

Appendix H

The QA/QC Procedures and Results

HIGH VOLUME AIR SAMPLER

SITE VISIT LOG SHEET

Site Name: R.E. Site No.: A.M.1
Date of visit: 14 - P. 2001 Hour of Visit: 11:15
Staff name: H.K. ISANG; W.L.MA HVAS S/N: EV07003
Used filter paper no.: LN84 New filter paper no.: LN86
Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \overset{35.2+273}{306.2}$ K Pressure, $P_a = 1008$ 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)	$\Delta H_a = 1.500(P_a/T_a) -$ _____
EV08B02	5.0 (3/01)	$\Delta H_a = 1.471(P_a/T_a) = 4.84$

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: EG Site No.: A.M.2
 Date of visit: 14-P-2001 Hour of Visit: 18:35
 Staff name: H.K. TSANG HVAS S/N: 2195
 Used filter paper no.: LW85 New filter paper no.: LW87
 Type of filter: Glass-fibre

I. Ambient Conditions

Temperature, $T_a = \frac{33.2 + 273}{273.2}$ K Pressure, $P_a = 1012$ 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)	$\Delta H_a - 1.500(P_a/T_a) -$ _____
EV08B02	5.0 (3/01)	$\Delta H_a = 1.471(P_a/T_a) = 4.86$

Manometer reading before calibration: 5.2

Adjustment of flow controller (Y/N): Y

Manometer reading after calibration: 4.9

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

PARTISOL TSP SAMPLER
SITE VISIT LOG SHEET

Site Name ASH LAGOON Site Number AM 3
Date of Visit 14-P-2021 Hour of Visit 14:05
Staff Name H.K. ISANG Partisol S/N: 2000820550001
Used Filter No.: PA31 New Filter No.: PA32
Ambient temperature: 33.2°C Ambient pressure: 1000 mbar

I. General Services

1. Replace control unit Large In-line Filter ✓
2. Clean the sample inlet head ✓
3. Clean sample tube ✓
4. Clean / Replace pump head Λ
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 TYV Site No. AM4
Date of Visit 14-9-2001 Hour of Visit 13:30
Staff Name N.L. MAK; H.K. TSANG MVAS S/N 206 P
Used Filter Paper No. ME93 New Filter Paper No. ME94

Type of Filter Paper: ~~Cellulose~~ / Glass-Fibre
(Delete as appropriate)

I. Calibration is performed by using DryCal DC-2 Flow
Calibrator

5 Sl/min set point is recommended

4890 Before 5005 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 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 : SEPT. 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)
1-9-2001	270.36	0.029	4	1.00	15.64
8-9-2001	271.69	0.030	4	1.00	15.64
13-9-2001	271.49	0.023	4	1.00	15.65
19-9-2001	271.02	0.036	4	1.00	15.65
25-9-2001	270.52	0.031	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)
1-9-2001	242.52	0.020	4	1.00	15.65
7-9-2001	242.45	0.034	4	1.00	15.64
13-9-2001	242.28	0.068	4	0.99	15.63
19-9-2001	241.90	0.047	4	1.00	15.65
25-9-2001	246.04	0.034	4	1.00	15.65

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)
1-9-2001	244.07	0.035	4	1.00	15.64
7-9-2001	243.99	0.025	4	1.00	15.64
13-9-2001	243.78	0.033	4	0.99	15.64
19-9-2001	243.34	0.030	4	0.99	15.64
25-9-2001	249.60	0.017	4	1.00	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:

The TEOM 1400A dust monitor at Reservoir (AM1) was tripped on 7/9/2001. Make up sampling was done on 8/9/2001.

Prepared by : ABG

Checked by : Cha

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

Location Ash Lagoon/~~Ching Lam*~~

Date 13 - 9 - 2001 Time 10 : 18

Equipment Rion NA-27 Sound Level Meter

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

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

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

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

Location Ash Lagoon/Ching Lam*
Date 18-9-2001 Time 13:50
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

28/3/2001

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	
3/9/01	Before	6.84	10.00	98.6	0.5	199.7	Billy
	After	6.86	10.01	100.0	0	200.0	
5/9/01	Before	6.85	9.98	97.4	0.2	198.3	i
	After	6.86	10.01	100.0	0.0	200.0	
7/9/01	Before	6.83	10.04	97.5	0.2	198.8	i
	After	6.86	10.01	100.0	0.0	200.0	
11/9/01	Before	6.91	10.02	96.8	0.4	197.6	i
	After	6.86	10.01	100.0	0.0	200.0	
14/9/01	Before	6.88	9.99	98.9	0.6	205.4	Franky
	After	6.86	10.01	100.0	0	200.0	
15/9/01	Before	6.88	10.15	101.3	0.5	198.0	Lan
	After	6.86	10.01	100.0	0	200.0	
17/9/01	Before	6.96	10.16	102.3	2.6	202.1	Lan
	After	6.86	10.01	100.0	0	200.0	
17/9/01	Before	6.88	9.97	96.3	0.9	206.4	Franky
	After	6.86	10.01	100.0	0.0	200.0	
25/9/01	Before	6.85	9.97	98.6	0.7	100.7	ming
	After	6.86	10.01	100.0	0.0	100.0	
27/9/01	Before	6.88	10.11	96.7	2.1	100.5	Lan
	After	6.86	10.01	100.0	0.0	100.0	
28/9/01	Before	6.86	10.00	97.9	1.7	102.4	Franky
	After	6.86	10.01	100.0	0.0	100.0	
29/9/01	Before	6.85	10.02	97.4	0.7	201.4	i
	After	6.86	10.01	100.0	0.0	200.0	
	Before						
	After						
	Before						
	After						

Approved by EMC: _____

KLTy

Date: 29/9/01

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
Suspended Solids mg/L	< 1	BK0109004	< 1	BK0109010	< 1	BK0109014	< 1	BK0109018	< 1	BK0109126	< 1	BK0110003	< 1
		BK0109104	< 1	BK0109110	< 1	BK0109114	< 1	BK0109218	< 1	BK0109226	< 1	BK0101013	< 1
		BK0109204	< 1	BK0109210	< 1	BK0109214	< 1	BK0109318	< 1	BK0109326	< 1	BK0110203	< 1
		BK0109304	< 1	BK0109310	< 1	BK0109314	< 1	BK0109418	< 1	BK0109426	< 1		
		BK0109006	< 1	BK0109012	< 1	BK0109017	< 1	BK0109020	< 1	BK0109028	< 1		
		BK0109106	< 1	BK0109112	< 1	BK0109117	< 1	BK0109120	< 1	BK0109128	< 1		
		BK0109206	< 1	BK0109212	< 1	BK0109217	< 1	BK0109220	< 1	BK0109228	< 1		
		BK0109306	< 1	BK0109313	< 1	BK0109317	< 1	BK0109320	< 1	BK0109328	< 1		
Total: 43													
Unionized Ammonia (as Ammonia) mg/L	< 0.01	BK0109004	< 0.01	BK0109010	< 0.01	BK0109014	< 0.01	BK0109018	< 0.01	BK0109026	< 0.01		
		BK0109104	< 0.01	BK0109110	< 0.01	BK0109114	< 0.01	BK0109118	< 0.01	BK0109126	< 0.01		
		BK0109204	< 0.01	BK0109210	< 0.01	BK0109214	< 0.01	BK0109218	< 0.01	BK0109226	< 0.01		
		BK0109304	< 0.01	BK0109310	< 0.01	BK0109314	< 0.01	BK0109318	< 0.01	BK0109326	< 0.01		
		BK0109006	< 0.01	BK0109012	< 0.01	BK0109017	< 0.01	BK0109020	< 0.01	BK0109028	< 0.01		
		BK0109106	< 0.01	BK0109112	< 0.01	BK0109117	< 0.01	BK0109120	< 0.01	BK0109128	< 0.01		
		BK0109206	< 0.01	BK0109212	< 0.01	BK0109217	< 0.01	BK0109220	< 0.01	BK0109228	< 0.01		
		BK0109306	< 0.01	BK0109313	< 0.01	BK0109317	< 0.01	BK0109320	< 0.01	BK0109328	< 0.01		
Total: 40													
Total Inorganic Nitrogen (as Nitrite and Nitrate) mg/L	< 0.01	BK0109005	< 0.01	BK0109210	< 0.01	BK0109114	< 0.01	BK0109019	< 0.01	BK0109026	< 0.01		
		BK0109105	< 0.01	BK0109011	< 0.01	BK0109214	< 0.01	BK0109119	< 0.01	BK0109126	< 0.01		
		BK0109205	< 0.01	BK0109111	< 0.01	BK0109017	< 0.01	BK0109219	< 0.01	BK0109027	< 0.01		
		BK0109006	< 0.01	BK0109211	< 0.01	BK0109117	< 0.01	BK0109020	< 0.01	BK0109127	< 0.01		
		BK0109106	< 0.01	BK0109012	< 0.01	BK0109217	< 0.01	BK0109120	< 0.01	BK0109028	< 0.01		
		BK0109206	< 0.01	BK0109112	< 0.01	BK0109018	< 0.01	BK0109021	< 0.01	BK0109128	< 0.01		
		BK0109010	< 0.01	BK0109013	< 0.01	BK0109118	< 0.01	BK0109121	< 0.01	BK0109228	< 0.01		
		BK0109110	< 0.01	BK0109113	< 0.01	BK0109218	< 0.01	BK0109024	< 0.01	BK0109328	< 0.01		
Total: 40													

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		
Suspended Solids mg/L	exceed 20%	WC0112400	7.6	WC0112626	6.5	WC0112862	6.3	WC0113033	5.5	WC0113249	7.7	WC0113451	7.0		
			6.4		6.9		5.9		5.9		7.1		7.8		
			8.6		5.9		8.9		15.6		7.0		4.0		
		WC0112415	9.0	WC0112641	6.3	WC0112877	8.7	WC0113048	13.6	WC0113264	7.4	WC0113466	4.4		8.2
			8.8		8.2		5.9		5.4		7.3		8.2		
		WC0112436	8.0	WC0112662	7.8	WC0112898	5.5	WC0113069	4.8	WC0113285	7.1	WC0113487	8.6		
			5.0		6.8		11.6		6.9		9.6				
		WC0112451	5.0	WC0112667	7.2	WC0112913	11.4	WC0113084	7.1	WC0113300	9.0				
			6.7		5.6		6.1		8.5		7.0				
		WC0112494	7.0	WC0112748	5.8	WC0112948	5.5	WC0113124	8.5	WC0113343	7.0				
			4.4		5.4		13.7		9.4		12.5				
		WC0112509	4.4	WC0112763	5.0	WC0112963	14.7	WC0113139	9.4	WC0113358	11.9				
			5.0		7.1		4.3		7.2		8.9				
		WC0112530	5.8	WC0112784	7.1	WC0112984	4.1	WC0113160	6.2	WC0113379	8.5				
			7.6		8.1		4.3		7.5		8.1				
WC0112545	7.8	WC0112799	7.7	WC0113001	4.2	WC0113175	6.7	WC0113394	7.7						
Unionised Ammonia (as Ammonia) mg/L	exceed 20%	WC0112400	0.010	WC0112626	<0.001	WC0112862	<0.001	WC0113033	<0.001	WC0113487	0.001				
			0.010		<0.001		0.001		<0.001		0.001				
			0.001		<0.001		<0.001		<0.001		0.001				
		WC0113451	0.001	WC0112641	<0.001	WC0112877	<0.001	WC0113048	<0.001	WC0113264	0.001				
			0.004		<0.001		<0.001		0.001		0.001				
		WC0112436	0.004	WC0112662	<0.001	WC0112898	<0.001	WC0113069	<0.001	WC0113285	0.001				
			0.003		<0.001		0.001		<0.001		0.003				
		WC0112451	0.003	WC0112667	<0.001	WC0112913	0.001	WC0113084	<0.001	WC0113300	0.003				
			0.004		<0.001		<0.001		0.005		<0.001				
		WC0112494	0.004	WC0112748	<0.001	WC0112948	<0.001	WC0113124	0.005	WC0113343	<0.001				
			0.004		<0.001		<0.001		0.004		0.002				
		WC0112509	0.004	WC0112763	<0.001	WC0112963	<0.001	WC0113139	0.004	WC0113358	0.002				
			0.004		<0.001		<0.001		0.001		<0.001				
		WC0112530	0.004	WC0112784	<0.001	WC0112984	<0.001	WC0113466	0.001	WC0113379	<0.001				
			0.004		<0.001		<0.001		0.004		0.002				
WC0112545	0.004	WC0112799	<0.001	WC0112999	<0.001	WC0113175	0.004	WC0113394	0.002						
Total Inorganic Nitrogen (as Nitrite + Nitrate) mg/L	exceed 20%	WC0112400	0.23	WC0112626	0.17	WC0112862	0.06	WC0113033	0.05	WC0113249	0.05				
			0.23		0.18		0.06		0.06		0.05				
			0.32		0.48		0.28		0.18		0.06				
		WC0112415	0.32	WC0112641	0.49	WC0112877	0.28	WC0113048	0.17	WC0113264	0.06				
			0.16		0.14		0.11		<0.01		0.06				
		WC0112436	0.17	WC0112662	0.14	WC0112898	0.11	WC0113069	<0.01	WC0113285	0.06				
			0.30		0.32		0.17		0.18		0.14				
		WC0112451	0.30	WC0112667	0.36	WC0112913	0.17	WC0113084	0.18	WC0113300	0.14				
			0.19		0.09		0.02		0.04		0.05				
		WC0112494	0.19	WC0112748	0.10	WC0112948	0.02	WC0113124	0.04	WC0113343	0.04				
			0.32		0.34		0.27		0.09		0.04				
		WC0112509	0.32	WC0112763	0.34	WC0112963	0.27	WC0113139	0.10	WC0113358	0.05				
			0.19		0.09		0.07		0.01		0.06				
		WC0112530	0.19	WC0112784	0.08	WC0113451	0.06	WC0113160	0.01	WC0113379	0.06				
			0.33		0.32		0.23		0.18		0.08				
WC0112545	0.32	WC0112799	0.32	WC0112999	0.23	WC0113175	0.18	WC0113394	0.08						

Total:43

Total: 40

Total: 40

SUMMARY OF QUALITY CONTROL DATA - MATRIX SPIKE RESULTS

Parameter	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)	Spiked ID	Recovery (%)
Unionized Ammonia (as Ammonia) mg/L	RT0109004	106.0	RT0109010	93.0	RT0109014	95.0	RT0109018	104.0	RT0109026	107.0
	RT0109104	114.0	RT0109110	99.0	RT0109114	101.0	RT0109118	98.0	RT0109126	107.0
	RT0109204	102.0	RT0109210	103.0	RT0109214	96.0	RT0109218	102.0	RT0109226	109.0
	RT0109304	108.0	RT0109310	104.0	RT0109314	101.0	RT0109318	101.0	RT0109326	104.0
	RT0109006	89.0	RT0109012	108.0	RT0109017	95.0	RT0109020	96.0	RT0109028	101.0
	RT0109106	95.0	RT0109112	107.0	RT0109117	101.0	RT0109120	96.0	RT0109128	105.0
	RT0109206	95.0	RT0109212	110.0	RT0109217	100.0	RT0109220	101.0	RT0109228	101.0
	RT0109306	90.0	RT0109312	113.0	RT0109317	98.0	RT0109320	103.0	RT0109328	104.0
Total Inorganic Nitrogen (as Nitrite + Nitrate) mg/L	RT0109005	111.5	RT0109210	114.4	RT0109114	99.9	RT0109019	111.1	RT0109026	98.9
	RT0109105	93.9	RT0109011	118.0	RT0109214	104.0	RT0109119	86.4	RT0109126	101.7
	RT0109205	93.9	RT0109111	100.2	RT0109017	94.1	RT0109219	87.8	RT0109027	101.8
	RT0109006	93.5	RT0109211	94.7	RT0109117	103.9	RT0109020	103.0	RT0109127	104.5
	RT0109106	94.8	RT0109012	102.1	RT0109217	101.1	RT0109120	106.8	RT0109028	101.4
	RT0109206	96.2	RT0109112	102.1	RT0109018	93.4	RT0109021	100.5	RT0109128	100.0
	RT0109010	90.9	RT0109013	92.7	RT0109118	113.3	RT0109121	106.1	RT0109228	91.7
	RT0109110	95.1	RT0109113	98.2	RT0109218	104.8	RT0109024	102.0	RT0109328	103.2

Total: 40

Total: 40

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
Suspended Solids mg/L	8.9 - 10.3	QC0109004	9.9	QC0109010	9.5	QC0109014	9.8	QC0109018	9.6	QC0109126	9.7	BK0110003	9.2
		QC0109104	9.4	QC0109110	10.0	QC0109114	10.0	QC0109218	9.5	QC0109226	9.7	BK0101013	9.8
		QC0109204	9.3	QC0109210	9.7	QC0109214	9.6	QC0109318	9.7	QC0109326	9.3	BK0110203	9.8
		QC0109304	9.3	QC0109310	9.3	QC0109314	9.6	QC0109418	9.3	QC0109426	9.5		
		QC0109006	9.5	QC0109012	9.2	QC0109017	9.1	QC0109020	9.5	QC0109028	9.8		
		QC0109106	9.7	QC0109112	9.3	QC0109117	10.2	QC0109120	10.0	QC0109128	10.0		
		QC0109206	9.2	QC0109212	9.8	QC0109217	9.7	QC0109220	9.3	QC0109228	9.4		
Unionized Ammonia (as Ammonia) mg/L	0.09 - 0.12	QC0109004	0.11	QC0109010	0.10	QC0109014	0.10	QC0109018	0.11	QC0109126	0.12		
		QC0109104	0.11	QC0109110	0.10	QC0109114	0.10	QC0109118	0.11	QC0109226	0.11		
		QC0109204	0.11	QC0109210	0.10	QC0109214	0.10	QC0109218	0.10	QC0109326	0.12		
		QC0109304	0.11	QC0109310	0.10	QC0109314	0.10	QC0109318	0.10	QC0109426	0.11		
		QC0109006	0.10	QC0109012	0.10	QC0109017	0.10	QC0109020	0.10	QC0109028	0.10		
		QC0109106	0.10	QC0109112	0.10	QC0109117	0.09	QC0109120	0.10	QC0109128	0.10		
		QC0109206	0.10	QC0109212	0.11	QC0109217	0.10	QC0109220	0.11	QC0109228	0.10		
Total Inorganic Nitrogen (as Nitrite and Nitrate) mg/L	0.36 - 0.44	QC0109005	0.39	QC0109210	0.38	QC0109114	0.38	QC0109019	0.39	QC0109026	0.39		
		QC0109105	0.40	QC0109011	0.40	QC0109214	0.38	QC0109119	0.39	QC0109126	0.40		
		QC0109205	0.40	QC0109111	0.39	QC0109017	0.39	QC0109219	0.38	QC0109027	0.38		
		QC0109006	0.38	QC0109211	0.38	QC0109117	0.39	QC0109020	0.39	QC0109127	0.39		
		QC0109106	0.40	QC0109012	0.39	QC0109217	0.40	QC0109120	0.39	QC0109028	0.38		
		QC0109206	0.38	QC0109112	0.39	QC0109018	0.40	QC0109021	0.41	QC0109128	0.38		
		QC0109010	0.38	QC0109013	0.40	QC0109118	0.39	QC0109121	0.40	QC0109228	0.39		
		QC0109110	0.39	QC0109113	0.40	QC0109218	0.39	QC0109024	0.40	QC0109328	0.39		
Total: 43													
Total: 40													
Total: 40													

