



Stantec Consulting Ltd
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Stantec

November 07, 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) September 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 September 1 and September 30, 2011:

- Project Item PM-01: Four daily field reports.
- Project Item PM-02: One monthly QA report (September 2011) completed in the month of November 2011.
- Project Item PM-04: Two site meetings were attended in the month of September 2011.
- Project Item PM-05: Other meetings and frequent opinions were provided in the month of September 2011.
- Project Item PM-19: Review of and data entry into TP6A July and August 2011 QC/QA testing summary tables.
- Project Item QCP-02: Submittal reviews (Contractor's September 2011 QC report including daily/test reports).
- Project Item ENV-T-01: One noise monitoring event. Noise levels were within the specified limits with the exception of one location. See Monthly Noise QA Testing Summary table in this report for further information.
- Project Item ENV-T-02: Twelve 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.
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**

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

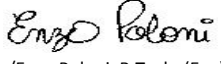
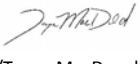
**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	September 7, 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:	1125
Weather:	Partly Cloudy, 14°C		
Area Tested/Inspected:	TP6A – North Pond Narrows East/West		
Inspection / Testing Summary			
<p>Stantec arrived on site at 11:25am for turbidity sampling at the Narrows. Met with the QC representative and 2 laborers and sampling began immediately. North Pond noted as very low tide at the time of sampling. Activities onsite were noted as maintenance of environmental controls and pumps. Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0527 511 3130	West Side	1.93
2	460 0549 511 3156	East Side	2.07
<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
	September 7, 2011		September 8, 2011

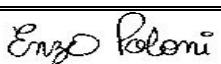

**STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY**

Date:	September 14, 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:	11:30
Weather:	Sunny, 21°C		
Area Tested/Inspected:	TP6A – North Pond Narrows East/West		
Inspection / Testing Summary			
<p>Stantec arrived on site at 11:25am for turbidity sampling at the Narrows and Battery point. Met with the QC representative and 2 laborers. The narrows were noted at high tide and on-site activities included pump deficiencies. Narrows completed by 11:40am. QC representative onsite reported that McNally representatives were also placing/side-casting/compacting clear stone for pile driving pad of Battery Point. Silt fencing installed at Battery Point the previous day. Sampling by boat completed by 12:00pm. Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0531 511 3152	West Side Narrows	1.30
2	460 0587 511 3259	East Side Narrows	1.23
1	460 0199 511 3197	West Side Battery Point	0.97
2	460 0207 511 3239	East Side Battery Point	1.01
<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
	September 14, 2011		September 15, 2011

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

Date:	September 21, 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:	11:25am
Weather:	Partly Cloudy, 13°C		
Area Tested/Inspected:	TP6A – North Pond Narrows East/West		
Inspection / Testing Summary			
Stantec arrived on site at 11:25am for turbidity sampling at the Narrows and Battery point. Met with QC representative and 2 laborers. Activities are noted as pump deficiencies and battery point slag lay down/compaction (side casted). Samples taken by boat at both locations. Samples analyzed at Stantec lab.			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0544 511 3118	West Side Narrows	3.48
2	460 0573 511 3155	East Side Narrows	3.52
1	460 0213 511 3170	West Side Battery Point	1.69
2	460 0209 511 3234	East Side Battery Point	3.07
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>			
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
	September 21, 2011		September 22, 2011

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

Date:	September 29, 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:	11:25am
Weather:	Sunny, 15°C		
Area Tested/Inspected:	TP6A – North Pond Narrows East/West		
Inspection / Testing Summary			
<p>Stantec arrived on site at 11:25am for turbidity sampling at the Narrows. Samples taken from boat. Met with QC representative and 2 laborers for sampling. Activities noted as silt curtain/oil boom replacement at Narrows with no activities at Battery Point. Samples analyzed at Stantec lab.</p>			
Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0556 511 3140	West Side Narrows	1.16
2	460 0544 511 3155	East Side Narrows	1.21
<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
	September 29, 2011		September 30, 2011

Monthly Noise QA Testing Summary Table

Contractor:	MBJV	Client:	STPA	Form Number:	TP6A Noise SEPTEMBER 2011
Element:	TP6A	Oversight:	AECOM/CBCL	Project:	Remediation of the Tar Ponds and Coke Ovens Sites
Month:	SEPTEMBER 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	21-Sep-11	<65 dBA	TP6A-09-21-2011-0757-0957	460 1247 511 2824	56.7dBA	Pass	Y	Sample location: McNally Site Trailer. Incoming on site traffic and transitting traffic.
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	21-Sep-11	<65 dBA	TP6A-09-21-2011-1010-1210	460 1588 511 2482	63.8dBA	Pass	Y	Sample location: Coke Oven Brook Pump Area. Downwind of TP7 activities (Compacting/Dozing)
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	21-Sep-11	<65 dBA	TP6A-09-21-2011-1226-1436	460 0751 511 3021	70.2dBA	Fail	Y	Sample location: Narrow - West Side (North Pond). Construction activites at narrows and adjacent rail yard

Activities onsite at the time of the sampling events include pump and environmental control maintenance and construction of a crane pad at Battery Point



November 8, 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 September 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 September 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 the table and EILs:</p> <ul style="list-style-type: none"> - August EILs are provided for September 2, and 5th, 2011. - The surface water measurement taken on September 11 (710) Narrows West is listed on the Table as 3.3 NTU but is presented on the EIL as 3.0 NTU. - The noise level measured on September 13 (710) Coke Oven Brook location is listed on the Table as 52.3 L_{eq} (dBA) but is presented on the EIL as 54.3 L_{eq} (dBA)
Level 3	<p><u>Environmental Inspection Logs (EILs)</u></p> <p>General observations:</p> <ul style="list-style-type: none"> - Several of the EILs Page Numbers are listed as <i>Page 1 of 2, Page 2 of 2, Page 3 of 2.</i> - Several of the EILs Page Numbers are listed as <i>Page 1 of 2 then Page 3 of 2.</i> - The EIL for August 29 (1110) is provided in duplicate.

November 8, 2011

Ms. Diane Ingraham, Ph.D., 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 September 2011 Quality Control (QC) Report**

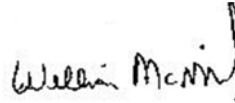
This report covers the quality control aspects for the environmental inspection/testing portions of the project. We trust this information meets your present needs. If you have any questions, or if we can be of further assistance, please do not hesitate to contact us at your convenience.

Sincerely,

STANTEC CONSULTING LTD



Tanya MacDonald
Environmental Manager
Tel: (902) 564-1855
Fax: (902) 564-8756
tanya.macdonald@stantec.com



Willie McNeil, B.Tech.(Env)., CET Manager,
Project Manager
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Stantec

Stantec Consulting Ltd.
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Membertou, NS B1S 0H1
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Fax: (902) 564-8756

November 06, 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 September 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 September 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 does not offer any comments for your consideration.

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
rabi.morelly@stantec.com

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

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

- Weekly
 Monthly

From: 2011-08-28 To: 2011-09-24

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-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly	Once Monthly	2011-09-21	TP6A-97919-Site Trailer-2011-09-21 TP6A-97919-COB -2011-09-21 TP6A-97919-Narrows-2011-09-21	CBRM noise by-law and NSE criteria	2011-09-21	55.0 L _{eq} (dBA) 63.4 L _{eq} (dBA) 67.1 L _{eq} (dBA)	Pass Pass Fail	N	TP6A-09-21-2011-0757-0957 TP6A-08-21-2011-1010-1210 TP6A-08-21-2011-1226-1436	21-Sep-11	56.7 L _{eq} (dBA) 63.8 L _{eq} (dBA) 70.2 L _{eq} (dBA)	Pass Pass Fail	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. Noise exceedance attributed to a large volume of traffic and from site vehicles and work in the rail yard.	Samples collected as per EPP. Refer to Monthly Noise QA Testing Summary Table in this report for more information. Noise exceedance likely due to an increase in traffic onsite and construction activities in the adjacent rail yard.
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours	Once Weekly	2011-09-21	TP6A-97919-Narrows E-1130-2011-09-21 TP6A-97919-Narrows W-1130-2011-09-21 TP6A-97919-Battery Point E-1130-2011-09-21 TP6A-97919-Battery Point W-1130-2011-09-21	As per EPP	2011-09-21	5.2 NTU 5.6 NTU 5.2 NTU 3.3 NTU	Pass	Y	TP6A-09-21-2011-EastNarrows TP6A-09-21-2011-WestNarrows TP6A-09-21-2011-BatteryEast TP6A-09-21-2011-BatteryWest	21-Sep-11	3.52 NTU 3.48 NTU 3.07 NTU 1.69 NTU	Pass Pass 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		2011-09-22	TP6A-97919-Narrows E-0730-2011-09-22 TP6A-97919-Narrows W-0730-2011-09-22 TP6A-97919-Battery Point E-0730-2011-09-22 TP6A-97919-Battery Point W-0730-2011-09-22	As per EPP	2011-09-22	3.4 NTU 3.1 NTU 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		2011-09-22	TP6A-97919-Narrows E-1130-2011-09-22 TP6A-97919-Narrows W-1130-2011-09-22 TP6A-97919-Battery Point E-1130-2011-09-22 TP6A-97919-Battery Point W-1130-2011-09-22	As per EPP	2011-09-22	4.4 NTU 2.8 NTU 2.4 NTU 3.2 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		2011-09-23	TP6A-97919-Narrows E-0730-2011-09-23 TP6A-97919-Narrows W-0730-2011-09-23 TP6A-97919-Battery Point E-0730-2011-09-23 TP6A-97919-Battery Point W-0730-2011-09-23	As per EPP	2011-09-23	3.2 NTU 2.9 NTU 4.0 NTU 4.2 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		2011-09-23	TP6A-97919-Narrows E-1130-2011-09-23 TP6A-97919-Narrows W-1130-2011-09-23 TP6A-97919-Battery Point E-1130-2011-09-23 TP6A-97919-Battery Point W-1130-2011-09-23	As per EPP	2011-09-23	3.8 NTU 3.8 NTU 2.7 NTU 3.1 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		2011-09-24	TP6A-97919-Narrows E-0730-2011-09-24 TP6A-97919-Narrows W-0730-2011-09-24	As per EPP	2011-09-24	2.9 NTU 2.7 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		2011-09-24	TP6A-97919-Narrows E-1130-2011-09-24 TP6A-97919-Narrows W-1130-2011-09-24	As per EPP	2011-09-24	2.5 NTU 2.4 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) Testing Summary Table

- Weekly
 Monthly

From: 28-Aug-11 To: 24-Sep-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																			



Stantec Consulting Ltd
207-201 Churchill Drive
Membertou NS B1S 0H1
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Stantec

November 7, 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) September 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) September 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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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,

STANTEC CONSULTING LTD

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