Stantec Consulting Ltd
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August 10, 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) June 2011 Monthly Summary Report

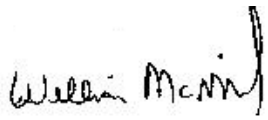
At the request of Sydney Tar Ponds Agency (STPA), Stantec Consulting Ltd (Stantec) has completed the following quality assurance inspection/testing services and meetings in accordance with project requirements at the above mentioned site between June 1 and June 30, 2011:

- Project Item PM-01: Six daily field reports.
- Project Item PM-02: One monthly QA report (June 2011) completed in the month of August 2011.
- Project Item PM-04: Two site meetings.
- Project Item PM-05: Other meetings and frequent opinions were provided in the month of June 2011.
- Project Item PM-19: Review of and data entry into TP6A March, April and May 2011 QC/QA testing summary tables.
- Project Item QCP-02: Submittal reviews (Contractor's June 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



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Willie McNeil, B.Tech. (Env.), CET
Project Manager
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STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY

Date:	June 2, 2011	**IQAC On-Site Rep:**	Enzo Poloni/Justin Clements
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:	Overcast, 14°C		
Area Tested/Inspected:	TP6A Narrows at North Pond		

Inspection / Testing Summary

Stantec arrived on site at 11:25am for turbidity sampling by boat at the Narrows. Met with QC rep. Joel Macleod and 2 laborers on site. Contractor activities at the time included cleaning the fish screens and debris nets and maintaining pump systems.
QA off site at 12:00pm.
Samples analyzed at Stantec lab.

Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0540 511 3116	West Side at Narrows beyond silt curtains	12.4
2	460 0558 511 3160	East Side at Narrows beyond silt curtains	11.2

As stated in the Environmental Protection Plan – "*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*"

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.

Turbidity values recorded above are within acceptable levels.

IQAC Review and Acceptance

IQAC On-Site Rep (Sign/Print/Date):	Enzo Poloni /Enzo Poloni, B.Tech. (Env) June 2, 2011	**IQAC Management Review (Sign/Print/Date):**	/Tanya MacDonald, B.Tech.(Env), AScT June 3, 2011

Stantec

STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY

Date:	June 8, 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:**	1127
Weather:	Rain/Overcast, 10°C		
Area Tested/Inspected:	TP6A Narrows at North Pond		

Inspection / Testing Summary

Stantec arrived on site at 11:30am for turbidity sampling by boat at the Narrows. Met with QC rep. Joel Macleod and 2 laborers on site. On site activities included maintaining and monitoring pump system. Informed by QC that new silt fencing had been installed on site the previous day.
Sampling completed at 11:45am and QA off site at 12:05pm.
Samples analyzed at Stantec lab.

Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0526 511 3104	West Side at Narrows beyond silt curtains	1.92
2	460 0554 511 3153	East Side at Narrows beyond silt curtains	2.07

As stated in the Environmental Protection Plan – "*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*"

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.

Turbidity values recorded above are within acceptable levels.

IQAC Review and Acceptance

IQAC On-Site Rep (Sign/Print/Date):	Enzo Poloni /Enzo Poloni, B.Tech. (Env) June 8, 2011	**IQAC Management Review (Sign/Print/Date):**	/Tanya MacDonald, B.Tech.(Env), AScT June 9, 2011

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STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY

Date:	June 15, 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:	Rain/Overcast, 8°C		
Area Tested/Inspected:	TP6A Narrows at North Pond		

Inspection / Testing Summary

Stantec arrived on site at 11:25am for turbidity sampling by boat at the Narrows. Met with QC laborers on site. Sampling delayed until arrival of QC EM (Curt Knowles) at 11:40am. On site activities included maintaining and monitoring pump system, air monitoring by QC, and demolition of the Ferry Street structure.
Sampling began at 11:50am and QA off site at 12:12pm.
Samples analyzed at Stantec lab.

Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0542 511 3106	West Side at Narrows beyond silt curtains	1.58
2	460 0557 511 3153	East Side at Narrows beyond silt curtains	1.21

As stated in the Environmental Protection Plan – "*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*"

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.

Turbidity values recorded above are within acceptable levels.

IQAC Review and Acceptance

IQAC On-Site Rep (Sign/Print/Date):	Enzo Poloni /Enzo Poloni, B.Tech. (Env) June 15, 2011	**IQAC Management Review (Sign/Print/Date):**	/Tanya MacDonald, B.Tech.(Env), AScT June 16, 2011

Stantec

STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY

Date:	June 23, 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, 13°C		
Area Tested/Inspected:	TP6A Narrows at North Pond		

Inspection / Testing Summary

Stantec arrived on site at 11:19am for turbidity sampling by boat at the Narrows. Met with QC EM (Curt Knowles) and 2 laborers on site at 11:25am. On site activities included maintaining and monitoring pump system. No intrusive work noted by QC.
Sampling began at 11:25am and QA off site at 11:52am.
Samples analyzed at Stantec lab.

Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0552 511 3118	West Side at Narrows beyond silt curtains	1.19
2	460 0554 511 3153	East Side at Narrows beyond silt curtains	1.31

As stated in the Environmental Protection Plan – "*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*"

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.

Turbidity values recorded above are within acceptable levels.

IQAC Review and Acceptance

IQAC On-Site Rep (Sign/Print/Date):	Enzo Poloni /Enzo Poloni, B.Tech. (Env) June 23, 2011	**IQAC Management Review (Sign/Print/Date):**	/Tanya MacDonald, B.Tech.(Env), AScT June 24, 2011

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STPA PROJECT ELEMENT TP6A: FLOW DIVERSION
IQAC SITE TESTING SUMMARY

Date:	June 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:**	1115
Weather:	Sunny, 15°C		
Area Tested/Inspected:	TP6A Narrows at North Pond		

Inspection / Testing Summary

Stantec arrived on site at 11:15am for turbidity sampling by boat at the Narrows. Met with QC EM (Joel MacLeod) and 2 laborers on site at 11:22am. On site activities included maintaining and monitoring pump system. No intrusive work noted by QC.
Sampling completed by 11:30am and QA off site at 11:46am.
Samples analyzed at Stantec lab.

Sample #	GPS Co-ordinates (NAD 83 – Northing/Easting)	General Site Description	Sample Results (NTU)
1	460 0543 511 3107	West Side at Narrows beyond silt curtains	1.11
2	460 0562 511 3141	East Side at Narrows beyond silt curtains	1.28

As stated in the Environmental Protection Plan – "*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*"

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.

Turbidity values recorded above are within acceptable levels.

IQAC Review and Acceptance

IQAC On-Site Rep (Sign/Print/Date):	Enzo Poloni /Enzo Poloni, B.Tech. (Env) June 15, 2011	**IQAC Management Review (Sign/Print/Date):**	/Tanya MacDonald, B.Tech.(Env), AScT June 16, 2011

Stantec

Monthly Noise QA Testing Summary Table

Contractor:	MBJV	**Client:**	STPA	**Form Number:**	TP6A Noise June 2011
Element:	TP6A	**Oversight:**	AECOM/CBCL	**Project:**	Remediation of the Tar Ponds and Coke Ovens Sites
Month:	JUNE 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-Jun-11	<65 dBA	TP6A-06-21-2011-0822-1028	460 0744 511 3005	54.1 dBA	Pass	Y	Sample location is at the Narrows in North Pond.
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	21-Jun-11	<65 dBA	TP6A-06-21-2011-1038-1246	460 1247 511 2829	58.1 dBA	Pass	Y	Sampling location is at the fenceline near McNally Site trailer at TP2.
EPP	ENV-T-01	Noise	CBRM Noise By-Law & NSE Criteria	once per month	21-Jun-11	<65 dBA	TP6A-06-21-2011-1252-1456	460 1556 511 2503	61.1 dBA	Pass	Y	Sample location is at the Coke Oven Brook. Sample location affected by noise from offsite activities on TP7.

Activities onsite at the time of the sampling events include pump maintenane. Offsite activities include solidification/stabilization (S/S) TP6B on the North Pond, heavy equipment operations on the West Access Road holding-pad and Ferry St. structure demolition

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August 10, 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: **Concrete and Geotechnical Quality Assurance of Quality Control Program**
Element TP6A, Sydney Tar Ponds Project, Sydney, NS
Review of Contractor's June 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 June 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

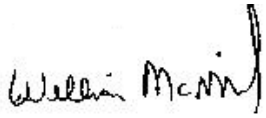
Level 2	Concrete delivery records/tickets for October, November and December 2009 and March, May, June, July and September 2010 placements are still not provided in this monthly report.

Reference: **Concrete and Geotechnical Quality Assurance of Quality Control Program**
Element TP6A, Sydney Tar Ponds Project, Sydney, NS
Review of Contractor's June 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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Stantec Consulting Ltd
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August 12, 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 June 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 June 2011for 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 2	<u>Quality Control (QC) and Quality Assurance (QA) Environmental Testing Summary Table</u> As stated in the Environmental Protection Plan – "*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*" It has been reported to QA, that a background level of 7.39 NTU is acceptable to use on element TP6A. As such, a reportable event would be a concentration downstream greater than 15.39 NTU. The surface water (turbidity) readings on June 2 at at 1130 (Narrows East) was greater than 15.39 NTU and is listed as a "Pass" with no rationale as to why it is not considered a failure. It should be noted that the surface water samples collected by QA on June 2, 2011 were below the applicable guideline of 15.39 NTU. QA was not notified that QC scheduled additional sampling on this date at the washbrook and coke ovens brook sites.

Reference: **Environmental Quality Assurance of Quality Control Program**
Element TP6A, Sydney Tar Ponds Project, Sydney, NS
Review of Contractor's June 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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Quality Control (QC) and Quality Assurance (QA) Testing Summary Table

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	

☐ **Weekly**
☑ **Monthly** **From:** 29-May-11 **To:** 25-Jun-11

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																			

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	

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

☐ Weekly
☑ Monthly

From: 2011-05-29 To: 2011-06-25

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		2011-05-29	TP6A-97919-Narrows E-0730-2011-05-29 TP6A-97919-Narrows W-0730-2011-05-29	As per EPP	2011-05-29	2.6 NTU 2.5 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		2011-05-29	TP6A-97919-Narrows E-1130-2011-05-29 TP6A-97919-Narrows W-1130-2011-05-29	As per EPP	2011-05-29	4.3 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		2011-05-30	TP6A-97919-Narrows E-0730-2011-05-30 TP6A-97919-Narrows W-0730-2011-05-30	As per EPP	2011-05-30	5.5 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-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly		2011-05-30	TP6A-97919-Site Trailer-2011-05-30 TP6A-97919-COB -2011-05-30 TP6A-97919-Narrows-2011-05-30	CBRM noise by-law and NSE criteria	2011-05-30	60.1 L_{eq} (dBA) 63.6 L_{eq} (dBA) 63.0 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		2011-05-30	TP6A-97919-Narrows E-1130-2011-05-30 TP6A-97919-Narrows W-1130-2011-05-30	As per EPP	2011-05-30	3.0 NTU 2.9 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		2011-05-31	TP6A-97919-Narrows E-0730-2011-05-31 TP6A-97919-Narrows W-0730-2011-05-31	As per EPP	2011-05-31	3.1 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		2011-05-31	TP6A-97919-Narrows E-1130-2011-05-31 TP6A-97919-Narrows W-1130-2011-05-31	As per EPP	2011-05-31	3.3 NTU 3.9 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		2011-06-01	TP6A-97919-Narrows E-0730-2011-06-01 TP6A-97919-Narrows W-0730-2011-06-01	As per EPP	2011-06-01	3.7 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		2011-06-01	TP6A-97919-Narrows E-1130-2011-06-01 TP6A-97919-Narrows W-1130-2011-06-01	As per EPP	2011-06-01	2.5 NTU 1.9 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		2011-06-02	TP6A-97919-Narrows E-0730-2011-06-02 TP6A-97919-Narrows W-0730-2011-06-02 TP6A-97919- COB- 0800-2011-06-02 TP6A-97919- Washbrook- 0815-2011-06-02	As per EPP	2011-06-02	23.4 NTU 19.6 NTU 46.3 NTU 32.7 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	Once Weekly	2011-06-02	TP6A-97919-Narrows E-1130-2011-06-02 TP6A-97919-Narrows W-1130-2011-06-02 TP6A-97919- COB- 1200-2011-06-02 TP6A-97919- Washbrook- 1215-2011-06-02	As per EPP	2011-06-02	18.0 NTU 15.9 NTU 11.5 NTU 8.3 NTU	Pass	Y	TP6A-06-02-2011-East TP6A-06-02-2011-West	2-Jun-11	11.2 NTU 12.4 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. IQAC not notified by QC that additional sampling at the washbrook and Coke Ovens Brook was to take place. 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		2011-06-03	TP6A-97919-Narrows E-0730-2011-06-03 TP6A-97919-Narrows W-0730-2011-06-03	As per EPP	2011-06-03	3.2 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		2011-06-03	TP6A-97919-Narrows E-1130-2011-06-03 TP6A-97919-Narrows W-1130-2011-06-03	As per EPP	2011-06-03	2.3 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		2011-06-04	TP6A-97919-Narrows E-0730-2011-06-04 TP6A-97919-Narrows W-0730-2011-06-04	As per EPP	2011-06-04	3.3 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		2011-06-04	TP6A-97919-Narrows E-1130-2011-06-04 TP6A-97919-Narrows W-1130-2011-06-04	As per EPP	2011-06-04	2.4 NTU 2.3 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		2011-06-05	TP6A-97919-Narrows E-0730-2011-06-05 TP6A-97919-Narrows W-0730-2011-06-05	As per EPP	2011-06-05	3.3 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		2011-06-05	TP6A-97919-Narrows E-1130-2011-06-05 TP6A-97919-Narrows W-1130-2011-06-05	As per EPP	2011-06-05	2.2 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		2011-06-06	TP6A-97919-Narrows E-0730-2011-06-06 TP6A-97919-Narrows W-0730-2011-06-06	As per EPP	2011-06-06	3.4 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		2011-06-06	TP6A-97919-Narrows E-1130-2011-06-06 TP6A-97919-Narrows W-1130-2011-06-06	As per EPP	2011-06-06	4.1 NTU 2.9 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		2011-06-07	TP6A-97919-Narrows E-0730-2011-06-07 TP6A-97919-Narrows W-0730-2011-06-07	As per EPP	2011-06-07	3.4 NTU 3.7 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		2011-06-07	TP6A-97919-Site Trailer-2011-06-07 TP6A-97919-COB -2011-06-07 TP6A-97919-Narrows-2011-06-07	CBRM noise by-law and NSE criteria	2011-06-07	77.8 L_{eq} (dBA) 63.9 L_{eq} (dBA) 58.8 L_{eq} (dBA)	Fail 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. Noise exceedance was caused due to covering the noise meter with a plastic covering due to rain, as well as other contractor traffic. Very few activities were being conducted in the area during the exceeding test.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-06-07	TP6A-97919-Narrows E-1130-2011-06-07 TP6A-97919-Narrows W-1130-2011-06-07	As per EPP	2011-06-07	7.5 NTU 9.6 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		2011-06-08	TP6A-97919-Narrows E-0730-2011-06-08 TP6A-97919-Narrows W-0730-2011-06-08	As per EPP	2011-06-08	3.5 NTU 3.3 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	Once Weekly	2011-06-08	TP6A-97919-Narrows E-1130-2011-06-08 TP6A-97919-Narrows W-1130-2011-06-08	As per EPP	2011-06-08	3.1 NTU 3.8 NTU	Pass	Y	TP6A-06-08-2011-East TP6A-06-08-2011-West	8-Jun-11	2.07 NTU 1.92 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		2011-06-09	TP6A-97919-Narrows E-0730-2011-06-09 TP6A-97919-Narrows W-0730-2011-06-09	As per EPP	2011-06-09	2.2 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		2011-06-09	TP6A-97919-Narrows E-1130-2011-06-09 TP6A-97919-Narrows W-1130-2011-06-09	As per EPP	2011-06-09	3.4 NTU 3.4 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) Environmental Testing Summary Table

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	

☐ **Weekly**
☑ **Monthly**

From: 2011-05-29 **To:** 2011-06-25

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		2011-06-10	TP6A-97919-Narrows E-0730-2011-06-10 TP6A-97919-Narrows W-0730-2011-06-10	As per EPP	2011-06-10	2.7 NTU 2.5 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		2011-06-10	TP6A-97919-Narrows E-1130-2011-06-10 TP6A-97919-Narrows W-1130-2011-06-10	As per EPP	2011-06-10	5.7 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		2011-06-11	TP6A-97919-Narrows E-0730-2011-06-11 TP6A-97919-Narrows W-0730-2011-06-11	As per EPP	2011-06-11	3.1 NTU 6.1 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		2011-06-11	TP6A-97919-Narrows E-1130-2011-06-11 TP6A-97919-Narrows W-1130-2011-06-11	As per EPP	2011-06-11	4.0 NTU 7.1 NTU	Pass	Y						Samples were collected in accordance with the EPP.Please refer to the daily EIL for specific testing results.	
Week 3																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-06-12	TP6A-97919-Narrows E-0730-2011-06-12 TP6A-97919-Narrows W-0730-2011-06-12	As per EPP	2011-06-12	2.1 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		2011-06-12	TP6A-97919-Narrows E-1130-2011-06-12 TP6A-97919-Narrows W-1130-2011-06-12	As per EPP	2011-06-12	3.0 NTU 2.9 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		2011-06-13	TP6A-97919-Narrows E-0730-2011-06-13 TP6A-97919-Narrows W-0730-2011-06-13	As per EPP	2011-06-13	2.1 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		2011-06-13	TP6A-97919-Narrows E-1130-2011-06-13 TP6A-97919-Narrows W-1130-2011-06-13	As per EPP	2011-06-13	3.0 NTU 2.9 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		2011-06-13	TP6A-97919-Narrows E-1500-2011-06-13 TP6A-97919-Narrows W-1500-2011-06-13	As per EPP	2011-06-13	4.6 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		2011-06-14	TP6A-97919-Narrows E-0730-2011-06-14 TP6A-97919-Narrows W-0730-2011-06-14	As per EPP	2011-06-14	3.2 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-01	Noise Sampling	Noise Monitoring with a dosimeter or equivalent	CBRM noise by-law and NSE criteria	Once Weekly		2011-06-14	TP6A-97919-Site Trailer-2011-06-14 TP6A-97919-COB -2011-06-14 TP6A-97919-Narrows-2011-06-14	CBRM noise by-law and NSE criteria	2011-06-14	58.4 L_{eq} (dBA) 62.3 L_{eq} (dBA) 56.6 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		2011-06-14	TP6A-97919-Narrows E-1130-2011-06-14 TP6A-97919-Narrows W-1130-2011-06-14	As per EPP	2011-06-14	3.0 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		2011-06-14	TP6A-97919-Narrows E-1500-2011-06-14 TP6A-97919-Narrows W-1500-2011-06-14	As per EPP	2011-06-14	2.6 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		2011-06-15	TP6A-97919-Narrows E-0730-2011-06-15 TP6A-97919-Narrows W-0730-2011-06-15	As per EPP	2011-06-15	2.0 NTU 1.5 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	Once Weekly	2011-06-15	TP6A-97919-Narrows E-1130-2011-06-15 TP6A-97919-Narrows W-1130-2011-06-15	As per EPP	2011-06-15	2.1 NTU 2.1 NTU	Pass	Y	TP6A-06-15-2011-East TP6A-06-15-2011-West	15-Jun-11	1.21 NTU 1.58 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		2011-06-15	TP6A-97919-Narrows E-1500-2011-06-15 TP6A-97919-Narrows W-1500-2011-06-15	As per EPP	2011-06-15	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.	
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-06-16	TP6A-97919-Narrows E-0730-2011-06-16 TP6A-97919-Narrows W-0730-2011-06-16	As per EPP	2011-06-16	7.5 NTU 7.1 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		2011-06-16	TP6A-97919-Narrows E-1130-2011-06-16 TP6A-97919-Narrows W-1130-2011-06-16	As per EPP	2011-06-16	5.1 NTU 4.8 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		2011-06-16	TP6A-97919-Narrows E-1500-2011-06-16 TP6A-97919-Narrows W-1500-2011-06-16	As per EPP	2011-06-16	5.1 NTU 5.5 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		2011-06-17	TP6A-97919-Narrows E-0730-2011-06-17 TP6A-97919-Narrows W-0730-2011-06-17	As per EPP	2011-06-17	3.8 NTU 3.9 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		2011-06-17	TP6A-97919-Narrows E-1130-2011-06-17 TP6A-97919-Narrows W-1130-2011-06-17	As per EPP	2011-06-17	3.4 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		2011-06-17	TP6A-97919-Narrows E-1500-2011-06-17 TP6A-97919-Narrows W-1500-2011-06-17	As per EPP	2011-06-17	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		2011-06-18	TP6A-97919-Narrows E-0730-2011-06-18 TP6A-97919-Narrows W-0730-2011-06-18	As per EPP	2011-06-18	2.8 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		2011-06-18	TP6A-97919-Narrows E-1130-2011-06-18 TP6A-97919-Narrows W-1130-2011-06-18	As per EPP	2011-06-18	2.4 NTU 2.3 NTU	Pass	Y						Samples were collected in accordance with the EPP.Please refer to the daily EIL for specific testing results.	
Week 4																			
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-06-19	TP6A-97919-Narrows E-0730-2011-06-19 TP6A-97919-Narrows W-0730-2011-06-19	As per EPP	2011-06-19	10.5 NTU 3.5 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		2011-06-19	TP6A-97919-Narrows E-1130-2011-06-19 TP6A-97919-Narrows W-1130-2011-06-19	As per EPP	2011-06-19	7.9 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		2011-06-20	TP6A-97919-Narrows E-0730-2011-06-20 TP6A-97919-Narrows W-0730-2011-06-20	As per EPP	2011-06-20	3.8 NTU 3.9 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		2011-06-20	TP6A-97919-Narrows E-1130-2011-06-20 TP6A-97919-Narrows W-1130-2011-06-20	As per EPP	2011-06-20	5.5 NTU 5.7 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		2011-06-20	TP6A-97919-Narrows E-1500-2011-06-20 TP6A-97919-Narrows W-1500-2011-06-20	As per EPP	2011-06-20	5.1 NTU 5.9 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

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	

☐ **Weekly**
☑ **Monthly**

From: 2011-05-29 **To:** 2011-06-25

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		2011-06-21	TP6A-97919-Narrows E-0730-2011-06-21 TP6A-97919-Narrows W-0730-2011-06-21	As per EPP	2011-06-21	3.6 NTU 3.4 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	Once Monthly	2011-06-21	TP6A-97919-Site Trailer-2011-06-21 TP6A-97919-COB -2011-06-21 TP6A-97919-Narrows-2011-06-21	CBRM noise by-law and NSE criteria	2011-06-21	58.3 L_{eq} (dBA) 61.4 L_{eq} (dBA) 55.0 L_{eq} (dBA)	Pass Pass Pass	Y	TP6A-06-21-2011-1038-1246 TP6A-06-21-2011-1252-1456 TP6A-06-21-2011-0822-1028	2011-06-21	58.1 L_{eq} (dBA) 61.1 L_{eq} (dBA) 54.1 Leq (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 collected as per EPP. Refer to Monthly Noise QA Testing Summary Table in this report for more information.
ENV-T-02	Surface Water Turbidity Sampling	Turbidity Sampling with portable turbidity meter	As per EPP	Every 4 Hours		2011-06-21	TP6A-97919-Narrows E-1130-2011-06-21 TP6A-97919-Narrows W-1130-2011-06-21	As per EPP	2011-06-21	3.3 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		2011-06-21	TP6A-97919-Narrows E-1500-2011-06-21 TP6A-97919-Narrows W-1500-2011-06-21	As per EPP	2011-06-21	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		2011-06-22	TP6A-97919-Narrows E-0730-2011-06-22 TP6A-97919-Narrows W-0730-2011-06-22	As per EPP	2011-06-22	3.7 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		2011-06-22	TP6A-97919-Narrows E-1130-2011-06-22 TP6A-97919-Narrows W-1130-2011-06-22	As per EPP	2011-06-22	2.9 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		2011-06-22	TP6A-97919-Narrows E-1500-2011-06-22 TP6A-97919-Narrows W-1500-2011-06-22	As per EPP	2011-06-22	4.4 NTU 4.7 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		2011-06-23	TP6A-97919-Narrows E-0730-2011-06-23 TP6A-97919-Narrows W-0730-2011-06-23	As per EPP	2011-06-23	2.4 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	2011-06-23	TP6A-97919-Narrows E-1130-2011-06-23 TP6A-97919-Narrows W-1130-2011-06-23	As per EPP	2011-06-23	3.4 NTU 2.2 NTU	Pass	Y	TP6A-06-23-2011-East TP6A-06-23-2011-West	23-Jun-11	1.31 NTU 1.19 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		2011-06-24	TP6A-97919-Narrows E-0730-2011-06-24 TP6A-97919-Narrows W-0730-2011-06-24	As per EPP	2011-06-24	3.6 NTU 3.9 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		2011-06-24	TP6A-97919-Narrows E-1130-2011-06-24 TP6A-97919-Narrows W-1130-2011-06-24	As per EPP	2011-06-24	2.5 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		2011-06-25	TP6A-97919-Narrows E-0715-2011-06-25 TP6A-97919-Narrows W-0715-2011-06-25	As per EPP	2011-06-25	1.8 NTU 1.7 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		2011-06-25	TP6A-97919-Narrows E-1115-2011-06-25 TP6A-97919-Narrows W-1115-2011-06-25	As per EPP	2011-06-25	2.1 NTU 1.94 NTU	Pass	Y						Samples were collected in accordance with the EPP.Please refer to the daily EIL for specific testing results.	

Stantec Consulting Ltd
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August 9, 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:

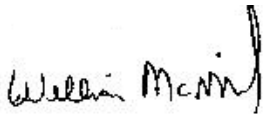
Reference: **Extras Section - STPA Project Element TP6A**
Independent Quality Assurance (IQAC) June 2011 Monthly Summary Report

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) June 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
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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**

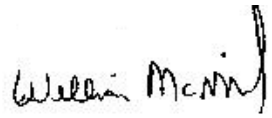
Dear Ms. Ingraham:

Reference: **Monthly Invoices**

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

Sincerely,

STANTEC CONSULTING LTD



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