

# 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: 16-7-2001 Hour of Visit: 1320  
 Staff name: Sim Hol/W.L.M. Hick/H.C. Langford HVAS S/N: EV07003  
 Used filter paper no.: LN64 New filter paper no.: LN66  
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature,  $T_a = \frac{273 + 32.1}{305.1}$  K Pressure,  $P_a = 1004$  mb

II. Correction of manometer reading

Calibration orifice No.	Manometer reading ( $\Delta H_{STD}$ ) corresponds to $Q_{STD} = 40 \text{ ft}^3/\text{min}$ .	Manometer reading at site conditions
EV08B01	5.1 (4/01)	$\Delta H_a = 1.500(P_a/T_a) = \underline{\hspace{2cm}}$
<input checked="" type="checkbox"/> EV08B02	5.0 (3/01)	$\Delta H_a = 1.471(P_a/T_a) = 4.84$

Manometer reading before calibration: 5.2

Adjustment of flow controller (Y/N): Y

Manometer reading after calibration: 4.90

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

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 \_\_\_\_\_  
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IV. Remarks

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 \_\_\_\_\_  
 \_\_\_\_\_

HIGH VOLUME AIR SAMPLER

SITE VISIT LOG SHEET

Site Name: EG Site No.: A12  
 Date of visit: 10-7-2001 Hour of Visit: 11:00  
 Staff name: w L Mac / LAD HC HVAS S/N: 2195  
 Used filter paper no.: L265 New filter paper no.: L267  
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature,  $T_a = 273 + 29.7$  K Pressure,  $P_a = 1009$  mb  
 302.7

II. Correction of manometer reading

Calibration orifice No.	Manometer reading ( $\Delta H_{STD}$ ) 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)	$\Delta H_a = 1.471(P_a/T_a) = \underline{4.90}$

Manometer reading before calibration: 4.80

Adjustment of flow controller (Y/N): Y

Manometer reading after calibration: 4.90

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

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 \_\_\_\_\_  
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IV. Remarks

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PARTISOL TSP SAMPLER  
SITE VISIT LOG SHEET

Site Name Ash Lagoon Site Number AM3  
Date of Visit 16-7-2011 Hour of Visit 14:50  
Staff Names S. M. HOH / H. K. TSANG Partisol S/N: 200B 20550001  
Used Filter No.: PA21 New Filter No.: PA22  
Ambient temperature: 30°C Ambient pressure: 1005 mbar

I. General Services

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

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

1. Temperature Check (Ambient temperature  $\pm 2^\circ\text{C}$ )

28 °C Before Calibration: X/N After \_\_\_\_\_ °C

2. Pressure Check (Ambient pressure  $\pm 20$  mbar)(factor = 0.000987)

1010 mbar Before Calibration: X/N After \_\_\_\_\_ mbar

3. Flow Check (16.7 $\pm$  1.1 litre/min)

16.9 cc/min Before Calibration: X/N After \_\_\_\_\_ cc/min

III. Remarks

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MINI VOLUME AIR SAMPLER  
SITE VISIT LOG SHEET

Site Name: TYU Site No.: AM4  
Date of visit: 16-7-2004 Hour of Visit: 13:45  
Staff name: S.M. HON MINIVOL S/N: 204P  
Used filter paper no.: M78X New filter paper no.: M786  
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

5086 Before 5006 After

II. General Service of Mini Vol Air Sampler

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

III. Remarks

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

Month: JULY 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)
3-7-2001	268.17	0.018	4	1.00	15.65
9-7-2001	268.11	0.026	4	1.01	15.65
16-7-2001	267.34	0.025	4	1.00	15.64
21-7-2001	271.27	0.028	4	1.00	15.64
27-7-2001	271.19	0.027	4	1.00	15.64

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)
3-7-2001	243.67	0.039	4	1.00	15.65
9-7-2001	243.49	0.060	4	1.00	15.66
15-7-2001	243.40	0.021	4	1.00	15.65
21-7-2001	243.34	0.035	4	1.00	15.65
27-7-2001	243.25	0.061	4	0.99	15.66

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)
3-7-2001	245.26	0.025	4	0.99	15.64
9-7-2001	245.09	0.036	4	1.00	15.64
15-7-2001	244.99	0.044	4	0.99	15.64
21-7-2001	244.92	0.026	4	1.00	15.64
27-7-2001	244.82	0.031	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:**

ELCB tripped for TEOM at Reservoir at 1500 hr  
on 15 July 2001.

Prepared by: Alan

Checked by: [Signature]



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

Location Ash Lagoon/Ching Lam\*  
Date 16-7-2001 Time 14:37  
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)) 94.1  
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

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\_\_\_\_\_  
\_\_\_\_\_

Note: \* - Please delete where inappropriate



### Equipment Calibration Record

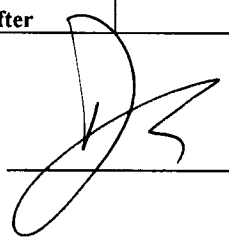
Equipment No.	CM-ESG-022	Equipment description	YSI 6820 Multi-parameter Water Quality Monitor
Calibration method reference	OD-ESG-075	Calibration equipment used (if any)	-

	pH	DO	Turbidity
Use of Reference material (if any)	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	
3/7/01	Before	6.84	10.00	98.4	2.1	199.8	[Signature]
	After	6.86	10.01	100.0	0	200.0	
9/7/01	Before	6.85	10.01	99.7	1.7	198.8	[Signature]
	After	6.86	10.01	100.0	0	200.0	
10-7-01	Before	6.89	10.01	99.0	0.4	197.6	TALCHER
	After	6.86	10.01	100.0	0.0	200.0	
11/7/01	Before	6.87	10.02	93.7	0.9	198.5	[Signature]
	After	6.86	10.01	100.0	0	200.0	
12/7/01	Before	6.89	10.04	102.7	0.5	198.3	[Signature]
	After	6.86	10.01	100.0	0.0	200.0	
13/7/01	Before	6.90	10.00	99.4	0.7	199.4	[Signature]
	After	6.86	10.01	100.0	0	200.0	
16/7/01	Before	6.88	10.03	101.4	1.2	198.6	[Signature]
	After	6.86	10.01	100.0	0	200.0	
18-7-01	Before	6.89	10.05	102.5	0.8	201.3	TALCHER
	After	6.86	10.01	100.0	0.0	200.0	
20-7-01	Before	6.82	10.05	100.4	0.5	196.2	TALCHER
	After	6.86	10.01	100.0	0.0	200.0	
27/7/01	Before	6.87	10.03	97.8	0.6	199.2	[Signature]
	After	6.86	10.02	101.2	0	200.0	
27/7/01	Before	6.91	10.00	98.7	0.0	198.4	[Signature]
	After	6.86	10.01	100.0	0.0	200.0	
30/7/01	Before	6.88	10.02	99.1	0.2	198.9	[Signature]
	After	6.86	10.01	100.0	0	200.0	
31/7/01	Before	6.85	10.03	98.9	0.3	197.2	[Signature]
	After	6.86	10.01	100.0	0.0	200.0	
	Before						[Signature]
	After						

Approved by EMC: \_\_\_\_\_



Date: \_\_\_\_\_

31.7.07

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	BK0107004	< 1	BK0107310	< 1	BK0107212	< 1	BK0107114	< 1	BK0070019	< 1	BK0107323	< 1	BK0107228	< 1
		BK0107104	< 1	BK0107011	< 1	BK0107312	< 1	BK0108214	< 1	BK0107119	< 1	BK0107024	< 1	BK0107328	< 1
		BK0107204	< 1	BK0107111	< 1	BK0107013	< 1	BK0107314	< 1	BK0107219	< 1	BK0107124	< 1	BK0107031	< 1
		BK0107304	< 1	BK0107211	< 1	BK0107213	< 1	BK0107017	< 1	BK0107319	< 1	BK0107224	< 1	BK0107131	< 1
		BK0107010	< 1	BK0107311	< 1	BK0107313	< 1	BK0107117	< 1	BK0107023	< 1	BK0107324	< 1	BK0107231	< 1
		BK0107110	< 1	BK0107012	< 1	BK0107413	< 1	BK0107217	< 1	BK0107123	< 1	BK0107028	< 1	BK0107331	< 1
		BK0107210	< 1	BK0107112	< 1	BK0107014	< 1	BK0107317	< 1	BK0107223	< 1	BK0107128	< 1		
<b>Total: 47</b>															
Unionized Ammonia (as Ammonia) mg/L	< 0.01	BK0107004	< 0.01	BK0107310	< 0.01	BK0107212	< 0.01	BK0107116	< 0.01	BK0107019	< 0.01	BK0107323	< 0.01	BK0107230	< 0.01
		BK0107104	< 0.01	BK0107011	< 0.01	BK0107312	< 0.01	BK0107216	< 0.01	BK0107119	< 0.01	BK0107024	< 0.01		
		BK0107204	< 0.01	BK0107111	< 0.01	BK0107013	< 0.01	BK0107316	< 0.01	BK0107219	< 0.01	BK0107124	< 0.01		
		BK0107304	< 0.01	BK0107211	< 0.01	BK0107113	< 0.01	BK0107017	< 0.01	BK0107319	< 0.01	BK0107224	< 0.01		
		BK0107010	< 0.01	BK0107311	< 0.01	BK0107213	< 0.01	BK0107117	< 0.01	BK0107023	< 0.01	BK0107324	< 0.01		
		BK0107110	< 0.01	BK0107012	< 0.01	BK0107313	< 0.01	BK0107217	< 0.01	BK0107123	< 0.01	BK0107030	< 0.01		
BK0107210	< 0.01	BK0107112	< 0.01	BK0107016	< 0.01	BK0107317	< 0.01	BK0107223	< 0.01	BK0107130	< 0.01				
<b>Total: 43</b>															
Total Inorganic Nitrogen (as Nitrite and Nitrate) mg/L	< 0.01	BK0107104	< 0.01	BK0107310	< 0.01	BK0107212	< 0.01	BK0107117	< 0.01	BK0107119	< 0.01	BK0107124	< 0.01	BK0107031	< 0.01
		BK0107204	< 0.01	BK0107011	< 0.01	BK0107312	< 0.01	BK0107217	< 0.01	BK0107020	< 0.01	BK0107027	< 0.01		
		BK0107005	< 0.01	BK0107111	< 0.01	BK0107016	< 0.01	BK0107317	< 0.01	BK0107120	< 0.01	BK0107127	< 0.01		
		BK0107009	< 0.01	BK0107211	< 0.01	BK0107116	< 0.01	BK0107018	< 0.01	BK0107220	< 0.01	BK0107026	< 0.01		
		BK0107010	< 0.01	BK0107311	< 0.01	BK0107013	< 0.01	BK0107019	< 0.01	BK0107123	< 0.01	BK0107126	< 0.01		
		BK0107110	< 0.01	BK0107012	< 0.01	BK0107216	< 0.01	BK0107118	< 0.01	BK0107024	< 0.01	BK0107030	< 0.01		
BK0107210	< 0.01	BK0107112	< 0.01	BK0107017	< 0.01	BK0107218	< 0.01	BK0107224	< 0.01	BK0107130	< 0.01				
<b>Total: 43</b>															

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%	WC0108835	16.2	WC0109039	12.0	WC0109296	6.5	WC0109506	8.3	WC0109682	6.4	WC0109917	15.1	WC0110063	9.3
		WC0108835	14.2	WC0109039	12.2	WC0109296	5.7	WC0109506	7.7	WC0109682	6.4	WC0109917	16.7	WC0110063	9.5
		WC0108850	15.4	WC0109122	6.2	WC0109311	5.0	WC0109521	8.4	WC0109768	8.2	WC0109931	24.1	WC0110078	6.2
		WC0108850	17.0	WC0109122	7.4	WC0109311	4.8	WC0109521	9.2	WC0109768	9.0	WC0109931	25.3	WC0110078	6.4
		WC0108871	17.7	WC0109137	8.0	WC0109386	36.5	WC0109542	6.4	WC0109783	8.3	WC0109932	52.8	WC0110204	12.1
		WC0108871	18.9	WC0109137	7.0	WC0109386	36.3	WC0109542	7.8	WC0109783	8.5	WC0109932	50.3	WC0110204	10.9
		WC0108886	17.1	WC0109158	7.8	WC0109390	5.7	WC0109557	6.8	WC0109804	4.8	WC0109952	6.4	WC0110219	12.2
		WC0108886	19.1	WC0109158	7.8	WC0109390	5.5	WC0109557	5.6	WC0109804	4.4	WC0109952	6.6	WC0110219	11.6
		WC0108988	4.5	WC0109173	6.2	WC0109405	5.9	WC0109631	6.3	WC0109812	5.4	WC0109967	4.6	WC0110240	7.1
		WC0108988	4.1	WC0109173	5.8	WC0109405	5.5	WC0109631	6.1	WC0109812	5.6	WC0109967	4.2	WC0110240	8.1
		WC0109003	10.5	WC0109260	6.8	WC0109426	5.3	WC0109646	12.6	WC0109819	5.3	WC0110027	11.8		
		WC0109003	10.1	WC0109260	6.4	WC0109426	5.9	WC0109646	11.0	WC0109819	5.7	WC0110027	12.8		
		WC0109024	5.4	WC0109275	6.3	WC0109441	7.7	WC0109667	9.9	WC0109916	10.1	WC0110042	6.2		
		WC0109024	4.8	WC0109275	6.9	WC0109441	7.3	WC0109667	9.7	WC0109916	11.3	WC0110042	6.8		
Unionised Ammonia (as Ammonia) mg/L	exceed 20%	WC0108835	0.001	WC0109039	0.002	WC0109296	0.001	WC0109521	0.001	WC0109768	<0.001	WC0109967	0.002	WC0110240	0.002
		WC0108835	0.001	WC0109039	0.002	WC0109296	0.001	WC0109521	0.001	WC0109768	<0.001	WC0109967	0.001	WC0110240	0.002
		WC0108850	0.003	WC0109122	0.002	WC0109311	<0.001	WC0109542	0.001	WC0109783	0.001	WC0110027	0.001		
		WC0108850	0.003	WC0109122	0.002	WC0109311	<0.001	WC0109542	0.001	WC0109783	0.001	WC0110027	0.001		
		WC0108871	0.001	WC0109137	0.002	WC0109390	0.001	WC0109557	<0.001	WC0109804	0.001	WC0110042	0.004		
		WC0108871	0.001	WC0109137	0.002	WC0109390	0.001	WC0109557	<0.001	WC0109804	<0.001	WC0110042	0.003		
		WC0108886	0.001	WC0109158	<0.001	WC0109405	0.002	WC0109631	<0.001	WC0109819	0.002	WC0110063	<0.001		
		WC0108886	0.001	WC0109158	<0.001	WC0109405	0.001	WC0109631	<0.001	WC0109819	0.002	WC0110063	<0.001		
		WC0108988	0.003	WC0109173	<0.001	WC0109426	0.001	WC0109646	0.001	WC0109916	<0.001	WC0110078	<0.001		
		WC0108988	0.003	WC0109173	<0.001	WC0109426	<0.001	WC0109646	0.001	WC0109916	<0.001	WC0110078	<0.001		
		WC0109003	0.004	WC0109260	0.001	WC0109441	0.001	WC0109667	0.001	WC0109931	0.002	WC0110204	0.003		
		WC0109003	0.004	WC0109260	0.001	WC0109441	<0.001	WC0109667	0.001	WC0109931	0.002	WC0110204	0.003		
		WC0109024	0.003	WC0109275	0.001	WC0109506	0.001	WC0109682	0.002	WC0109952	<0.001	WC0110219	0.004		
		WC0109024	0.003	WC0109275	0.001	WC0109506	0.001	WC0109682	0.002	WC0109952	0.001	WC0110219	0.004		
Total Inorganic Nitrogen (as Nitrite + Nitrate) mg/L	exceed 20%	WC0108835	0.16	WC0109039	0.60	WC0109296	0.62	WC0109521	0.55	WC0109768	0.71	WC0109967	0.66	WC0110240	0.14
		WC0108835	0.16	WC0109039	0.61	WC0109296	0.61	WC0109521	0.56	WC0109768	0.72	WC0109967	0.68	WC0110240	0.14
		WC0108850	0.38	WC0109122	0.58	WC0109311	0.63	WC0109542	0.71	WC0109783	0.79	WC0110027	0.29		
		WC0108850	0.39	WC0109122	0.60	WC0109311	0.65	WC0109542	0.73	WC0109783	0.79	WC0110027	0.28		
		WC0108871	0.20	WC0109137	0.64	WC0109390	0.80	WC0109557	0.59	WC0109804	0.82	WC0110042	0.42		
		WC0108871	0.19	WC0109137	0.64	WC0109390	0.80	WC0109557	0.60	WC0109804	0.81	WC0110042	0.42		
		WC0108886	0.19	WC0109158	0.61	WC0109405	0.71	WC0109631	0.49	WC0109819	0.64	WC0110063	0.29		
		WC0108886	0.18	WC0109158	0.61	WC0109405	0.72	WC0109631	0.49	WC0109819	0.65	WC0110063	0.29		
		WC0108988	0.48	WC0109173	0.76	WC0109426	0.58	WC0109646	0.66	WC0109916	0.43	WC0110078	0.31		
		WC0108988	0.49	WC0109173	0.76	WC0109426	0.59	WC0109646	0.67	WC0109916	0.44	WC0110078	0.32		
		WC0109003	0.56	WC0109260	0.71	WC0109441	0.36	WC0109667	0.56	WC0109931	0.66	WC0110204	0.12		
		WC0109003	0.58	WC0109260	0.71	WC0109441	0.36	WC0109667	0.57	WC0109931	0.67	WC0110204	0.12		
		WC0109024	0.51	WC0109275	0.74	WC0109506	0.65	WC0109682	0.64	WC0109952	0.47	WC0110219	0.38		
		WC0109024	0.51	WC0109275	0.69	WC0109506	0.66	WC0109682	0.67	WC0109952	0.48	WC0110219	0.38		

Total: 47

Total: 43

Total: 43





SUMMARY OF QUALITY CONTROL DATA - BLIND 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	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value	Sample ID	Measured Value		
Suspended Solids mg/L	exceed 20%	WC0109895	7.3	WC0109048	4.2	WC0109182	13.2	WC0109320	9.4	WC0109450	10.7	WC0109566	11.0	WC0109691	14.4	WC0109828	19.9	WC0109976	19.2	WC0110087	13.6	WC0110264	11.2		
			8.2		4.7		11.8		8.8		11.7		10.3		13.7		16.2		18.1		12.0		11.1		
		WC0109896	14.1	WC0110421	5.0	WC0109183	10.4	WC0109321	6.0	WC0109451	9.9	WC0109567	7.4	WC0109692	12.4	WC0109829	7.7	WC0109977	15.0	WC0110088	9.0	WC0110265	10.2		
			13.6		5.8		9.6		6.4		11.1		6.7		10.1		6.8		13.5		10.8		9.1		
		WC0109897	7.9	WC0109050	6.2	WC0109184	7.8	WC0109322	7.2	WC0109452	8.7	WC0109568	8.6	WC0109693	11.4	WC0109830	14.5	WC0109978	8.8	WC0110089	8.4	WC0110266	13.0		
			8.2		6.3		8.6		7.7		8.7		9.2		12.0		14.9		8.9		8.6		11.4		
		WC0109898	16.3	WC0109051	5.0	WC0109185	6.6	WC0109323	4.4	WC0109453	8.5	WC0109569	9.0	WC0109694	9.6	WC0109831	5.5	WC0109979	10.6	WC0110090	5.8	WC0110267	9.0		
			17.0		5.7		6.2		4.5		9.1		9.6		9.2		5.1		9.3		6.2		8.0		
		WC0109899	11.1	WC0109052	6.6	WC0109186	8.2	WC0110424	6.6	WC0109454	12.5	WC0109570	4.6	WC0109695	7.4	WC0109832	5.3	WC0109980	10.6	WC0110091	16.6	WC0110268	8.6		
			10.2		6.4		9.0		7.4		11.1		4.2		6.9		5.0		11.2		13.6		9.4		
		WC0109900	19.7	WC0109053	5.8	WC0109187	8.6	WC0109325	5.4	WC0109455	8.1	WC0109571	5.0	WC0109696	7.4	WC0109833	6.5	WC0109981	10.0	WC0110092	8.2	WC0110269	7.8		
			17.5		5.4		9.4		5.5		9.3		5.4		7.9		6.6		9.6		8.7		8.9		
		WC0109901	8.1	WC0110422	10.8	WC0109188	6.6	WC0109326	12.2	WC0109456	10.9	WC0109572	7.4	WC0109697	6.6	WC0109834	8.9	WC0109982	5.8	WC0110093	8.2	WC0110270	6.8		
			8.5		10.6		7.0		13.1		10.9		7.8		7.0		7.6		5.4		9.7		6.1		
		WC0109902	16.9	WC0109055	6.8	WC0110425	5.4	WC0109327	5.2	WC0109457	9.5	WC0110423	13.6	WC0109698	5.2	WC0109835	9.9	WC0109983	6.4	WC0110094	7.8	WC0110271	9.6		
			17.1		7.2		5.6		5.2		12.1		13.8		5.8		11.3		6.6		6.4		11.0		
		WC0110426	5.2	WC0110428	7.4	WC0110542	12.4	WC0110543	11.0	WC0110544	8.4	WC0110545	10.0												
			6.1		8.4		13.4		10.4		8.2		9.0												
		Unionised Ammonia mg/L	exceed 20%	WC0109895	0.004	WC0109048	0.004	WC0109182	0.002	WC0109320	0.001	WC0109450	<0.001	WC0109566	0.001	WC0110421	0.002	WC0110422	0.002	WC0110423	0.003	WC0110087	0.001	WC0110264	0.002
					0.004		0.003		0.002		0.001		0.001		<0.001		0.001		0.002		0.001		<0.001		0.002
WC0109896	0.001			WC0109049	0.003	WC0109183	0.001	WC0109321	0.001	WC0109451	0.001	WC0109567	0.001	WC0109692	0.001	WC0109829	<0.001	WC0109977	<0.001	WC0110088	<0.001	WC0110265	0.002		
	0.001				0.003		0.001		0.001		0.001		0.001		0.001		<0.001		<0.001		<0.001		0.002		
WC0109897	<0.001			WC0109050	0.005	WC0109184	<0.001	WC0109322	<0.001	WC0109452	<0.001	WC0109568	<0.001	WC0109693	0.001	WC0109830	0.001	WC0109978	<0.001	WC0110089	0.001	WC0110266	0.002		
	<0.001				0.005		<0.001		<0.001		<0.001		<0.001		0.001		<0.001		<0.001		0.001		0.002		
WC0109898	0.003			WC0109051	0.004	WC0109185	0.002	WC0109323	0.001	WC0109453	0.001	WC0109569	<0.001	WC0109694	<0.001	WC0109831	<0.001	WC0109979	<0.001	WC0110271	0.006	WC0110267	0.005		
	0.004				0.004		0.002		0.001		0.001		<0.001		<0.001		<0.001		<0.001		0.006		0.001		
WC0109899	0.004			WC0109052	0.004	WC0109186	0.001	WC0109324	<0.001	WC0109454	<0.001	WC0109570	0.001	WC0110424	0.001	WC0110425	0.003	WC0110270	0.001	WC0110091	<0.001	WC0110268	0.001		
	0.004				0.004		0.001		<0.001		<0.001		0.001		0.001		0.003		0.001		<0.001		0.001		
WC0109900	<0.001			WC0109053	0.002	WC0109187	<0.001	WC0109325	0.001	WC0109455	0.001	WC0109571	0.001	WC0109696	0.002	WC0109833	<0.001	WC0109981	0.001	WC0110092	<0.001	WC0110269	0.004		
	<0.001				0.003		<0.001		0.001		0.001		0.001		0.002		<0.001		0.001		<0.001		0.004		
WC0109901	<0.001			WC0109054	0.005	WC0109188	<0.001	WC0109326	<0.001	WC0109456	<0.001	WC0109572	<0.001	WC0109697	0.002	WC0109834	0.001	WC0109982	<0.001	WC0110093	<0.001	WC0110270			
	<0.001				0.005		<0.001		<0.001		<0.001		<0.001		0.002		0.001		<0.001		<0.001				
WC0109902	0.001			WC0110545	0.001	WC0109189	<0.001	WC0109327	<0.001	WC0109457	<0.001	WC0109573	<0.001	WC0109698	0.002	WC0109835	<0.001	WC0109983	<0.001	WC0110094	<0.001	WC0110271			
	0.001				0.001		<0.001		<0.001		<0.001		<0.001		0.002		<0.001		<0.001		<0.001				
Total Inorganic Nitrogen (as Nitrite + Nitrate) mg/L	exceed 20%			WC0109895	0.42	WC0109048	0.60	WC0109182	0.35	WC0109320	0.68	WC0109450	0.20	WC0109566	0.29	WC0110421	0.50	WC0110422	0.25	WC0110423	0.53	WC0110087	0.36	WC0110264	0.18
					0.43		0.59		0.33		0.73		0.22		0.30		0.52		0.25		0.54		0.36		0.20
				WC0109896	0.23	WC0109049	0.57	WC0109183	0.57	WC0109321	0.76	WC0109451	0.34	WC0109567	0.34	WC0109692	0.49	WC0109829	0.60	WC0109977	0.18	WC0110088	0.27	WC0110265	0.19
					0.23		0.54		0.51		0.58		0.34		0.33		0.47		0.59		0.18		0.32		0.19
		WC0109897	0.17	WC0109050	0.61	WC0109184	0.35	WC0109322	0.35	WC0109452	0.18	WC0109568	0.23	WC0109693	0.64	WC0109830	0.80	WC0109978	0.18	WC0110089	0.29	WC0110266	0.13		
			0.23		0.58		0.32		0.32		0.19		0.16		0.63		0.72		0.19		0.35		0.14		
		WC0109898	0.45	WC0109051	0.55	WC0109185	0.70	WC0109323	0.66	WC0109453	0.71	WC0109569	0.27	WC0109694	0.69	WC0109831	0.62	WC0110270	0.10	WC0110090	0.34	WC0110267	0.44		
			0.47		0.53		0.64		0.63		0.72		0.28		0.67		0.61		0.14		0.44		0.49		
		WC0109899	0.47	WC0109052	0.64	WC0109186	0.67	WC0109324	0.62	WC0109454	0.35	WC0109570	0.46	WC0110424	0.57	WC0110425	0.67	WC0110271	0.28	WC0110091	0.41	WC0110268	0.26		
			0.47		0.62		0.57		0.62		0.35		0.48		0.57		0.66		0.30		0.44		0.27		
		WC0109900	0.24	WC0109053	0.53	WC0109187	0.56	WC0109325	0.56	WC0109455	0.48	WC0109571	0.69	WC0109696	0.53	WC0109833	0.75	WC0109981	0.42	WC0110092	0.27	WC0110269	0.19		
			0.24		0.54		0.58		0.56		0.50		0.72		0.53		0.74		0.44		0.28		0.20		
		WC0109901	0.17	WC0109054	0.75	WC0109188	0.58	WC0109326	0.33	WC0109456	0.31	WC0109572	0.22	WC0109697	0.65	WC0109834	0.57	WC0109982	0.39	WC0110093	0.28	WC0110270			
			0.19		0.75		0.61		0.35		0.30		0.21		0.63		0.56		0.41		0.29				
		WC0109902	0.18	WC0109055	0.58	WC0109189	0.69	WC0109327	0.50	WC0109457	0.42	WC0109573	0.32	WC0109698	0.65	WC0109835	0.21	WC0109983	0.19	WC0110094	0.30	WC0110271			
			0.19		0.58		0.70		0.50		0.43		0.33		0.66		0.19		0.32						

Total: 94

Total: 86

Total: 86