



**Stantec Consulting Ltd**  
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**Stantec**

September 28, 2012  
File: 121410955.225

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

**Attention: Mr. Claude Goora, P. Eng., PMP, Quality Contracts Manager**

Dear Mr. Goora:

**Reference: STPA Project Element TP6A – Flow Diversion  
Independent Quality Assurance (IQAC) July 2012 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 July 1 and July 31, 2012:

- Project Item PM-01: Four daily field reports.
- Project Item PM-02: One monthly QA report (July 2012) completed by Stantec in the month of September 2012.
- Project Item PM-05: Other meetings and frequent opinions were provided in the month of July 2012.
- Project Item PM-10: One weekly quality QC/QA meeting and preparation for the meeting.
- Project Item PM-19: Review of and data entry into May 2012 TP6A QC/QA testing summary tables.
- Project Item QCP-02: Submittal reviews (review of contractor's July 2012 QC report including daily/test reports).
- Project Item ENV-T-01: One noise monitoring event. Noise levels were within the specified limits. See monthly noise QA testing summary table in this report for further information.
- Project Item ENV-T-02: Four surface water (turbidity) sampling events. All measurements recorded were within the acceptable range. See the IQAC site testing summary form in this report for further information.

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.  
Geotechnical and Materials Quality Lead  
rabi.morelly@stantec.com

Willie McNeil, B.Tech. (Env.), CET  
Project Manager  
willie.mcneil@stantec.com



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

<b>Date:</b>	July 6, 2012	<b>IQAC On-Site Rep:</b>	Kathleen Whelan
<b>Relevant Project Specification(s)</b>	Environmental Quality Assurance	<b>Relevant Project Specification(s) No.</b>	QA-EPP Project No. 121410955.225
<b>IQAC Item No(s) / Descriptions</b>	ENV-T-02	<b>Time On-Site:</b>	1115
<b>Weather:</b>	Foggy, 14° C NE @ 13-28 km		
<b>Area Tested/Inspected:</b>	TP6A – Sydney Harbor near Halo		
<b>Inspection / Testing Summary</b>			
<p>Met Tyler Byrne on site at 1120 and proceeded to Battery Point. Sampled East side of Discharge Halo, then West side. Samples were tested upon return to site trailer. No deficiencies or exceedances noted. Contractor activities for the day included general pump and pipe maintenance. Off site by 12:15.</p>			
<b>Sample #</b>	<b>GPS Co-ordinates (NAD 83 – Northing/Easting)</b>	<b>General Site Description</b>	<b>Sample Results (NTU)</b>
1	459 9975 511 3341	Discharge Halo East	0.81
2	459 9996 511 3300	Discharge Halo West	0.64
<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>			
<b>IQAC Review and Acceptance</b>			
<b>IQAC On-Site Rep (Sign/Print/Date):</b>	 /Kathleen Whelan, B.Tech. (Env)	<b>IQAC Management Review (Sign/Print/Date):</b>	 /Jamie Tunnicliff, B.Sc., B.Eng.
	July 6, 2012		July 9, 2012



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

<b>Date:</b>	July 13, 2012	<b>IQAC On-Site Rep:</b>	Kathleen Whelan
<b>Relevant Project Specification(s)</b>	Environmental Quality Assurance	<b>Relevant Project Specification(s) No.</b>	QA-EPP Project No. 121410955.225
<b>IQAC Item No(s) / Descriptions</b>	ENV-T-02	<b>Time On-Site:</b>	1110
<b>Weather:</b>	Clear, 22° C W @ 20-31 km		
<b>Area Tested/Inspected:</b>	TP6A – Sydney Harbor near Halo		
<b>Inspection / Testing Summary</b>			
Met contractor onsite at 1110 and proceeded to Battery Point. Sampled West of Halo First, then East. Contractor activities for the day included general pump and pipe maintenance. Off site by 12:00.			
<b>Sample #</b>	<b>GPS Co-ordinates (NAD 83 – Northing/Easting)</b>	<b>General Site Description</b>	<b>Sample Results (NTU)</b>
1	459 9999 511 3347	Discharge Halo West	0.82
2	460 0014 511 3306	Discharge Halo East	0.88
<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>			
<b>IQAC Review and Acceptance</b>			
<b>IQAC On-Site Rep (Sign/Print/Date):</b>	 /Kathleen Whelan, B.Tech. (Env)	<b>IQAC Management Review (Sign/Print/Date):</b>	 /Jamie Tunnicliff, B.Sc., B.Eng.
	July 13, 2012		July 16, 2012

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

<b>Date:</b>	July 20, 2012	<b>IQAC On-Site Rep:</b>	Kathleen Whelan
<b>Relevant Project Specification(s)</b>	Environmental Quality Assurance	<b>Relevant Project Specification(s) No.</b>	QA-EPP Project No. 121410955.225
<b>IQAC Item No(s) / Descriptions</b>	ENV-T-02	<b>Time On-Site:</b>	1120
<b>Weather:</b>	Clear, 21° C SSW @ 22-37 km		
<b>Area Tested/Inspected:</b>	TP6A – Sydney Harbor/Discharge Halo		
<b>Inspection / Testing Summary</b>			
Met contractor onsite at 1120 and proceeded to Battery Point. Water in harbor was too choppy to sample from the boat so samples were taken from sampling deck to the left of the discharge halo. Samples were tested upon return to the site trailer. No issues noted. Contractor activities for the day included general pump and pipe maintenance.			
<b>Sample #</b>	<b>GPS Co-ordinates (NAD 83 – Northing/Easting)</b>	<b>General Site Description</b>	<b>Sample Results (NTU)</b>
1	460 0095 511 3305	Battery Point West	0.77
2	460 0095 511 3308	Battery Point East	0.71
<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>			
<b>IQAC Review and Acceptance</b>			
<b>IQAC On-Site Rep (Sign/Print/Date):</b>	 /Kathleen Whelan, B.Tech. (Env)	<b>IQAC Management Review (Sign/Print/Date):</b>	 /Jamie Tunnicliff, B.Sc., B.Eng.
	July 20, 2012		July 25, 2012

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

<b>Date:</b>	July 24, 2012	<b>IQAC On-Site Rep:</b>	Kathleen Whelan
<b>Relevant Project Specification(s)</b>	Environmental Quality Assurance	<b>Relevant Project Specification(s) No.</b>	QA-EPP Project No. 121410955.225
<b>IQAC Item No(s) / Descriptions</b>	ENV-T-02	<b>Time On-Site:</b>	1120
<b>Weather:</b>	Clear, 21° C SSW @ 22 km/hr		
<b>Area Tested/Inspected:</b>	TP6A – Sydney Harbor/Discharge Halo		
<b>Inspection / Testing Summary</b>			
Met contractor onsite at 1120 and proceeded to Battery Point. Water in harbor was too choppy to sample from the boat so samples were taken from sampling deck to the left of the discharge halo. Samples were tested upon return to the site trailer. No issues noted. Contractor activities for the day included general pump and pipe maintenance.			
<b>Sample #</b>	<b>GPS Co-ordinates (NAD 83 – Northing/Easting)</b>	<b>General Site Description</b>	<b>Sample Results (NTU)</b>
1	460 0096 511 3302	Battery Point West	0.61
2	460 0096 511 3310	Battery Point East	0.52
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>			
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.			
<i>Turbidity values recorded above are within acceptable levels.</i>			
<b>IQAC Review and Acceptance</b>			
<b>IQAC On-Site Rep (Sign/Print/Date):</b>	 /Kathleen Whelan, B.Tech. (Env)	<b>IQAC Management Review (Sign/Print/Date):</b>	 /Jamie Tunnicliff, B.Sc., B.Eng.
	July 24, 2012		July 25, 2012

### Monthly Noise QA Testing Summary Table

<b>Contractor:</b>	MBJV	<b>Client:</b>	STPA	<b>Form Number:</b>	TP6A Noise July 2012
<b>Element:</b>	TP6A	<b>Oversight:</b>	AECOM/CBCL	<b>Project:</b>	Remediation of the Tar Ponds and Coke Ovens Sites
<b>Month:</b>	July 2012	<b>IQAC:</b>	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-Jul-12	<65 dBA	TP6A-07-24-2012-0819-1019	460 1220 511 2848	64.5 dBA	Pass	Y	Sample location is at the fenceline next to trailers.
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	24-Jul-12	<65 dBA	TP6A-07-24-2012-1024-1224	460 0867 511 3139	62.0 dBA	Pass	Y	Sample location is at top of High Dump next to lookoff.
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	24-Jul-12	<65 dBA	TP6A-07-24-2012-1234-1434	460 1193 511 3061	56.3 dBA	Pass	Y	Sample location is North East site boundry (McNally security trailers)

Activities onsite at the time of the sampling events include general pump and pipe maintenance.



**Stantec**

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September 25, 2012  
File: 121410955.225

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

**Attention: Mr. Claude Goora, P.Eng. , PMP, Quality Contracts Manager**

Dear Mr. Goora:

**Reference: Materials and Geotechnical Quality Assurance of Quality Control Program  
Element TP6A, Sydney Tar Ponds Project, Sydney, NS  
Review of Contractor's July 2012 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 July 2012 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 3	All reports should be <u>signed</u> by the applicable QC testing and review personnel, with names clearly printed, and dated once they are completed and reviewed.
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This report covers the quality control aspects for both the geotechnical and concrete/materials portions of the project.

September 25, 2012

Mr. Claude Goora, P.Eng. , PMP, Quality Contracts 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 July 2012 Quality Control (QC) Report**

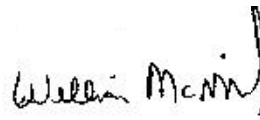
We trust this information meets your present needs. If you have any questions, or if we can be of further assistance, please do not hesitate to contact us at your convenience.

Sincerely,

**STANTEC CONSULTING LTD**



Rabi Morelly, M.Sc., P.Eng  
Geotechnical & Materials Quality Lead  
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Willie McNeil, B.Tech. (Env.), CET  
Project Manager  
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**Stantec**

September 28, 2012  
File: 121410955.225

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

**Attention: Mr. Claude Goora, P.Eng., PMP, Quality Contract Manager**

Dear: Mr. Goora

**Reference: Environmental Quality Assurance of Quality Control Program  
Element TP6A, Sydney Tar Ponds Project, Sydney, NS  
Review of Contractor's July 2012 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 Marine Joint Venture (MBJV) and their quality control consultant (Exp Services Inc. (exp)), Monthly Quality Control (QC) Report for the month of July 2012 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:

Level 3	<p><u>Environmental Inspection Logs</u></p> <p>The footnote on Page 1 of the EILs state, "Criteria for Acceptable and Not Acceptable for each checklist item is given on Pages 3 to 6". Pages 3 to 6 are not provided nor are the guidelines for noise or surface water provided on the EIL. As such, it cannot be determined from the EIL if the measurements Pass or Fail the guidelines.</p>
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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.

September 28, 2012

Mr. Claude Goora, P.Eng., PMP, Quality Contract Manager

Page 2 of 2

**Reference: Environmental Quality Assurance of Quality Control Program  
Element TP6A, Sydney Tar Ponds Project, Sydney, NS  
Review of Contractor's July 2012 Quality Control (QC) Report**

Sincerely,

**STANTEC CONSULTING LTD**



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

- Weekly  
 Monthly

From: 1-Jul-12 To: 28-Jul-12

Contractor:	MBJV	Client:	STPA	Form Number:	97918-QAF-059
Element:	TP6A	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
<b>Week 1</b>																			
No testing completed this week																			
<b>Week 2</b>																			
No testing completed this week																			
<b>Week 3</b>																			
No testing completed this week																			
<b>Week 4</b>																			
No testing completed this week																			

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

- Weekly  
 Monthly

From: 2012-07-01 To: 2012-07-28

<b>Contractor:</b>	MBJV	<b>Client:</b>	STPA	<b>Form Number:</b>	97918-QAF-073
<b>Element:</b>	TP6A	<b>Oversight:</b>	AECOM/CBCL	<b>Project:</b>	Remediation of the Tar Ponds and Coke Ovens Sites
		<b>IQAC:</b>	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	
<b>Week 1</b>																				
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2012-07-01	TP6A-97919-BP Discharge Cell E-0730-2012-07-01 TP6A-97919-BP Discharge Cell W-0730-2012-07-01	As per EPP	2012-07-01	2.3 NTU 1.5 NTU	Pass 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		2012-07-01	TP6A-97919-BP Discharge Cell E-1045-2012-07-01 TP6A-97919-BP Discharge Cell W-1045-2012-07-01	As per EPP	2012-07-01	2.4 NTU 2.0 NTU	Pass 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		2012-07-02	TP6A-97919-BP Discharge Cell E-0730-2012-07-02 TP6A-97919-BP Discharge Cell W-0730-2012-07-02	As per EPP	2012-07-02	2.4 NTU 1.5 NTU	Pass 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		2012-07-02	TP6A-97919-BP Discharge Cell E-1045-2012-07-02 TP6A-97919-BP Discharge Cell W-1045-2012-07-02	As per EPP	2012-07-02	4.1 NTU 2.6 NTU	Pass 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		2012-07-03	TP6A-97919-BP Discharge Cell E-0730-2012-07-03 TP6A-97919-BP Discharge Cell W-0730-2012-07-03	As per EPP	2012-07-03	1.9 NTU 1.2 NTU	Pass 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		2012-07-03	TP6A-97919-BP Discharge Cell E-1130-2012-07-03 TP6A-97919-BP Discharge Cell W-1130-2012-07-03	As per EPP	2012-07-03	1.4 NTU 1.4 NTU	Pass 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		2012-07-04	TP6A-97919-BP Discharge Cell E-0730-2012-07-04 TP6A-97919-BP Discharge Cell W-0730-2012-07-04	As per EPP	2012-07-04	1.7 NTU 2.0 NTU	Pass 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		2012-07-04	TP6A-97919-Site Trailers/Tool Cribs-2012-07-04 TP6A-97919-High Dump Look off-2012-07-04 TP6A-97919-Ferry St. West Fence-2012-07-04	CBRM noise by-law and NSE criteria	2012-07-04	60.5 L <sub>eq</sub> (dBA) 61.5 L <sub>eq</sub> (dBA) 64.1 L <sub>eq</sub> (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		2012-07-04	TP6A-97919-BP Discharge Cell E-1130-2012-07-04 TP6A-97919-BP Discharge Cell W-1130-2012-07-04	As per EPP	2012-07-04	1.8 NTU 1.5 NTU	Pass 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		2012-07-05	TP6A-97919-BP Discharge Cell E-0730-2012-07-05 TP6A-97919-BP Discharge Cell W-0730-2012-07-05	As per EPP	2012-07-05	1.9 NTU 2.2 NTU	Pass 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		2012-07-05	TP6A-97919-BP Discharge Cell E-1130-2012-07-05 TP6A-97919-BP Discharge Cell W-1130-2012-07-05	As per EPP	2012-07-05	1.7 NTU 1.8 NTU	Pass 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		2012-07-06	TP6A-97919-BP Discharge Cell E-0730-2012-07-06 TP6A-97919-BP Discharge Cell W-0730-2012-07-06	As per EPP	2012-07-06	1.4 NTU 1.2 NTU	Pass 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	Weekly	2012-07-06	TP6A-97919-BP Discharge Cell E-1130-2012-07-06 TP6A-97919-BP Discharge Cell W-1130-2012-07-06	As per EPP	2012-07-06	2.7 NTU 1.5 NTU	Pass Pass	Y	TP6A-07-06-2012-East BP TP6A-07-06-2012-West BP	6-Jul-12	0.81 NTU 0.64 NTU	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		2012-07-07	TP6A-97919-BP Discharge Cell E-0730-2012-07-07 TP6A-97919-BP Discharge Cell W-0730-2012-07-07	As per EPP	2012-07-07	1.8 NTU 1.4 NTU	Pass 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		2012-07-07	TP6A-97919-BP Discharge Cell E-1045-2012-07-07 TP6A-97919-BP Discharge Cell W-1045-2012-07-07	As per EPP	2012-07-07	2.4 NTU 2.8 NTU	Pass Pass	Y							Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
<b>Week 2</b>																				
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2012-07-08	TP6A-97919-BP Discharge Cell E-0730-2012-07-08 TP6A-97919-BP Discharge Cell W-0730-2012-07-08	As per EPP	2012-07-08	1.7 NTU 1.3 NTU	Pass 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		2012-07-08	TP6A-97919-BP Discharge Cell E-1045-2012-07-08 TP6A-97919-BP Discharge Cell W-1045-2012-07-08	As per EPP	2012-07-08	2.1 NTU 1.5 NTU	Pass 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		2012-07-09	TP6A-97919-BP Discharge Cell E-0730-2012-07-09 TP6A-97919-BP Discharge Cell W-0730-2012-07-09	As per EPP	2012-07-09	1.1 NTU 1.6 NTU	Pass 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		2012-07-09	TP6A-97919-BP Discharge Cell E-1045-2012-07-09 TP6A-97919-BP Discharge Cell W-1045-2012-07-09	As per EPP	2012-07-09	2.4 NTU 2.1 NTU	Pass 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		2012-07-10	TP6A-97919-BP Discharge Cell E-0730-2012-07-10 TP6A-97919-BP Discharge Cell W-0730-2012-07-10	As per EPP	2012-07-10	1.3 NTU 1.1 NTU	Pass 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		2012-07-10	TP6A-97919-BP Discharge Cell E-1130-2012-07-10 TP6A-97919-BP Discharge Cell W-1130-2012-07-10	As per EPP	2012-07-10	2.4 NTU 3.9 NTU	Pass 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		2012-07-11	TP6A-97919-BP Discharge Cell E-0730-2012-07-11 TP6A-97919-BP Discharge Cell W-0730-2012-07-11	As per EPP	2012-07-11	1.9 NTU 1.7 NTU	Pass 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		2012-07-11	TP6A-97919-BP Discharge Cell E-1130-2012-07-11 TP6A-97919-BP Discharge Cell W-1130-2012-07-11	As per EPP	2012-07-11	2.2 NTU 2.4 NTU	Pass 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		2012-07-12	TP6A-97919-BP Discharge Cell E-0730-2012-07-12 TP6A-97919-BP Discharge Cell W-0730-2012-07-12	As per EPP	2012-07-12	3.4 NTU 2.0 NTU	Pass 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		2012-07-12	TP6A-97919-Site Trailers/Tool Cribs-2012-07-12 TP6A-97919-High Dump Look off-2012-07-12 TP6A-97919-Ferry St. West Fence-2012-07-12	CBRM noise by-law and NSE criteria	2012-07-12	57.1 L <sub>eq</sub> (dBA) 56.4 L <sub>eq</sub> (dBA) 71.5 L <sub>eq</sub> (dBA)	Pass Pass Fail	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. Noise exceedance at Ferry St. West Bridge location due to train activity observed in the area. 2012/07/13, 0835, TB.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2012-07-12	TP6A-97919-BP Discharge Cell E-1130-2012-07-12 TP6A-97919-BP Discharge Cell W-1130-2012-07-12	As per EPP	2012-07-12	2.4 NTU 1.7 NTU	Pass 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		2012-07-13	TP6A-97919-BP Discharge Cell E-0730-2012-07-13 TP6A-97919-BP Discharge Cell W-0730-2012-07-13	As per EPP	2012-07-13	2.3 NTU 1.8 NTU	Pass 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: 2012-07-01 To: 2012-07-28

<b>Contractor:</b>	MBJV	<b>Client:</b>	STPA	<b>Form Number:</b>	97918-QAF-073
<b>Element:</b>	TP6A	<b>Oversight:</b>	AECOM/CBCL	<b>Project:</b>	Remediation of the Tar Ponds and Coke Ovens Sites
		<b>IQAC:</b>	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	Weekly	2012-07-13	TP6A-97919-BP Discharge Cell E-1130-2012-07-13 TP6A-97919-BP Discharge Cell W-1130-2012-07-13	As per EPP	2012-07-13	2.3 NTU 2.0 NTU	Pass Pass	Y	TP6A-07-13-2012-East BP TP6A-07-13-2012-West BP	13-Jul-12	0.88 NTU 0.82 NTU	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		2012-07-14	TP6A-97919-BP Discharge Cell E-0730-2012-07-14 TP6A-97919-BP Discharge Cell W-0730-2012-07-14	As per EPP	2012-07-14	2.0 NTU 1.9 NTU	Pass 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		2012-07-14	TP6A-97919-BP Discharge Cell E-1045-2012-07-14 TP6A-97919-BP Discharge Cell W-1045-2012-07-14	As per EPP	2012-07-14	3.7 NTU 1.5 NTU	Pass Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
<b>Week 3</b>																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2012-07-15	TP6A-97919-BP Discharge Cell E-0730-2012-07-15 TP6A-97919-BP Discharge Cell W-0730-2012-07-15	As per EPP	2012-07-15	3.0 NTU 2.5 NTU	Pass 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		2012-07-15	TP6A-97919-BP Discharge Cell E-1045-2012-07-15 TP6A-97919-BP Discharge Cell W-1045-2012-07-15	As per EPP	2012-07-15	1.0 NTU 1.8 NTU	Pass 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		2012-07-16	TP6A-97919-BP Discharge Cell E-0730-2012-07-16 TP6A-97919-BP Discharge Cell W-0730-2012-07-16	As per EPP	2012-07-16	1.2 NTU 1.7 NTU	Pass 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		2012-07-16	TP6A-97919-BP Discharge Cell E-1130-2012-07-16 TP6A-97919-BP Discharge Cell W-1130-2012-07-16	As per EPP	2012-07-16	2.0 NTU 1.1 NTU	Pass 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		2012-07-17	TP6A-97919-BP Discharge Cell E-0730-2012-07-17 TP6A-97919-BP Discharge Cell W-0730-2012-07-17	As per EPP	2012-07-17	1.9 NTU 1.5 NTU	Pass 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		2012-07-17	TP6A-97919-Site Trailers/Tool Cribs-2012-07-17 TP6A-97919-High Dump Look off-2012-07-17 TP6A-97919-Ferry St. West Fence-2012-07-17	CBRM noise by-law and NSE criteria	2012-07-17	60.7 L <sub>eq</sub> (dBA) 57.8 L <sub>eq</sub> (dBA) 68.1 L <sub>eq</sub> (dBA)	Pass Pass Fail	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. Noise exceedance at Ferry St. West Bridge location due to heavy traffic in the area. 2012/07/17, 1446, TB.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2012-07-17	TP6A-97919-BP Discharge Cell E-1130-2012-07-17 TP6A-97919-BP Discharge Cell W-1130-2012-07-17	As per EPP	2012-07-17	2.0 NTU 1.4 NTU	Pass 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		2012-07-18	TP6A-97919-BP Discharge Cell E-0730-2012-07-18 TP6A-97919-BP Discharge Cell W-0730-2012-07-18	As per EPP	2012-07-18	2.2 NTU 1.9 NTU	Pass 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		2012-07-18	TP6A-97919-BP Discharge Cell E-1130-2012-07-18 TP6A-97919-BP Discharge Cell W-1130-2012-07-18	As per EPP	2012-07-18	2.6 NTU 2.4 NTU	Pass 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		2012-07-19	TP6A-97919-BP Discharge Cell E-0730-2012-07-19 TP6A-97919-BP Discharge Cell W-0730-2012-07-19	As per EPP	2012-07-19	2.0 NTU 1.7 NTU	Pass 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		2012-07-19	TP6A-97919-BP Discharge Cell E-1130-2012-07-19 TP6A-97919-BP Discharge Cell W-1130-2012-07-19	As per EPP	2012-07-19	1.3 NTU 1.0 NTU	Pass 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		2012-07-20	TP6A-97919-BP Discharge Cell E-0730-2012-07-20 TP6A-97919-BP Discharge Cell W-0730-2012-07-20	As per EPP	2012-07-20	2.3 NTU 2.4 NTU	Pass 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	Weekly	2012-07-20	TP6A-97919-BP Discharge Cell E-1130-2012-07-20 TP6A-97919-BP Discharge Cell W-1130-2012-07-20	As per EPP	2012-07-20	1.2 NTU 1.6 NTU	Pass Pass	Y	TP6A-07-20-2012-East BP TP6A-07-20-2012-West BP	20-Jul-12	0.71 NTU 0.77 NTU	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		2012-07-21	TP6A-97919-BP Discharge Cell E-0730-2012-07-21 TP6A-97919-BP Discharge Cell W-0730-2012-07-21	As per EPP	2012-07-21	2.1 NTU 2.0 NTU	Pass 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		2012-07-21	TP6A-97919-BP Discharge Cell E-1045-2012-07-21 TP6A-97919-BP Discharge Cell W-1045-2012-07-21	As per EPP	2012-07-21	1.3 NTU 1.5 NTU	Pass Pass	Y						Samples were collected in accordance with the EPP. Please refer to the daily EIL for specific testing results.	
<b>Week 4</b>																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2012-07-22	TP6A-97919-BP Discharge Cell E-0730-2012-07-22 TP6A-97919-BP Discharge Cell W-0730-2012-07-22	As per EPP	2012-07-22	1.9 NTU 2.0 NTU	Pass 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		2012-07-22	TP6A-97919-BP Discharge Cell E-1045-2012-07-22 TP6A-97919-BP Discharge Cell W-1045-2012-07-22	As per EPP	2012-07-22	1.5 NTU 1.6 NTU	Pass 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		2012-07-23	TP6A-97919-BP Discharge Cell E-0730-2012-07-23 TP6A-97919-BP Discharge Cell W-0730-2012-07-23	As per EPP	2012-07-23	1.6 NTU 1.4 NTU	Pass 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		2012-07-23	TP6A-97919-BP Discharge Cell E-1130-2012-07-23 TP6A-97919-BP Discharge Cell W-1130-2012-07-23	As per EPP	2012-07-23	2.6 NTU 4.0 NTU	Pass 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		2012-07-24	TP6A-97919-BP Discharge Cell E-0730-2012-07-24 TP6A-97919-BP Discharge Cell W-0730-2012-07-24	As per EPP	2012-07-24	1.4 NTU 1.4 NTU	Pass 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	Monthly	2012-07-24	TP6A-97919-Site Trailers/Tool Cribs-2012-07-24 TP6A-97919-High Dump Look off-2012-07-24 TP6A-97919-Ferry St. West Fence-2012-07-24	CBRM noise by-law and NSE criteria	2012-07-24	64.3 L <sub>eq</sub> (dBA) 59.6 L <sub>eq</sub> (dBA) 55.8 L <sub>eq</sub> (dBA)	Pass Pass Pass	Y	TP6A-07-24-2012-0819-1019 TP6A-07-24-2012-1024-1224 TP6A-05-28-2012-1234-1434	24-Jul-12	64.5 L <sub>eq</sub> (dBA) 62.0 L <sub>eq</sub> (dBA) 56.3 L <sub>eq</sub> (dBA)	Pass Pass Pass	Yes	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.	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	Weekly	2012-07-24	TP6A-97919-BP Discharge Cell E-1130-2012-07-24 TP6A-97919-BP Discharge Cell W-1130-2012-07-24	As per EPP	2012-07-24	2.1 NTU 2.1 NTU	Pass Pass	Y	TP6A-07-24-2012-East BP TP6A-07-24-2012-West BP	24-Jul-12	0.52 NTU 0.61 NTU	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		2012-07-25	TP6A-97919-BP Discharge Cell E-0730-2012-07-25 TP6A-97919-BP Discharge Cell W-0730-2012-07-25	As per EPP	2012-07-25	1.7 NTU 6.2 NTU	Pass 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		2012-07-25	TP6A-97919-BP Discharge Cell E-1130-2012-07-25 TP6A-97919-BP Discharge Cell W-1130-2012-07-25	As per EPP	2012-07-25	12.7 NTU 11.4 NTU	Pass 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: 2012-07-01 To: 2012-07-28

<b>Contractor:</b>	MBJV	<b>Client:</b>	STPA	<b>Form Number:</b>	97918-QAF-073
<b>Element:</b>	TP6A	<b>Oversight:</b>	AECOM/CBCL	<b>Project:</b>	Remediation of the Tar Ponds and Coke Ovens Sites
		<b>IQAC:</b>	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		2012-07-26	TP6A-97919-BP Discharge Cell E-0730-2012-07-26 TP6A-97919-BP Discharge Cell W-0730-2012-07-26	As per EPP	2012-07-26	6.4 NTU 7.1 NTU	Pass 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		2012-07-26	TP6A-97919-BP Discharge Cell E-1130-2012-07-26 TP6A-97919-BP Discharge Cell W-1130-2012-07-26	As per EPP	2012-07-26	4.5 NTU 4.7 NTU	Pass 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		2012-07-27	TP6A-97919-BP Discharge Cell E-0730-2012-07-27 TP6A-97919-BP Discharge Cell W-0730-2012-07-27	As per EPP	2012-07-27	2.6 NTU 2.0 NTU	Pass 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		2012-07-27	TP6A-97919-BP Discharge Cell E-1130-2012-07-27 TP6A-97919-BP Discharge Cell W-1130-2012-07-27	As per EPP	2012-07-27	1.9 NTU 2.2 NTU	Pass 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		2012-07-28	TP6A-97919-BP Discharge Cell E-0730-2012-07-28 TP6A-97919-BP Discharge Cell W-0730-2012-07-28	As per EPP	2012-07-28	3.2 NTU 3.9 NTU	Pass 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		2012-07-28	TP6A-97919-BP Discharge Cell E-1045-2012-07-28 TP6A-97919-BP Discharge Cell W-1045-2012-07-28	As per EPP	2012-07-28	4.0 NTU 4.3 NTU	Pass 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 25, 2012  
File: 121410955.225

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

**Attention: Mr. Claude Goora, P.Eng. , PMP, Quality Contracts Manager**

Dear Mr. Goora:

**Reference: Extras Section - STPA Project Element TP6A  
Independent Quality Assurance (IQAC) July 2012 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) July 2012 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**

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