobutylbenzene - Extractable	2008/12/04		89	%	30 - 130
			n-Dotriacontane - Extractable	2008/12/04		90	%	30 - 130
			>C10-C21 Hydrocarbons	2008/12/04		100	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/12/04		70	%	50 - 120
		Spiked Blank	Isobutylbenzene - Extractable	2008/12/04		93	%	30 - 130
			n-Dotriacontane - Extractable	2008/12/04		93	%	30 - 130
			>C10-C21 Hydrocarbons	2008/12/04		103	%	70 - 130
			>C21-<C32 Hydrocarbons	2008/12/04		74	%	50 - 120
		Method Blank	Isobutylbenzene - Extractable	2008/12/04		100	%	30 - 130
			n-Dotriacontane - Extractable	2008/12/04		100	%	30 - 130
			>C10-C21 Hydrocarbons	2008/12/04	ND, RDL=0.16		mg/L	
			>C21-<C32 Hydrocarbons	2008/12/04	ND, RDL=0.51		mg/L	
		RPD	>C10-C21 Hydrocarbons	2008/12/04	NC		%	40
			>C21-<C32 Hydrocarbons	2008/12/04	NC		%	40

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample
(1) Matrix Spike:<10% of compounds in multi-component analysis in violation.

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Validation Signature Page

Maxxam Job #: A8E0981

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

ALAN STEWART, Project Manager

MICHELLE MOMBOURQUETTE, Laboratory Manager

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

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