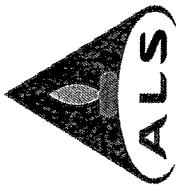


May 2015

	29-May-15 UK1518208: 039	29-May-15 UK1518208: 040	29-May-15 UK1518208: 041	29-May-15 UK1518208: 042
RESIDUE	RESIDUE	RESIDUE	RESIDUE	RESIDUE
10.8	10.6	10.8	10.8	10.8
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
2	2	2	<1	<1
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
2	1	1	<1	<1
<0.2	<0.2	<0.2	<1	<1
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
<1	<1	<1	<1	<1
<0.2	<0.2	<0.2	<1	<1
<1	<1	<1	<1	<1

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: VW-YES(HK) LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 15
Contact	: MS JENNIFER CHAN	Contact	: Fung Lim Chee, Richard	Work Order	: HK1514412
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: jennifer.chan@veolia.com	E-mail	: Richard.Fung@alsglobal.com	Date Samples Received	
Telephone	: +852 2910 9709	Telephone	: +852 2610 1044	Issue Date	: 04-MAY-2015
Faximile	: +852 2430 8011	Faximile	: +852 2610 2021	No. of samples received	: 06-MAY-2015
Project	: -----	Quote number	: -----	No. of samples analyzed	: 25
Order number	: -----				
C-O-C number	: -----				
Site	: -----				

This report may not be reproduced except with prior written approval from the testing laboratory.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.

Signatories

Fung Lim Chee, Richard

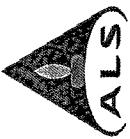
Position

General Manager

Authorised results for

Inorganics

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 15
Client : VW-VES(HK) LTD
Work Order : HK1514412

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 05-MAY-2015
Key: IOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1514412

Samples were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Samples analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate samples were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 15
Client : VW-YES(HK) LTD
Work Order : HK1514412



Analytical Results

Sub-Matrix: SOLID

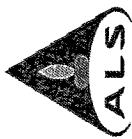
Client sample ID		ASH AF SHIFT D	ASH BE	ASH BE	ASH B 中間灰
Client sampling date / time		NIGHT	NIGHT	01-MAY-2015 16:15	01-MAY-2015 16:20
Compound	CAS Number	LOR	Unit	HK1514412-003	HK1514412-004
EA/ED: Physical and Aggregate Properties					
EA002: pH Value	---	0.1	pH Unit	9.8	9.4
EA055: Moisture Content (dried @ 103 °C)	---	0.1	%	0.5 0.1	24.5 31.9
					9.3 25.1

Page Number : 4 of 15
Client : VW-YES(HK) LTD
Work Order : HK1514412



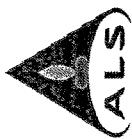
Sub-Matrix: SOLID		Client sample ID		ASH B 中間灰		ASH AE		ASH AE		RESIDUE AF SHIFT D	
Compound	CAS Number	Client sampling date / time		01-MAY-2015 17:45		02-MAY-2015 08:00		02-MAY-2015 08:25		27-APR-2015 00:00	
		LOR	Unit	HK1514412-006	HK1514412-007	HK1514412-008	HK1514412-009	HK1514412-009	HK1514412-010	HK1514412-010	HK1514412-010
EA/ED: Physical and Aggregate Properties											
EA002: pH Value	----	0.1	pH Unit	9.4	9.6	9.4	9.4	10.2	10.2	10.0	10.0
EA055: Moisture Content (dried @ 103 °C)	----	0.1	%	16.9	10.7	13.7	13.7	0.8	0.8	0.6	0.6

Page Number : 5 of 15
Client : VW-VES(HK) LTD
Work Order : HK1514412



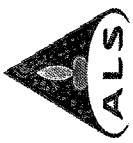
Sub-Matrix: SOLID	Client sample ID		Client sampling date / time		Residue AF		Residue BF		Residue BF	
	CAS Number	Unit	LOR	Unit	01-MAY-2015 13:50	01-MAY-2015 14:13	01-MAY-2015 14:50	01-MAY-2015 07:40	01-MAY-2015 08:15	
EA/ED: Physical and Aggregate Properties										
EA002: pH Value	----	0.1	pH Unit	10^-4	10.7	10.6	10.7	10.7	10.7	
EA055: Moisture Content (dried @ 103 °C)	----	0.1	%	23.0	26.2	24.5	24.3	24.3	24.8	

Page Number : 6 of 15
Client : W-VES(HK) LTD
Work Order : HK1514412

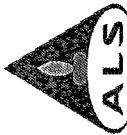


Compound	CAS Number	LOR	Unit	Client sample ID	RESIDUE BF	RESIDUE BF	RESIDUE BF	RESIDUE BF
				Client sampling date / time	01-MAY-2015 08:40	01-MAY-2015 08:40	01-MAY-2015 09:40	01-MAY-2015 10:40
EA/ED: Physical and Aggregate Properties								
EA002: pH Value	----	0.1	pH Unit	10.8	10.8	10.8	10.8	10.8
EA055: Moisture Content (dried @ 103 °C)	----	0.1	%	26.1	21.5	27.2	19.9	25.1

Page Number : 7 of 15
Client : VW-VES(HK) LTD
Work Order : HK1514412



Sub-Matrix: SOLID				Client sample ID	RESIDUE BF	RESIDUE BF	ASH AE	RESIDUE AE	
Compound	CAS Number	LOR	Unit	Client sampling date / time	01-MAY-2015 12:00	01-MAY-2015 12:44	01-MAY-2015 13:22	03-MAY-2015 07:45	03-MAY-2015 08:06
				HK1514412-021	HK1514412-022	HK1514412-023	HK1514412-024	HK1514412-025	
EA/ED: Physical and Aggregate Properties									
EA002: pH Value	----	0.1	pH Unit	10.6	10.6	10.8	10.7	10.9	
EA055: Moisture Content (dried @ 103 °C)	----	0.1	%	22.0	26.7	22.6	38.1	28.3	

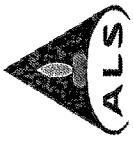


Compound	Client sample ID			ASH AF SHIFT D	ASH BE	ASH B 中間灰
	Cas Number	LOR	Unit	27-APR-2015 12:00	01-MAY-2015 12:00	01-MAY-2015 12:00
EG: Metals and Major Cations - Filtered						
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	2	<1	<1
Sample Preparation Method		---	--	1	1	1
E-TCLP: Extraction Fluid Number						

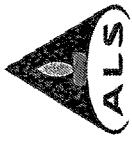


Sub-Matrix: TCLP LEACHATE

Compound	Client sample ID		ASH AE		ASH AE		RESIDUE AF SHIFT D NIGHT		RESIDUE AF SHIFT D NIGHT	
	CAS Number	Unit	01-MAY-2015 12:00	02-MAY-2015 12:00	02-MAY-2015 12:00	02-MAY-2015 12:00	27-APR-2015 12:00	27-APR-2015 12:00	HK1514412-008	HK1514412-009
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	ng/kg	<1	<1	<1	<1	<1	<1	2
EG020: Lead	7439-92-1	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2	<0.2	<0.2	<0.2	0.2	0.2	<0.2
EG020: Silver	7440-22-4	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	ng/kg	<1	<1	<1	<1	4	4	2
Sample Preparation Method										
E-TCLP: Extraction Fluid	....	-	--	1	1	1	1	2	2	2



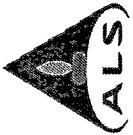
Compound	CAS Number	LOR	Unit	Client sample ID		Client sampling date / time	01-MAY-2015 12:00						
EG: Metals and Major Cations - Filtered													
EG020: Antimony	7440-36-0	1	ng/kg	<1			<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	ng/kg	<1			<1		<1		<1		<1
EG020: Barium	7440-39-3	1	ng/kg	<1			<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	ng/kg	<1			<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	ng/kg	<1			<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	ng/kg	<1			<1		<1		<1		<1
EG020: Copper	7440-50-8	1	ng/kg	2			1		1		2		2
EG020: Lead	7439-99-1	1	ng/kg	<1			<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2			<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	ng/kg	<1			<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2			<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	ng/kg	<1			<1		<1		<1		<1
EG020: Thallium	7440-23-0	1	ng/kg	<1			<1		<1		<1		<1
EG020: Tin	7440-31-5	1	ng/kg	<1			<1		<1		<1		<1
EG020: Vanadium	7440-62-2	1	ng/kg	<1			<1		<1		<1		<1
EG020: Zinc	7440-56-6	1	ng/kg	2			<1		1		1		1
Sample Preparation Method													
B-TCLP: Extraction Fluid	-----	-	--				2		2		2		2
Number													



Compound	CAS Number	Client sample ID	Client sampling date / time	RESIDUE BF		RESIDUE BF	RESIDUE BF	RESIDUE BF
				LOR	Unit	01-MAY-2015 12:00	01-MAY-2015 12:00	01-MAY-2015 12:00
EI: Metals and Major Cations - Filtered								
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	2		1	1	1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2	<0.2	<0.2
EG020: Silver	7440-77-4	1	mg/kg	<1		<1	<1	<1
EG020: Thallium	7440-78-0	1	mg/kg	<1		<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1	<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1		<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	1		1	1	1
Sample Preparation Method								
E-TCLP: Extraction Fluid	....	-	--	2		2	2	2
Number								



Compound	Client sample ID			Client sampling date / time		RESIDUE BF		RESIDUE BF		ASH AE		RESIDUE AE	
	CAS Number	LOR	Unit	01-MAY-2015 12:00		01-MAY-2015 12:00		01-MAY-2015 12:00		03-MAY-2015 12:00		03-MAY-2015 12:00	
EG: Metals and Major Cations - Filtered													
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Copper	7440-50-8	1	mg/kg	2		2		2		2		1	
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1		<1	
EG020: Zinc	7440-66-6	1	mg/kg	1		1		1		1		1	
Sample Preparation Method													
B-TCLP: Extraction Fluid Number	----	--		2		2		2		1		1	
													2



Laboratory Duplicate (DUP) Report

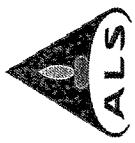
Matrix: SOIL

Laboratory sample ID		Client sample ID		Method: Compound		Laboratory Duplicate (DUP) Report			
CAS Number	LOR	Unit	Result	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and Aggregate Properties (QC Lot:3921465)									
HK1514412-001	ASH AF SHIFT D NIGHT	Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)	-----	0.1 %	0.5 %	0.4	26.4	
HK1514412-011	RESIDUE AF	Moisture Content (dried @ 103 °C)	EA055: Moisture Content (dried @ 103 °C)	-----	0.1 %	23.0 %	22.6	1.9	
EA/ED: Physical and Aggregate Properties (QC Lot:3921466)									
HK1514412-021	RESIDUE BF	Moisture Content (dried @ 103°C)	EA055: Moisture Content (dried @ 103°C)	-----	0.1 %	22.0 %	21.8	0.8	
EA/ED: Physical and Aggregate Properties (QC Lot:3922160)									
HK1514412-001	ASH AF SHIFT D NIGHT	pH Value	BA002: pH Value	-----	0.1 pH Unit	9.8 pH Unit	9.8	0.0	
EA/ED: Physical and Aggregate Properties (QC Lot:3922161)									
HK1514412-021	RESIDUE BF	pH Value	BA002: pH Value	-----	0.1 pH Unit	10.6 pH Unit	10.7	0.0	

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Duplicate (DCS) Report

Matrix: WATER

Laboratory sample ID		Client sample ID		Method: Compound		Laboratory Control Spike (LCS) and Laboratory Duplicate (DCS) Report						
CAS Number	LOR	Unit	Result	Concentratio n	Spike Recovery (%)	DCS	Recovery Limits	Low	High	Value	RPD(%)	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot:3922818)												
EG020: Antimony	7440-36-0	1 mg/L	<1	1 mg/L	98.4	-----	76	118	-----	72	124	-----
EG020: Arsenic	7440-38-2	1 mg/L	<1	1 mg/L	108	-----	80	120	-----	74	122	-----
EG020: Barium	7440-39-3	1 mg/L	<1	1 mg/L	103	-----	79	117	-----	78	120	-----
EG020: Beryllium	7440-41-7	1 mg/L	<1	1 mg/L	105	-----	78	118	-----	79	115	-----
EG020: Cadmium	7440-43-9	0.1 mg/L	<0.1	1 mg/L	93.5	-----	76	120	-----	78	122	-----
EG020: Chromium	7440-47-3	1 mg/L	<1	1 mg/L	99.4	-----	78	117	-----	78	118	-----
EG020: Copper	7440-50-8	1 mg/L	<1	1 mg/L	101	-----	78	117	-----	79	115	-----
EG020: Lead	7439-92-1	1 mg/L	<1	1 mg/L	108	-----	76	120	-----	78	119	-----
EG020: Mercury	7439-97-6	0.1 mg/L	<0.1	0.02 mg/L	116	-----	78	119	-----	78	120	-----
EG020: Nickel	7440-02-0	1 mg/L	<1	1 mg/L	102	-----	76	124	-----	78	119	-----
EG020: Selenium	7782-49-2	0.2 mg/L	<0.2	1 mg/L	109	-----	76	114	-----	81	113	-----
EG020: Silver	7440-22-4	1 mg/L	<1	1 mg/L	97.2	-----	78	117	-----	76	122	-----
EG020: Thallium	7440-28-0	1 mg/L	<1	1 mg/L	103	-----	78	117	-----	79	119	-----
EG020: Tin	7440-31-5	1 mg/L	<1	1 mg/L	97.1	-----	78	124	-----	79	120	-----
EG020: Vanadium	7440-62-2	1 mg/L	<1	1 mg/L	105	-----	78	120	-----	79	117	-----
EG020: Zinc	7440-66-6	1 mg/L	<1	1 mg/L	98.6	-----	78	120	-----	78	120	-----
EG: Metals and Major Cations - Filtered (QC Lot:3922819)												
EG020: Antimony	7440-36-0	1 mg/L	<1	1 mg/L	92.8	-----	76	118	-----	72	124	-----
EG020: Arsenic	7440-38-2	1 mg/L	<1	1 mg/L	102	-----	80	120	-----	74	122	-----
EG020: Barium	7440-39-3	1 mg/L	<1	1 mg/L	96.6	-----	78	117	-----	79	119	-----
EG020: Beryllium	7440-41-7	1 mg/L	<1	1 mg/L	96.2	-----	78	120	-----	79	117	-----
EG020: Cadmium	7440-43-9	0.1 mg/L	<0.1	1 mg/L	90.8	-----	78	120	-----	78	120	-----
EG020: Chromium	7440-47-3	1 mg/L	<1	1 mg/L	99.8	-----	78	120	-----	78	120	-----



Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration		Spike Recovery (%)		Recovery Limits		RSD (%)	Control Limit
					DCS	LCS	DCS	LCS	Low	High		
EG: Metals and Major Cations - Filtered (QC Lot: 3922819) -Continued												
EG020: Copper	7440-50-8	1	mg/L	<1		1 mg/L	99.7	99.7	78	118	---	---
EG020: Lead	7439-92-1	1	mg/L	<1		1 mg/L	106	106	79	115	---	---
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1		0.02 mg/L	111	111	76	120	---	---
EG020: Nickel	7440-02-0	1	mg/L	<1		1 mg/L	102	102	78	120	---	---
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2		1 mg/L	95.7	95.7	81	119	---	---
EG020: Silver	7440-22-4	1	mg/L	<1		1 mg/L	99.2	99.2	76	114	---	---
EG020: Thallium	7440-28-0	1	mg/L	<1		1 mg/L	102	102	81	113	---	---
EG020: Tin	7440-31-5	1	mg/L	<1		1 mg/L	91.9	91.9	79	119	---	---
EG020: Vanadium	7440-62-2	1	mg/L	<1		1 mg/L	101	101	78	124	---	---
EG020: Zinc	7440-66-6	1	mg/L	<1		1 mg/L	98.4	98.4	70	130	---	---

Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method Blank (MB) Report

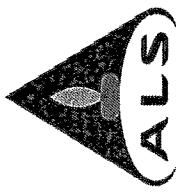
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Laboratory sample ID	Client sample ID	Method: Command	Spike Concentration	Spike Recovery%		Recovery Limits		RPD (%)	Control Limit
				MS	MSD	Low (%)	High (%)		
EG: Metals and Major Cations - Filtered (QC Lot: 3922818)									
HK1514412-001	ASH AF SHIFT D NIGHT								
			7440-36-0	1 mg/L	101	-----	75	125	-----
			7440-38-2	1 mg/L	110	-----	75	125	-----
			7440-39-3	1 mg/L	106	-----	75	125	-----
			7440-41-7	1 mg/L	105	-----	75	125	-----
			7440-43-9	1 mg/L	95.6	-----	75	125	-----
			7440-47-3	1 mg/L	102	-----	75	125	-----
			7440-50-8	1 mg/L	102	-----	75	125	-----
			7439-92-1	1 mg/L	105	-----	75	125	-----
			7439-97-6	0.02 mg/L	112	-----	75	125	-----
			7440-02-0	1 mg/L	101	-----	75	125	-----
			7782-49-2	1 mg/L	113	-----	75	125	-----
			7440-22-4	1 mg/L	89.0	-----	75	125	-----
			7440-28-0	1 mg/L	97.7	-----	75	125	-----
			7440-31-5	1 mg/L	98.0	-----	75	125	-----
			7440-62-2	1 mg/L	107	-----	75	125	-----
			7440-66-6	1 mg/L	104	-----	75	125	-----
EG: Metals and Major Cations - Filtered (QC Lot: 3922819)									
HK1514412-001	RESIDUE BF								
			7440-36-0	1 mg/L	99.9	-----	75	125	-----
			7440-38-2	1 mg/L	109	-----	75	125	-----
			7440-39-3	1 mg/L	102	-----	75	125	-----
			7440-41-7	1 mg/L	101	-----	75	125	-----
			7440-43-9	1 mg/L	95.0	-----	75	125	-----
			7440-47-3	1 mg/L	107	-----	75	125	-----
			7440-50-8	1 mg/L	77.3	-----	75	125	-----
			7439-92-1	1 mg/L	102	-----	75	125	-----
			7439-97-6	0.02 mg/L	112	-----	75	125	-----
			7440-02-0	1 mg/L	102	-----	75	125	-----
			7782-49-2	1 mg/L	124	-----	75	125	-----
			7440-22-4	1 mg/L	75.9	-----	75	125	-----
			7440-28-0	1 mg/L	99.1	-----	75	125	-----
			7440-31-5	1 mg/L	97.8	-----	75	125	-----
			7440-62-2	1 mg/L	110	-----	75	125	-----
			7440-66-6	1 mg/L	92.0	-----	75	125	-----

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: VW-VES(HK) LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 10
Contact	: MS JENNIFER CHAN	Contact	: Fung Lim Chee, Richard	Work Order	
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: jennifer.chan@veolia.com	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2910 9709	Telephone	: +852 2610 1044		
Fax/simile	: +852 2430 8011	Fax/simile	: +852 2610 2021		
Project	: -----	Quote number	: -----	Date Samples Received	: 06-MAY-2015
Order number	: -----			Issue Date	: 08-MAY-2015
C-O-C number	: -----			No. of samples received	: 13
Site	: -----			No. of samples analysed	: 13

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.

Signatures

Position

Authorised results for

Fung Lim Chee, Richard

General Manager

Inorganics

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2810 1044 Fax: +852 2810 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 10
Client : VM-YES(HK) LTD
Work Order : HK1514725

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is:

07-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: **HK1514725**

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.
Sample(s) analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 10
Client : VM-VES(HK) LTD
Work Order : HK1514725

Analytical Results

Sub-Matrix: SOLID

Client sample ID		ASH AF SHIFT D NIGHT		RESIDUE AF SHIFT D NIGHT		ASH AF		ASH AF		RESIDUE AF	
Client sampling date /time		05-MAY-2015 00:00		05-MAY-2015 00:00		05-MAY-2015 14:00		05-MAY-2015 13:10		05-MAY-2015 17:30	
Compound		CAS Number	LOR	Unit	HK1514725-001	HK1514725-002	HK1514725-003	HK1514725-004	HK1514725-005		
EA/ED: Physical and Aggregate Properties											
EA002: pH Value		—		pH Unit	9.7	9.8	9.5	9.6	9.6	10.8	
EA056: Moisture Content (dried @ 103°C)		—		%	0.2	0.8	26.8	9.6	9.6	19.8	

Page Number : 4 of 10
Client : VM-YES(HK) LTD
Work Order : HK1514725



Sub-Matrix: SOLID		Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time	05-MAY-2015 11:10	05-MAY-2015 14:45	05-MAY-2015 15:45	05-MAY-2015 09:40
		LOR	HK1514725-006	HK1514725-007	HK1514725-008	HK1514725-009
EA/ED: Physical and Aggregate Properties						
EA002: pH Value	—	0.1	pH Unit	10.6	10.5	10.6
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	26.8	24.9	22.7

Page Number : 5 of 10
Client : VW-VES(HK) LTD
Work Order : HK1514725

Sub-Matrix: SOLID

EA/ED: Physical and Aggregate Properties			
EA002: pH Value	—	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	—	0.1	%

Compound	CAS Number	LOR	Unit	RESIDUE AF		ASH AF SHIFT D NIGHT		RESIDUE AF SHIFT D NIGHT	
				Client sampling date /time	05-MAY-2015 09:00	06-MAY-2015 00:00	06-MAY-2015 00:00	06-MAY-2015 00:00	06-MAY-2015 00:00
				HK1514725-011		HK1514725-012		HK1514725-013	



Sub-Matrix: TCLP LEACHATE

Compound	Client sample ID	ASH AF SHIFT D NIGHT		RESIDUE AF SHIFT D NIGHT		ASH AF		RESIDUE AF	
		LOR	Unit	HK1514725-001	HK1514725-002	HK1514725-003	HK1514725-004	HK1514725-005	
EG: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1	2	<1	<1	<1	1
EG020: Lead	7438-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	2	2	<1	<1	<1	<1
Sample Preparation Method									
E-TCLP: Extraction Fluid Number	—	—	—	1	2	1	1	2	2



Compound	CAS Number	Client sample ID	RESIDUE AF		RESIDUE AF	RESIDUE AF	RESIDUE AF					
			Client sampling date / time	LOR	05-MAY-2015 12:00	HK1514726-006	05-MAY-2015 12:00	HK1514726-007	05-MAY-2015 12:00	HK1514726-008	05-MAY-2015 12:00	HK1514726-009
EC: Metals and Major Cations - Filtered												
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1		<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1		<1
EG020: Copper	7440-50-8	1	mg/kg	<1		2		2		2		2
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1		<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1		<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1		<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		1		1		<1		1
EG020: Zinc	7440-66-6	1	mg/kg	<1								
Sample Preparation Method												
E-TCLP: Extraction Fluid Number			-	-	1	2	2	2	2	2	2	2



Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	Client sample ID	RESIDUE AF		ASH AF SHIFT D NIGHT		RESIDUE AF SHIFT D NIGHT	
			Client sampling date /time	LOR	Unit	05-MAY-2015 12:00	HK1514725-011	06-MAY-2015 12:00
EG: Metals and Major Cations - Filtered								
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	<1	
EG020: Copper	7440-50-8	1	mg/kg	1		<1	1	
EG020: Lead	7439-92-1	1	mg/kg	<1		<1	<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2	0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1		<1	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1		<1	<1	
EG020: Vanadium	7440-82-2	1	mg/kg	<1		<1	<1	
EG020: Zinc	7440-86-6	1	mg/kg	<1		4	4	
Sample Preparation Method								
E-TCLP: Extraction Fluid Number	—	—	—	2	1	1	2	2



Laboratory Duplicate (DUP) Report

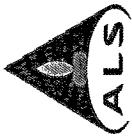
Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound
EA/EQ: Physical and Aggregate Properties (QC Lot: 3924413)		
HK1514725-001	ASH AF SHIFT D NIGHT	EA055: Moisture Content (dried @ 103°C)
HK1514725-011	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)
EA/EQ: Physical and Aggregate Properties (QC Lot: 3925106)		
HK1514725-011	RESIDUE AF	EA002: pH Value

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Result	Spike Recovery (%)		Recovery Limits (%)		Value	RPD (%)	
					Concentration	LCS	DCS	Low	High		
EG: Metals and Major Cations - Filtered (QC Lot: 3925296)											
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	101	—	76	118	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	102	—	72	124	—	—
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	108	—	80	120	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	100	—	74	122	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	96.3	—	79	117	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	104	—	78	120	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	97.6	—	78	118	—	—
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	107	—	79	115	—	—
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	114	—	76	120	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	102	—	78	120	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	104	—	81	119	—	—
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	102	—	76	114	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	105	—	81	113	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	97.0	—	79	119	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	106	—	78	124	—	—
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	97.0	—	70	130	—	—



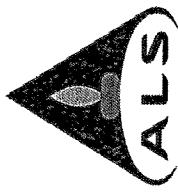
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

EG: Metals and Major Cations - Filtered (QC Lot: 3925296)	Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
			Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)
				MS	MSD	Low	High	
HK1514725-001	ASH AF SHIFT D NIGHT	CAS Number						Control Limit
			7440-36-0	1 mg/L	99.2	—	75	125
			7440-38-2	1 mg/L	107	—	75	125
			7440-39-3	1 mg/L	107	—	75	125
			7440-41-7	1 mg/L	106	—	75	125
			7440-43-9	1 mg/L	96.5	—	75	125
			7440-47-3	1 mg/L	104	—	75	125
			7440-50-8	1 mg/L	91.3	—	75	125
			7439-92-1	1 mg/L	99.5	—	75	125
			7439-97-6	0.02 mg/L	118	—	75	125
			7440-02-0	1 mg/L	103	—	75	125
			7782-49-2	1 mg/L	116	—	75	125
			7440-22-4	1 mg/L	101	—	75	125
			7440-28-0	1 mg/L	104	—	75	125
			7440-31-5	1 mg/L	97.4	—	75	125
			7440-62-2	1 mg/L	108	—	75	125
			7440-66-6	1 mg/L	82.8	—	75	125

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	:	VW-VES(HK) LTD	Laboratory	:	ALS Technichem (HK) Pty Ltd	Page	:	1 of 12
Contact	:	MS JENNIFER CHAN	Contact	:	Fung Lim Chee, Richard	Work Order		
Address	:	UNIT 7801, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	:	11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong	Position		HK1515171
E-mail	:	jennifer.chan@veolia.com	E-mail	:	Richard.Fung@alsglobal.com			
Telephone	:	+852 2910 9709	Telephone	:	+852 2610 1044			
Faxsimile	:	+852 2430 8011	Faxsimile	:	+852 2610 2021			
Project	:	-----	Quote number	:	-----	Date Samples Received	:	08-MAY-2015
Order number	:	-----				Issue Date	:	12-MAY-2015
C-O-C number	:	-----				No. of samples received	:	18
Site	:	-----				No. of samples analysed	:	18

This report may not be reproduced except with prior written
approval from the testing laboratory.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.
Signatories

Position

Fung Lim Chee, Richard	General Manager	Inorganics
------------------------	-----------------	------------

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2810 1044 Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 12
Client : VW-VES(HK) LTD
Work Order : HK1515171

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 09-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: **HK1515171**

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 12
Client : VIV-VES(HK) LTD
Work Order : HK1515171



Analytical Results

Sub-Matrix: SOLID

Compound	CAS Number	LOR	Unit	Client sample ID	ASH AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
				Client sampling date / time	06-MAY-2015 17:50	06-MAY-2015 11:20	06-MAY-2015 15:35	06-MAY-2015 14:26
EA/EID: Physical and Aggregate Properties								
EA002: pH Value	—	0.1	pH Unit	9.5	10.6	10.8	10.8	10.8
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	14.6	26.2	24.3	28.9	24.8

Page Number : 4 of 12
Client : VW-VES(HK) LTD
Work Order : HK1515171

Sub-Matrix: SOLID		RESIDUE AF		ASH AF MONTHLY SAMPLE		RESIDUE AF MONTHLY SAMPLE		ASH AF	
Compound	CAS Number	Client sampling date / time	Client sample ID	06-MAY-2015 09:40	HK1515171-006	06-MAY-2015 08:50	HK1515171-007	[07-MAY-2015]	[07-MAY-2015]
EA/ED: Physical and Aggregate Properties	LOR	Unit						HK1515171-008	HK1515171-009
EA002: pH Value									
EA055: Moisture Content (dried @ 103°C)	—	0.1	pH Unit	10.7		10.7		9.8	10.8
	—	0.1	%	26.8		26.7		9.4	26.5
									9.5
									9.8

Page Number : 5 of 12
Client : VW-VES(HK) LTD
Work Order : HK1515171



Sub-Matrix: SOLID		Client sample ID	ASH AF	ASH AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time	07-MAY-2015 08:00	07-MAY-2015 17:15	07-MAY-2015 09:00	07-MAY-2015 01:50	07-MAY-2015 11:55
		LOR	HK1515171-011	HK1515171-012	HK1515171-013	HK1515171-014	HK1515171-015
<u>EA/EQD: Physical and Aggregate Properties</u>							
EA002: pH Value	—	0.1	pH Unit	9.4	9.5	10.8	10.7
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	12.7	13.6	24.9	23.0
							10.6
							24.5

Page Number : 6 of 12
Client : VM-VES(HK) LTD
Work Order : HK1515171



Sub-Matrix: SOLID		Client sample ID		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	LOR	Unit	07-MAY-2015 11:00	07-MAY-2015 12:44	07-MAY-2015 14:50	
				HK1515171-016	HK1515171-017	HK1515171-018	
EA16D: Physical and Aggregate Properties							
EA002: pH Value	—	0.1	pH Unit	10.7	10.6	10.8	
EA056: Moisture Content (dried @ 103°C)	—	0.1	%	20.3	26.8	17.4	



Compound	CAS Number	LOR	Unit	ASH AF		RESIDUE AF		RESIDUE AF	
				Client sampling date /time	06-MAY-2015 12:00	06-MAY-2015 12:00	06-MAY-2015 12:00	06-MAY-2015 12:00	06-MAY-2015 12:00
EC: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1		2		1	1
EG020: Lead	7438-92-1	1	mg/kg	<1		<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		1		1	2
EG020: Zinc	7440-86-6	1	mg/kg	<1					
Sample Preparation Method				—	—	1	2	2	2
E:TCLP: Extraction Fluid Number				—	—	1	2	2	2



Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Unit	Client sample ID		Client sampling date / time	RESIDUE AF	ASH AF MONTHLY SAMPLE	RESIDUE AF MONTHLY SAMPLE	ASH AF
				HK1515171-006	HK1515171-007					
EC: Metals and Major Cations - Filtered										
EG020: Antimony	7440-38-0	1	mg/kg	<1			<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1			<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1			<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1			<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1			<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1			<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1			<1		1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1			<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2			<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1			<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2			<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1			<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1			<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1			<1		<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1			<1		<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	<1			<1		1	<1
Sample Preparation Method							2	1	2	1
E-TCLP: Extraction Fluid Number				---	-		2		2	1



Compound	CAS Number	Client sample ID / time		ASH AF		ASH AF		RESIDUE AF		RESIDUE AF	
		LOR	Unit	HK1515171-011	HK1515171-012	HK1515171-013	HK1515171-014	HK1515171-015	HK1515171-016	HK1515171-017	HK1515171-018
EC: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1		1	1	1	1
EG020: Lead	7438-92-1	1	mg/kg	<1		<1		<1		<1	<1
EG020: Mercury	7438-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		1	1
EG020: Zinc	7440-66-6	1	mg/kg	<1		<1		1	2	2	1
Sample Preparation Method											
E-TCLP: Extraction Fluid Number	—	—	—	1	1	1	2	2	2	2	2



Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	RESIDUE AF	RESIDUE AF	RESIDUE AF
				HK1515171-016	07-MAY-2015 12:00	07-MAY-2015 12:00	07-MAY-2015 12:00	
EC: Metals and Major Cations - Filtered								
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	<1	
EG020: Copper	7440-50-8	1	mg/kg	1		<1	1	
EG020: Lead	7439-92-1	1	mg/kg	<1		<1	<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	0.2	<0.2	<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1		<1	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1		<1	<1	
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1	<1	
EG020: Zinc	7440-66-6	1	mg/kg	1		1	1	
Sample Preparation Method				—	—	2	1	2
E-TCLP: Extraction Fluid Number								



Laboratory Duplicate (DUP) Report

Matrix: SOIL							Matrix: WATER								
Method: Co-Compound			Method: Co-Compound			Method: Co-Compound			Method: Co-Compound			Method: Co-Compound			
Laboratory Sample ID		Client Sample ID		CAS Number		LOR		Unit		Original Result		Duplicate Result		RPD (%)	
EA/EQD: Physical and Aggregate Properties (QC Lot: 3927739)	ASH AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	—	14.6	14.5	0.0	—	—	—	—		
HK1515171-001	ASH AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	—	12.7	12.6	0.9	—	—	—	—		
EA/EQD: Physical and Aggregate Properties (QC Lot: 3927611)	ASH AF	EA002: pH Value	—	0.1	pH	Unit	9.5	9.5	0.0	—	—	—	—		
HK1515171-011	ASH AF	EA002: pH Value	—	0.1	pH	Unit	9.5	9.5	0.0	—	—	—	—		
Method Blank (MB) Report															
Matrix Blank (MB) Report							Matrix Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report								
Method: Co-Compound			Method: Co-Compound			Method: Co-Compound			Method: Co-Compound			RPD (%)			
CAS Number		LOR		Unit		Result		Spike Concentration		Spike Recovery (%)		Recovery Limits (%)			
EG: Metals and Major Cations - Filtered (QC Lot: 3927609)	7440-36-0	1	mg/L	<1	1 mg/L	102	—	76	118	—	—	—	—		
EG020: Antimony	7440-38-2	1	mg/L	<1	1 mg/L	106	—	72	124	—	—	—	—		
EG020: Arsenic	7440-39-3	1	mg/L	<1	1 mg/L	108	—	80	120	—	—	—	—		
EG020: Barium	7440-41-7	1	mg/L	<1	1 mg/L	106	—	74	122	—	—	—	—		
EG020: Beryllium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	110	—	79	117	—	—	—	—		
EG020: Cadmium	7440-47-3	1	mg/L	<1	1 mg/L	97.2	—	78	120	—	—	—	—		
EG020: Chromium	7440-50-8	1	mg/L	<1	1 mg/L	105	—	78	118	—	—	—	—		
EG020: Copper	7439-92-1	1	mg/L	<1	1 mg/L	102	—	79	115	—	—	—	—		
EG020: Lead	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	113	—	76	120	—	—	—	—		
EG020: Mercury	7440-02-0	1	mg/L	<1	1 mg/L	110	—	78	120	—	—	—	—		
EG020: Nickel	7782-49-2	0.2	mg/L	<0.2	1 mg/L	99.8	—	81	119	—	—	—	—		
EG020: Selenium	7440-22-4	1	mg/L	<1	1 mg/L	94.3	—	76	114	—	—	—	—		
EG020: Silver	7440-28-0	1	mg/L	<1	1 mg/L	99.0	—	81	113	—	—	—	—		
EG020: Thallium	7440-31-5	1	mg/L	<1	1 mg/L	95.7	—	79	119	—	—	—	—		
EG020: Tin	7440-62-2	1	mg/L	<1	1 mg/L	113	—	78	124	—	—	—	—		
EG020: Vanadium	7440-66-6	1	mg/L	<1	1 mg/L	96.0	—	70	130	—	—	—	—		
EG020: Zinc	—	—	—	—	—	—	—	—	—	—	—	—	—		

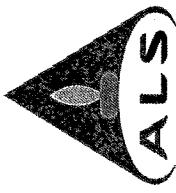
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration		Spike Recovery (%)		Recovery Limits (%)	RPD (%)
			CAS Number	MS	MSD	Low	High	Value
EG: Metals and Major Cations - Filtered (QC Lot: 3927609)								
HK1515171-001	ASH AF							
	EG020: Antimony	7440-36-0	1 mg/L	106	—	—	75	125
	EG020: Arsenic	7440-38-2	1 mg/L	111	—	—	75	125
	EG020: Barium	7440-39-3	1 mg/L	110	—	—	75	125
	EG020: Beryllium	7440-41-7	1 mg/L	108	—	—	75	125
	EG020: Cadmium	7440-43-9	1 mg/L	111	—	—	75	125
	EG020: Chromium	7440-47-3	1 mg/L	103	—	—	75	125
	EG020: Copper	7440-50-8	1 mg/L	105	—	—	75	125
	EG020: Lead	7439-92-1	1 mg/L	104	—	—	75	125
	EG020: Mercury	7439-97-6	0.02 mg/L	114	—	—	75	125
	EG020: Nickel	7440-02-0	1 mg/L	111	—	—	75	125
	EG020: Selenium	7782-19-2	1 mg/L	115	—	—	75	125
	EG020: Silver	7440-22-4	1 mg/L	80.0	—	—	75	125
	EG020: Thallium	7440-28-0	1 mg/L	99.2	—	—	75	125
	EG020: Tin	7440-31-5	1 mg/L	99.7	—	—	75	125
	EG020: Vanadium	7440-62-2	1 mg/L	116	—	—	75	125
	EG020: Zinc	7440-66-6	1 mg/L	91.2	—	—	75	125

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: VW-VES(HK) LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 17
Contact	: MS.JENNIFER CHAN	Contact	: Fung Lim Chee, Richard	Work Order	
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: jennifer.chan@veolia.com	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2910 9709	Telephone	: +852 2810 1044		
Fax/fax	: +852 2430 8011	Fax/fax	: +852 2810 2021		
Project	: -----	Quote number	: -----	Date Samples Received	: 11-MAY-2015
Order number	: -----			Issue Date	: 13-MAY-2015
C-O-C number	: -----			No. of samples received	: 26
Site	: -----			No. of samples analysed	: 26

This report may not be reproduced except with prior written
approval from the testing laboratory.

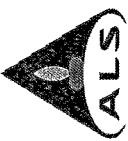
This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried
out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.
Signatories

Position

Authorised results for

Fung Lim Chee, Richard	General Manager	Inorganics
------------------------	-----------------	------------

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel.: +852 2810 1044 Fax: +852 2810 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 17
Client : VW-VES(HK) LTD
Work Order : HK1515443

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is:

12-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
Specific comments for Work Order: **HK1515443**

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 17
Client : VW-VES(HK) LTD
Work Order : HK1515443

Analytical Results

Sub-Matrix: SOLID	Client sample ID	ASH AF	ASH AF	RESIDUE AF	RESIDUE AF
Compound	Client sampling date / time	08-MAY-2015 10:50	09-MAY-2015 09:00	08-MAY-2015 14:00	08-MAY-2015 15:30
CAS Number	LOR	Unit	HK1515443-001	HK1515443-002	HK1515443-003
EA/ED: Physical and Aggregate Properties					
EA002: pH Value	—	0.1	pH Unit	9.4	9.6
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	12.7	10.0
				24.6	24.1
					10.8
					22.1
					10.7

Page Number : 4 of 17
Client : VN-VES(HK) LTD
Work Order : HK1515443

Sub-Matrix: SOLID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	Client sample ID	Client sampling date / time	08-MAY-2015 11:55	08-MAY-2015 15:00	08-MAY-2015 17:15	08-MAY-2015 12:40
		HK1515443-006	Unit	HK1515443-007	HK1515443-008	HK1515443-009	HK1515443-010
EA/EI: Physical and Aggregate Properties							
EA002: pH Value	—	0.1	pH Unit	10.8	10.8	10.7	10.8
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	24.6	24.6	24.1	22.9

Page Number : 5 of 17
Client : VW-VES(HK) LTD
Work Order : HK1515443



Sub-Matrix: SOLID		Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	Client sampling date /time	Unit	09-MAY-2015 11:20	09-MAY-2015 07:50	09-MAY-2015 13:20	09-MAY-2015 14:20	09-MAY-2015 15:00	09-MAY-2015 14:20	09-MAY-2015 15:00	
		HK1515443-011	LOR	HK1515443-012	Unit	HK1515443-013	Unit	HK1515443-014	Unit	HK1515443-016	Unit
EA/ED: Physical and Aggregate Properties											
EA002: pH Value	—	0.1	pH Unit	10.8	10.9	10.9	11.0	10.9	11.0	10.9	10.9
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	22.4	23.7	23.4	23.3	23.4	23.3	23.3	21.2

Page Number : 6 of 17
Client : VW-VES(HK) LTD
Work Order : HK1515443

Sub-Matrix: SOLID		Client sample ID	ASH AF	ASH AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time	10-MAY-2015 09:00	10-MAY-2015 10:00	10-MAY-2015 11:00	10-MAY-2015 11:40	10-MAY-2015 12:30
		LOR	HK1515443-016	HK1515443-017	HK1515443-018	HK1515443-019	HK1515443-020
EA/FD: Physical and Aggregate Properties							
EA002: pH Value	—	0.1	pH Unit	10.4	9.8	10.9	11.0
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	8.1	10.2	21.6	25.0
							10.9
							24.9

Page Number : 7 of 17
Client : VW-VES(HK) LTD
Work Order : HK1515443

Sub-Matrix: SOLID		Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF		
Compound	CAS Number	Client sampling date /time	10-MAY-2015 13:15	10-MAY-2015 14:10	10-MAY-2015 15:30	10-MAY-2015 07:50		
EA/FD: Physical and Aggregate Properties		LOR	Unit	HK1515443-021	HK1515443-022	HK1515443-023	HK1515443-024	HK1515443-025
EA002: pH Value	—	0.1	pH Unit	10.9	11.0	10.9	10.9	10.9
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	25.1	28.8	25.9	21.3	24.8

Page Number : 8 of 17
Client : VW-VES(HK) LTD
Work Order : HK1515443



Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	RESIDUE AF
		Client sampling date / time	10-MAY-2015 16:30
EA/EFD: Physical and Aggregate Properties			
EA002: pH Value	---	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	---	0.1	%
		11.0	26.6

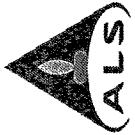


Compound	CAS Number	LOR	Unit	ASH AF		ASH AF		RESIDUE AF		RESIDUE AF	
				Client sample ID	Client sampling date /time	12-MAY-2015 12:00	HK1615443-001	12-MAY-2015 12:00	HK1615443-002	12-MAY-2015 12:00	HK1615443-003
EG: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1		1		1	<1
EG020: Lead	7435-92-1	1	mg/kg	<1		<1		<1		<1	<1
EG020: Mercury	7435-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		0.2		0.2	0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1	<1
EG020: Vanadium	7440-82-2	1	mg/kg	<1		<1		2		2	<1
EG020: Zinc	7440-96-6	1	mg/kg	<1		<1		2		2	1
Sample Preparation Method				-	-	1	1	2	2	2	1
E-TCLP: Extraction Fluid Number				—	—	—	—	—	—	—	—

Page Number : 10 of 17
 Client : VW-VES(HK) LTD
 Work Order : HK1515443



Compound	Sub-Matrix: TCLP LEACHATE		Client sample ID	Client sampling date /time	RESIDUE AF		RESIDUE AF	RESIDUE AF	
	CAS Number	LOR	Unit	HK1515443-006	HK1515443-007	HK1515443-008	HK1515443-009	HK1515443-010	
Eg: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Baryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Copper	7440-50-8	1	mg/kg	1	1	2	1	1	
EG020: Lead	7435-92-1	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Mercury	7435-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	0.2	<0.2	0.2	0.2	
EG020: Silver	7440-32-4	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1	<1	<1	
EG020: Zinc	7440-66-6	1	mg/kg	2	2	2	2	1	
Sample Preparation Method									
E-TCLP: Extraction Fluid Number		—		—		2		2	



Sub-Matrix: TCLP LEACHATE

Compound	Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
	CAS Number	LOR	Unit	12-MAY-2015 12:00	12-MAY-2015 12:00	12-MAY-2015 12:00	12-MAY-2015 12:00	12-MAY-2015 12:00
EC: Metals and Major Cations - Filtered								
EG020: Antimony	7440-38-0	1	mg/kg	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	<1	<1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1	<1	<1	<1	<1
EG020: Zinc	7440-56-6	1	mg/kg	2	2	2	2	2
Sample Preparation Method								
E-TCLP: Extraction Fluid Number	—	—	—	2	2	2	2	2



Compound	Client sample ID		ASH AF		ASH AF		RESIDUE AF		RESIDUE AF	
	CAS Number	LOR	Unit	12-MAY-2015 12:00	HK1515443-016	12-MAY-2015 12:00	HK1515443-017	12-MAY-2015 12:00	HK1515443-018	12-MAY-2015 12:00
EC: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1		1	1	1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2	0.2	<0.2		<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1
EG020: Zinc	7440-66-6	1	mg/kg	<1		<1		2	2	2
Sample Preparation Method		—	—	—	1	1	2	2	2	2
E-TCLP: Extraction Fluid Number		—	—	—	1	1	2	2	2	2



Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Client sampling date / time	Client sample ID	RESIDUE AF		RESIDUE AF		RESIDUE AF	
					Unit	HK1515443-021	12-MAY-2015 12:00	12-MAY-2015 12:00	12-MAY-2015 12:00	12-MAY-2015 12:00
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-38-0	1	mg/kg	<1			<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1			<1		<1	<1
EG020: Barium	7440-38-3	1	mg/kg	<1			<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1			<1		<1	<1
EG020: Cadmium	7440-43-8	1	mg/kg	<1			<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1			<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1			<1		<1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1			<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2			<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1			<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2			0.2	0.2	0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1			<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1			<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1			<1		<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1			<1		<1	<1
EG020: Zinc	7440-56-6	1	mg/kg	1			2	1	2	2
Sample Preparation Method		—	—	2		2	2	2	2	2
E-TCLP: Extraction Fluid Number										



Sub-Matrix: TCLP LEACHATE		Client sample ID / time		RESIDUE AF	
Compound	CAS Number	LOR	Unit	HK1515443-026	
EG: Metals and Major Cations - Filtered					
EG020: Antimony	7440-36-0	1	mg/kg	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1	
EG020: Copper	7440-50-8	1	mg/kg	<1	
EG020: Lead	7439-92-1	1	mg/kg	<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1	
EG020: Vanadium	7440-82-2	1	mg/kg	<1	
EG020: Zinc	7440-96-6	1	mg/kg	1	
Sample Preparation Method		—	—	2	
E-TCLP: Extraction Fluid Number		—	—	2	

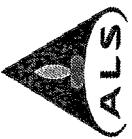


Laboratory Duplicate (DUP) Report

Matrix: SOIL				Method: Compound			
Laboratory sample ID	Client sample ID	CAS Number	Unit	LOR	Unit	Original Result	RPD (%)
EAIED: Physical and Aggregate Properties (QC Lot: 3928831)	ASH AF	EA055: Moisture Content (dried @ 103°C)	%	—	0.1	12.7	4.9
HK1515443-001	RESIDUE AF	EA056: Moisture Content (dried @ 103°C)	%	—	0.1	22.4	0.8
EAIED: Physical and Aggregate Properties (QC Lot: 3928832)	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)	%	—	0.1	25.1	6
HK1515443-021	ASH AF	EA002: pH Value	pH Unit	—	0.1	9.4	0.0
EAIED: Physical and Aggregate Properties (QC Lot: 3929386)	RESIDUE AF	EA002: pH Value	pH Unit	—	0.1	10.9	0.0
HK1515443-001	ASH AF	EA002: pH Value	pH Unit	—	0.1	9.3	0.0
EAIED: Physical and Aggregate Properties (QC Lot: 3929387)	RESIDUE AF	EA002: pH Value	pH Unit	—	0.1	10.9	0.0
HK1515443-021	ASH AF	EA002: pH Value	pH Unit	—	0.1	10.9	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Matrix: Compound				Spike Concentration				Spike Recovery (%)			
CAS Number	LOR	Unit	Result	LCS	DCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 3930256)											
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	104	—	76	118	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	107	—	72	124	—	—
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	103	—	80	120	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	97.0	—	74	122	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	108	—	79	117	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	106	—	78	120	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	101	—	78	118	—	—
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	89.8	—	79	115	—	—
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	113	—	76	120	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	98.9	—	78	120	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	116	—	81	119	—	—
EG020: Silver								76	114	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	92.2	—	81	113	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	104	—	79	119	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	104	—	78	124	—	—
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	106	—	70	130	—	—
EG: Metals and Major Cations - Filtered (QC Lot: 3930257)											
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	98.4	—	76	118	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	99.7	—	72	124	—	—
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	101	—	80	120	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	100	—	74	122	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	104	—	79	117	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	98.1	—	78	120	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	97.7	—	78	118	—	—
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	92.7	—	79	115	—	—



Matrix: WATER

Method: Blank (MB) Report

Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration		Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					LCS	DCS	DCS	Low	High	Value	Control Limit	
EG: Metals and Major Cations - Filtered (QC Lot: 3930257) - Continued												
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	112	—	76	120	—	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	93.9	—	78	120	—	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	113	—	81	119	—	—	—
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	90.2	—	76	114	—	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	93.3	—	81	113	—	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	101	—	79	119	—	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	98.4	—	78	124	—	—	—
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	97.0	—	70	130	—	—	—

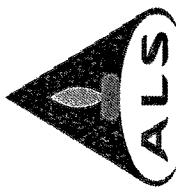
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Sample ID	Client sample ID	Method: Compound	Spike Concentration			Recovery Limits (%)			Control Limit
			Spike Recovery %)		MS	MSD	Low	High	
			Concentration						
EG: Metals and Major Cations - Filtered (QC Lot: 3930256)									
HK1515443-001	ASH AF		7440-36-0	1 mg/L	106	—	75	125	—
		EG020: Antimony	7440-38-2	1 mg/L	100	—	75	125	—
		EG020: Arsenic	7440-39-3	1 mg/L	101	—	75	125	—
		EG020: Barium	7440-41-7	1 mg/L	100	—	75	125	—
		EG020: Beryllium	7440-43-9	1 mg/L	106	—	75	125	—
		EG020: Cadmium	7440-47-3	1 mg/L	106	—	75	125	—
		EG020: Chromium	7440-50-8	1 mg/L	95.8	—	75	125	—
		EG020: Copper	7440-92-1	1 mg/L	95.9	—	75	125	—
		EG020: Lead	7439-97-6	0.02 mg/L	118	—	75	125	—
		EG020: Mercury	7440-02-0	1 mg/L	98.3	—	75	125	—
		EG020: Nickel	7782-49-2	1 mg/L	119	—	75	125	—
		EG020: Selenium	7440-22-4	1 mg/L	87.0	—	75	125	—
		EG020: Silver	7440-28-0	1 mg/L	97.3	—	75	125	—
		EG020: Thallium	7440-31-5	1 mg/L	103	—	75	125	—
		EG020: Tin	7440-62-2	1 mg/L	104	—	75	125	—
		EG020: Vanadium	7440-66-6	1 mg/L	98.7	—	75	125	—
		EG020: Zinc							
EG: Metals and Major Cations - Filtered (QC Lot: 3930257)									
HK1515443-021	RESIDUE AF		7440-36-0	1 mg/L	105	—	75	125	—
		EG020: Antimony	7440-38-2	1 mg/L	106	—	75	125	—
		EG020: Arsenic	7440-39-3	1 mg/L	100	—	75	125	—
		EG020: Barium	7440-41-7	1 mg/L	115	—	75	125	—
		EG020: Beryllium	7440-43-9	1 mg/L	102	—	75	125	—
		EG020: Cadmium	7440-47-3	1 mg/L	111	—	75	125	—
		EG020: Chromium	7440-50-8	1 mg/L	86.3	—	75	125	—
		EG020: Copper	7439-92-1	1 mg/L	93.2	—	75	125	—
		EG020: Lead	7439-97-6	0.02 mg/L	112	—	75	125	—
		EG020: Mercury	7440-02-0	1 mg/L	102	—	75	125	—
		EG020: Nickel	7782-49-2	1 mg/L	117	—	75	125	—
		EG020: Selenium	7440-22-4	1 mg/L	79.8	—	75	125	—
		EG020: Silver	7440-28-0	1 mg/L	95.0	—	75	125	—
		EG020: Thallium	7440-31-5	1 mg/L	101	—	75	125	—
		EG020: Tin	7440-62-2	1 mg/L	110	—	75	125	—
		EG020: Vanadium	7440-66-6	1 mg/L	93.4	—	75	125	—
		EG020: Zinc							

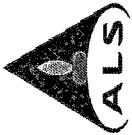
ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: VW-VES(HK) LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 12
Contact	: MS JENNIFER CHAN	Contact	: Fung Lim Chee, Richard	Work Order	
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: jennifer.chan@veolia.com	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2810 9709	Telephone	: +852 2610 1044		
Faxsimile	: +852 2430 8011	Faxsimile	: +852 2610 2021		
Project	: -----	Quote number	: -----	Date Samples Received	: 13-MAY-2015
Order number	: -----			Issue Date	: 15-MAY-2015
C-O-C number	: -----			No. of samples received	: 16
Site	: -----			No. of samples analysed	: 16
This report may not be reproduced except with prior written approval from the testing laboratory.			This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.		
Signatories			Authorised results for Position		
Fung Lim Chee, Richard			General Manager Inorganics		



Page Number : 2 of 12
Client : WW-YES(HK) LTD
Work Order : HK1515718

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is:

14-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1515718

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 12
Client : VW-VES(HK) LTD
Work Order : HK1515718

Analytical Results

Sub-Matrix: SOLID

Compound	CAS Number	Client sample ID	ASH AF	ASH AF	RESIDUE AF	RESIDUE AF
		Client sampling date /time	11-MAY-2015 07:45	11-MAY-2015 17:30	[11-MAY-2015]	11-MAY-2015 08:45
		Unit	HK1515718-001	HK1515718-002	HK1515718-003	HK1515718-004
EA/ED: Physical and Aggregate Properties						
EA002: pH Value	—	0.1	pH Unit	9.6	9.5	10.7
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	11.2	15.5	25.5
					21.8	25.4

Page Number : 4 of 12
Client : VW-VES(HK) LTD
Work Order : HK1515718



Sub-Matrix: SOLID		RESIDUE AF		RESIDUE AF		RESIDUE AF		ASH AF	
Client sample ID		Client sampling date / time		11-MAY-2015 11:15		11-MAY-2015 12:00		11-MAY-2015 14:15	
Compound		CAS Number	LOR	Unit	HK1515718-006	HK1515718-007	HK1515718-008	HK1515718-009	HK1515718-010

Page Number : 5 of 12
Client Work Order : VW-VES(HK) LTD
HK1515718



Sub-Matrix: SOLID		Client sample ID	ASH AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date /time	12-MAY-2015 08:00	12-MAY-2015 15:30	12-MAY-2015 13:20	12-MAY-2015 16:35	12-MAY-2015 17:10	12-MAY-2015 17:10
EA/EQ: Physical and Aggregate Properties		LOR	Unit	HK1515718-011	HK1515718-012	HK1515718-013	HK1515718-014	HK1515718-015
EA002: pH Value	—	0.1	pH Unit	10.4	10.8	10.8	10.8	10.8
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	14.5	21.6	22.0	22.7	22.7

Page Number : 6 of 12
Client : VW-VES(HK) LTD
Work Order : HK1515718



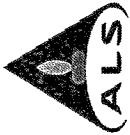
Sub-Matrix: SOLID			
Compound	CAS Number	LOR	Unit
EA/ED: Physical and Aggregate Properties			
EA002: pH Value	—	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	—	0.1	%



Compound	CAS Number	LOR	Client sample ID	ASH AF		RESIDUE AF		RESIDUE AF	
				Client sampling date /time	11-MAY-2015 12:00	[11-MAY-2015]	11-MAY-2015 12:00	[11-MAY-2015]	11-MAY-2015 12:00
EG: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1		1	1
EG020: Lead	7438-92-1	1	mg/kg	<1		<1		<1	<1
EG020: Mercury	7438-97-6	0.2	mg/kg	<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1		<1		<1	<1
EG020: Zinc	7440-56-6	1	mg/kg	<1		1		2	1
Sample Preparation Method				-	-	1		2	2
E:TCLP: Extraction Fluid Number				—	—	1		2	2



Compound	CAS Number	LOR	Client sample ID	RESIDUE AF		RESIDUE AF	RESIDUE AF	ASH AF			
				Client sampling date /time	Unit	11-MAY-2015 12:00	HK1515718-006	11-MAY-2015 12:00	HK1515718-007	11-MAY-2015 12:00	HK1515718-008
EG020: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1		1		1		1	<1
EG020: Lead	7438-92-1	1	mg/kg	<1		<1		<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Tin	7440-31-6	1	mg/kg	<1		<1		<1		<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Zinc	7440-86-6	1	mg/kg	1		1		1		1	<1
Sample Preparation Method											
E-TCLP: Extraction Fluid Number	---	-	-	2		2		2		2	1



Compound	CAS Number	Client sample ID	ASH AF		RESIDUE AF		RESIDUE AF	
			Client sampling date / time	Unit	11-MAY-2015 12:00	HK1515718-012	11-MAY-2015 12:00	HK1515718-014
ECI: Metals and Major Cations - Filtered								
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	1	1	1
EG020: Lead	7438-92-1	1	mg/kg	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	1	1	1
EG020: Zinc	7440-86-6	1	mg/kg	<1	<1	1	1	1
Sample Preparation Method			—	—	1	2	2	2
E-TCLP: Extraction Fluid Number			—	—	1	2	2	2



Compound	CAS Number	LOR	Unit	RESIDUE AF	
				Client sample ID	Client sampling date / time
EC: Metals and Major Cations - Filtered					
EG020: Antimony	7440-36-0	1	mg/kg	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1	
EG020: Copper	7440-50-8	1	mg/kg	1	
EG020: Lead	7439-92-1	1	mg/kg	<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1	
EG020: Vanadium	7440-62-2	1	mg/kg	<1	
EG020: Zinc	7440-66-6	1	mg/kg	1	
Sample Preparation Method		—	—	2	
E-TCLP: Extraction Fluid Number					



Laboratory Duplicate (DUP) Report

Matrix: SOIL Client sample ID: Method: Compound

EA/EQ: Physical and Aggregate Properties (QC Lot: 3931777)		Method: Compound	
Laboratory sample ID	Client sample ID	CAS Number	LOR
HK1515718-001	ASH AF	EA056: Moisture Content (dried @ 103°C)	—
HK1515718-011	ASH AF	EA055: Moisture Content (dried @ 103°C)	—
EA/EQ: Physical and Aggregate Properties (QC Lot: 3932431)	Method: Compound	CAS Number	LOR
HK1515718-001	ASH AF	EA002: pH Value	—

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Spike Duplicate (DCS) Report

Matrix: WATER Method Blank (MB) Report Method Control Spike (LCS) and Laboratory Spike Duplicate (DCS) Report

EG: Metals and Major Cations - Filtered (QC Lot: 3932996)		Method: Compound		Spike Recovery (%)		Recovery Limits (%)		RPD (%)				
Laboratory sample ID	Client sample ID	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EG020: Antimony		7440-36-0	1	mg/L	<1	1 mg/L	114	—	76	118	—	—
EG020: Arsenic		7440-38-2	1	mg/L	<1	1 mg/L	122	—	72	124	—	—
EG020: Barium		7440-39-3	1	mg/L	<1	1 mg/L	119	—	80	120	—	—
EG020: Beryllium		7440-41-7	1	mg/L	<1	1 mg/L	103	—	74	122	—	—
EG020: Cadmium		7440-43-9	0.1	mg/L	<0.1	1 mg/L	106	—	79	117	—	—
EG020: Chromium		7440-47-3	1	mg/L	<1	1 mg/L	113	—	78	120	—	—
EG020: Copper		7440-50-8	1	mg/L	<1	1 mg/L	114	—	78	118	—	—
EG020: Lead		7439-92-1	1	mg/L	<1	1 mg/L	114	—	79	115	—	—
EG020: Mercury		7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	90.5	—	76	120	—	—
EG020: Nickel		7440-02-0	1	mg/L	<1	1 mg/L	116	—	78	120	—	—
EG020: Selenium		7782-49-2	0.2	mg/L	<0.2	1 mg/L	109	—	81	119	—	—
EG020: Silver		7440-22-4	1	mg/L	<1	1 mg/L	103	—	76	114	—	—
EG020: Thallium		7440-28-0	1	mg/L	<1	1 mg/L	112	—	81	113	—	—
EG020: Tin		7440-31-5	1	mg/L	<1	1 mg/L	109	—	79	119	—	—
EG020: Vanadium		7440-62-2	1	mg/L	<1	1 mg/L	114	—	78	124	—	—
EG020: Zinc		7440-66-6	1	mg/L	<1	1 mg/L	113	—	70	130	—	—

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

EG: Metals and Major Cations - Filtered (QC Lot: 3932996)		Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
Laboratory sample ID	Client sample ID	Method: Compound	Spike Concentration	Spiked Recovery (%)	Recovery Limits (%)	RPD (%)	Control Limit
CAS Number		MS	MSD	Low	High	Value	
HK1515718-001	ASH AF						
EG020: Antimony		7440-36-0	1 mg/L	123	—	75	125
EG020: Arsenic		7440-38-2	1 mg/L	118	—	75	125
EG020: Barium		7440-39-3	1 mg/L	120	—	75	125
EG020: Beryllium		7440-41-7	1 mg/L	117	—	75	125
EG020: Cadmium		7440-43-9	1 mg/L	121	—	75	125
EG020: Chromium		7440-47-3	1 mg/L	110	—	75	125
EG020: Copper		7440-50-8	1 mg/L	104	—	75	125
EG020: Lead		7439-92-1	1 mg/L	113	—	75	125
EG020: Mercury		7439-97-6	0.02 mg/L	98.0	—	75	125
EG020: Nickel		7440-02-0	1 mg/L	109	—	75	125
EG020: Selenium		7782-49-2	1 mg/L	123	—	75	125
EG020: Silver		7440-22-4	1 mg/L	89.2	—	75	125
EG020: Thallium		7440-28-0	1 mg/L	108	—	75	125
EG020: Tin		7440-31-5	1 mg/L	116	—	75	125
EG020: Vanadium		7440-62-2	1 mg/L	112	—	75	125
EG020: Zinc		7440-66-6	1 mg/L	97.2	—	75	125



Page Number : 2 of 10
Client : VM-VES(HK) LTD
Work Order : HK1516169

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is:

18-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: **HK1516169**

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 10
Client : VM-VES(HK) LTD
Work Order : HK1516169

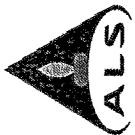


Analytical Results

Sub-Matrix: SOLID

Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date / time	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
				HK1516169-001	13-MAY-2015 08:55	13-MAY-2015 10:40	13-MAY-2015 08:00	14-MAY-2015 16:20	14-MAY-2015 15:40
EA/EQD: Physical and Aggregate Properties									
EA002: pH Value	—	0.1	pH Unit	—	10.8	10.8	10.8	10.8	10.8
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	23.9	22.0	28.0	26.0	24.1	24.1

Page Number : 4 of 10
Client : VW-VES(HK) LTD
Work Order : HK1516169



Sub-Matrix: SOLID		Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date /time	14-MAY-2015 11:40	14-MAY-2015 15:10	14-MAY-2015 17:10	14-MAY-2015 14:20
		LOR	HK1516169-006	HK1516169-007	HK1516169-008	HK1516169-009
EA/EID: Physical and Aggregate Properties						
EA002: pH Value	—	0.1	pH Unit	10.7	10.8	10.8
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	22.3	25.0	26.5

Page Number : 5 of 10
Client : VW-VES(HK) LTD
Work Order : HK1516169

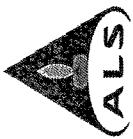


Sub-Matrix: SOLID			
Compound	CAS Number	LOR	Unit
EA/EFD: Physical and Aggregate Properties			
EA002: pH Value	—	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	—	0.1	%

Page Number : 6 of 10
 Client : W-W-VES(HK) LTD
 Work Order : HK1516169

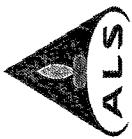


Compound	CAS Number	LOR	Unit	Client sample ID		Client sampling date /time		RESIDUE AF		RESIDUE AF	
				HK1516169-001	HK1516169-002	14-MAY-2015 12:00	14-MAY-2015 12:00	HK1516169-003	HK1516169-004	14-MAY-2015 12:00	14-MAY-2015 12:00
EG: Metals and Major Cations - Filtered											
EG020: Antimony	7440-56-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1		<1		<1	1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1	<1
EG020: Mercury	7439-97-8	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1	<1
EG020: Vanadium	7440-82-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Zinc	7440-86-6	1	mg/kg	1		1		1		1	1
Sample Preparation Method				-	-	2		2		2	2
E-TCLP: Extraction Fluid Number											



Compound	CAS Number	LOR	Unit	Client sample ID		Client sampling date / time	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
				HK1516169-006	HK1516169-007					
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1		<1	<1	<1	<1	<1
EG020: Zinc	7440-56-6	1	mg/kg	2		<1	1	1	1	1
Sample Preparation Method				—	—	2	2	2	2	2
E-TCLP: Extraction Fluid Number				—	—	2	2	2	2	2

Page Number : 8 of 10
Client : VW-VES(HK) LTD
Work Order : HK1516169



Sub-Matrix: TCLP LEACHATE		Client sample ID		ASH AF	
Compound	CAS Number	Client sampling date /time	Unit	HK1516169-011	
EG: Metals and Major Cations - Filtered					
EG020: Antimony	7440-36-0	1	mg/kg	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1	
EG020: Copper	7440-50-8	1	mg/kg	<1	
EG020: Lead	7439-92-1	1	mg/kg	<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1	
EG020: Selenium	7782-99-2	0.2	mg/kg	<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1	
EG020: Vanadium	7440-32-2	1	mg/kg	<1	
EG020: Zinc	7440-36-6	1	mg/kg	<1	
Sample Preparation Method		—	—	1	
E-TCLP: Extraction Fluid Number					



Laboratory Duplicate (DUP) Report

Matrix: SOIL	Client Sample ID	Method: Compound	Laboratory Duplicate (DUP) Report					
Laboratory Sample ID			CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/EQD: Physical and Aggregate Properties (QC Lot: 3935066)								
HK1516169-001	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	23.9	24.1	0.8
HK1516169-011	ASH AF	EA056: Moisture Content (dried @ 103°C)	—	0.1	%	8.6	8.5	0.0
EA/EQD: Physical and Aggregate Properties (QC Lot: 3935094)								
HK1516169-001	RESIDUE AF	EA002: pH Value	—	0.1	pH Unit	10.8	10.8	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER	Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	Recovery Limits (%)	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 3935079)								
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	111	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	116	—	—
EG020: Barium	7440-38-3	1	mg/L	<1	1 mg/L	117	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	108	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	108	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	109	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	107	—	—
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	100	—	—
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	110	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	103	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	98.3	—	—
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	97.5	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	101	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	105	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	112	—	—
EG020: Zinc	7440-86-6	1	mg/L	<1	1 mg/L	101	—	—

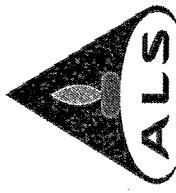
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
			Spike Concentration	MS	MSD	Recovery %	Low	High
EG: Metals and Major Cations - Filtered (QC Lot: 3935079)								
HK1516169-001	RESIDUE AF	EG020: Antimony	7440-38-0	1 mg/L	101	—	75	125
		EG020: Arsenic	7440-38-2	1 mg/L	81.5	—	75	125
		EG020: Barium	7440-39-3	1 mg/L	99.6	—	75	125
		EG020: Beryllium	7440-41-7	1 mg/L	106	—	75	125
		EG020: Cadmium	7440-43-9	1 mg/L	106	—	75	125
		EG020: Chromium	7440-47-3	1 mg/L	104	—	75	125
		EG020: Copper	7440-50-8	1 mg/L	94.9	—	75	125
		EG020: Lead	7439-92-1	1 mg/L	99.5	—	75	125
		EG020: Mercury	7439-97-6	0.02 mg/L	110	—	75	125
		EG020: Nickel	7440-02-0	1 mg/L	99.6	—	75	125
		EG020: Selenium	7782-49-2	1 mg/L	101	—	75	125
		EG020: Silver	7440-22-4	1 mg/L	87.8	—	75	125
		EG020: Thallium	7440-28-0	1 mg/L	102	—	75	125
		EG020: Tin	7440-31-5	1 mg/L	107	—	75	125
		EG020: Vanadium	7440-62-2	1 mg/L	102	—	75	125
		EG020: Zinc	7440-86-6	1 mg/L	93.6	—	75	125

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	:	VW-VES(HK) LTD	Laboratory	:	ALS Technichem (HK) Pty Ltd	Page	:	1 of 10
Contact	:	MS JENNIFER CHAN	Contact	:	Fung Lim Chee, Richard	Work Order	:	
Address	:	UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	:	11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		:	HK1516848
E-mail	:	jennifer.chan@veolia.com	E-mail	:	Richard.Fung@alsglobal.com		:	
Telephone	:	+852 2910 9709	Telephone	:	+852 2810 1044	Date Samples Received	:	20-MAY-2015
Faxsimile	:	+852 2430 8011	Faxsimile	:	+852 2810 2021	Issue Date	:	22-MAY-2015
Project	:	.....	Quote number	:	.....	No. of samples received	:	13
Order number	:	.....				No. of samples analysed	:	13
C-O-C number	:	.....					
Site	:	.....					

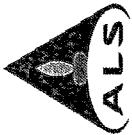
This report may not be reproduced except with prior written approval from the testing laboratory.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.

Signatories Position Authorised results for

Fung Lim Chee, Richard General Manager Inorganics

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2810 1044 Fax: +852 2810 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number	2 of 10
Client	VW-VES(HK) LTD
Work Order	HK1516848

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is:

21-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1516848

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 10
Client : VW-VES(HK) LTD
Work Order : HK1516848

Analytical Results

Sub-Matrix: SOLID		Client sample ID		ASH AF	ASH AF	ASH AF	ASH AF	RESIDUE AE	RESIDUE AF
Compound	CAS Number	Client sampling date /time	Unit	18-MAY-2015 14:20	18-MAY-2015 14:50	18-MAY-2015 16:50	18-MAY-2015 16:20	18-MAY-2015 10:40	18-MAY-2015 10:40
EA/EED: Physical and Aggregate Properties									
EA002: pH Value									
EA055: Moisture Content (dried @ 103°C)									

Page Number : 4 of 10
Client : VW-VES(HK) LTD
Work Order : HK1516848



Sub-Matrix: SOLID		Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	LOR	Unit	Client sampling date /time	18-MAY-2015 09:15	18-MAY-2015 12:30	18-MAY-2015 13:10	18-MAY-2015 09:00	18-MAY-2015 07:40	18-MAY-2015 07:40	
EA/FD: Physical and Aggregate Properties											
EA002: pH Value	—	0.1	pH Unit	10.7	9.9	9.9	10.9	10.8	10.7		
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	21.5	9.4	21.5	21.3	21.3	22.9		

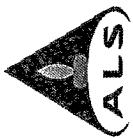
Page Number : 5 of 10
Client : VW-VES(HK) LTD
Work Order : HK1516848

Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	RESIDUE AF
		Client sampling date /time	18-MAY-2015 09:40
EA/EED: Physical and Aggregate Properties			
EA002: pH Value	—	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	—	0.1	%
		10.6	24.4
		10.8	24.9
		10.8	22.8





Compound	CAS Number	LOR	Unit	ASH AF		ASH AF		ASH AF		RESIDUE AE	
				Client sample ID	Client sampling date /time	18-MAY-2015 12:00	18-MAY-2015 12:00	18-MAY-2015 12:00	18-MAY-2015 12:00	18-MAY-2015 12:00	18-MAY-2015 12:00
EC: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1	
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1	
EG020: Copper	7440-50-8	1	mg/kg	1		<1		<1		1	
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1	
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1	
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1	
EG020: Zinc	7440-86-6	1	mg/kg	1		<1		1		1	
Sample Preparation Method				—	—	1	1	1	1	2	2
E-TCLP: Extraction Fluid Number				—	—	1	1	1	1	2	2



Sub-Matrix: TCLP LEACHATE		Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date /time	18-MAY-2015 12:00	18-MAY-2015 12:00	18-MAY-2015 12:00	18-MAY-2015 12:00
		LOR	Unit	HK1516848-006	HK1516848-007	HK1516848-008
EG: Metals and Major Cations - Filtered						
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	2	3	2
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1
EG020: Vanadium	7440-82-2	1	mg/kg	<1	<1	<1
EG020: Zinc	7440-86-6	1	mg/kg	<1	1	<1
Sample Preparation Method		—	—	2	2	2
E-TCLP: Extraction Fluid Number		—	—	2	2	2

Page Number : 8 of 10
 Client : VW-VES(HK) LTD
 Work Order : HK1516848



Compound	CAS Number	LOR	Client sample ID	Client sampling date / time	RESIDUE AF		RESIDUE AF
					Unit	18-MAY-2015 12:00	18-MAY-2015 12:00
EC: Metals and Major Cations - Filtered							
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	
EG020: Copper	7440-50-8	1	mg/kg	2		2	
EG020: Lead	7438-92-1	1	mg/kg	<1		<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1		<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1	
EG020: Tin	7440-31-6	1	mg/kg	<1		<1	
EG020: Vanadium	7440-52-2	1	mg/kg	<1		<1	
EG020: Zinc	7440-86-6	1	mg/kg	1		<1	
Sample Preparation Method							
E-TCLP: Extraction Fluid Number	—	—	—	2	2	2	2



Laboratory Duplicate (DUP) Report

Matrix: SOIL				Method: Compound			
Laboratory sample ID	Client sample ID			CAS Number	LOR	Unit	Original Result
EAIED: Physical and Aggregate Properties (QC Lot: 3938371)							
HK1516848-001	ASH AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	%	16.4
HK1516848-011	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	%	24.4
EAIED: Physical and Aggregate Properties (QC Lot: 3939003)							
HK1516848-001	ASH AF	EA002: pH Value	—	0.1	pH Unit	pH Unit	9.8
EAIED: Physical and Aggregate Properties (QC Lot: 3938371)							
HK1516848-001	ASH AF	EA002: pH Value	—	0.1	pH Unit	pH Unit	9.8

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			
Matrix: Compound				Spike Recovery (%)				Recovery Limits (%)			
CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	RPD (%)	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 3939581)											
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	87.9	—	76	118	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	106	—	72	124	—	—
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	109	—	80	120	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	99.6	—	74	122	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	99.0	—	79	117	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	104	—	78	120	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	107	—	78	118	—	—
EG020: Lead	7439-32-1	1	mg/L	<1	1 mg/L	107	—	79	115	—	—
EG020: Mercury	7439-37-6	0.1	mg/L	<0.1	0.02 mg/L	113	—	76	120	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	106	—	78	120	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	95.1	—	81	119	—	—
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	98.8	—	76	114	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	108	—	81	113	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	88.9	—	79	119	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	105	—	78	124	—	—
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	93.1	—	70	130	—	—

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

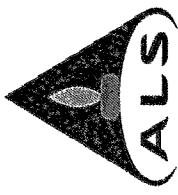
Matrix: WATER

EG: Metals and Major Cations - Filtered (QC Lot: 3939581)

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report			
				Spike Concentration	MS	MSD	Recovery Limits (%)
							RPD (%)
HK1516848-001	ASH AF						
		EG020: Antimony	7440-36-0	1 mg/L	91.6	—	75
		EG020: Arsenic	7440-38-2	1 mg/L	105	—	75
		EG020: Barium	7440-39-3	1 mg/L	110	—	75
		EG020: Beryllium	7440-41-7	1 mg/L	100	—	75
		EG020: Cadmium	7440-43-9	1 mg/L	99.6	—	75
		EG020: Chromium	7440-47-3	1 mg/L	105	—	75
		EG020: Copper	7440-50-8	1 mg/L	80.3	—	75
		EG020: Lead	7439-92-1	1 mg/L	93.8	—	75
		EG020: Mercury	7439-97-6	0.02 mg/L	111	—	75
		EG020: Nickel	7440-02-0	1 mg/L	98.1	—	75
		EG020: Selenium	7782-49-2	1 mg/L	99.9	—	75
		EG020: Silver	7440-22-4	1 mg/L	84.6	—	75
		EG020: Thallium	7440-28-0	1 mg/L	95.9	—	75
		EG020: Tin	7440-31-5	1 mg/L	88.4	—	75
		EG020: Vanadium	7440-62-2	1 mg/L	103	—	75
		EG020: Zinc	7440-66-6	1 mg/L	79.3	—	75

ALS Technichem (HK) Pty Ltd

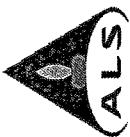
ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client		Laboratory	Page
Contact	Address	Contact	Work Order
: VW-VES(HK) LTD	: MS JENNIFER CHAN	: ALS Technichem (HK) Pty Ltd	: 1 of 15
		: Fung Lim Chee, Richard	: HK1517342
Address	Address		
: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail		E-mail	
Telephone	: Jennifer.chan@veolla.com	Telephone	: Richard.Fung@alsglobal.com
Faxsimile	: +852 2910 9709	Faxsimile	: +852 2610 1044
Project	: +852 2430 8011	Quote number	: +852 2610 2021
Order number	: -----	Date Samples Received	: 22-MAY-2015
C-O-C number	: -----	Issue Date	: 28-MAY-2015
Site	: -----	No. of samples received	: 25
		No. of samples analysed	: 25
This report may not be reproduced except with prior written approval from the testing laboratory.		This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6. Signatories	
		Position	
		Fung Lim Chee, Richard	
		General Manager	
		Inorganics	

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044, Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 15
Client : VV-VES(HK) LTD
Work Order : HK1517342

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is:

27-MAY-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1517342

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 15
Client : VW-VES(HK) LTD
Work Order : HK1517342



Analytical Results

Sub-Matrix: SOLID	Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	Client sampling date / time	19-MAY-2015 07:40	19-MAY-2015 08:10	19-MAY-2015 08:50	19-MAY-2015 09:15
CAS Number	LOR	Unit	HK1517342-001	HK1517342-002	HK1517342-003
EA/ED: Physical and Aggregate Properties					
EA002: pH Value	—	0.1	pH Unit	10.7	10.7
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	20.5	24.3
				23.9	29.2
					28.3

Page Number : 4 of 15
Client : VW-VES(HK) LTD
Work Order : HK1517342

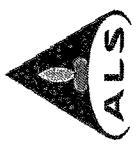


Sub-Matrix: SOLID		Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	Client sampling date /time	Unit	19-MAY-2015 17:00	20-MAY-2015 09:50	20-MAY-2015 09:10	20-MAY-2015 14:30	20-MAY-2015 15:45	
	HK1517342-006	HK1517342-007	HK1517342-008	HK1517342-009	HK1517342-010				
EA/EQD: Physical and Aggregate Properties									
EA002: pH Value	—	0.1	pH Unit	10.7	10.8	10.9	10.8	10.8	
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	22.9	21.0	23.7	25.9	22.8	

Page Number : 5 of 15
Client : VW-VES(HK) LTD
Work Order : HK1517342

Sub-Matrix: SOLID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	Client sample ID / time	Client sampling date / time	Unit	LOR	Unit	LOR
		HK1517342-011	20-MAY-2015 16:15	HK1517342-012	20-MAY-2015 10:55	HK1517342-013	20-MAY-2015 14:00
EA/EFD: Physical and Aggregate Properties							
EA002: pH Value	—	0.1	pH Unit	10.8	10.8	10.9	10.9
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	26.3	26.5	24.1	20.8

Page Number : 6 of 15
Client : VM-VES(HK) LTD
Work Order : HK1517342



Sub-Matrix: SOLID		Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time	21-MAY-2015 11:30	21-MAY-2015 09:05	21-MAY-2015 08:30	21-MAY-2015 10:15
	HK1517342-016	LOR	HK1517342-017	HK1517342-018	HK1517342-019	HK1517342-020
LATED: Physical and Aggregate Properties						
EA002: pH Value	—	0.1	pH Unit	11.0	10.7	10.7
EA055: Moisture Content (dried @ 103°C)	—	0.1	%	5.6	24.4	24.1
					7.2	10.8
						26.1

Page Number : 7 of 15
Client : VW-VES(HK) LTD
Work Order : HK1517342



Sub-Matrix: SOLID		Client sample ID		RESIDUE AF		RESIDUE AE		RESIDUE AE		RESIDUE AE	
Compound	CAS Number	Client sampling date /time	Unit	21-MAY-2015 10:50	21-MAY-2015 16:00	21-MAY-2015 15:10	21-MAY-2015 14:10	21-MAY-2015 14:10	21-MAY-2015 15:50	21-MAY-2015 15:50	21-MAY-2015 15:50
EA002: Physical and Aggregate Properties	—	0.1	pH Unit	10.8	10.8	10.7	10.8	10.8	10.8	10.8	10.8
EA002: pH Value	—	0.1	%	26.5	19.4	24.3	24.9	24.9	24.9	24.9	24.9
EA056: Moisture Content (dried @ 103°C)	—	—	—	—	—	—	—	—	—	—	—



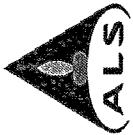
Sub-Matrix: TCLP LEACHATE		Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	LOR	Unit	Client sampling date /time	21-MAY-2015 12:00	21-MAY-2015 12:00	21-MAY-2015 12:00	21-MAY-2015 12:00	21-MAY-2015 12:00
ECs: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	<1	<1	<1	<1	<1	<1
Sample Preparation Method									
E-TCLP: Extraction Fluid Number		—	—	1	1	1	1	1	1

Page Number : 9 of 15
Client : VM-VES(HK) LTD
Work Order : HK1517342



Sub-Matrix: TCLP LEACHATE

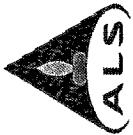
Compound	CAS Number	LOR	Unit	Client sample ID	Client sampling date /time	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
EGL: Metals and Major Cations - Filtered											
EG020: Antimony	7440-38-0	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1	<1	<1	<1	<1	<1	<1	<1
EG020: Lead	7439-92-1	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg		<1	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg		<1	1	<1	1	1	1	2
EG020: Zinc	7440-66-6	1	mg/kg								
Sample Preparation Method		—	—	—	2	2	2	2	2	2	1
E-TCLP: Extraction Fluid Number											



Sub-Matrix: TCLP LEACHATE		Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	LOR	Unit	21-MAY-2015 12:00	HK1517342-011	21-MAY-2015 12:00	HK1517342-012	21-MAY-2015 12:00	HK1517342-013
EC: Metals and Major Cations - Filtered									
EG020: Antimony	7440-38-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	<1	<1	1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-6	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1	<1	1	<1
EG020: Zinc	7440-66-6	1	mg/kg	7	<1	<1	<1	1	<1
Sample Preparation Method		—	—	2	1	1	1	2	2
E-TCLP: Extraction Fluid Number									



Sub-Matrix: TCLP LEACHATE		Client sample ID		RESIDUE AF		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	LOR	Unit	21-MAY-2015 12:00	HK1517342-016	21-MAY-2015 12:00	HK1517342-017	21-MAY-2015 12:00	HK1517342-018
IC: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	<1	<1	2	1
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	<1	1	1	1	1	1
Sample Preparation Method		—	—	2	2	1	2	2	2
E-TCLP: Extraction Fluid Number									



Compound	CAS Number	LOR	Client sample ID	RESIDUE AF		RESIDUE AE		RESIDUE AE	
				Client sampling date /time	21-MAY-2015 12:00	21-MAY-2015 12:00	21-MAY-2015 12:00	21-MAY-2015 12:00	21-MAY-2015 12:00
EQ: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1		<1		<1	<1
EG020: Lead	7438-92-1	1	mg/kg	<1		<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1	<1
EG020: Zinc	7440-86-6	1	mg/kg	1		2		2	2
Sample Preparation Method									
E-TCLP: Extraction Fluid Number									
			-	-	2	2	2	2	2



Laboratory Duplicate (DUP) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/E/D: Physical and Aggregate Properties (QC Lot: 3940841)								
HK1517342-001	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	20.5	20.4	0.0
HK1517342-011	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	26.3	25.9	1.5
EA/E/D: Physical and Aggregate Properties (QC Lot: 3940842)								
HK1517342-021	RESIDUE AF	EA055: Moisture Content (dried @ 103°C)	—	0.1	%	26.5	26.3	0.6
HK1517342-001	RESIDUE AF	EA002: pH Value	—	0.1	pH Unit	10.7	10.7	0.0
HK1517342-021	RESIDUE AF	EA002: pH Value	—	0.1	pH Unit	10.8	10.7	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	Method Blank (MB) Report			LCS			DCS			Recovery Limits (%)			RPD (%)
	CAS Number	LOR	Unit	Result	Concentration	Spike	Recovery (%)	Low	High	Value	Control Limit		
EG: Metals and Major Cations - Filtered (QC Lot: 39433693)													
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	101	—	76	118	—	—	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	97.3	—	72	124	—	—	—	—
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	95.6	—	80	120	—	—	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	105	—	74	122	—	—	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	101	—	79	117	—	—	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	99.4	—	78	120	—	—	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	96.0	—	78	118	—	—	—	—
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	94.4	—	79	115	—	—	—	—
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	112	—	76	120	—	—	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	95.0	—	78	120	—	—	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	111	—	81	119	—	—	—	—
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	103	—	76	114	—	—	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	94.7	—	81	113	—	—	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	102	—	79	119	—	—	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	95.4	—	78	124	—	—	—	—
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	97.4	—	70	130	—	—	—	—
EG: Metals and Major Cations - Filtered (QC Lot: 39433594)													
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	98.9	—	76	118	—	—	—	—
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	95.2	—	72	124	—	—	—	—
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	95.5	—	80	120	—	—	—	—
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	100	—	74	122	—	—	—	—
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	99.1	—	79	117	—	—	—	—
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	99.4	—	78	120	—	—	—	—
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	96.1	—	78	118	—	—	—	—
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	100	—	79	115	—	—	—	—



Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration		Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					LCS	DCS	Low	High	Value	Control Limit		
EC: Metals and Major Cations - Filtered (QC Lot: 3943594) - Continued												
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	113	—	—	76	120	—	—
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	101	—	—	78	120	—	—
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	107	—	—	81	119	—	—
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	104	—	—	76	114	—	—
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	97.3	—	—	81	113	—	—
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	102	—	—	79	119	—	—
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	94.4	—	—	78	124	—	—
EG020: Zinc	7440-96-6	1	mg/L	<1	1 mg/L	95.8	—	—	70	130	—	—

Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

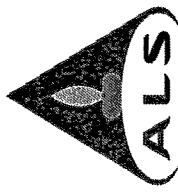
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
			Spike Concentration		Spike Recovery (%)		Recovery Limits (%)	
			MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 3943593)								
HK1517342-001	RESIDUE AF		7440-38-0	1 mg/L	98.1	—	75	125
		Method: Compound	7440-38-2	1 mg/L	97.2	—	75	125
			7440-38-3	1 mg/L	92.2	—	75	125
			7440-41-7	1 mg/L	100	—	75	125
			7440-43-9	1 mg/L	99.4	—	75	125
			7440-47-3	1 mg/L	96.1	—	75	125
			7440-50-8	1 mg/L	91.3	—	75	125
			7439-92-1	1 mg/L	88.5	—	75	125
			7439-97-6	0.02 mg/L	113	—	75	125
			7440-02-0	1 mg/L	90.7	—	75	125
			7782-49-2	1 mg/L	121	—	75	125
			7440-22-4	1 mg/L	91.3	—	75	125
			7440-28-0	1 mg/L	87.0	—	75	125
			7440-31-5	1 mg/L	102	—	75	125
			7440-52-2	1 mg/L	92.2	—	75	125
			7440-86-6	1 mg/L	91.2	—	75	125
EG: Metals and Major Cations - Filtered (QC Lot: 3943594)								
HK1517342-021	RESIDUE AF		7440-38-0	1 mg/L	106	—	75	125
		Method: Compound	7440-38-2	1 mg/L	104	—	75	125
			7440-38-3	1 mg/L	102	—	75	125
			7440-41-7	1 mg/L	99.8	—	75	125
			7440-43-9	1 mg/L	107	—	75	125
			7440-47-3	1 mg/L	102	—	75	125
			7440-50-8	1 mg/L	97.6	—	75	125
			7439-92-1	1 mg/L	96.7	—	75	125
			7439-97-6	0.02 mg/L	111	—	75	125
			7440-02-0	1 mg/L	103	—	75	125
			7782-49-2	1 mg/L	113	—	75	125
			7440-22-4	1 mg/L	81.9	—	75	125
			7440-28-0	1 mg/L	96.2	—	75	125
			7440-31-5	1 mg/L	107	—	75	125
			7440-52-2	1 mg/L	102	—	75	125
			7440-86-6	1 mg/L	90.9	—	75	125

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	:	VW-YES(HK) LTD	Laboratory	:	ALS Technichem (HK) Pty Ltd	Page	:	1 of 21
Contact	:	MS JENNIFER CHAN	Contact	:	Fung Lim Chee, Richard	Work Order	:	HK1517566
Address	:	UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	:	11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong			
E-mail	:	jennifer.chan@reolia.com	1					
Telephone	:	+852 2910 9709	E-mail	:	Richard.Fung@alsglobal.com	Date Samples Received		
Faximile	:	+852 2430 8011	Telephone	:	+852 2610 1044	Issue Date		
Project	:	-----	Faximile	:	+852 2610 2021	No. of samples received		
Order number	:	-----	Quote number:	:	-----	No. of samples analysed		
C-O-C number	:	-----						
Site	:	-----						

This report may not be reproduced except with prior written approval from the testing laboratory.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter 553, Section 6.

Signatories

Fung Lim Chee, Richard

Position

General Manager

Authorised results for

Inorganics

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company



Page Number : 2 of 21
Client : VW-VBS(HK) LTD
Work Order : HK1517566

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 28-MAY-2015
Key IOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1517566

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.

Sample(s) analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

Page Number : 3 of 21
Client : W-W-VES(HK) LTD
Work Order : HK1517566



Analytical Results

Sub-Matrix: SOLID	Cient sample ID	ASH AF	ASH AF	ASH AF	ASH AF	ASH A 中灰
Compound	Cient sampling date / time	22-MAY-2015 08:45	22-MAY-2015 09:15	23-MAY-2015 07:50	23-MAY-2015 08:40	23-MAY-2015 09:20
CAS Number	LOR	Unit	HK1517566-001	HK1517566-002	HK1517566-003	HK1517566-004
EA/EED: Physical and Aggregate Properties						
EA002: pH Value	---	0.1	pH Unit	10.1	9.8	9.7
EA055: Moisture Content (dried @ 103 C)	---	0.1	%	3.5	6.6	22.9
						16.7

Page Number : 4 of 21
Client : W-VES(HK) LTD
Work Order : HK1517566



Compound	CAS Number	LOR	Client sample ID	Client sampling date / time		RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
				Unit	22-MAY-2015 13:40					
BA/BD: Physical and Aggregate Properties										
BA002: pH Value	---	0.1	pH Unit	10.5		10.5		10.5		10.4
BA055: Moisture Content (dried @ 103°C)	---	0.1	%	26.5		23.0		24.8		26.8
										25.4

Page Number : 5 of 21
Client : VW-VES(HK) LTD
Work Order : HK1517566



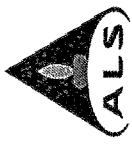
Sub-Matrix: SOLID		Client sample ID		RESIDUE AE		RESIDUE AE		RESIDUE AE		RESIDUE AE	
Compound	CAS Number	Client sampling date / time		22-MAY-2015 14:20		22-MAY-2015 14:40		22-MAY-2015 10:30		22-MAY-2015 17:30	
		LOR	Unit	HK1517566-011	HK1517566-012	HK1517566-013	HK1517566-014	HK1517566-015	HK1517566-015	HK1517566-015	HK1517566-015
EA/ED: Physical and Aggregate Properties											
EA002: pH Value	----	0.1	pH Unit	10.6	10.7	10.5	10.5	10.5	10.5	10.5	10.5
EA055: Moisture Content	(dried @ 103°C)	0.1	%	24.6	21.0	24.5	23.0	24.8	24.8	24.8	24.8

Page Number : 6 of 21
Client : W-VES(HK) LTD
Work Order : HK1517566



Sub-Matrix: SOLID		Client sample ID		RESIDUE AE		RESIDUE AE		RESIDUE AF		RESIDUE AF	
Compound	CAS Number	CAS Number	LOR	Unit	Client sampling date / time	[23-MAY-2015 14:00]	[23-MAY-2015]	23-MAY-2015 17:00	23-MAY-2015 10:55	23-MAY-2015 13:00	
SA/ED: Physical and Aggregate Properties											
EA002: pH Value	----	0.1	pH Unit	10.6		10.7		10.7	10.9		10.8
EA055: Moisture Content (dried @ 103°C)	----	0.1	%	25.9		28.0		27.0	23.0		24.3

Page Number : 7 of 21
Client : W-VES(HK) LTD
Work Order : HK1517566



Sub-Matrix: SOLID				Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Lot#	Unit	Client sampling date / time	[23-MAY-2015]	23-MAY-2015 13:30	23-MAY-2015 09:40	24-MAY-2015 14:50	24-MAY-2015 13:40
				HK1517566-021	HK1517566-022	HK1517566-023	HK1517566-024	HK1517566-025	
EA/ED: Physical and Aggregate Properties									
EA002: pH Value	---	0.1	pH Unit	10.9	11.0	10.8	10.5	10.5	10.5
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	24.1	25.2	28.8	25.9	20.4	

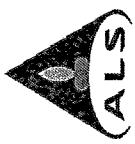
Page Number : 8 of 21
Client : W-VES(HK) LTD
Work Order : HK1517566

Sub-Matrix: SOLID

Compound	CAS Number	LOR	Client sample ID	Client sampling date / time	RESIDUE AF	RESIDUE AE	RESIDUE AE	RESIDUE AE	RESIDUE AE	RESIDUE AE
				24-MAY-2015 12:40	24-MAY-2015 17:45	24-MAY-2015 17:00	24-MAY-2015 18:10	24-MAY-2015 18:10	25-MAY-2015 16:10	25-MAY-2015 16:10
BA/BD: Physical and Aggregate Properties										
BA002: pH Value	----	0.1	pH Unit	10.4	10.5	10.6	10.6	10.6	10.5	10.5
BA055: Moisture Content (dried @ 103°C)	----	0.1	%	22.2	22.9	26.1	22.8	22.8	21.9	21.9



Page Number : 9 of 21
Client : W-VES(HK) LTD
Work Order : HK1517566



Sub-Matrix: SOLID				Client sample ID	RESIDUE AE	RESIDUE AE	RESIDUE AF	RESIDUE AF
				Client sampling date / time	25-MAY-2015 17:00	25-MAY-2015 18:30	25-MAY-2015 15:00	25-MAY-2015 08:00
Compound	CAS Number	LCR	Unit	HK1517566-031	HK1517566-032	HK1517566-033	HK1517566-034	HK1517566-035
EA/ED: Physical and Aggregate Properties								
EA002: pH Value	----	0.1	pH Unit	10.5	10.5	10.4	10.6	10.6
EA055: Moisture Content	-----	0.1	%	21.8	26.8	19.9	21.5	23.3
(dried @ 103°C)								

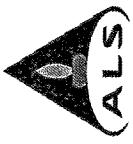
Page Number : 10 of 21
Client : VW-VES(HK) LTD
Work Order : HK1517566



Sub-Matrix: SOLID				Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time		25-MAY-2015 10:45	25-MAY-2015 14:10	25-MAY-2015 12:00	25-MAY-2015 13:10	
		LOR	Unit	HK1517566-036	HK1517566-037	HK1517566-038	HK1517566-039	
BA/BD: Physical and Aggregate Properties								
BA002: pH Value	---	0.1	g/t Unit	10.6	10.6	10.7	10.7	
BA055: Moisture Content (dried @ 103°C)	---	0.1	%	19.3	25.4	26.7	25.6	



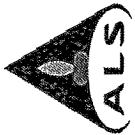
Compound	CAS Number	LOR	Client sample ID Unit	Client sampling date / time		ASH AF HK1517566-001	ASH AF HK1517566-002	ASH AF HK1517566-003	ASH AF HK1517566-004	ASH A 中灰 HK1517566-005
				22-MAY-2015 12:00	22-MAY-2015 12:00					
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	ng/kg	<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	ng/kg	<1		<1		<1		<1
EG020: Barium	7440-39-3	1	ng/kg	<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	ng/kg	<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	ng/kg	<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	ng/kg	<1		<1		<1		<1
EG020: Copper	7440-50-8	1	ng/kg	<1		<1		<1		<1
EG020: Lead	7439-92-1	1	ng/kg	<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	ng/kg	<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	ng/kg	<1		<1		<1		<1
EG020: Thallium	7440-28-0	1	ng/kg	<1		<1		<1		<1
EG020: Tin	7440-31-5	1	ng/kg	<1		<1		<1		<1
EG020: Vanadium	7440-62-2	1	ng/kg	<1		<1		<1		<1
EG020: Zinc	7440-66-6	1	ng/kg	1	2	1	1	1	1	<1
Sample Preparation Method										
B-TCLP: Extraction Fluid	....	-	--	1	1	1	1	1	1	1
Number										



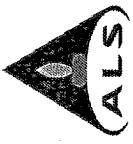
Compound	Client sample ID		Client sampling date / time		RESIDUE AF		RESIDUE AF		RESIDUE AF	
	CAS Number	LOR	Unit	HK1517566-006	22-MAY-2015 12:00	HK1517566-007	22-MAY-2015 12:00	HK1517566-008	22-MAY-2015 12:00	HK1517566-009
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1
EG020: Arsenic	7440-36-2	1	mg/kg	<1		<1		<1		<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1
EG020: Copper	7440-50-8	1	mg/kg	<1		<1		<1		<1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1
EG020: Zinc	7440-66-6	1	mg/kg	<1		<1		<1		<1
Sample Preparation Method										
E-TCLP: Extraction Fluid Number	----	-	--	1		1		1		1



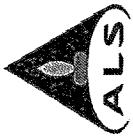
Compound	CAS Number	LOR	Client sample ID Unit	RESIDUE AE		RESIDUE AE	RESIDUE AE	RESIDUE AE
				Client sampling date / time	22-MAY-2015 12:00			
EG: Metals and Major Cations - Filtered								
EG020: Antimony	7440-35-0	1	ng/kg	<1	<1	<1	<1	<1
EG020: Arsenic	7440-36-2	1	ng/kg	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	ng/kg	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	ng/kg	<1	<1	<1	<1	<1
EG020: Cadmium	7440-42-9	1	ng/kg	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	ng/kg	<1	<1	<1	<1	<1
EG020: Copper	7440-56-8	1	ng/kg	2	1	1	2	<1
EG020: Lead	7439-92-1	1	ng/kg	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	ng/kg	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	ng/kg	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	ng/kg	<1	<1	<1	<1	<1
EG020: Tin	7440-31-3	1	ng/kg	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	ng/kg	<1	<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	ng/kg	1	1	1	2	<1
Sample Preparation Method				2	2	2	2	1
E-TCLP: Extraction Fluid	----	-	--	2	2	2	2	1



Compound	Client sample ID		Client sampling date / time		RESIDUE AE		RESIDUE AE		RESIDUE AF		RESIDUE AF	
	GLS Number	LOR	Unit	23-MAY-2015 12:00	[23-MAY-2015]	HK1517566-017	23-MAY-2015 12:00	HK1517566-018	23-MAY-2015 12:00	HK1517566-019	23-MAY-2015 12:00	HK1517566-020
EG: Metals and Major Cations - Filtered												
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1		<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1		<1
EG020: Copper	7440-50-8	1	mg/kg	<1		1		<1		<1		<1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1		<1
EG020: Thallium	7440-23-0	1	mg/kg	<1		<1		<1		<1		<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1		<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1		<1
EG020: Zinc	7440-66-6	1	mg/kg	<1		2		1		1		1
Sample Preparation Method		---	---	1		2		1		1		1
B-TCLP: Extraction Fluid Number												



Compound	CAS Number	Client sample ID	RESIDUE AF		RESIDUE AF	RESIDUE AF
			Client sampling date / time	[23-MAY-2015]	23-MAY-2015 12:00	24-MAY-2015 12:00
EG: Metals and Major Cations - Filtered						
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	<1	<1	<1
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	<1	1	1
Sample Preparation Method						
B-TCLP: Extraction Fluid	----	-	--	1	1	1
Number						



Compound	Client sample ID		RESIDUE AF		RESIDUE AE		RESIDUE AE		RESIDUE AE	
	CAS Number	LOR	Client sampling date / time	24-MAY-2015 12:00	24-MAY-2015 12:00	24-MAY-2015 12:00	24-MAY-2015 12:00	24-MAY-2015 12:00	24-MAY-2015 12:00	25-MAY-2015 12:00
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	ng/kg	<1	2	1	1	1	1	1
EG020: Lead	7439-92-1	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	ng/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	ng/kg	<1	2	3	3	3	3	3
Sample Preparation Method										
E-TCLP: Extraction Fluid	....	-	--	1	1	2	2	2	2	1
Number										



Compound	Sub-Matrix: TCLP LEACHATE	Client sample ID		RESIDUE AE		RESIDUE AE		RESIDUE AE		RESIDUE AE	
		CGS Number	LOR	Client sampling date / time	25-MAY-2015 12:00	Unit	HK1517566-031	25-MAY-2015 12:00	Unit	HK1517566-032	25-MAY-2015 12:00
EG: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	ng/kg	<1		<1		<1		<1	
EG020: Arsenic	7440-38-2	1	ng/kg	<1		<1		<1		<1	
EG020: Barium	7440-39-3	1	ng/kg	<1		<1		<1		<1	
EG020: Beryllium	7440-41-7	1	ng/kg	<1		<1		<1		<1	
EG020: Cadmium	7440-43-9	1	ng/kg	<1		<1		<1		<1	
EG020: Chromium	7440-47-3	1	ng/kg	<1		<1		<1		<1	
EG020: Copper	7440-50-8	1	ng/kg	1		2		1		<1	
EG020: Lead	7439-92-1	1	ng/kg	<1		<1		<1		<1	
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2		<0.2		<0.2		<0.2	
EG020: Nickel	7440-02-0	1	ng/kg	<1		<1		<1		<1	
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2		<0.2		<0.2		<0.2	
EG020: Silver	7440-22-4	1	ng/kg	<1		<1		<1		<1	
EG020: Thallium	7440-23-0	1	ng/kg	<1		<1		<1		<1	
EG020: Tin	7440-31-5	1	ng/kg	<1		<1		<1		<1	
EG020: Vanadium	7440-62-2	1	ng/kg	<1		2		<1		<1	
EG020: Zinc	7440-65-6	1	ng/kg	<1		2		<1		<1	
Sample Preparation Method											
E-TCLP: Extraction Fluid Number	....	-	--	1		2		1		1	
											1



Compound	Client sample ID		RESIDUE AF		RESIDUE AF	
	CAS Number	LOR	Client sampling date / time	25-MAY-2015 12:00	25-MAY-2015 12:00	25-MAY-2015 12:00
EG: Metals and Major Cations - Filtered						
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	2	2	2
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Nickel	7440-03-0	1	mg/kg	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1	<1	<1
EG020: Zinc	7440-56-6	1	mg/kg	2	2	1
Sample Preparation Method		----	--	2	1	2
B-TCLP: Extraction Fluid Number						

Laboratory Duplicate (DUP) Report

Laboratory Duplicate (DUP) Report										
Matrix: SOIL		Client sample ID		Method: Compound		CAS Number				
Laboratory sample ID						LOR	Unit	Original Result	Duplicate Result	RPD(%)
EA/ED: Physical and Aggregate Properties (QC Lot: 3943485)				EA055: Moisture Content (dried @ 103 °C)		0.1	%	3.5	3.3	4.0
HK1517566-001	ASH AF			EA055: Moisture Content (dried @ 103 °C)		0.1	%	24.6	24.7	0.0
HK1517566-011	RESIDUE AE			EA/ED: Physical and Aggregate Properties (QC Lot: 3943486)		0.1	%			
HK1517566-021	RESIDUE AF			EA055: Moisture Content (dried @ 103 °C)		0.1	%	24.1	24.4	1.0
HK1517566-031	RESIDUE AE			EA055: Moisture Content (dried @ 103 °C)		0.1	%	21.8	22.3	2.3
EA/ED: Physical and Aggregate Properties (QC Lot: 3944004)				EA002: pH Value		0.1	pH Unit	10.1	10.1	0.0
HK1517566-001	ASH AF			EA/ED: Physical and Aggregate Properties (QC Lot: 3944005)		0.1	pH Unit			
HK1517566-021	RESIDUE AF			EA002: pH Value		0.1	pH Unit	10.9	10.9	0.0
<i>Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Duplicate (DCS) Report</i>										
Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Duplicate (DCS) Report				
Matrix: Compound				CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)	Recovery Limits
								DCS	DCS	Low High
EG: Metals and Major Cations - Filtered (QC Lot: 3944556)										RPD(%)
EG020: Antimony	7440-36-0	1	mg/L	<1		1 mg/L	98.8	-----	76	118
EG020: Arsenic	7440-38-2	1	mg/L	<1		1 mg/L	99.4	-----	72	124
EG020: Barium	7440-39-3	1	mg/L	<1		1 mg/L	96.4	-----	80	120
EG020: Beryllium	7440-41-7	1	mg/L	<1		1 mg/L	91.1	-----	74	122
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1		1 mg/L	104	-----	79	117
EG020: Chromium	7440-47-3	1	mg/L	<1		1 mg/L	98.6	-----	78	120
EG020: Copper	7440-50-8	1	mg/L	<1		1 mg/L	96.1	-----	78	118
EG020: Lead	7439-92-1	1	mg/L	<1		1 mg/L	95.3	-----	79	115
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1		0.02 mg/L	112	-----	76	120
EG020: Nickel	7440-02-0	1	mg/L	<1		1 mg/L	95.3	-----	78	120
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2		1 mg/L	110	-----	81	119
EG020: Silver	7440-22-4	1	mg/L	<1		1 mg/L	99.6	-----	76	114
EG020: Thallium	7440-28-0	1	mg/L	<1		1 mg/L	94.2	-----	81	113
EG020: Tin	7440-31-5	1	mg/L	<1		1 mg/L	102	-----	79	119
EG020: Vanadium	7440-62-2	1	mg/L	<1		1 mg/L	99.4	-----	78	124
EG020: Zinc	7440-66-6	1	mg/L	<1		1 mg/L	94.8	-----	70	130
EG: Metals and Major Cations - Filtered (QC Lot: 3944557)										
EG020: Antimony	7440-36-0	1	mg/L	<1		1 mg/L	99.6	-----	76	118
EG020: Arsenic	7440-38-2	1	mg/L	<1		1 mg/L	99.0	-----	72	124
EG020: Barium	7440-39-3	1	mg/L	<1		1 mg/L	98.9	-----	80	120
EG020: Beryllium	7440-41-7	1	mg/L	<1		1 mg/L	95.4	-----	74	122



Matrix: WATER

Method: Blank (MB) Report

Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	CAS Number	LOR	Unit	Result	Concentrati on	Spike	Recovery Limits		Control Limit	
						LCS	DS	Low	High	
BG: Metals and Major Cations - Filtered (QC Lot:3944557) - Continued										
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	102	102	79	117	---
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	102	102	78	120	---
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	98.1	98.1	78	118	---
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	99.8	99.8	79	115	---
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	114	114	76	120	---
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	99.5	99.5	78	120	---
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	107	107	81	119	---
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	101	101	76	114	---
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	100	100	81	113	---
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	101	101	79	119	---
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	100	100	78	124	---
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	109	109	70	130	---

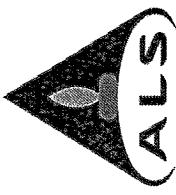
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration		Recovery Limits		Control Limit	
				MS	MSD	Low (%)	High (%)	Value	RPD(%)
EG: Metals and Major Cations - Filtered (QC Lot: 3944556)									
HK1517566-001	ASH AF								
EG020: Antimony		7440-36-0	1 mg/L	98.8	---	75	125	---	---
EG020: Arsenic		7440-38-2	1 mg/L	104	---	75	125	---	---
EG020: Barium		7440-39-3	1 mg/L	96.6	---	75	125	---	---
EG020: Beryllium		7440-41-7	1 mg/L	96.0	---	75	125	---	---
EG020: Cadmium		7440-43-9	1 mg/L	102	---	75	125	---	---
EG020: Chromium		7440-47-3	1 mg/L	98.5	---	75	125	---	---
EG020: Copper		7440-50-8	1 mg/L	90.6	---	75	125	---	---
EG020: Lead		7439-92-1	1 mg/L	96.9	---	75	125	---	---
EG020: Mercury		7439-97-6	0.02 mg/L	114	---	75	125	---	---
EG020: Nickel		7440-00-0	1 mg/L	97.2	---	75	125	---	---
EG020: Selenium		7782-49-2	1 mg/L	118	---	75	125	---	---
EG020: Silver		7440-22-4	1 mg/L	97.0	---	75	125	---	---
EG020: Thallium		7440-28-0	1 mg/L	98.0	---	75	125	---	---
EG020: Tin		7440-31-5	1 mg/L	105	---	75	125	---	---
EG020: Vanadium		7440-62-2	1 mg/L	102	---	75	125	---	---
EG020: Zinc		7440-66-6	1 mg/L	85.3	---	75	125	---	---
EG: Metals and Major Cations - Filtered (QC Lot: 3944557)									
HK1517566-001	RESIDUE AF								
EG020: Antimony		7440-36-0	1 mg/L	101	---	75	125	---	---
EG020: Arsenic		7440-38-2	1 mg/L	98.1	---	75	125	---	---
EG020: Barium		7440-39-3	1 mg/L	100	---	75	125	---	---
EG020: Beryllium		7440-41-7	1 mg/L	90.8	---	75	125	---	---
EG020: Cadmium		7440-43-9	1 mg/L	103	---	75	125	---	---
EG020: Chromium		7440-47-3	1 mg/L	97.3	---	75	125	---	---
EG020: Copper		7440-50-8	1 mg/L	93.0	---	75	125	---	---
EG020: Lead		7439-92-1	1 mg/L	94.1	---	75	125	---	---
EG020: Mercury		7439-97-6	0.02 mg/L	114	---	75	125	---	---
EG020: Nickel		7440-02-0	1 mg/L	98.0	---	75	125	---	---
EG020: Selenium		7782-49-2	1 mg/L	121	---	75	125	---	---
EG020: Silver		7440-22-4	1 mg/L	82.7	---	75	125	---	---
EG020: Thallium		7440-28-0	1 mg/L	93.5	---	75	125	---	---
EG020: Tin		7440-31-5	1 mg/L	104	---	75	125	---	---
EG020: Vanadium		7440-62-2	1 mg/L	102	---	75	125	---	---
EG020: Zinc		7440-66-6	1 mg/L	87.6	---	75	125	---	---

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact	: WY-VES(HK) LTD : MS JENNIFER CHAN	Laboratory Contact	: ALS Technichem (HK) Pty Ltd : Fung Lim Chee, Richard	Page Work Order	: 1 of 8 : HK1517710
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong	Date Samples Received	
			1	Issue Date	
E-mail	: jennifer.chan@yeolia.com	E-mail	: Richard.Fung@alsglobal.com	No. of samples received	
Telephone	: +852 2910 9709	Telephone	: +852 2610 1044	No. of samples analysed	
Fax/simile	: +852 2430 8011	Faxsimile	: +852 2610 2021		
Project	: -----	Quote number:	: -----		
Order number	: -----				
C-O-C number	: -----				
Site	: -----				

This report may not be reproduced except with prior
written approval from the testing laboratory.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic
signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter
553, Section 6.

Signatories

Position

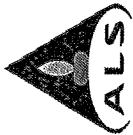
Fung Lim Chee, Richard

General Manager

Authorised results for

Inorganics

ALS Laboratory Group
Trading Name: **ALS Technichem (HK) Pty Ltd**
11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alservic.com
A Campbell Brothers Limited Company



Page Number : 2 of 8
Client : VW-VES(HK) LTD
Work Order : HK1517710

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 28-MAY-2015
Key IOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1517710

Sample(s) were picked up from client by ALS Technichem (HK) staff in an ambient condition.
Sample(s) analysed and reported on an as received basis,

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.

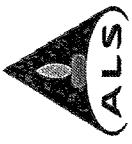
Page Number : 3 of 8
Client : W-VES(HK) LTD
Work Order : HK1517710



Analytical Results

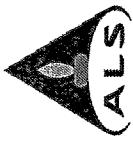
Sub-Matrix: SOLID		Client sample ID	ASH 中間灰	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AE
Compound	CAS Number	Client sampling date / time	26-MAY-2015 14:50	26-MAY-2015 08:30	26-MAY-2015 09:45	26-MAY-2015 11:20	26-MAY-2015 12:50
	LOR	Unit	HK1517710-001	HK1517710-002	HK1517710-003	HK1517710-004	HK1517710-005
EA/ED: Physical and Aggregate Properties							
EA002: pH Value	---	0.1	pH Unit	10.2	10.9	11.0	10.8
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	22.4	24.4	27.3	24.0

Page Number : 4 of 8
Client : W-VES(HK) LTD
Work Order : HK1517710



Sub-Matrix: SOLID				Client sample ID	RESIDUE AE	RESIDUE AE	RESIDUE AE
Compound	CAS Number	Client sampling date / time	Unit	26-MAY-2015 16:00	26-MAY-2015 17:20	26-MAY-2015 17:00	26-MAY-2015 18:00
BA/ED: Physical and Aggregate Properties		HK1517710-006	HK1517710-007	HK1517710-008	HK1517710-009		
BA002: pH Value							
BA002: pH Value	0.1	pH Unit	10.8	10.8	10.8	10.8	
BA055: Moisture Content (dried @ 103°C)	0.1	%	27.0	24.8	24.8	24.7	

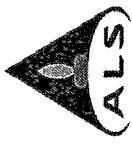
Page Number : 5 of 8
 Client : W-YES(HK) LTD
 Work Order : HK1517710



Compound	Client sample ID			ASH 中間灰		RESIDUE AF		RESIDUE AF		RESIDUE AE	
	CAS Number	LOR	Unit	Client sampling date / time	26-MAY-2015 12:00	26-MAY-2015 12:00	26-MAY-2015 12:00	26-MAY-2015 12:00	HK1517710-003	HK1517710-004	HK1517710-005
EG: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	mg/kg		<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	mg/kg		<1		<1		<1		<1
EG020: Barium	7440-39-3	1	mg/kg		<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	mg/kg		<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	mg/kg		<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	mg/kg		<1		<1		<1		<1
EG020: Copper	7440-50-8	1	mg/kg		<1		<1		2		2
EG020: Lead	7439-92-1	1	mg/kg		<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	mg/kg		<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	mg/kg		<1		<1		<1		<1
EG020: Selenium	7782-49-2	0.2	mg/kg		<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	mg/kg		<1		<1		<1		<1
EG020: Thallium	7440-28-0	1	mg/kg		<1		<1		<1		<1
EG020: Tin	7440-31-5	1	mg/kg		<1		<1		<1		<1
EG020: Vanadium	7440-52-2	1	mg/kg		<1		<1		<1		<1
EG020: Zinc	7440-55-6	1	mg/kg		<1		<1		2		1
Sample Preparation Method											
B-TCLP: Extraction Fluid	----	-	--		1		1		2		2
Number											



Compound	Client sample ID		Client sampling date / time		RESIDUE AE		RESIDUE AE		RESIDUE AE	
	CAS Number	LOR	Unit	HK1517710-006	26-MAY-2015 12:00	HK1517710-007	26-MAY-2015 12:00	HK1517710-008	26-MAY-2015 12:00	HK1517710-009
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1	2	2	2	2	2	2
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	1	1	1	1	1	1	1
EG020: Zinc	7440-96-6	1	mg/kg	1	1	1	1	1	1	1
Sample Preparation Method										
E-TCLP: Extraction Fluid	----	-	--	2	2	2	2	2	2	2
Number										



Laboratory Duplicate (DUP) Report

Matrix: SOIL

Laboratory Sample ID			Client sample ID			Method: Compound		
HK1517710-001			ASH 中間灰			EA055: Moisture Content (dried @ 103 °C)		
EA/ED: Physical and Aggregate Properties (QC Lot: 3945215)			EA002: pH Value			LOR		
HK1517566-031			Anonymous			Unit		

Matrix: WATER

Method Blank (MB) Report			Method Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		
CAS Number			CAS Number			CAS Number		
Method Blank (MB) Report			Method Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report			Method Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report		
Method: Compound	CAS Number	LOR	Method: Compound	CAS Number	LOR	Method: Compound	CAS Number	LOR
EG: Metals and Major Cations - Filtered (QC Lot: 3945348)			Concentration			Spike Recovery (%)		
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	95.7	...	76
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	94.9	...	72
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	95.6	...	80
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	91.4	...	74
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	97.3	...	79
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	95.6	...	78
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	95.9	...	78
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	95.7	...	79
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	114	...	76
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	93.8	...	78
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	108	...	81
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	102	...	76
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	93.3	...	81
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	98.0	...	79
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	97.6	...	78
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	88.7	...	70

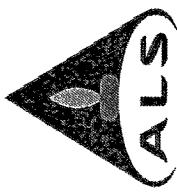
Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Laboratory sample ID	Client sample ID	Method Command	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
			Spike Concentration	MS	MSD	Recovery %	Low (%)	High (%)
CAS Number								Value
EG: Metals and Major Cations - Filtered (QC Lot: 3945348)								
HK1517710-001	ASH 中間灰							
			7440-36-0	1 mg/L	98.4	---	75	125
			7440-38-2	1 mg/L	97.6	---	75	125
			7440-39-3	1 mg/L	94.8	---	75	125
			7440-41-7	1 mg/L	94.6	---	75	125
			7440-43-9	1 mg/L	99.9	---	75	125
			7440-47-3	1 mg/L	99.3	---	75	125
			7440-50-8	1 mg/L	92.0	---	75	125
			7439-92-1	1 mg/L	92.4	---	75	125
			7439-97-6	0.02 mg/L	112	---	75	125
			7440-02-0	1 mg/L	93.2	---	75	125
			7782-49-2	1 mg/L	118	---	75	125
			7440-22-4	1 mg/L	96.2	---	75	125
			7440-28-0	1 mg/L	89.6	---	75	125
			7440-31-3	1 mg/L	98.2	---	75	125
			7440-62-2	1 mg/L	95.4	---	75	125
			7440-66-6	1 mg/L	87.9	---	75	125

ALS Technichem (HK) Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client Contact	: WVES(HK) LTD : MS JENNIFER CHAN	Laboratory Contact	: ALS Technichem (HK) Pty Ltd : Fung Lim Chee, Richard	Page Work Order	: 1 of 21 : HK1517945
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
			1		
E-mail	: jennifer.chan@veolia.com	E-mail	: Richard.Fung@alsglobal.com		
Telephone	: +852 2910 9709	Telephone	: +852 2610 1044	Date Samples Received	
Faximile	: +852 2430 8011	Faximile	: +852 2610 2021	Issue Date	: 29-MAY-2015
Project	: -----	Quote number	: -----	No. of samples received	: 02-JUN-2015
Order number	: -----			No. of samples analysed	: 38
C-O-C number	: -----				
Site	: -----				

This report may not be reproduced except with prior
written approval from the testing laboratory.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic
signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter
555, Section 6.

Signatories

Authorised results for

Fung Lim Chee, Richard General Manager Inorganics



Page Number : 2 of 21
Client : W-VES(HK) LTD
Work Order : HK1517945

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 01-JUN-2015
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1517945

Sample(s) were picked up from client by ALS Technician (HK) staff in an ambient condition.

Sample(s) analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.



Page Number : 3 of 21
Client : VW-VES(HK) LTD
Work Order : HK1517945

Analytical Results

Sub-Matrix: SOLID

Sub-Matrix: SOLID		Client sample ID		ASH AF	ASH AF	ASH AF	ASH 中間灰	ASH 中間灰
Compound	CAS Number	LCR	Unit	Client sampling date / time	27-MAY-2015 18:10	27-MAY-2015 18:40	27-MAY-2015 18:30	27-MAY-2015 15:00
EA/EED: Physical and Aggregate Properties	EA0022: pH Value	0.1	pH Unit	10.0	9.8	9.9	9.8	9.9
	EA055: Moisture Content (dried @ 103°C)	0.1	%	11.7	9.6	10.8	17.9	15.3

Page Number : 4 of 21
Client : W-VES(HK) LTD
Work Order : HK1517945



Sub-Matrix: SOLID				Client sample ID	ASH 中間灰	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time		ASH 中間灰	27-MAY-2015 16:10	27-MAY-2015 08:10	27-MAY-2015 07:50	27-MAY-2015 08:40
		LOR	Unit	HK1517945-006	HK1517945-007	HK1517945-008	HK1517945-009	HK1517945-010
EA/ED: Physical and Aggregate Properties								
EA002: pH Value	0.1	pH Unit	10.1	9.7	10.5	10.5	10.5
EA055: Moisture Content (dried @ 103°C)	0.1	%	10.6	18.0	19.7	26.5	24.9

Page Number : 5 of 21
Client : W-VES(HK) LTD
Work Order : HK1517945



Sub-Matrix: SOLID				Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	LOR	Unit	Client sampling date / time	27-MAY-2015 09:10	27-MAY-2015 09:30	27-MAY-2015 10:05	27-MAY-2015 10:40	27-MAY-2015 13:40	27-MAY-2015 13:40
BA/ED: Physical and Aggregate Properties										
BA002: pH Value	---	0.1	pH Unit	10.4	10.5	10.5	10.5	10.6	10.6	10.6
BA055: Moisture Content (dried @ 103°C)	---	0.1	%	23.6	27.8	27.1	22.4	22.4	22.4	22.4

Page Number : 6 of 21
Client : W-VES(HK) LTD
Work Order : HK1517945



Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	Client sampling date / time
BA002: pH Value	---	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	---	0.1	%
BA/ED: Physical and Aggregate Properties			
BA002: pH Value	---	10.6	10.6
EA055: Moisture Content (dried @ 103°C)	---	25.0	23.0
BA002: pH Value	---	21.3	23.2
EA055: Moisture Content (dried @ 103°C)	---	17.8	17.8

Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	Client sampling date / time
BA002: pH Value	---	0.1	27-MAY-2015 13:15
EA055: Moisture Content (dried @ 103°C)	---	HK1517945-016	HK1517945-017

Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	Client sampling date / time
BA002: pH Value	---	0.1	27-MAY-2015 13:20
EA055: Moisture Content (dried @ 103°C)	---	HK1517945-018	HK1517945-019

Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	Client sampling date / time
BA002: pH Value	---	0.1	27-MAY-2015 11:10
EA055: Moisture Content (dried @ 103°C)	---	HK1517945-019	HK1517945-020

Page Number : 7 of 21
Client : VW-VES(HK) LTD
Work Order : HK1517945

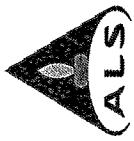


Sub-Matrix: SOLID		Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Client sampling date / time	28-MAY-2015 13:40	28-MAY-2015 14:40	28-MAY-2015 14:00	28-MAY-2015 11:00
		LOR	Unit	HK1517945-021	HK1517945-022	HK1517945-023
EA/ED: Physical and Aggregate Properties						
EA002: pH Value	---	0.1	pH Unit	10.9	10.9	11.0
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	21.8	22.4	24.1
					22.6	22.0



Sub-Matrix: SOLID			Client sample ID	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
Compound	CAS Number	Unit	Client sampling date / time	28-MAY-2015 15:20	28-MAY-2015 12:45	28-MAY-2015 10:50	28-MAY-2015 12:10	28-MAY-2015 11:50
			HK1517945-026	HK1517945-027	HK1517945-028	HK1517945-029	HK1517945-030	
EA/ED: Physical and Aggregate Properties								
EA002: pH Value	---	0.1	pH Unit	10.9	10.7	10.6	10.7	10.8
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	20.6	20.4	19.9	20.3	20.5

Page Number : 9 of 21
Client : VW-VES(HK) LTD
Work Order : HK1517945



Sub-Matrix: SOLID			
Compound	Client sample ID		RESIDUE AE
	CAS Number:	Unit	28-MAY-2015 09:20
			HK1517945-031
EA/ED: Physical and Aggregate Properties			
EA002: pH Value	---	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	---	0.1	%
			25.7
			20.2
			10.7
			25.0
			20.7
			10.8
			22.0
			10.7
			27.0



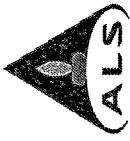
Page Number : 10 of 21
Client : VW-VES(HK) LTD
Work Order : HK1517945

Sub-Matrix: SOLID						
	Client sample ID	RESIDUE AE	RESIDUE AE	RESIDUE AE		
	Client sampling date / time	28-MAY-2015 08:30	28-MAY-2015 13:20	28-MAY-2015 09:00		
Compound	CAS Number:	HK1517945-036	HK1517945-037	HK1517945-038		
EA/ED: Physical and Aggregate Properties						
EA002: pH Value	----	0.1	pH Unit	10.7	10.9	10.7
EA055: Moisture Content (dried @ 103°C)	----	0.1	%	26.0	23.0	24.7



Page Number : 11 of 21
Client : VW-VES(HK) I
Work Order : HK1517945

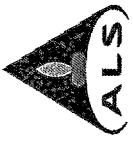
Sub-Matrix: TCLP LEACHATE



Sub-Matrix: TCIP LEACHATE

Compound	Client sample ID		ASH 中間灰		ASH 中間灰		RESIDUE AF		RESIDUE AF	
	CAS Number	LOR	Unit	Client sampling date / time	27-MAY-2015 12:00	27-MAY-2015 12:00	HK1517945-007	27-MAY-2015 12:00	HK1517945-008	27-MAY-2015 12:00
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1
EG020: Copper	7440-50-8	1	mg/kg	<1		1		<1		<1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1
EG020: Selenium	7783-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1		<1		<1		<1
EG020: Zinc	7440-66-6	1	mg/kg	2		2		<1		<1
Sample Preparation Method										
E-TCIP: Extraction Fluid Number	----	-	--	1		1		1		1

E-TCIP: Extraction Fluid
Number



Compound	Client sample ID		RESTDUE AF		RESTDUE AF		RESIDUE AF		RESIDUE AE	
	CAS Number	LOR	Unit	HK1517945-011	HK1517945-012	HK1517945-013	HK1517945-014	HK1517945-015	27-MAY-2015 12:00	27-MAY-2015 12:00
EG: Metals and Major Cations - Filtered										
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	2	<1	1	<1	<1	<1	2
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Vanadium	7440-63-2	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
EG020: Zinc	7440-96-6	1	mg/kg	2	2	2	2	2	2	2
Sample Preparation Method										
B-TCLP: Extraction Fluid Number	....	-	---	2	1	2	1	2	1	2



Page Number : 14 of 21
Client : VW-VES(HK)
Work Order : HK1517945

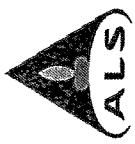
Client : VV-VES(HK) LTD

HK1517945

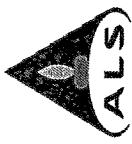
14 of 21

WW-VES(HK) LTD

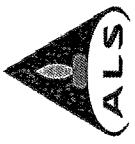
HK1517945



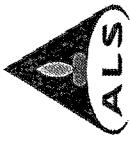
Compound	CAS Number	LOR	Client sample ID / time	RESIDUE AF		RESIDUE AF	RESIDUE AF
				Unit	28-MAY-2015 12:00	28-MAY-2015 12:00	28-MAY-2015 12:00
EG - Metals and Major Cations - Filtered							
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	2		2	2
EG020: Lead	7439-92-1	1	mg/kg	<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	<1
EG020: Selenium	7783-49-2	0.2	mg/kg	<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1	<1
EG020: Thallium	7440-38-0	1	mg/kg	<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1	<1
EG020: Vanadium	7440-52-2	1	mg/kg	<1		<1	<1
EG020: Zinc	7440-55-6	1	mg/kg	2		2	2
Sample Preparation Method		-----	-	2	2	2	2
E-TCLP: Extraction Fluid Number			--	2		2	2



Compound	Client sample ID		Client sampling date / time		RESIDUE AF		RESIDUE AF		RESIDUE AF	
	CAS Number	LOR	Unit	HK1517945-026	28-MAY-2015 12:00	HK1517945-027	28-MAY-2015 12:00	HK1517945-028	28-MAY-2015 12:00	HK1517945-029
BG: Metals and Major Cations - Filtered										
BG020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Copper	7440-50-8	1	mg/kg	2	2	2	2	2	2	2
BG020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BG020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BG020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Vanadium	7440-67-2	1	mg/kg	<1	<1	<1	<1	<1	<1	<1
BG020: Zinc	7440-66-6	1	mg/kg	2	4	2	2	2	2	2
Sample Preparation Method										
B-TCLP: Extraction Fluid Number	----	-	--	2	2	2	2	2	2	2



Compound	Client sample ID		Client sampling date / time		RESIDUE AE		RESIDUE AE		RESIDUE AE	
	CAS Number	Unit	LOR	28-MAY-2015 12:00	HK1517945-031	28-MAY-2015 12:00	HK1517945-032	28-MAY-2015 12:00	HK1517945-033	28-MAY-2015 12:00
EG: Metals and Major Cations - Filtered										
BG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1
BG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1
BG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1
BG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1
BG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1
BG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1
BG020: Copper	7440-50-8	1	mg/kg	2		2		2		1
BG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1
BG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
BG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1
BG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2
BG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1
BG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1
BG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1
BG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1
BG020: Zinc	7440-66-6	1	mg/kg	3		1		2		1
Sample Preparation Method										
E-TCLP: Extraction Fluid Number	.....	-	--	2		2		2		2



Sub-Matrix: TCEP IRACHATE				Client sample ID	RESIDUE AE	RESIDUE AE
Compound	CAS Number	Unit	Client sampling date / time	28-MAY-2015 12:00	28-MAY-2015 12:00	28-MAY-2015 12:00
				HK1517945-036	HK1517945-037	HK1517945-038
EG- Metals and Major Cations - Filtered						
EG020: Antimony	7440-36-0	1	ng/kg	<1	<1	<1
EG020: Arsenic	7440-38-2	1	ng/kg	<1	<1	<1
EG020: Barium	7440-39-3	1	ng/kg	<1	<1	<1
EG020: Beryllium	7440-41-7	1	ng/kg	<1	<1	<1
EG020: Cadmium	7440-43-9	1	ng/kg	<1	<1	<1
EG020: Chromium	7440-47-3	1	ng/kg	<1	<1	<1
EG020: Copper	7440-50-8	1	ng/kg	2	2	2
EG020: Lead	7439-92-1	1	ng/kg	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	ng/kg	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	ng/kg	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	ng/kg	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	ng/kg	<1	<1	<1
EG020: Thallium	7440-28-0	1	ng/kg	<1	<1	<1
EG020: Tin	7440-31-5	1	ng/kg	<1	<1	<1
EG020: Vanadium	7440-62-2	1	ng/kg	<1	<1	<1
EG020: Zinc	7440-96-6	1	ng/kg	2	2	2
Sample Preparation Method		----	--	2	2	2
E-TCLP: Extraction Fluid		Number				

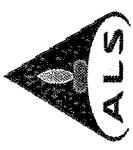
Laboratory Duplicate (DUP) Report

Matrix: SOIL

Laboratory sample ID	Client sample ID	Method: Compound	Laboratory Duplicate (DUP) Report					
			CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD(%)
EA/ED: Physical and Aggregate Properties (QC Lot: 3946667) HK1517945-001	ASH AF	EA055: Moisture Content (dried @ 103 C)	-----	0.1	%	11.7	11.8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 3946668) HK1517945-011	RESIDUE AF	EA055: Moisture Content (dried @ 103 C)	-----	0.1	%	23.6	23.0	2.4
EA/ED: Physical and Aggregate Properties (QC Lot: 3947537) HK1517945-021	RESIDUE AE	EA055: Moisture Content (dried @ 103 C)	-----	0.1	%	21.8	21.1	3.3
EA/ED: Physical and Aggregate Properties (QC Lot: 3947538) HK1517945-001	ASH AF	EA002: pH Value	-----	0.1	pH Unit	10.0	10.0	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 3947538) HK1517945-021	RESIDUE AF	EA002: pH Value	-----	0.1	pH Unit	10.9	10.9	0.0

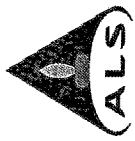
Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Method: Compound	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						Recovery Limits	RPD(%)
	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		
EG: Metals and Major Cations - Filtered (QC Lot: 3947739)	7440-36-0	1	mg/L	<1	1 mg/L	102	-----	76
EG020: Antimony	7440-38-2	1	mg/L	<1	1 mg/L	96.5	-----	72
EG020: Arsenic	7440-39-3	1	mg/L	<1	1 mg/L	98.3	-----	80
EG020: Barium	7440-41-7	1	mg/L	<1	1 mg/L	103	-----	74
EG020: Beryllium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	102	-----	79
EG020: Cadmium	7440-47-3	1	mg/L	<1	1 mg/L	92.7	-----	78
EG020: Chromium	7440-50-8	1	mg/L	<1	1 mg/L	89.6	-----	78
EG020: Copper	7439-92-1	1	mg/L	<1	1 mg/L	96.8	-----	79
EG020: Lead	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	112	-----	76
EG020: Mercury	7440-02-0	1	mg/L	<1	1 mg/L	89.5	-----	78
EG020: Nickel	7782-49-2	0.2	mg/L	<0.2	1 mg/L	112	-----	81
EG020: Selenium	7440-22-4	1	mg/L	<1	1 mg/L	99.5	-----	76
EG020: Silver	7440-28-0	1	mg/L	<1	1 mg/L	95.7	-----	81
EG020: Thallium	7440-31-5	1	mg/L	<1	1 mg/L	108	-----	79
EG020: Tin	7440-62-2	1	mg/L	<1	1 mg/L	94.6	-----	78
EG020: Vanadium	7440-66-6	1	mg/L	<1	1 mg/L	96.9	-----	70
EG020: Zinc	7440-36-0	1	mg/L	<1	1 mg/L	103	-----	76
EG: Metals and Major Cations - Filtered (QC Lot: 3947740)	7440-38-2	1	mg/L	<1	1 mg/L	91.7	-----	72
EG020: Antimony	7440-39-3	1	mg/L	<1	1 mg/L	98.5	-----	80
EG020: Arsenic	7440-41-7	1	mg/L	<1	1 mg/L	101	-----	74
EG020: Barium	7440-41-7	1	mg/L	<1	1 mg/L	122	-----	-----



Matrix: WATER

Method Command	CAS Number	LOR	Unit	Result	Concentrati on	Spike	Recovery (%)	Recovery Limits	RPD %	
						LCS	DGS	Low		
BG: Metals and Major Cations - Filtered (QC Lot: 3947740) - Continued										
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	100	---	79	117	---
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	92.5	---	78	120	---
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	90.3	---	78	118	---
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	95.0	---	79	115	---
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	111	---	76	120	---
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	87.7	---	78	120	---
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	107	---	81	119	---
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	102	---	76	114	---
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	96.7	---	81	113	---
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	102	---	79	119	---
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	89.9	---	78	124	---
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	96.0	---	70	130	---



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

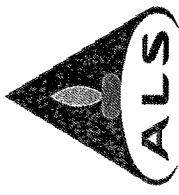
Laboratory sample ID	Client sample ID	Method: Command
RK1517945-001	ASH AF	<p>EG: Metals and Major Cations - Filtered (QC Lot: 3947739)</p> <p>EG020: Antimony</p> <p>EG020: Arsenic</p> <p>EG020: Barium</p> <p>EG020: Beryllium</p> <p>EG020: Cadmium</p> <p>EG020: Chromium</p> <p>EG020: Copper</p> <p>EG020: Lead</p> <p>EG020: Mercury</p> <p>EG020: Nickel</p> <p>EG020: Selenium</p> <p>EG020: Silver</p> <p>EG020: Thallium</p> <p>EG020: Tin</p> <p>EG020: Vanadium</p> <p>EG020: Zinc</p>
RK1517945-021	RESIDUE AF	<p>EG: Metals and Major Cations - Filtered (QC Lot: 3947740)</p> <p>EG020: Antimony</p> <p>EG020: Arsenic</p> <p>EG020: Barium</p> <p>EG020: Beryllium</p> <p>EG020: Cadmium</p> <p>EG020: Chromium</p> <p>EG020: Copper</p> <p>EG020: Lead</p> <p>EG020: Mercury</p> <p>EG020: Nickel</p> <p>EG020: Selenium</p> <p>EG020: Silver</p> <p>EG020: Thallium</p> <p>EG020: Tin</p> <p>EG020: Vanadium</p> <p>EG020: Zinc</p>

Matrix Snakes (MS) and Matrix Spike Duplicates (MSD) Percent

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Spike Concentration	Spike Recovery(%)		Recovery Limits		RPD(%)	Control Limit
	MS	MSD	Low (%)	High		
1 mg/L	111	---	75	125	---	---
1 mg/L	98.8	---	75	125	---	---
1 mg/L	98.6	---	75	125	---	---
1 mg/L	108	---	75	125	---	---
1 mg/L	100	---	75	125	---	---
1 mg/L	92.9	---	75	125	---	---
1 mg/L	84.6	---	75	125	---	---
1 mg/L	105	---	75	125	---	---
0.02 mg/L	124	---	75	125	---	---
1 mg/L	94.2	---	75	125	---	---
1 mg/L	120	---	75	125	---	---
1 mg/L	92.7	---	75	125	---	---
1 mg/L	99.6	---	75	125	---	---
1 mg/L	106	---	75	125	---	---
1 mg/L	92.6	---	75	125	---	---
1 mg/L	94.0	---	75	125	---	---
1 mg/L	112	---	75	125	---	---
1 mg/L	104	---	75	125	---	---
1 mg/L	105	---	75	125	---	---
1 mg/L	122	---	75	125	---	---
1 mg/L	107	---	75	125	---	---
1 mg/L	104	---	75	125	---	---
1 mg/L	86.6	---	75	125	---	---
1 mg/L	95.9	---	75	125	---	---
0.02 mg/L	110	---	75	125	---	---
1 mg/L	101	---	75	125	---	---
1 mg/L	122	---	75	125	---	---
1 mg/L	80.5	---	75	125	---	---
1 mg/L	93.5	---	75	125	---	---
1 mg/L	113	---	75	125	---	---
1 mg/L	112	---	75	125	---	---
1 mg/L	86.0	---	75	125	---	---

ALS Technichem (HK) Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

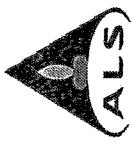
Client	: VW-VES(HK) LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 24
Contact	: MS JENNIFER CHAN	Contact	: Fung Lin Chee, Richard	Work Order	: HK1518208
Address	: UNIT 7601, THE CENTER, 99 QUEEN'S ROAD CENTRAL HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
			1		
E-mail	: jennifer.chan@veolia.com	E-mail	: Richard.Fung@alsglobal.com	Date Samples Received	
Telephone	: +852 2910 9709	Telephone	: +852 2610 1044	Issue Date	: 01-JUN-2015
Faximile	: +852 2430 8011	Faximile	: +852 2610 2021	No. of samples received	: 03-JUN-2015
Project	: -----	Quote number	: -----	No. of samples analysed	: 42
Order number	: -----				
C-O-C number	: -----				
Site	: -----				

This report may not be reproduced except with prior
written approval from the testing laboratory.

Signatories

Fung Lin Chee, Richard General Manager
Authorised results for
Inorganics

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic
signing has been carried out in compliance with procedures specified in the Electronic Transactions Ordinance of Hong Kong, Chapter
555, Section 6.



Page Number : 2 of 24
Client : W-VES(HK) LTD
Work Order : HK1518208

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 02-JUN-2015
Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: HK1518208

Sample(s) were picked up from client by ALS Technician (HK) staff in an ambient condition.

Sample(s) analysed and reported on an as received basis.

pH determined and reported on a 1:5 soil / water extract.

TCLP leachate sample(s) were filtered prior to dissolved metal analysis.

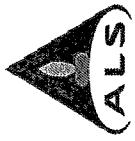
The metal concentrations reported are those determined on the TCLP leachate. Extraction Fluid #1 pH 4.88 - 4.98. Extraction Fluid #2 pH 2.83 - 2.93.



Analytical Results

Sub-Matrix: SOLID

Compound	CAS Number	LOR	Unit	Client sample ID	ASH A 中灰	ASH A 中灰	ASH A 中灰	RESIDUE AE	RESIDUE AE
				Client sampling date / time	30-MAY-2015 13:00	30-MAY-2015 14:00	30-MAY-2015 14:50	30-MAY-2015 09:30	30-MAY-2015 11:00
EA002: Physical and Aggregate Properties									
EA002: pH Value	----	0.1	pH Unit	10.0	10.0	10.1	10.5	10.6	
EA055: Moisture Content (dried @ 103 °C)	----	0.1	%	19.0	17.2	18.3	23.8	24.8	



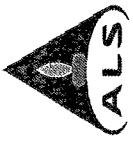
Page Number : 4 of 24
Client : VW-VES(HK) LTD
Work Order : HK1518208

Sub-Matrix: SOLID					
Compound	Client sample ID		Residue AE		Residue AE
	Client Sampling date / time	30-MAY-2015 08:50	30-MAY-2015 08:00	31-MAY-2015 16:10	31-MAY-2015 10:00
CAS Number	LOR	Unit	HK1518208-006	HK1518208-007	HK1518208-008
BA/FED: Physical and Aggregate Properties					
BA002: pH Value	---	0.1	pH Unit	10.5	10.7
BA055: Moisture Content (dried @ 103 °C)	---	0.1	%	24.5	22.8
				19.3	26.1
					10.7
					20.6
					21.4

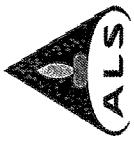
Page Number : 5 of 24
Client : VW-VES(HK) LTD
Work Order : HK1518208

Sub-Matrix: SOLID

Compound	CAS Number	LOR	Client sample ID	Client sampling date / time	RESIDUE AE	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF	RESIDUE AF
			HK1518208-011	31-MAY-2015 10:30	31-MAY-2015 11:00	31-MAY-2015 08:45	31-MAY-2015 08:15	31-MAY-2015 09:00	31-MAY-2015 09:00	31-MAY-2015 09:00
BA/BD: Physical and Aggregate Properties										
EA002: pH Value	---	0.1	pH Unit	10.7	10.6	10.5	10.6	10.6	10.6	10.6
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	22.5	20.5	23.6	20.5	24.0	24.0	24.0



Page Number : 6 of 24
Client : W-VES(HK) LTD
Work Order : HK1518208



Sub-Matrix: SOLID			
Compound	Client sample ID	RESIDUE AF	ASH AF
	CAS Number	Client sampling date / time	31-MAY-2015 07:45
EA102: Physical and Aggregate Properties			
EA002: pH Value	0.1	pH Unit
EA05: Moisture Content (dried @ 103°C)	0.1	%
		10.6	10.6
		21.3	19.6
			15.8
			19.2
			17.7
			10.2
			10.0
			10.2

EA102: Physical and Aggregate Properties			
EA002: pH Value	....	0.1	pH Unit
EA05: Moisture Content (dried @ 103°C)	....	0.1	%
		10.6	10.6
		21.3	19.6
			15.8
			19.2
			17.7
			10.2
			10.0
			10.2



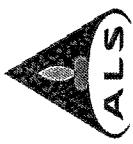
Page Number : 7 of 24
Client : VW-VES(HK) LTD
Work Order : HK1518208

Sub-Matrix: SOLID		Client sample ID		Residue BF		Residue BF		ASH B 中灰		ASH AF	
		Client sampling date / time		31-MAY-2015 13:15		31-MAY-2015 15:30		31-MAY-2015 12:20		29-MAY-2015 14:36	
Compound	CAS Number	LOR	Unit	HK1518208-021		HK1518208-022		HK1518208-023		HK1518208-024	
EA(FD): Physical and Aggregate Properties											
BA002: pH Value	---	0.1	pH Unit	10.6	%	10.6		10.3		10.0	10.1
BA055: Moisture Content (dried @ 103°C)	---	0.1		17.3		26.5		17.6		13.7	10.8

Page Number : 8 of 24
Client : VW-VES(HK) LTD
Work Order : HK1518208



Sub-Matrix: SOLID				Client sample ID	ASH AF	ASH A 中間灰	ASH A 中灰	ASH A 中灰	ASH A 中灰
Compound	CAS Number	LOR	Unit	Client sampling date / time	29-MAY-2015 15:25	29-MAY-2015 12:25	29-MAY-2015 16:20	29-MAY-2015 13:20	29-MAY-2015 11:00
				HK1518208-026	HK1518208-027	HK1518208-028	HK1518208-028	HK1518208-029	HK1518208-030
EA/EID: Physical and Aggregate Properties									
EA002: pH Value	---	0.1	pH Unit	10.2	10.1	10.1	10.0	10.0	9.9
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	13.6	14.5	11.0	15.1	17.2	



Sub-Matrix: SOLID			
Compound	CAS Number	Client sample ID	ASH A 中間灰
		Client sampling date / time	RESIDUE AE
		29-MAY-2015 12:00	29-MAY-2015 09:30
		HK1518208-031	HK1518208-032
EA/ED: Physical and Aggregate Properties			
EA002: pH Value	---	0.1	pH Unit
EA055: Moisture Content (dried @ 103°C)	---	0.1	%
		16.1	10.1
		23.6	10.7
			20.9
			10.6
			24.1
			10.7
			25.6

Page Number : 10 of 24
Client : W-VES(HK) LTD
Work Order : HK1518208



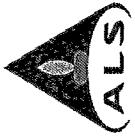
Sub-Matrix: SOLID		Client sample ID		RESIDUE AE		RESIDUE AF		RESIDUE AF		RESIDUE AF	
		Client sampling date / time		29-MAY-2015 10:40		29-MAY-2015 11:30		29-MAY-2015 13:00		29-MAY-2015 14:00	
Compound	CAS Number	LOR	Unit	HK1518208-036	HK1518208-037	HK1518208-038	HK1518208-039	HK1518208-039	HK1518208-040	HK1518208-040	HK1518208-040
EA/ED: Physical and Aggregate Properties											
BA002: pH Value	---	0.1	pH Unit	10.7	10.7	10.7	10.7	10.8	10.8	10.6	10.6
BA055: Moisture Content (dried @ 103°C)	---	0.1	%	23.7	24.8	22.4	22.4	20.0	20.0	24.0	24.0

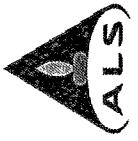
Page Number : 11 of 24
Client : VW-VES(HK) LTD
Work Order : HK1518208

Sub-Matrix: SOLID

Compound	Client sample ID		RESIDUE AF	
	CAS Number	LOR	Unit	Unit
EA/ED: Physical and Aggregate Properties				
EA002: pH Value	---	0.1	pf Unit	10.8
EA055: Moisture Content (dried @ 103°C)	---	0.1	%	21.9
				21.4







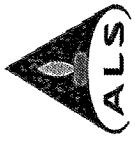
Page Number : 14 of 24
Client : VW-VESCH
Work Order : HK151820

W-VE3(LK) LTD
HK1518208



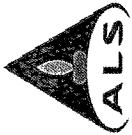
Page Number : 15 of 24
Client : VW-VES(HK)
Work Order : HK1518208

Page Number : 15 of 24
Client : VW-VES(HK) LTD
Work Order : HK1518208

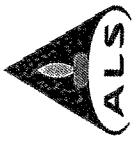


Page Number : 16 of 24
Client : VW-VES(HK)
Work Order : HK1518208

VW-VES(HK) LTD
HK1518208



Compound	CAS Number	LOR	Unit	Client sample ID		ASH AF	ASH A 中間灰	ASH A 中灰	ASH A 中灰
				Client sampling date / time	29-MAY-2015 12:00				
EG: Metals and Major Cations - Filtered									
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1	<1	<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1	<1	<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1	<1	<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1	<1	<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1	<1	<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1	<1	<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1		1	1	2	1
EG020: Lead	7439-92-1	1	mg/kg	<1		<1	<1	<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2	<0.2	<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1	<1	<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2	<0.2	<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1	<1	<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1	<1	<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1	<1	<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1	<1	<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	2		2	2	2	1
Sample Preparation Method						1	1	1	1
B-TCLP: Extraction Fluid Number	----	-	--						



Page Number : 18 of 24
Client : VW-VES(HK)
Work Order : HK1518208

Page Number : 18 of 24
Client : VW-VE(S)K LTD
Work Order : HK1518208

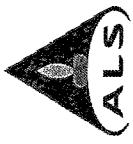
Sub-Matrix: TCLP LEACHATE		Client sample ID		ASH A 中間灰		RESIDUE AE		RESIDUE AE		RESIDUE AE	
		Client sampling date / time		29-MAY-2015 12:00		29-MAY-2015 12:00		29-MAY-2015 12:00		29-MAY-2015 12:00	
Compound	CAS Number	LOR	Unit	HK1518208-031		HK1518208-032		HK1518208-033		HK1518208-034	
EQ: Metals and Major Cations - Filtered											
EG020: Antimony	7440-36-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Arsenic	7440-38-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Barium	7440-39-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Beryllium	7440-41-7	1	mg/kg	<1		<1		<1		<1	<1
EG020: Cadmium	7440-43-9	1	mg/kg	<1		<1		<1		<1	<1
EG020: Chromium	7440-47-3	1	mg/kg	<1		<1		<1		<1	<1
EG020: Copper	7440-50-8	1	mg/kg	1		2		2		2	2
EG020: Lead	7439-92-1	1	mg/kg	<1		<1		<1		<1	<1
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Nickel	7440-02-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2		<0.2		<0.2		<0.2	<0.2
EG020: Silver	7440-22-4	1	mg/kg	<1		<1		<1		<1	<1
EG020: Thallium	7440-28-0	1	mg/kg	<1		<1		<1		<1	<1
EG020: Tin	7440-31-5	1	mg/kg	<1		<1		<1		<1	<1
EG020: Vanadium	7440-62-2	1	mg/kg	<1		<1		<1		<1	<1
EG020: Zinc	7440-66-6	1	mg/kg	2		1		2		1	1
Sample Preparation Method											
E-TCLP: Extraction Fluid		----		---		1		2		2	
Number										2	



Page Number : 19 of 24
Client : VW-VES(HK)
Work Order : HK1518208

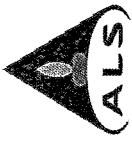
卷之三

Sub-Matrix: TCLP LEACHATE		Client sample ID		RESIDUE AE		RESIDUE AF		RESIDUE AF	
		Client sampling date / time		29-MAY-2015 12:00		29-MAY-2015 12:00		29-MAY-2015 12:00	
Compound	CAS Number	LOR	Unit	HK1518208-036	HK1518208-037	HK1518208-038	HK1518208-039	HK1518208-040	
EGL: Metals and Major Cations - Filtered									
EGL020: Antimony	7440-36-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Arsenic	7440-38-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Barium	7440-39-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Beryllium	7440-41-7	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Chromium	7440-47-3	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Copper	7440-50-8	1	mg/kg	2	2	<1	2	2	2
EGL020: Lead	7439-92-1	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EGL020: Nickel	7440-02-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
EGL020: Silver	7440-22-4	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Thallium	7440-28-0	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Tin	7440-31-5	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Vanadium	7440-62-2	1	mg/kg	<1	<1	<1	<1	<1	<1
EGL020: Zinc	7440-66-6	1	mg/kg	1	1	<1	2	2	1
Sample Preparation Method		---	---	2	2	1	2	2	2
E-TCLP: Extraction Fluid Number	---	-	---	2	2	1	2	2	2



Sub-Matrix: TCLP LEACHATE

Compound	CAS Number	LOR	Client sample ID Batch	Client sampling date / time	RESIDUE AF	RESIDUE AF
				29-MAY-2015 12:00	29-MAY-2015 12:00	HK1518208-042
EG: Metals and Major Cations - Filtered						
EG020: Antimony	7440-36-0	1	mg/kg	<1	<1	
EG020: Arsenic	7440-38-2	1	mg/kg	<1	<1	
EG020: Barium	7440-39-3	1	mg/kg	<1	<1	
EG020: Beryllium	7440-41-7	1	mg/kg	<1	<1	
EG020: Cadmium	7440-43-9	1	mg/kg	<1	<1	
EG020: Chromium	7440-47-3	1	mg/kg	<1	<1	
EG020: Copper	7440-50-8	1	mg/kg	2	<1	
EG020: Lead	7439-92-1	1	mg/kg	<1	<1	
EG020: Mercury	7439-97-6	0.2	mg/kg	<0.2	<0.2	
EG020: Nickel	7440-03-0	1	mg/kg	<1	<1	
EG020: Selenium	7782-49-2	0.2	mg/kg	<0.2	<0.2	
EG020: Silver	7440-22-4	1	mg/kg	<1	<1	
EG020: Thallium	7440-28-0	1	mg/kg	<1	<1	
EG020: Tin	7440-31-5	1	mg/kg	<1	<1	
EG020: Vanadium	7440-63-2	1	mg/kg	<1	<1	
EG020: Zinc	7440-66-6	1	mg/kg	1	<1	
Sample Preparation Method						
B-TCLP: Extraction Fluid	....	-	--	2	1	
Number						



Laboratory Duplicate (DUP) Report

Matrix: SOIL

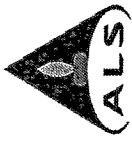
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD(%)
HK1518208-001	ASH A 中灰	EA055: Moisture Content (dried @ 103 °C)		---	0.1	%	19.0	19.2
HK1518208-011	RESIDUE AE	EA055: Moisture Content (dried @ 103 °C)		---	0.1	%	22.5	23.5
EA/ED: Physical and Aggregate Properties	(QC Lot: 3948082)	EA055: Moisture Content (dried @ 103 °C)		---	0.1	%	17.3	16.7
HK1518208-021	RESIDUE BF	EA055: Moisture Content (dried @ 103 °C)		---	0.1	%	16.1	16.6
HK1518208-031	ASH A 中間灰	EA055: Moisture Content (dried @ 103 °C)		---	0.1	%	21.9	21.5
EA/ED: Physical and Aggregate Properties	(QC Lot: 3948083)	EA055: Moisture Content (dried @ 103 °C)		---	0.1	%	21.9	21.5
HK1518208-041	RESIDUE AF	EA002: pH Value		---	pH Unit		10.0	10.0
EA/ED: Physical and Aggregate Properties	(QC Lot: 3948064)	EA002: pH Value		---	0.1	pH Unit	10.6	10.6
HK1518208-021	RESIDUE BF	EA002: pH Value		---	0.1	pH Unit	10.6	10.6
EA/ED: Physical and Aggregate Properties	(QC Lot: 3948065)	EA002: pH Value		---	0.1	pH Unit	10.8	10.9
HK1518208-041	RESIDUE AF	EA002: pH Value		---	0.1	pH Unit	10.8	10.9

Laboratory Duplicate (DUP) Report								
Laboratory Control Spike (LCS) and Laboratory Duplicate (DCS) Report								
Method: Blank (MB) Report	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Recovery Limits
Method: WATER								
EG: Metals and Major Cations - Filtered (QC Lot: 3949053)								
EG020: Arsenic	7440-36-0	1	mg/L	<1	1 mg/L	98.1	-----	76
EG020: Barium	7440-38-2	1	mg/L	<1	1 mg/L	93.2	-----	72
EG020: Beryllium	7440-39-3	1	mg/L	<1	1 mg/L	95.5	-----	80
EG020: Cadmium	7440-41-7	1	mg/L	<1	1 mg/L	99.9	-----	74
EG020: Chromium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	94.1	-----	79
EG020: Copper	7440-47-3	1	mg/L	<1	1 mg/L	105	-----	78
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	95.5	-----	78
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	115	-----	79
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	93.1	-----	76
EG020: Selenium	7783-49-2	0.2	ng/L	<0.2	1 mg/L	97.7	-----	81
EG020: Silver	7440-22-4	1	ng/L	<1	1 mg/L	96.6	-----	76
EG020: Thallium	7440-28-0	1	ng/L	<1	1 mg/L	92.4	-----	81
EG020: Tin	7440-31-5	1	ng/L	<1	1 mg/L	100	-----	79
EG020: Vanadium	7440-62-2	1	ng/L	<1	1 mg/L	96.9	-----	78
EG020: Zinc	7440-66-6	1	ng/L	<1	1 mg/L	83.6	-----	70



Matrix: WATER

Method Command	CAS Number	LOR	Unit	Result	Spike Concentration		Recovery %		Recovery Limits		Value	Control Limit
					LCS	DGS	Low	High	RPD (%)			
EG: Metals and Major Cations - Filtered (QC Lot: 3949054)												
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	96.3	---	76	118	---		
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	88.9	---	72	124	---		
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	94.8	---	80	120	---		
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	93.4	---	74	122	---		
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	92.0	---	79	117	---		
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	100	---	78	120	---		
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	89.6	---	78	118	---		
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	96.0	---	79	115	---		
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	111	---	76	120	---		
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	88.1	---	78	120	---		
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	93.8	---	81	119	---		
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	95.6	---	76	114	---		
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	95.2	---	81	113	---		
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	97.6	---	79	119	---		
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	90.8	---	78	124	---		
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	102	---	70	130	---		
EG: Metals and Major Cations - Filtered (QC Lot: 3949055)												
EG020: Antimony	7440-36-0	1	mg/L	<1	1 mg/L	101	---	76	118	---		
EG020: Arsenic	7440-38-2	1	mg/L	<1	1 mg/L	92.0	---	72	124	---		
EG020: Barium	7440-39-3	1	mg/L	<1	1 mg/L	98.4	---	80	120	---		
EG020: Beryllium	7440-41-7	1	mg/L	<1	1 mg/L	91.9	---	74	122	---		
EG020: Cadmium	7440-43-9	0.1	mg/L	<0.1	1 mg/L	93.9	---	79	117	---		
EG020: Chromium	7440-47-3	1	mg/L	<1	1 mg/L	103	---	78	120	---		
EG020: Copper	7440-50-8	1	mg/L	<1	1 mg/L	93.1	---	78	118	---		
EG020: Lead	7439-92-1	1	mg/L	<1	1 mg/L	101	---	79	115	---		
EG020: Mercury	7439-97-6	0.1	mg/L	<0.1	0.02 mg/L	113	---	76	120	---		
EG020: Nickel	7440-02-0	1	mg/L	<1	1 mg/L	93.4	---	78	120	---		
EG020: Selenium	7782-49-2	0.2	mg/L	<0.2	1 mg/L	99.0	---	81	119	---		
EG020: Silver	7440-22-4	1	mg/L	<1	1 mg/L	103	---	76	114	---		
EG020: Thallium	7440-28-0	1	mg/L	<1	1 mg/L	100	---	81	113	---		
EG020: Tin	7440-31-5	1	mg/L	<1	1 mg/L	97.3	---	79	119	---		
EG020: Vanadium	7440-62-2	1	mg/L	<1	1 mg/L	91.2	---	78	124	---		
EG020: Zinc	7440-66-6	1	mg/L	<1	1 mg/L	84.8	---	70	130	---		



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report									
Laboratory sample ID	Client sample ID	Method Command	CAS Number	Spike Concentration	Spike Recovery%	Recovery Limits	Value	Control Limit	RPD(%)
				MS	MSD	Low (%)			
EG: Metals and Major Cations - Filtered (QC Lot: 3949053)									
HK1518208-001	ASH A 广灰			7440-36-0	1 mg/L	104	-----	75	125
		EG020: Antimony		7440-38-2	1 mg/L	95.4	-----	75	125
		EG020: Arsenic		7440-39-3	1 mg/L	97.7	-----	75	125
		EG020: Barium		7440-41-7	1 mg/L	102	-----	75	125
		EG020: Beryllium		7440-43-9	1 mg/L	98.2	-----	75	125
		EG020: Cadmium		7440-47-3	1 mg/L	108	-----	75	125
		EG020: Chromium		7440-50-8	1 mg/L	86.1	-----	75	125
		EG020: Copper		7439-92-1	1 mg/L	97.0	-----	75	125
		EG020: Lead		7439-97-6	0.02 mg/L	115	-----	75	125
		EG020: Mercury		7440-02-0	1 mg/L	100	-----	75	125
		EG020: Nickel		7782-49-2	1 mg/L	112	-----	75	125
		EG020: Selenium		7440-22-4	1 mg/L	95.5	-----	75	125
		EG020: Silver		7440-28-0	1 mg/L	95.3	-----	75	125
		EG020: Thallium		7440-31-5	1 mg/L	104	-----	75	125
		EG020: Tin		7440-62-2	1 mg/L	104	-----	75	125
		EG020: Vanadium		7440-66-6	1 mg/L	100	-----	75	125
		EG020: Zinc					-----	75	125
EG: Metals and Major Cations - Filtered (QC Lot: 3949054)									
HK1518208-001	RESIDUE BP			7440-36-0	1 mg/L	101	-----	75	125
		EG020: Antimony		7440-38-2	1 mg/L	93.8	-----	75	125
		EG020: Arsenic		7440-39-3	1 mg/L	97.4	-----	75	125
		EG020: Barium		7440-41-7	1 mg/L	86.0	-----	75	125
		EG020: Beryllium		7440-43-9	1 mg/L	94.6	-----	75	125
		EG020: Cadmium		7440-47-3	1 mg/L	97.1	-----	75	125
		EG020: Chromium		7440-50-8	1 mg/L	77.1	-----	75	125
		EG020: Copper		7439-92-1	1 mg/L	93.3	-----	75	125
		EG020: Lead		7439-97-6	0.02 mg/L	109	-----	75	125
		EG020: Mercury		7440-02-0	1 mg/L	86.5	-----	75	125
		EG020: Nickel		7782-49-2	1 mg/L	96.7	-----	75	125
		EG020: Selenium		7440-22-4	1 mg/L	83.9	-----	75	125
		EG020: Silver		7440-28-0	1 mg/L	90.3	-----	75	125
		EG020: Thallium		7440-31-5	1 mg/L	101	-----	75	125
		EG020: Tin		7440-62-2	1 mg/L	95.0	-----	75	125
		EG020: Vanadium		7440-66-6	1 mg/L	97.0	-----	75	125
		EG020: Zinc					-----	75	125
EG: Metals and Major Cations - Filtered (QC Lot: 3949055)									
HK1518208-001	RESIDUE AF			7440-36-0	1 mg/L	107	-----	75	125
		EG020: Antimony		7440-38-2	1 mg/L	101	-----	75	125
		EG020: Arsenic		7440-39-3	1 mg/L	103	-----	75	125
		EG020: Barium		7440-41-7	1 mg/L	87.7	-----	75	125
		EG020: Beryllium		7440-43-9	1 mg/L	99.9	-----	75	125
		EG020: Cadmium					-----	75	125

Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report							
Spike Concentration	CAS Number	Spike Recovery%	MS	MSD	Recovery Limits	Low (%)	High (%)	Value	RPD(%)	
		MS	MSD	Recovery (%)	Low (%)	High (%)	Value	RPD(%)	Control Limit	
BG: Metals and Major Cations - Filtered (QC Lot: 3949055) - Continued										
HK1518208-041	RESIDUE AF	EG020: Chromium	7440-47-3	1 mg/L	101	---	75	125	---	---
		EG020: Copper	7440-50-8	1 mg/L	85.9	---	75	125	---	---
		EG020: Lead	7439-92-1	1 mg/L	97.4	---	75	125	---	---
		EG020: Mercury	7439-97-6	0.02 mg/L	107	---	75	125	---	---
		EG020: Nickel	7440-02-0	1 mg/L	91.6	---	75	125	---	---
		EG020: Selenium	7782-49-2	1 mg/L	111	---	75	125	---	---
		EG020: Silver	7440-22-4	1 mg/L	83.5	---	75	125	---	---
		EG020: Thallium	7440-28-0	1 mg/L	95.0	---	75	125	---	---
		EG020: Tin	7440-31-5	1 mg/L	107	---	75	125	---	---
		EG020: Vanadium	7440-62-2	1 mg/L	99.2	---	75	125	---	---
		EG020: Zinc	7440-66-6	1 mg/L	76.7	---	75	125	---	---

