

Appendix H

The QA/QC Procedures and Results

HIGH VOLUME AIR SAMPLER

SITE VISIT LOG SHEET

Site Name: RE Site No.: AM1
Date of visit: 15-8-2001 Hour of Visit: 10:30
Staff name: W.L. MAK HVAS S/N: EV07D03
Used filter paper no.: LW 75 New filter paper no.: LW 77
Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{32.5 + 273}{305.5}$ K Pressure, $P_a = 1003$ mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading (ΔH_{STD}) corresponds to $Q_{STD} = 40 \text{ ft}^3/\text{min}$.	Manometer reading at site conditions
EV08B01	5.1 (4/01)	$\Delta H_a = 1.500(P_a/T_a) = \underline{\hspace{2cm}}$
✓ EV08B02	5.0 (3/01)	$\Delta H_a = 1.471(P_a/T_a) = \underline{4.83}$

Manometer reading before calibration: 4.6

Adjustment of flow controller (Y/N): Y

Manometer reading after calibration: 4.8

Note: Manometer reading corrected to ambient conditions: $\Delta H_a = \Delta H_{STD}(P_a/P_{STD})(T_{STD}/T_a)$

III. General Conditions of HVAS

IV. Remarks

HIGH VOLUME AIR SAMPLER

SITE VISIT LOG SHEET

Site Name: E.G. Site No.: AM2
 Date of visit: 15-8-2001 Hour of Visit: 11:20
 Staff name: W.L. MAK, H.K. ISOM HVAS S/N: 21PX
 Used filter paper no.: LN74 New filter paper no.: LN76
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{34.5 + 273}{307.5}$ K Pressure, $P_a = 1010$ mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading (ΔH_{STD}) corresponds to $Q_{STD} = 40 \text{ ft}^3/\text{min}$.	Manometer reading at site conditions
EV08B01	5.1 (4/01)	$\Delta H_a = 1.500(P_a/T_a) = \underline{\hspace{2cm}}$
✓ EV08B02	5.0 (3/01)	$\Delta H_a = 1.471(P_a/T_a) = \underline{4.83}$

Manometer reading before calibration: 4.6

Adjustment of flow controller (Y/N): Y

Manometer reading after calibration: 4.8

Note: Manometer reading corrected to ambient conditions: $\Delta H_a = \Delta H_{STD}(P_a/P_{STD})(T_{STD}/T_a)$

III. General Conditions of HVAS

IV. Remarks

Replace return flow controller card & probe

PARTISOL TSP SAMPLER
SITE VISIT LOG SHEET

Site Name Ash Canyon Site Number AM3
Date of Visit 15-8-2001 Hour of Visit 10:00
Staff Name W.L. MAK, H.K. TSANG Partisol S/N: 2000 B 201500001
Used Filter No.: PA24 New Filter No.: PA30
Ambient temperature: 28°C Ambient pressure: 100.5 mbar

I. General Services

1. Replace control unit Large In-line Filter x
2. Clean the sample inlet head ✓
3. Clean sample tube x
4. Clean / Replace pump head ✓
5. Clean / Replace piston x

II. Operational Audits (3 months interval as recommended by manufacturer)

1. Temperature Check (Ambient temperature $\pm 2^\circ\text{C}$)
_____ °C Calibration: Y/N _____ °C
Before After
2. Pressure Check (Ambient pressure ± 20 mbar)(factor = 0.000987)
_____ mbar Calibration: Y/N _____ mbar
Before After
3. Flow Check (16.7 \pm 1.1 litre/min)
_____ cc/min Calibration: Y/N _____ cc/min
Before After

III. Remarks

MINI VOLUME AIR SAMPLER
SITE VISIT LOG SHEET

Site Name: T.Y.V. Site No.: AM4
Date of visit: 11-8-2001 Hour of Visit: 10:30
Staff name: H.K. TSANG MINIVOL S/N: 204P.
Used filter paper no.: MEK0 New filter paper no.: MEK1.
Type of filter: ~~Cellulose~~ / Glass-fibre
(Delete as appropriate)

- I. Calibration is performed by using Drycal DC-2 Flow Calibrator
5 Sl/min set point is recommended

4.810 Before 5.00 After

II. General Service of Mini Vol Air Sampler

1. Clean Rotameter: ✓
2. Clean / replace Pump Valves: x
3. Clean / replace Pump Diaphragms: x
4. Clean Impaction Inlet: x
5. Replace Timer Battery Every 6 months: x
6. Replace Inlet Filter: ✓

III. Remarks

**THE HONGKONG ELECTRIC CO., LTD.
LAMMA POWER STATION EXTENSION
TEOM 1400A CONTINUOUS DUST MONITOR
DATA QUALITY ASSURANCE LOG SHEET**

Month : AUGUST Year : 2001

Reservoir (AM1)					
Date	Frequency (Hz) (260 – 280)	Noise (< 0.1)	Operation Mode (Mode 4)	Main Flow (l/min) (0.94 – 1.06)	Aux. Flow (l/min) (14.67 – 16.67)
2-8-2001	271.06	0.021	4	1.00	15.64
8-8-2001	270.95	0.023	4	1.00	15.64
14-8-2001	270.89	0.033	4	1.00	15.65
20-8-2001	270.64	0.024	4	1.00	15.64
26-8-2001	270.32	0.026	4	1.00	15.65

East Gate (AM2)					
Date	Frequency (Hz) (230 – 250)	Noise (< 0.1)	Operation Mode (Mode 4)	Main Flow (l/min) (0.94 – 1.06)	Aux. Flow (l/min) (14.67 – 16.67)
2-8-2001	243.15	0.038	4	1.00	15.65
8-8-2001	243.08	0.044	4	1.00	15.66
14-8-2001	243.00	0.038	4	1.00	15.66
20-8-2001	242.83	0.094	4	1.00	15.64
26-8-2001	242.58	0.048	4	1.00	15.64

Ash Lagoon (AM3)					
Date	Frequency (Hz) (230 – 250)	Noise (< 0.1)	Operation Mode (Mode 4)	Main Flow (l/min) (0.94 – 1.06)	Aux. Flow (l/min) (14.67 – 16.67)
2-8-2001	246.72	0.045	4	0.99	15.64
8-8-2001	244.66	0.043	4	0.99	15.64
14-8-2001	244.57	0.036	4	0.99	15.64
20-8-2001	244.36	0.021	4	1.00	15.64
26-8-2001	244.14	0.032	4	0.99	15.64

Maintenance Record			
	Reservoir	East Gate	Ash Lagoon
TEOM Filter Exchange			✓
Clean TSP Inlet	✓	✓	✓
Replace flow in-line filter			
Pump Repair			
Leak Check			✓
Flow Audit			✓
Flow Controller Calibration			✓
A/C filter cleaning	✓	✓	✓

Remarks:

Prepared by : Alex

Checked by : Col

THE HONGKONG ELECTRIC CO., LTD.
LAMMA POWER STATION EXTENSION
NOISE MONITORING STATION
SITE VISIT LOG SHEET

Location Ash Lagoon/~~Ching Lam~~*

Date 15-8-2001 Time 13:15

Equipment Rion NA-27 Sound Level Meter

Serial Number ~~00111465/00111466/00111467~~*

Staff Attended W.L. MAK ; H.K. TSAO

1. Calibration

Acoustic calibrator used Rion NC-74

Calibration level before adjustment (dB(A)) 94.0

Calibration level after adjustment (dB(A)) 94

2. Weather Conditions

a. ~~Sunny/fine/cloudy/showery/heavy rain~~*

b. ~~Strong wind/breeze/calm~~*

3. Remark/Observation

Note: * - Please delete where inappropriate

28/3/2001

THE HONGKONG ELECTRIC CO., LTD.
LAMMA POWER STATION EXTENSION
NOISE MONITORING STATION
SITE VISIT LOG SHEET

Location Ash Lagoon/Ching Lam*

Date 16-8-2001 Time 11:10

Equipment Rion NA-27 Sound Level Meter

Serial Number 00111465/00111466/00111467*

Staff Attended T.L. CHU ; H.K. TSANG

1. Calibration

Acoustic calibrator used Rion NC-74

Calibration level before adjustment (dB(A)) 93.9

Calibration level after adjustment (dB(A)) 94

2. Weather Conditions

a. Sunny/~~fine/cloudy/showery/heavy rain*~~

b. ~~Strong wind/breeze/calm*~~

3. Remark/Observation

Note: * - Please delete where inappropriate

Equipment Calibration Record

Equipment No.	CM-ESG-022	Equipment description	YSI 6820 Multi-parameter Water Quality Monitor
Calibration method reference	OD-ESG-075	Calibration equipment used (if any)	-

Use of Reference material (if any)	pH	DO	Turbidity
	pH 6.86 & 10.01 buffer RM ESG-006 RM ESG-007	-	0 NTU & 200 NTU RM-ESG-0002 RM-ESG-0003
Permissible tolerance of calibration	± 0.12 pH	±5%	±5%

Calibration Result

Date	Standard	pH		DO	Turbidity		Calibrated by
		6.86	10.01	100%	0	200	
1/8/01	Before	6.85	10.01	97.9	0.3	200.8	i
	After	6.86	10.01	100.0	0.0	200.0	
3/8/01	Before	6.86	10.00	98.1	0.2	200.5	Billy
	After	6.86	10.01	100.0	0	200.0	
6/8/01	Before	6.84	10.02	99.2	0.2	201.2	i
	After	6.86	10.01	100.0	0.0	200.0	
8/8/01	Before	6.86	10.00	98.5	0.1	200.7	Billy
	After	6.86	10.01	100.0	0	200.0	
10/8/01	Before	6.83	10.03	106.0	0.2	201.0	Mark
	After	6.86	10.01	100.0	0.0	200.0	
13/8/01	Before	6.85	10.00	96.5	0.0	201.3	i
	After	6.86	10.01	100.0	0.0	200.0	
15/8/01	Before	6.84	10.02	102.3	0.4	200.5	Billy
	After	6.86	10.01	100.0	0.0	200.0	
17/8/01	Before	6.90	10.06	101.2	0.5	203.6	i
	After	6.86	10.01	100.0	0.0	200.0	
20/8/01	Before	6.87	10.04	100.8	0.2	201.4	i
	After	6.86	10.01	100.0	0.0	200.0	
22/8/01	Before	6.84	9.98	98.7	1.0	202.1	i
	After	6.86	10.01	100.0	0.0	200.0	
24/8/01	Before	6.83	10.05	97.6	0.4	201.2	Billy
	After	6.86	10.01	100.0	0	200.0	
27/8/01	Before	6.84	10.00	99.2	0.1	201.2	Billy
	After	6.86	10.01	100.0	0.0	200.0	
29/8/01	Before	6.89	9.99	98.5	0.1	198.6	i
	After	6.86	10.01	100.0	0.0	200.0	
31/8/01	Before	6.87	10.04	97.8	0.2	196.7	Frank
	After	6.86	10.01	100.0	0.0	200.0	

Approved by EMC: _____

Date: _____

31/8/01

SUMMARY OF QUALITY CONTROL DATA - BLANK RESULTS

Parameter	Control Limit	Blank ID	Measured Value	Blank ID	Measured Value	Blank ID	Measured Value	Blank ID	Measured Value	Blank ID	Measured Value	Blank ID	Measured Value	Blank ID	Measured Value
Suspended Solids mg/L	< 1	BK0107002	< 1	BK0108306	< 1	BK0108209	< 1	BK0108114	< 1	BK0108020	< 1	BK0108321	< 1	BK0108227	< 1
		BK0107102	< 1	BK0108007	< 1	BK0108309	< 1	BK0108214	< 1	BK0108120	< 1	BK0108023	< 1	BK0108327	< 1
		BK0108202	< 1	BK0108107	< 1	BK0108013	< 1	BK0108314	< 1	BK0108220	< 1	BK0108123	< 1	BK0108028	< 1
		BK0108302	< 1	BK0108207	< 1	BK0108113	< 1	BK0108016	< 1	BK0108320	< 1	BK0108223	< 1	BK0108128	< 1
		BK0108006	< 1	BK0108307	< 1	BK0108213	< 1	BK0108116	< 1	BK0108021	< 1	BK0108323	< 1	BK0108228	< 1
		BK0108106	< 1	BK0108009	< 1	BK0108313	< 1	BK0108216	< 1	BK0108121	< 1	BK0108027	< 1	BK0108328	< 1
		BK0108206	< 1	BK0108109	< 1	BK0108014	< 1	BK0108316	< 1	BK0108221	< 1	BK0108127	< 1	BK0108030	< 1
		BK0108230	< 1												
Unionized Ammonia (as Ammonia) mg/L	< 0.01	BK0108002	< 0.01	BK0108307	< 0.01	BK0108209	< 0.01	BK0108114	< 0.01	BK0108020	< 0.01	BK0108321	< 0.01	BK0108227	< 0.01
		BK0108102	< 0.01	BK0108006	< 0.01	BK0108309	< 0.01	BK0108214	< 0.01	BK0108120	< 0.01	BK0108023	< 0.01	BK0108327	< 0.01
		BK0108202	< 0.01	BK0108106	< 0.01	BK0108013	< 0.01	BK0108314	< 0.01	BK0108220	< 0.01	BK0108123	< 0.01	BK0108028	< 0.01
		BK0108302	< 0.01	BK0108206	< 0.01	BK0108113	< 0.01	BK0108016	< 0.01	BK0108320	< 0.01	BK0108223	< 0.01	BK0108128	< 0.01
		BK0108007	< 0.01	BK0108306	< 0.01	BK0108213	< 0.01	BK0108116	< 0.01	BK0108021	< 0.01	BK0108323	< 0.01		
		BK0108107	< 0.01	BK0108009	< 0.01	BK0108313	< 0.01	BK0108216	< 0.01	BK0108121	< 0.01	BK0108027	< 0.01		
		BK0108207	< 0.01	BK0108109	< 0.01	BK0108014	< 0.01	BK0108316	< 0.01	BK0108221	< 0.01	BK0108127	< 0.01		
Total Inorganic Nitrogen (as Nitrite and Nitrate) mg/L	< 0.01	BK0108203	< 0.01	BK0108009	< 0.01	BK0108310	< 0.01	BK0108214	< 0.01	BK0108020	< 0.01	BK0108222	< 0.01	BK0108227	< 0.01
		BK0108206	< 0.01	BK0108109	< 0.01	BK0108010	< 0.01	BK0108015	< 0.01	BK0108120	< 0.01	BK0108023	< 0.01	BK0108028	< 0.01
		BK0108306	< 0.01	BK0108007	< 0.01	BK0108110	< 0.01	BK0108115	< 0.01	BK0108220	< 0.01	BK0108123	< 0.01	BK0108128	< 0.01
		BK0108006	< 0.01	BK0108207	< 0.01	BK0108013	< 0.01	BK0108016	< 0.01	BK0108021	< 0.01	BK0108223	< 0.01	BK0108228	< 0.01
		BK0108106	< 0.01	BK0108008	< 0.01	BK0108113	< 0.01	BK0108116	< 0.01	BK0108121	< 0.01	BK0108024	< 0.01		
		BK0108208	< 0.01	BK0108108	< 0.01	BK0108014	< 0.01	BK0108017	< 0.01	BK0108022	< 0.01	BK0108027	< 0.01		
		BK0108208	< 0.01	BK0108210	< 0.01	BK0108114	< 0.01	BK0108117	< 0.01	BK0108122	< 0.01	BK0108127	< 0.01		

Total: 50

Total: 46

Total: 46

SUMMARY OF QUALITY CONTROL DATA - DUPLICATE RESULTS

Parameter	Control Limit	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value		
Suspended Solids mg/L	exceed 20%		9.4		11.5		15.2		5.1		6.1		3.8		9.9		
		WC0110578	9.6	WC0110745	10.5	WC0110982	16.6	WC0111212	4.3	WC0111511	6.3	WC0111671	4.2	WC0111954	9.3		
			6.5		4.2		9.5		6.8		6.2		8.1		11.0		
		WC0110593	6.7	WC0110815	4.2	WC0110997	10.5	WC0111233	7.0	WC0111526	5.8	WC0111758	8.9	WC0111969	11.2		
			5.8		4.4		19.6		7.8		8.1		10.8		10.5		
		WC0110614	5.6	WC0110830	3.8	WC0111083	20.6	WC0111248	8.6	WC0111547	8.7	WC0111773	10.2	WC0112027	10.3		
			9.4		9.8		9.1		5.7		4.4		5.9		11.4		
		WC0110629	8.8	WC0110851	9.6	WC0111098	9.5	WC0111359	6.5	WC0111562	5.0	WC0111794	5.3	WC0112042	10.6		
			11.8		4.8		6.1		11.6		9.4		6.6		10.4		
		WC0110694	11.0	WC0110866	4.4	WC0111119	5.5	WC0111374	11.2	WC0111620	9.8	WC0111089	7.0	WC0112063	11.4		
			22.0		10.0		7.9		8.0		7.1		6.7		10.3		
		WC0110709	22.8	WC0110946	10.6	WC0111134	7.9	WC0111395	8.2	WC0111635	7.1	WC0111918	5.9	WC0112078	11.7		
			10.6		10.2		5.1		6.3		7.0		13.3		13.8		
		WC0110730	11.4	WC0110961	10.6	WC0111197	4.9	WC0111410	6.7	WC0111656	7.2	WC0111933	11.3	WC0112175	11.6		
			5.8														
			5.4														
		Unionised Ammonia (as Ammonia) mg/L	exceed 20%		0.002		<0.001		0.001		<0.001		0.002		<0.001		<0.001
				WC0110578	0.002	WC0110866	<0.001	WC0110982	0.001	WC0111212	<0.001	WC0111511	0.002	WC0111671	<0.001	WC0111954	<0.001
					<0.001		<0.001		0.003		0.002		0.001		0.001		<0.001
WC0110593	<0.001			WC0110694	0.001	WC0110997	0.003	WC0111233	0.002	WC0111526	0.001	WC0111758	0.001	WC0111969	<0.001		
	0.003				0.001		0.001		0.001		0.001		0.003		0.001		
WC0110614	0.003			WC0110709	<0.001	WC0111083	0.001	WC0111248	<0.001	WC0111547	0.001	WC0111773	0.003	WC0112027	0.001		
	0.003				0.001		0.001		<0.001		0.001		<0.001		<0.001		
WC0110629	0.003			WC0110730	0.001	WC0111098	0.001	WC0111359	<0.001	WC0111562	0.001	WC0111794	<0.001	WC0112042	<0.001		
	0.001				0.002		<0.001		<0.001		0.002		0.001				
WC0110815	0.001			WC0110745	0.002	WC0111119	<0.001	WC0111374	<0.001	WC0111620	0.002	WC0111089	0.001				
	<0.001				0.002		<0.001		0.001		0.001		0.001				
WC0110830	<0.001			WC0110946	0.002	WC0111134	<0.001	WC0111395	0.001	WC0111635	0.001	WC0111918	0.001				
	0.002				0.002		<0.001		0.001		<0.001		0.001				
WC0110851	0.001	WC0110961	0.002	WC0111197	<0.001	WC0111410	0.001	WC0111656	<0.001	WC0111933	0.001						
Total Inorganic Nitrogen (as Nitrite + Nitrate) mg/L	exceed 20%		0.26		0.10		0.28		0.18		0.21		0.18		0.29		
		WC0110578	0.26	WC0110851	0.10	WC0110961	0.29	WC0111197	0.18	WC0111410	0.20	WC0111671	0.18	WC0111954	0.30		
			0.19		0.10		0.31		0.29		0.16		0.12		0.41		
		WC0110584	0.19	WC0110866	0.10	WC0110982	0.32	WC0111212	0.30	WC0111526	0.15	WC0111758	0.12	WC0111969	0.41		
			0.70		0.11		0.25		0.18		0.11		0.31		0.12		
		WC0110593	0.70	WC0110694	0.11	WC0110997	0.26	WC0111233	0.18	WC0111547	0.11	WC0111773	0.31	WC0112027	0.13		
			0.29		0.29		0.15		0.30		0.16		0.07		0.16		
		WC0110614	0.30	WC0110709	0.29	WC0111083	0.16	WC0111248	0.29	WC0111562	0.16	WC0111794	0.07	WC0112042	0.15		
			0.22		0.08		0.20		0.14		0.06		0.30				
		WC0110629	0.22	WC0110730	0.08	WC0111098	0.21	WC0111359	0.14	WC0111620	0.05	WC0111089	0.31				
			0.11		0.10		0.14		0.28		0.06		0.29				
		WC0110815	0.11	WC0110745	0.10	WC0111119	0.14	WC0111374	0.28	WC0111635	0.06	WC0111918	0.30				
			0.13		0.27		0.14		0.14		0.02		0.42				
WC0110830	0.12	WC0110946	0.27	WC0111134	0.14	WC0111395	0.14	WC0111656	0.02	WC0111933	0.42						

Total: 50

Total: 46

Total: 46

SUMMARY OF QUALITY CONTROL DATA - MATRIX SPIKE RESULTS

Parameter	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)
Unionized Ammonia (as Ammonia) mg/L	RT0108002	101.0	RT0108307	98.0	RT0108209	91.0	RT0108114	102.0	RT0108020	90.0	RT0108321	97.0	RT0108227	99.0
	RT0108102	96.0	RT0108006	97.0	RT0108309	99.0	RT0108214	100.0	RT0108120	100.0	RT0108023	100.0	RT0108327	94.0
	RT0108202	102.0	RT0108106	103.0	RT0108013	96.0	RT0108314	101.0	RT0108220	98.0	RT0108123	100.0	RT0108028	97.0
	RT0108302	106.0	RT0108206	99.0	RT0108113	99.0	RT0108016	99.0	RT0108320	94.0	RT0108223	102.0	RT0108128	94.0
	RT0108007	96.0	RT0108306	103.0	RT0108213	99.0	RT0108116	90.0	RT0108021	102.0	RT0108323	107.0		
	RT0108107	100.0	RT0108009	110.0	RT0108313	98.0	RT0108216	97.0	RT0108121	95.0	RT0108027	93.0		
	RT0108207	101.0	RT0108109	107.0	RT0108014	100.0	RT0108316	100.0	RT0108221	99.0	RT0108127	95.0		
Total Inorganic Nitrogen (as Nitrite + Nitrate) mg/L	RT0108203	117.5	RT0108009	111.7	RT0108310	103.0	RT0108214	100.4	RT0108020	99.6	RT0108222	95.8	RT0108227	108.0
	RT0108206	106.9	RT0108109	113.3	RT0108010	118.9	RT0108015	90.6	RT0108120	109.6	RT0108023	87.8	RT0108028	104.0
	RT0108306	117.8	RT0108002	118.0	RT0108000	115.0	RT0108115	90.6	RT0108220	101.0	RT0108023	101.0	RT0108128	117.0
	RT0108006	115.7	RT0108207	118.6	RT0108013	103.1	RT0108016	116.7	RT0108021	109.6	RT0108123	117.0	RT0108228	115.5
	RT0108106	112.5	RT0108008	100.6	RT0108113	106.1	RT0108116	102.3	RT0108121	101.1	RT0108024	86.0		
	RT0108208	116.2	RT0108108	107.7	RT0108014	103.2	RT0108017	107.0	RT0108022	100.0	RT0108027	98.0		
RT0108308	106.4	RT0108210	103.0	RT0108114	114.7	RT0108117	94.6	RT0108122	98.6	RT0108127	117.0			

Total: 46

Total: 46

Acceptance Criteria: 75% to 125%

SUMMARY OF QUALITY CONTROL DATA - QC SAMPLES RESULTS

Parameter	Control Limit	QC ID	Measured Value	QC ID	Measured Value	QC ID	Measured Value	QC ID	Measured Value	QC ID	Measured Value	QC ID	Measured Value	QC ID	Measured Value
Suspended Solids mg/L	8.9 - 10.3	QC0108002	9.3	QC0108306	9.8	QC0108209	9.7	QC0108114	9.7	QC0108020	9.9	QC0108321	9.4	QC0108227	9.7
		QC0108102	9.4	QC0108007	9.6	QC0108309	10.1	QC0108214	10.0	QC0108120	9.4	QC0108023	9.4	QC0108327	9.7
		QC0108202	9.8	QC0108107	9.8	QC0108013	9.6	QC0108314	9.9	QC0108220	9.5	QC0108123	9.8	QC0108028	10.3
		QC0108302	9.7	QC0108207	10.0	QC0108113	9.5	QC0108016	9.5	QC0108320	9.6	QC0108223	9.4	QC0108330	9.7
		QC0108006	9.9	QC0108307	10.2	QC0108213	9.9	QC0108116	9.4	QC0108021	9.5	QC0108323	9.7	QC0108228	9.7
		QC0108106	9.5	QC0108009	9.5	QC0108313	9.5	QC0108216	9.8	QC0108121	9.6	QC0108027	9.8	QC0108328	9.8
		QC0108206	9.5	QC0108109	9.6	QC0108014	9.7	QC0108316	10.1	QC0108221	9.2	QC0108127	9.4	QC0108030	9.3
		QC0108230	9.6												
Unionized Ammonia (as Ammonia) mg/L	0.09 - 0.12	QC0108002	0.11	QC0108307	0.10	QC0108209	0.10	QC0108114	0.10	QC0108020	0.10	QC0108321	0.11	QC0108227	0.10
		QC0108102	0.11	QC0108006	0.10	QC0108309	0.10	QC0108214	0.10	QC0108120	0.10	QC0108023	0.10	QC0108327	0.10
		QC0108202	0.11	QC0108106	0.10	QC0108013	0.10	QC0108314	0.10	QC0108220	0.10	QC0108123	0.10	QC0108028	0.11
		QC0108302	0.11	QC0108206	0.10	QC0108113	0.10	QC0108016	0.10	QC0108320	0.10	QC0108223	0.10	QC0108128	0.11
		QC0108007	0.10	QC0108306	0.10	QC0108213	0.10	QC0108116	0.10	QC0108021	0.10	QC0108323	0.10		
		QC0108107	0.10	QC0108009	0.10	QC0108313	0.10	QC0108216	0.10	QC0108121	0.10	QC0108027	0.10		
		QC0108207	0.10	QC0108109	0.10	QC0108014	0.10	QC0108316	0.10	QC0108221	0.10	QC0108127	0.11		
Total Inorganic Nitrogen (as Nitrite and Nitrate) mg/L	0.36 - 0.44	QC0108203	0.40	QC0108009	0.36	QC0108310	0.38	QC0108214	0.38	QC0108020	0.39	QC0108222	0.38	QC0108227	0.40
		QC0108206	0.37	QC0108109	0.38	QC0108010	0.38	QC0108015	0.40	QC0108120	0.38	QC0108023	0.39	QC0108028	0.39
		QC0108306	0.36	QC0108007	0.40	QC0108110	0.38	QC0108115	0.39	QC0108220	0.38	QC0108123	0.39	QC0108128	0.39
		QC0108006	0.38	QC0108207	0.42	QC0108013	0.42	QC0108016	0.40	QC0108021	0.39	QC0108223	0.40	QC0108228	0.39
		QC0108106	0.38	QC0108008	0.39	QC0108113	0.41	QC0108116	0.39	QC0108121	0.38	QC0108024	0.38		
		QC0108208	0.40	QC0108108	0.39	QC0108014	0.38	QC0108017	0.38	QC0108022	0.39	QC0108027	0.39		
QC0108308	0.39	QC0108210	0.38	QC0108114	0.38	QC0108117	0.39	QC0108122	0.38	QC0108127	0.39				

Total: 50

Total: 46

Total: 46

