



Stantec

Stantec Consulting Ltd
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September 28, 2011
File: 121410955.225

Sydney Tar Ponds Agency
1 Inglis Street
PO Box 1028, Stn. A
Sydney, NS B1P 6J7

Attention: Ms. Diane Ingraham, PhD., PMP, Quality Contracts Manager

Dear Ms. Ingraham:

**Reference: STPA Project Element TP6A – Flow Diversion
Independent Quality Assurance (IQAC) August 2011 Monthly Summary Report**

At the request of Sydney Tar Ponds Agency (STPA), Stantec Consulting Ltd (Stantec) has completed the following quality assurance inspection/testing services and meetings in accordance with project requirements at the above mentioned site between August 1 and August 31, 2011:

- Project Item PM-01: Five daily field reports.
- Project Item PM-02: One monthly QA report (August 2011) completed in the month of September 2011.
- Project Item PM-04: Two site meetings were attended in the month of August 2011.
- Project Item PM-05: Other meetings and frequent opinions were provided in the month of August 2011.
- Project Item PM-19: Review of and data entry into TP6A June 2011 QC/QA testing summary tables.
- Project Item QCP-02: Submittal reviews (Contractor's August 2011 QC report including daily/test reports).
- Project Item ENV-T-01: One noise monitoring event. Noise levels were within the specified limits.
- Project Item ENV-T-02: Ten surface water (turbidity) sampling events. All measurements recorded were within the acceptable range.

We trust this information meets your present requirements. If you have any questions, please do not hesitate to contact us.



Sincerely,

STANTEC CONSULTING LTD

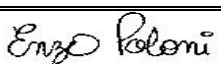

Rabi Morelly, M.Sc., P.Eng.
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Willie McNeil, B.Tech. (Env.), CET
Project Manager
willie.mcneil@stantec.com



**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	August 4, 2011	IQAC On-Site Rep:	Enzo Poloni
Relevant Project Specification(s)	Environmental Quality Assurance	Relevant Project Specification(s) No.	QA-EPP Project No. 121410955.225
IQAC Item No(s) / Descriptions	ENV-T-02	Time On-Site:	0720
Weather:	Overcast, 13°C		
Area Tested/Inspected:	TP6A Narrows East/West North Pond		
Inspection / Testing Summary			
<p>Stantec arrived on site at 07:20am for turbidity sampling at the Narrows. Met Amy Campbell from exp. at 07:25am. She noted that she and the labourers just grabbed the samples as she forgot about my scheduling and the laborers were on the way back to resample. Narrows was very low-tide. QC noted no major activities onsite expect for pump deficiencies. Off site at 07:52am.</p> <p>Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0534 511 3135	West Side	1.60
2	460 0545 511 3168	East Side	1.73
<p>As stated in the Environmental Protection Plan – <i>“The upper level criteria defined as a reportable event for turbidity will be 110% of background, when background (upstream sample location) is greater than or equal to 80 Nephelometric Turbidity Units (NTU). When background is less than 80NTU, a reportable event will be greater than an increase of 8NTU above background”</i></p> <p>It has been reported to QA, that a background level of 7.39NTU is acceptable to use on element TP6A. As such, a reportable event would be a concentration downstream greater than 15.39 NTU.</p> <p><i>Turbidity values recorded above are within acceptable levels.</i></p>			
IQAC Review and Acceptance			
IQAC On-Site Rep (Sign/Print/Date):	 /Enzo Poloni, B.Tech. (Env)	IQAC Management Review (Sign/Print/Date):	 /Tanya MacDonald, B.Tech.(Env), ASCT
	August 4, 2011		August 5, 2011



**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	August 10, 2011	IQAC On-Site Rep:	Enzo Poloni
Relevant Project Specification(s)	Environmental Quality Assurance	Relevant Project Specification(s) No.	QA-EPP Project No. 121410955.225
IQAC Item No(s) / Descriptions	ENV-T-02	Time On-Site:	1120
Weather:	Overcast, 13°C		
Area Tested/Inspected:	TP6A Flow Diversion		
Inspection / Testing Summary			
<p>Stantec arrived on site at 11:20am for turbidity sampling at the Narrows. Met contractor/QC onsite at 11:25am and sampling began immediately. Tide was noted as extremely low. Contractor/QC noted of no major activities on site.</p> <p>Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0530 511 3105	West Side	2.53
2	460 0546 511 3159	East Side	2.77
<p>As stated in the Environmental Protection Plan – <i>“The upper level criteria defined as a reportable event for turbidity will be 110% of background, when background (upstream sample location) is greater than or equal to 80 Nephelometric Turbidity Units (NTU). When background is less than 80NTU, a reportable event will be greater than an increase of 8NTU above background”</i></p> <p>It has been reported to QA, that a background level of 7.39NTU is acceptable to use on element TP6A. As such, a reportable event would be a concentration downstream greater than 15.39 NTU.</p> <p><i>Turbidity values recorded above are within acceptable levels.</i></p>			
IQAC Review and Acceptance			
IQAC On-Site Rep (Sign/Print/Date):	 /Enzo Poloni, B.Tech. (Env)	IQAC Management Review (Sign/Print/Date):	 /Tanya MacDonald, B.Tech.(Env), ASCT
	August 10, 2011		August 11, 2011



**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	August 17, 2011	IQAC On-Site Rep:	Enzo Poloni
Relevant Project Specification(s)	Environmental Quality Assurance	Relevant Project Specification(s) No.	QA-EPP Project No. 121410955.225
IQAC Item No(s) / Descriptions	ENV-T-02	Time On-Site:	1110
Weather:	Overcast, 16°C		
Area Tested/Inspected:	TP6A Narrows East/West North Pond		
Inspection / Testing Summary			
Stantec arrived on site at 11:12am for turbidity sampling at the Narrows. Sampling began immediately upon meeting Joel and laborers, finished by 11:25am. Off site at 11:25am. Samples analyzed at Stantec lab.			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0548 511 3120	West Side	2.79
2	460 0560 511 3153	East Side	2.55
<p>As stated in the Environmental Protection Plan – <i>“The upper level criteria defined as a reportable event for turbidity will be 110% of background, when background (upstream sample location) is greater than or equal to 80 Nephelometric Turbidity Units (NTU). When background is less than 80NTU, a reportable event will be greater than an increase of 8NTU above background”</i></p> <p>It has been reported to QA, that a background level of 7.39NTU is acceptable to use on element TP6A. As such, a reportable event would be a concentration downstream greater than 15.39 NTU.</p> <p><i>Turbidity values recorded above are within acceptable levels.</i></p>			
IQAC Review and Acceptance			
IQAC On-Site Rep (Sign/Print/Date):	 /Enzo Poloni, B.Tech. (Env)	IQAC Management Review (Sign/Print/Date):	 /Tanya MacDonald, B.Tech.(Env), ASCT
	August 17, 2011		August 18, 2011

**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	August 24, 2011	IQAC On-Site Rep:	Enzo Poloni
Relevant Project Specification(s)	Environmental Quality Assurance	Relevant Project Specification(s) No.	QA-EPP Project No. 121410955.225
IQAC Item No(s) / Descriptions	ENV-T-02	Time On-Site:	1120
Weather:	Sunny, 18°C		
Area Tested/Inspected:	TP6A – North Pond East/West		
Inspection / Testing Summary			
<p>Stantec arrived on site at 11:20am for turbidity sampling at the Narrows. Met with Joel MacLeod and 2 laborers. Sampling began immediately. The narrows were noted as low tide and QC/Contractor reported no activities on site.</p> <p>Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0543 511 3123	West Side	4.50
2	460 0566 511 3163	East Side	5.02
<p>As stated in the Environmental Protection Plan – <i>“The upper level criteria defined as a reportable event for turbidity will be 110% of background, when background (upstream sample location) is greater than or equal to 80 Nephelometric Turbidity Units (NTU). When background is less than 80NTU, a reportable event will be greater than an increase of 8NTU above background”</i></p> <p>It has been reported to QA, that a background level of 7.39NTU is acceptable to use on element TP6A. As such, a reportable event would be a concentration downstream greater than 15.39 NTU.</p> <p><i>Turbidity values recorded above are within acceptable levels.</i></p>			
IQAC Review and Acceptance			
IQAC On-Site Rep (Sign/Print/Date):	 /Enzo Poloni, B.Tech. (Env)	IQAC Management Review (Sign/Print/Date):	 /Tanya MacDonald, B.Tech.(Env), ASCT
	August 24, 2011		August 25, 2011

**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	August 31, 2011	IQAC On-Site Rep:	Enzo Poloni
Relevant Project Specification(s)	Environmental Quality Assurance	Relevant Project Specification(s) No.	QA-EPP Project No. 121410955.225
IQAC Item No(s) / Descriptions	ENV-T-02	Time On-Site:	1130
Weather:	Sunny, 18°C		
Area Tested/Inspected:	TP6A – North Pond East/West		
Inspection / Testing Summary			
<p>Stantec arrived on site at 11:30am for turbidity sampling at the Narrows. Met with Joel, Curt and 2 laborers and a new employee. Sampling began immediately noting a moderate tide level. QC/Contractor noted cleaning of silt curtains as site activities.</p> <p>Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0544 511 3121	West Side	2.29
2	460 0562 511 3157	East Side	2.45
<p>As stated in the Environmental Protection Plan – <i>“The upper level criteria defined as a reportable event for turbidity will be 110% of background, when background (upstream sample location) is greater than or equal to 80 Nephelometric Turbidity Units (NTU). When background is less than 80NTU, a reportable event will be greater than an increase of 8NTU above background”</i></p> <p>It has been reported to QA, that a background level of 7.39NTU is acceptable to use on element TP6A. As such, a reportable event would be a concentration downstream greater than 15.39 NTU.</p> <p><i>Turbidity values recorded above are within acceptable levels.</i></p>			
IQAC Review and Acceptance			
IQAC On-Site Rep (Sign/Print/Date):	 /Enzo Poloni, B.Tech. (Env)	IQAC Management Review (Sign/Print/Date):	 /Tanya MacDonald, B.Tech.(Env), ASCT
	August 31, 2011		September 1, 2011

Monthly Noise QA Testing Summary Table

Contractor:	MBJV	Client:	STPA	Form Number:	TP6A Noise August 2011
Element:	TP6A	Oversight:	AECOM/CBCL	Project:	Remediation of the Tar Ponds and Coke Ovens Sites
Month:	AUGUST 2011	IQAC:	Stantec		

SPECIFIED REQUIREMENTS					RESULTS							NOTES
Spec Section	Spec Description	Test Type	Standard	QA Frequency	Date Collected	Criteria	QA Sample ID	Sample Location GPS Coordinates NAD 83	QA Test Result	QA Pass/Fail	QA Frequency Met? Y/N	QA
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	24-Aug-11	<65 dBA	TP6B-08-24-2044-0822-1025	460 1242 511 2829	54.8dBA	Pass	Y	Sample location: McNally site trailer. Traffic onto site/TP2
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	24-Aug-11	<65 dBA	TP6B-08-24-2011-1040-1249	460 1598 511 2474	57.1dBA	Pass	Y	Sample location: Coke Oven Brook Pump Area. East side pumps running at time of monitoring.
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	24-Aug-11	<65 dBA	TP6B-08-24-2011-0301-1514	460 0693 511 3034	54.6dBA	Pass	Y	Sample location: Narrows North Pond (West-Side). Narrows inactive. Dumptrucks transiting materials.

Activities onsite at the time of the sampling events include pump and environmental control maintenance.



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Stantec

October 3, 2011
 File: 121410955.225

Sydney Tar Ponds Agency
 1 Inglis Street
 PO Box 1028, Stn. A
 Sydney, NS B1P 6J7

Attention: Ms. Diane Ingraham, Ph.D., PMP, Quality Contract Manager

Dear: Ms. Ingraham

**Reference: Environmental Quality Assurance of Quality Control Program
 Element TP6A, Sydney Tar Ponds Project, Sydney, NS
 Review of Contractor's August 2011 Quality Control (QC) Report**

At the request of the Sydney Tar Ponds Agency (STPA), Stantec Consulting Limited (Stantec) acting as the project Independent Quality Assurance Consultant (IQAC) has completed a Quality Assurance Review of the Contractor's, MB2/Beaver Marine Joint Venture (MBJV) and their quality control consultant (Exp Services Inc. (exp)), Monthly Quality Control (QC) Report for the month of August 2011 for project element TP6A.

Comments are prepared using a three tier system as requested by the STPA:

- Level 1 - Critical comments which need to be addressed promptly. The IQAC requests responses on any critical comments within one week
- Level 2 - Comments for which a response is required. All comments for which a response is required should be responded to in the form of a written response or by providing the necessary information as requested.
- Level 3 - Comments that would improve the quality of the work but for which the agency need not respond to.

Based on our review of the QC information provided from the referenced period, the IQAC offers the following comment for your consideration:

ENVIRONMENTAL INSPECTIONS/TESTING

Level 3	<p><u>Environmental Inspection Logs (EILs) and Quality Control (QC) and Quality Assurance (QA) Environmental Testing Summary Table</u></p> <p>Discrepancies between surface water results presented in the table and EILs.</p> <ul style="list-style-type: none"> - August 1, 2011 EIL (7:10) is missing from Appendix E – Environmental. The surface water results presented in the QC and QA Environmental Testing Table for the 07:30 event on August 1 are the results presented provided on the 11:10 EIL - August 16 (07:10) presents a result of 5.4 NTU for the East Side and the Summary Table presents a result of 5.3 NTU. - August 20 (07:10 and 11:00) surface water results in the table are not the same as those presented on the EILs
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October 3, 2011

Ms. Diane Ingraham, Ph.D., PMP, Quality Contract Manager

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**Reference: Environmental Quality Assurance of Quality Control Program
Element TP6A, Sydney Tar Ponds Project, Sydney, NS
Review of Contractor's August 2011 Quality Control (QC) Report**

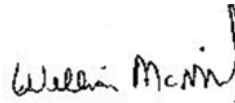
This report covers the quality control aspects for the environmental inspection/testing portions of the project. We trust this information meets your present needs. If you have any questions, or if we can be of further assistance, please do not hesitate to contact us at your convenience.

Sincerely,

STANTEC CONSULTING LTD



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Environmental Manager
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Willie McNeil, B.Tech.(Env)., CET Manager,
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Stantec Consulting Ltd.
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Stantec

September 27, 2011
File: 121410955.225

Sydney Tar Ponds Agency
1 Inglis Street
PO Box 1028, Stn. A
Sydney, NS B1P 6J7

Attention: Ms. Diane Ingraham, Ph.D., PMP, Quality Contract Manager

Dear Ms. Ingraham:

**Reference: Materials and Geotechnical Quality Assurance of Quality Control Program
Element TP6A, Sydney Tar Ponds Project, Sydney, NS
Review of Contractor's August 2011 Quality Control (QC) Report**

At the request of the Sydney Tar Ponds Agency (STPA), Stantec Consulting Ltd (Stantec), acting as the project Independent Quality Assurance Consultant (IQAC), has completed a Quality Assurance Review of the Contractor's (MB2/Beaver Joint Venture (MBJV) and their quality control consultant (exp Services Inc. (exp)) Monthly Quality Control (QC) Report for the month of August 2011 for project Element TP6A.

Comments are prepared using a three tier system as requested by the STPA:

Level 1 - Critical comments which need to be addressed promptly. The IQAC requests responses on any critical comments within one week.

Level 2 - Comments for which a response is required. All comments for which a response is required should be responded to in the form of a written response or by providing the necessary information as requested.

Level 3 - Comments that would improve the quality of the work but for which the agency need not respond to.

Based on our review of the QC information provided from the referenced period, the IQAC offers the following comments for your considerations:

SOILS/CONCRETE/MATERIALS TESTING

Level 2	Concrete delivery records/tickets for October, November and December 2009 and March, May, June, July and September 2010 placements are still not provided in this monthly report.
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September 27, 2011

Ms. Diane Ingraham, Ph.D., PMP, Quality Contract Manager

Page 2 of 2

**Reference: Materials and Geotechnical Quality Assurance of Quality Control Program
Element TP6A, Sydney Tar Ponds Project, Sydney, NS
Review of Contractor's August 2011 Quality Control (QC) Report**

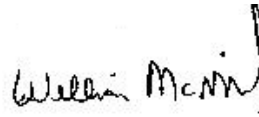
This report covers the quality control aspects for both the geotechnical and concrete/materials portions of the project. We trust this information meets your present needs. If you have any questions, or if we can be of further assistance, please do not hesitate to contact us at your convenience.

Sincerely,

STANTEC CONSULTING LTD



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Quality Control (QC) and Quality Assurance (QA) Testing Summary Table

- Weekly
 Monthly

From: 31-Jul-11 To: 27-Aug-11

Contractor:	MBJV	Client:	STPA	Form Number:	97918-QAF-059
Element:	TP-6A	Oversight:	AECOM/CBCL	Project:	Remediation of the Tar Ponds and Coke Ovens Sites
		IQAC:	Stantec		

SPECIFIED REQUIREMENTS						RESULTS												NOTES	
Spec Section	Spec Description	Test Type	Standard	QC Frequency	QA Frequency	Date Collected	QC Sample ID	Criteria	Date QC Result Received	QC Test Result	QC Pass/Fail	QC Frequency Met? Y/N	QA Sample ID	Date QA Result Received	QA Test Result	QA Pass/Fail	QA Frequency Met? Y/N	QC	QA
Week 1																			
No Testing Conducted this Week																			
Week 2																			
No Testing Conducted this Week																			
Week 3																			
No Testing Conducted this Week																			
Week 4																			
No Testing Conducted this Week																			

Quality Control (QC) and Quality Assurance (QA) Environmental Testing Summary Table

- Weekly
 Monthly

From: 2011-07-31 To: 2011-08-27

Contractor:	MBJV	Client:	STPA	Form Number: 97918-QAF-073
Element:	TP6A	Oversight:	AECOM/CBCL	Project: Remediation of the Tar Ponds and Coke Ovens Sites
		IQAC:	Stantec	

Note: This summary table shall be submitted with the Contractor's Monthly QC Report only after all revisions are made to the data here contained based on any DE Environmental comments of the information submitted weekly.

SPECIFIED REQUIREMENTS						RESULTS										NOTES			
Spec Section	Spec Description	Test Type	Standard	QC Frequency	QA Frequency	Date Collected	QC Sample ID	Criteria	Date QC Result Received	QC Test Result	QC Pass/Fail	QC Frequency Met? Y/N	QA Sample ID	Date QA Result Received	QA Test Result	QA Pass/Fail	QA Frequency Met? Y/N	QC	QA
Week 1																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-07-31	TP6A-97919-Narrows E-0730-2011-07-31 TP6A-97919-Narrows W-0730-2011-07-31	As per EPP	2011-07-31	12.6 NTU 13.9 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-07-31	TP6A-97919-Narrows E-1130-2011-07-31 TP6A-97919-Narrows W-1130-2011-07-31	As per EPP	2011-07-31	10.8 NTU 10.6 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-01	TP6A-97919-Narrows E-0730-2011-08-01 TP6A-97919-Narrows W-0730-2011-08-01	As per EPP	2011-08-01	3.4 NTU 4.9 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-01	TP6A-97919-Narrows E-1130-2011-08-01 TP6A-97919-Narrows W-1130-2011-08-01	As per EPP	2011-08-01	3.7 NTU 3.6 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-02	TP6A-97919-Narrows E-0730-2011-08-02 TP6A-97919-Narrows W-0730-2011-08-02	As per EPP	2011-08-02	3.8 NTU 2.6 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly		2011-08-02	TP6A-97919-Site Trailer-2011-08-02 TP6A-97919-COB -2011-08-02 TP6A-97919-Narrows-2011-08-02	CBRM noise by-law and NSE criteria	2011-08-02	57.4 L _{eq} (dBA) 56.1 L _{eq} (dBA) 60.1 L _{eq} (dBA)	Pass Pass Pass	Y						Samples collected as per EPP. A minimum of 2hr sample duration in three locations along the perimeter. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-02	TP6A-97919-Narrows E-1130-2011-08-02 TP6A-97919-Narrows W-1130-2011-08-02	As per EPP	2011-08-02	3.5 NTU 3.6 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-03	TP6A-97919-Narrows E-0730-2011-08-03 TP6A-97919-Narrows W-0730-2011-08-03	As per EPP	2011-08-03	2.0 NTU 3.0 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-03	TP6A-97919-Narrows E-1130-2011-08-03 TP6A-97919-Narrows W-1130-2011-08-03	As per EPP	2011-08-03	2.8 NTU 2.0 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-03	TP6A-97919-Narrows E-1500-2011-08-03 TP6A-97919-Narrows W-1500-2011-08-03	As per EPP	2011-08-03	2.2 NTU 2.1 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours	Once Weekly	2011-08-04	TP6A-97919-Narrows E-0730-2011-08-04 TP6A-97919-Narrows W-0730-2011-08-04	As per EPP	2011-08-04	2.4 NTU 8.7 NTU	Pass	Y	TP6A-08-04-2011-East TP6A-08-04-2011-West	4-Aug-11	1.73 NTU 1.60 NTU	Pass Pass	Yes	Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	Samples were collected in accordance with the EPP. Please refer to the weekly IQAC Site Testing Summary for further details.
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-04	TP6A-97919-Narrows E-1130-2011-08-04 TP6A-97919-Narrows W-1130-2011-08-04	As per EPP	2011-08-04	1.8 NTU 2.4 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-05	TP6A-97919-Narrows E-0730-2011-08-05 TP6A-97919-Narrows W-0730-2011-08-05	As per EPP	2011-08-05	3.0 NTU 7.9 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-05	TP6A-97919-Narrows E-1130-2011-08-05 TP6A-97919-Narrows W-1130-2011-08-05	As per EPP	2011-08-05	2.7 NTU 2.1 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-06	TP6A-97919-Narrows E-0730-2011-08-06 TP6A-97919-Narrows W-0730-2011-08-06	As per EPP	2011-08-06	2.8 NTU 4.0 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-06	TP6A-97919-Narrows E-1130-2011-08-06 TP6A-97919-Narrows W-1130-2011-08-06	As per EPP	2011-08-06	3.4 NTU 2.8 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
Week 2																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-07	TP6A-97919-Narrows E-0730-2011-08-07 TP6A-97919-Narrows W-0730-2011-08-07	As per EPP	2011-08-07	2.4 NTU 2.6 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-07	TP6A-97919-Narrows E-1130-2011-08-07 TP6A-97919-Narrows W-1130-2011-08-07	As per EPP	2011-08-07	2.6 NTU 4.3 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-08	TP6A-97919-Narrows E-0730-2011-08-08 TP6A-97919-Narrows W-0730-2011-08-08	As per EPP	2011-08-08	2.0 NTU 2.3 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-08	TP6A-97919-Narrows E-1130-2011-08-08 TP6A-97919-Narrows W-1130-2011-08-08	As per EPP	2011-08-08	4.5 NTU 4.1 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-09	TP6A-97919-Narrows E-0730-2011-08-09 TP6A-97919-Narrows W-0730-2011-08-09	As per EPP	2011-08-09	11.9 NTU 12.5 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-09	TP6A-97919-Narrows E-1130-2011-08-09 TP6A-97919-Narrows W-1130-2011-08-09	As per EPP	2011-08-09	6.4 NTU 7.7 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-10	TP6A-97919-Narrows E-0730-2011-08-10 TP6A-97919-Narrows W-0730-2011-08-10	As per EPP	2011-08-10	4.6 NTU 4.6 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours	Once Weekly	2011-08-10	TP6A-97919-Narrows E-1130-2011-08-10 TP6A-97919-Narrows W-1130-2011-08-10	As per EPP	2011-08-10	4.1 NTU 3.8 NTU	Pass	Y	TP6A-08-10-2011-East TP6A-08-10-2011-West	10-Aug-11	2.77 NTU 2.53 NTU	Pass Pass	Yes	Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	Samples were collected in accordance with the EPP. Please refer to the weekly IQAC Site Testing Summary for further details.
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-11	TP6A-97919-Narrows E-0730-2011-08-11 TP6A-97919-Narrows W-0730-2011-08-11	As per EPP	2011-08-11	2.8 NTU 3.0 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly		2011-08-11	TP6A-97919-Site Trailer-2011-08-11 TP6A-97919-COB -2011-08-11 TP6A-97919-Narrows-2011-08-11	CBRM noise by-law and NSE criteria	2011-08-11	56.5 L _{eq} (dBA) 54.4 L _{eq} (dBA) 57.1 L _{eq} (dBA)	Pass Pass Pass	Y						Samples collected as per EPP. A minimum of 2hr sample duration in three locations along the perimeter. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-11	TP6A-97919-Narrows E-1130-2011-08-11 TP6A-97919-Narrows W-1130-2011-08-11	As per EPP	2011-08-11	3.0 NTU 2.8 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-12	TP6A-97919-Narrows E-0730-2011-08-12 TP6A-97919-Narrows W-0730-2011-08-12	As per EPP	2011-08-12	2.6 NTU 2.2 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-12	TP6A-97919-Narrows E-1130-2011-08-12 TP6A-97919-Narrows W-1130-2011-08-12	As per EPP	2011-08-12	3.1 NTU 3.3 NTU	Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	

Quality Control (QC) and Quality Assurance (QA) Environmental Testing Summary Table

- Weekly
 Monthly

From: 2011-07-31 To: 2011-08-27

Contractor:	MBJV	Client:	STPA	Form Number: 97918-QAF-073
Element:	TP6A	Oversight:	AECOM/CBCL	Project: Remediation of the Tar Ponds and Coke Ovens Sites
		IQAC:	Stantec	

Note: This summary table shall be submitted with the Contractor's Monthly QC Report only after all revisions are made to the data here contained based on any DE Environmental comments of the information submitted weekly.

SPECIFIED REQUIREMENTS						RESULTS										NOTES			
Spec Section	Spec Description	Test Type	Standard	QC Frequency	QA Frequency	Date Collected	QC Sample ID	Criteria	Date QC Result Received	QC Test Result	QC Pass/Fail	QC Frequency Met? Y/N	QA Sample ID	Date QA Result Received	QA Test Result	QA Pass/Fail	QA Frequency Met? Y/N	QC	QA
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-13	TP6A-97919-Narrows E-0730-2011-08-13 TP6A-97919-Narrows W-0730-2011-08-13	As per EPP	2011-08-13	3.0 NTU 3.3 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-13	TP6A-97919-Narrows E-1130-2011-08-13 TP6A-97919-Narrows W-1130-2011-08-13	As per EPP	2011-08-13	2.3 NTU 2.4 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
Week 3																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-14	TP6A-97919-Narrows E-0730-2011-08-14 TP6A-97919-Narrows W-0730-2011-08-14	As per EPP	2011-08-14	3.1 NTU 2.2 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-14	TP6A-97919-Narrows E-1130-2011-08-14 TP6A-97919-Narrows W-1130-2011-08-14	As per EPP	2011-08-14	3.0 NTU 2.8 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-15	TP6A-97919-Narrows E-0730-2011-08-15 TP6A-97919-Narrows W-0730-2011-08-15	As per EPP	2011-08-15	3.6 NTU 2.8 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-15	TP6A-97919-Narrows E-1130-2011-08-15 TP6A-97919-Narrows W-1130-2011-08-15	As per EPP	2011-08-15	3.4 NTU 3.2 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-16	TP6A-97919-Narrows E-0730-2011-08-16 TP6A-97919-Narrows W-0730-2011-08-16	As per EPP	2011-08-16	5.3 NTU 8.6 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-16	TP6A-97919-Narrows E-1130-2011-08-16 TP6A-97919-Narrows W-1130-2011-08-16	As per EPP	2011-08-16	12.8 NTU 10.8 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-17	TP6A-97919-Narrows E-0730-2011-08-17 TP6A-97919-Narrows W-0730-2011-08-17	As per EPP	2011-08-17	4.5 NTU 4.9 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours	Once Weekly	2011-08-17	TP6A-97919-Narrows E-1130-2011-08-17 TP6A-97919-Narrows W-1130-2011-08-17	As per EPP	2011-08-17	4.1 NTU 3.9 NTU	Pass	Y	TP6A-08-17-2011-East TP6A-08-17-2011-West	17-Aug-11	2.55 NTU 2.79 NTU	Pass Pass	Yes	<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	<p>Samples were collected in accordance with the EPP. Please refer to the weekly IQAC Site Testing Summary for further details.</p>
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-18	TP6A-97919-Narrows E-0730-2011-08-18 TP6A-97919-Narrows W-0730-2011-08-18	As per EPP	2011-08-18	3.4 NTU 3.2 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly		2011-08-18	TP6A-97919-Site Trailer-2011-08-18 TP6A-97919-COB -2011-08-18 TP6A-97919-Narrows-2011-08-18	CBRM noise by-law and NSE criteria	2011-08-18	58.8 L _{eq} (dBA) 60.4 L _{eq} (dBA) 60.2 L _{eq} (dBA)	Pass Pass Pass	Y						<p>Samples collected as per EPP. A minimum of 2hr sample duration in three locations along the perimeter. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-18	TP6A-97919-Narrows E-1130-2011-08-18 TP6A-97919-Narrows W-1130-2011-08-18	As per EPP	2011-08-18	2.7 NTU 3.0 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-19	TP6A-97919-Narrows E-0730-2011-08-19 TP6A-97919-Narrows W-0730-2011-08-19	As per EPP	2011-08-19	6.3 NTU 2.3 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-19	TP6A-97919-Narrows E-1130-2011-08-19 TP6A-97919-Narrows W-1130-2011-08-19	As per EPP	2011-08-19	2.3 NTU 3.1 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-20	TP6A-97919-Narrows E-0730-2011-08-20 TP6A-97919-Narrows W-0730-2011-08-20	As per EPP	2011-08-20	2.6 NTU 2.1 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-20	TP6A-97919-Narrows E-1130-2011-08-20 TP6A-97919-Narrows W-1130-2011-08-20	As per EPP	2011-08-20	2.3 NTU 2.4 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
Week 4																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-21	TP6A-97919-Narrows E-0730-2011-08-21 TP6A-97919-Narrows W-0730-2011-08-21	As per EPP	2011-08-21	3.4 NTU 4.0 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-21	TP6A-97919-Narrows E-1130-2011-08-21 TP6A-97919-Narrows W-1130-2011-08-21	As per EPP	2011-08-21	3.1 NTU 3.2 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-22	TP6A-97919-Narrows E-0730-2011-08-22 TP6A-97919-Narrows W-0730-2011-08-22	As per EPP	2011-08-22	2.2 NTU 3.0 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-22	TP6A-97919-Narrows E-1130-2011-08-22 TP6A-97919-Narrows W-1130-2011-08-22	As per EPP	2011-08-22	3.4 NTU 3.5 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-23	TP6A-97919-Narrows E-0730-2011-08-23 TP6A-97919-Narrows W-0730-2011-08-23	As per EPP	2011-08-23	7.3 NTU 8.4 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-23	TP6A-97919-Narrows E-1130-2011-08-23 TP6A-97919-Narrows W-1130-2011-08-23 TP6A-97919- WB -0945-2011-08-23 TP6A-97919- COB -1000-2011-08-23	As per EPP	2011-08-23	54.2 NTU 53.0 NTU 52.6 NTU 64.9 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-24	TP6A-97919-Narrows E-0730-2011-08-24 TP6A-97919-Narrows W-0730-2011-08-24	As per EPP	2011-08-24	10.2 NTU 7.8 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly	Once Monthly	2011-08-24	TP6A-97919-Site Trailer-2011-08-24 TP6A-97919-COB -2011-08-24 TP6A-97919-Narrows-2011-08-24	CBRM noise by-law and NSE criteria	2011-08-24	54.3 L _{eq} (dBA) 57.6 L _{eq} (dBA) 54.3 L _{eq} (dBA)	Pass Pass Pass	Y	TP6A-08-24-2011-0822-1025 TP6A-08-24-2011-1040-1249 TP6A-08-24-2011-1301-1514	2011-08-24	54.8 L _{eq} (dBA) 57.1 L _{eq} (dBA) 54.6 L _{eq} (dBA)	Pass Pass Pass	Yes	<p>Samples collected as per EPP. A minimum of 2hr sample duration in three locations along the perimeter. Please refer to the daily EIL for specific testing results.</p>	<p>Samples collected as per EPP. Refer to Monthly Noise QA Testing Summary Table in this report for more information.</p>
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours	Once Weekly	2011-08-24	TP6A-97919-Narrows E-1130-2011-08-24 TP6A-97919-Narrows W-1130-2011-08-24	As per EPP	2011-08-24	7.1 NTU 6.1 NTU	Pass	Y	TP6A-08-24-2011-East TP6A-08-24-2011-West	24-Aug-11	5.02 NTU 4.50 NTU	Pass Pass	Yes	<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	<p>Samples were collected in accordance with the EPP. Please refer to the weekly IQAC Site Testing Summary for further details.</p>
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-25	TP6A-97919-Narrows E-0730-2011-08-25 TP6A-97919-Narrows W-0730-2011-08-25	As per EPP	2011-08-25	3.4 NTU 3.3 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	

Quality Control (QC) and Quality Assurance (QA) Environmental Testing Summary Table

- Weekly
 Monthly

From: 2011-07-31 To: 2011-08-27

Contractor:	MBJV	Client:	STPA	Form Number: 97918-QAF-073
Element:	TP6A	Oversight:	AECOM/CBCL	Project: Remediation of the Tar Ponds and Coke Ovens Sites
		IQAC:	Stantec	

Note: This summary table shall be submitted with the Contractor's Monthly QC Report only after all revisions are made to the data here contained based on any DE Environmental comments of the information submitted weekly.

SPECIFIED REQUIREMENTS						RESULTS											NOTES		
Spec Section	Spec Description	Test Type	Standard	QC Frequency	QA Frequency	Date Collected	QC Sample ID	Criteria	Date QC Result Received	QC Test Result	QC Pass/Fail	QC Frequency Met? Y/N	QA Sample ID	Date QA Result Received	QA Test Result	QA Pass/Fail	QA Frequency Met? Y/N	QC	QA
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-25	TP6A-97919-Narrows E-1130-2011-08-25 TP6A-97919-Narrows W-1130-2011-08-25	As per EPP	2011-08-25	4.7 NTU 4.1 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-26	TP6A-97919-Narrows E-0730-2011-08-26 TP6A-97919-Narrows W-0730-2011-08-26	As per EPP	2011-08-26	3.1 NTU 2.9 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-26	TP6A-97919-Narrows E-1130-2011-08-26 TP6A-97919-Narrows W-1130-2011-08-26	As per EPP	2011-08-26	3.3 NTU 3.8 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-27	TP6A-97919-Narrows E-0730-2011-08-27 TP6A-97919-Narrows W-0730-2011-08-27	As per EPP	2011-08-27	3.7 NTU 3.1 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-08-27	TP6A-97919-Narrows E-1130-2011-08-27 TP6A-97919-Narrows W-1130-2011-08-27	As per EPP	2011-08-27	3.6 NTU 4.7 NTU	Pass	Y						<p>Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.</p>	



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Stantec

September 28, 2011
File: 121410955.225

Sydney Tar Ponds Agency
1 Inglis Street
PO Box 1028, Stn. A
Sydney, NS B1P 6J7

Attention: Ms. Diane Ingraham, PhD., CAPM, Quality Contracts Manager

Dear Ms. Ingraham:

**Reference: Extras Section - STPA Project Element TP6A
Independent Quality Assurance (IQAC) August 2011 Monthly Summary Report**

At the request of Sydney Tar Ponds Agency (STPA), Stantec Consulting Ltd (Stantec) has no reportable extra items to include in the EXTRAS section of the (IQAC) August 2011 Monthly Summary Report.

We trust this information meets your present requirements. If you have any questions, please do not hesitate to contact us.

Sincerely,

STANTEC CONSULTING LTD

Willie McNeil, B.Tech. (Env.), CET
Project Manager
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Sydney Tar Ponds Agency
1 Inglis Street
PO Box 1028, Stn. A
Sydney, NS B1P 6J7

Attention: Ms. Diane Ingraham, PhD., PMP, Quality Contracts Manager

Dear Ms. Ingraham:

Reference: Monthly Invoices

As per the request of the Sydney Tar Ponds Agency, monthly invoices will be submitted in a separate submittal.

Sincerely,

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