

Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/01
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH1 0m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	77.97	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	26.17	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	1130.27	ug/Kg	
Arsenic (Leachate)	128	ICPMS	37.06	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	3741.7	ug/Kg	
Barium (Leachate)	128	ICPMS	119.8	ug/Kg	
Barium Solid (OES)	224	ICP-OES	49203.6	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	0.915	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	324.66	ug/Kg	
Chloride (Leachate WAC)	190	IC	20.82	mg/Kg	
Chloride (Solid)	100	Colorimetry	11.79	mg/Kg	
Chromium (Leachate)	128	ICPMS	19.72	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	8752.76	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Results contained in this report relate only to the samples tested

(P) : Presumptive Results

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/01
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH1 0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	365.2	ug/Kg	
Copper Solid (OES)	224	ICP-OES	17421.1	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	767.7	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	4.16	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.10	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	<0.38	ug/Kg	
Lead Solid (OES)	224	ICP-OES	14090.4	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	1.273	ug/Kg	
Mercury (Solid)	178	ICPMS	81.59	ug/Kg	
Mineral Oil (soil)	327	GC-FID	<2.5	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	15.67	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	982.517	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	78.34	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	17372.5	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

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PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH1 0m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.19	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	71.97	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	2054.42	ug/Kg	
Sulphate (Leachate WAC)	190	IC	82.48	mg/Kg	
Sulphate (Solid)	119	Colorimetry	<1.39	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	2.62	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	2970	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	40.3	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	42300.3	ug/Kg	

Signed : 
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	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	14/04/2014
Customer Ref	BH3 (GW)	Sample Type	Groundwater
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Alkalinity (Ground Water)	102	Colorimetry	211	mg/L CaCO3	UKAS
Ammonia (Ground Water)	114	Colorimetry	<0.01	mg/L as N	UKAS
Arsenic (Ground Water)	177	ICPMS	1.434	ug/L	UKAS
Barium (Ground Water)	177	ICPMS	61.62	ug/L	UKAS
Boron (Ground Water)	177	ICPMS	173.6	ug/L	UKAS
Cadmium (Ground Water)	177	ICPMS	0.141	ug/L	UKAS
Calcium (Ground Water)	184	ICPMS	131.30	mg/L	UKAS
Chloride (Ground Water)	100	Colorimetry	24.81	mg/L	UKAS
Chromium (Ground Water)	177	ICPMS	5.377	ug/L	UKAS
Coliforms (Faecal)	140	Filtration/ Incubation 44C/ 24H	0	cfu/ 100ml	
Coliforms (Total)	140	Filtration/ Incubation 37C/ 24H	17	cfu/ 100ml	
Conductivity (Ground Water at 20C)	112	Electrometry	690	uscm -1@20C	UKAS
Copper (Ground Water)	177	ICPMS	12.58	ug/L	UKAS
Cyanide	138	Colorimetry	<5	ug/L	
Dissolved Oxygen (mg/l)	715	DO Meter	9.2	mg/L	
Fluoride (Ground Water)	115	Colorimetry	0.29	mg/L	UKAS
Iron (Ground Water)	177	ICPMS	765.1	ug/L	UKAS
Lead (Ground Water)	177	ICPMS	1.479	ug/L	UKAS
Magnesium (Ground Water)	184	ICPMS	10.01	mg/L	UKAS
Manganese (Ground Water)	177	ICPMS	60.1	ug/L	UKAS
Mercury (Ground water)	178	ICPMS	0.045	ug/L	UKAS
Nickel (Ground Water)	177	ICPMS	3.26	ug/L	UKAS
Nitrate (Ground Water)	103	Colorimetry	2.940	mg/L as N	UKAS
Nitrate as NO3	103	Calculation	13.02	mg/L as NO3	UKAS

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Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH3 (GW)	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	14/04/2014
		Sample Type	Groundwater

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
**Nitrite (Ground Water)	118	Colorimetry	<0.002	mg/L as N	
Nitrite as NO2	118	Calculation	<0.050	mg/L as NO2	UKAS
Nitrogen (Total Oxidised) (Ground W	151	Colorimetry	2.94	mg/L as N	UKAS
pH (Ground Water)	110	Electrometry	7.8	pH Units	UKAS
Phenols (Total)	223	GCMS	<0.10	ug/L	
Phosphate (Total as PO4)	166	Calculation	0.067	mg/L as PO4	UKAS
Phosphate (Total) Ground Water	166	Colorimetry	<0.024	mg/L as P	UKAS
Potassium (Ground Water)	184	ICPMS	10.54	mg/L	UKAS
Selenium (Ground Water)	177	ICPMS	1.792	ug/L	UKAS
Silver	177	ICPMS	<0.33	ug/L	
Sodium (Ground water)	184	ICPMS	19.47	mg/L	UKAS
Sulphate (Ground Water)	119	Colorimetry	200.63	mg/L	UKAS
Total Organic Carbon	316	TOC analyser (NPOC)	7.04	mg/L	
Zinc (Ground Water)	177	ICPMS	11.29	ug/L	UKAS

Signed : 
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Date : 14/04/2014

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Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH3 5m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	83.59	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	15.19	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	412.68	ug/Kg	
Arsenic (Leachate)	128	ICPMS	47.13	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	6594.04	ug/Kg	
Barium (Leachate)	128	ICPMS	883.7	ug/Kg	
Barium Solid (OES)	224	ICP-OES	9635.96	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	<0.09	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	<10.00	ug/Kg	
Chloride (Leachate WAC)	190	IC	9.32	mg/Kg	
Chloride (Solid)	100	Colorimetry	8.69	mg/Kg	
Chromium (Leachate)	128	ICPMS	234.8	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	1792.88	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

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	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH3 5m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	105.5	ug/Kg	
Copper Solid (OES)	224	ICP-OES	19757.4	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	139.6	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	2.40	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.02	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	22.42	ug/Kg	
Lead Solid (OES)	224	ICP-OES	13362.1	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	<0.2	ug/Kg	
Mercury (Solid)	178	ICPMS	47.47	ug/Kg	
Mineral Oil (soil)	327	GC-FID	5.55	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	10.66	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	345.197	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	94.1	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	32632.9	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/09
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH3 5m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.02	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	72.44	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	1323.5	ug/Kg	
Sulphate (Leachate WAC)	190	IC	21.94	mg/Kg	
Sulphate (Solid)	119	Colorimetry	10.89	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	<1.0	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	1610	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	167.6	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	32025.6	ug/Kg	

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/08
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH3 2.5m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	79.88	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	25.97	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	354.06	ug/Kg	
Arsenic (Leachate)	128	ICPMS	135.7	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	4464.46	ug/Kg	
Barium (Leachate)	128	ICPMS	1326	ug/Kg	
Barium Solid (OES)	224	ICP-OES	51053.7	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	9.344	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	345.309	ug/Kg	
Chloride (Leachate WAC)	190	IC	9.50	mg/Kg	
Chloride (Solid)	100	Colorimetry	8.85	mg/Kg	
Chromium (Leachate)	128	ICPMS	705.3	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	11570.7	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/08
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH3 2.5m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	348.4	ug/Kg	
Copper Solid (OES)	224	ICP-OES	23632.2	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	162.2	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	2.68	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.13	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	72.7	ug/Kg	
Lead Solid (OES)	224	ICP-OES	12445.6	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	2.9	ug/Kg	
Mercury (Solid)	178	ICPMS	77.09	ug/Kg	
Mineral Oil (soil)	327	GC-FID	6.46	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	10.78	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	481.31	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	499.6	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	29380.9	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested

(P) : Presumptive Results

**The analytical result for this parameter may not be reflective of the concentration present at the time of sampling. The maximum recommended preservation time for this parameter has been exceeded.

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/08
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH3 2.5m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.04	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	21.67	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	3153.62	ug/Kg	
Sulphate (Leachate WAC)	190	IC	16.96	mg/Kg	
Sulphate (Solid)	119	Colorimetry	<1.39	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	<1.0	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	1950	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	851.7	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	48259.6	ug/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/07
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH3 0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	80.72	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	36.02	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	498.208	ug/Kg	
Arsenic (Leachate)	128	ICPMS	76.61	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	6738.73	ug/Kg	
Barium (Leachate)	128	ICPMS	998.6	ug/Kg	
Barium Solid (OES)	224	ICP-OES	48674.9	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	4.448	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	471.803	ug/Kg	
Chloride (Leachate WAC)	190	IC	15.82	mg/Kg	
Chloride (Solid)	100	Colorimetry	7.64	mg/Kg	
Chromium (Leachate)	128	ICPMS	413.4	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	13175.2	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/07
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH3 0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	284.7	ug/Kg	
Copper Solid (OES)	224	ICP-OES	22633.8	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	176.3	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	6.60	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.51	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	62.48	ug/Kg	
Lead Solid (OES)	224	ICP-OES	10316.9	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	0.539	ug/Kg	
Mercury (Solid)	178	ICPMS	49.1	ug/Kg	
Mineral Oil (soil)	327	GC-FID	<2.5	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	9.957	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	730.77	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	288.2	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	24590.9	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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(P) : Presumptive Results

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/07
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH3 0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.02	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	61.07	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	3217.35	ug/Kg	
Sulphate (Leachate WAC)	190	IC	117.26	mg/Kg	
Sulphate (Solid)	119	Colorimetry	62.16	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	<1.0	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	2910	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	485.2	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	38621.4	ug/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Results contained in this report relate only to the samples tested

(P) : Presumptive Results

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/10
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	07/04/2014
Customer Ref	BH2 (GW)	Sample Type	Groundwater
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Alkalinity (Ground Water)	102	Colorimetry	30	mg/L CaCO3	UKAS
Ammonia (Ground Water)	114	Colorimetry	0.42	mg/L as N	UKAS
Arsenic (Ground Water)	177	ICPMS	1.455	ug/L	UKAS
Barium (Ground Water)	177	ICPMS	68.97	ug/L	UKAS
Boron (Ground Water)	177	ICPMS	134.2	ug/L	UKAS
Cadmium (Ground Water)	177	ICPMS	0.18	ug/L	UKAS
Calcium (Ground Water)	184	ICPMS	63.97	mg/L	UKAS
Chloride (Ground Water)	100	Colorimetry	73.59	mg/L	UKAS
Chromium (Ground Water)	177	ICPMS	5.803	ug/L	UKAS
Coliforms (Faecal)	140	Filtration/ Incubation 44C/ 24H	0	cfu/ 100ml	
Coliforms (Total)	140	Filtration/ Incubation 37C/ 24H	0	cfu/ 100ml	
Conductivity (Ground Water at 20C)	112	Electrometry	476	uscm -1@20C	UKAS
Copper (Ground Water)	177	ICPMS	23.96	ug/L	UKAS
Cyanide	138	Colorimetry	<5	ug/L	
Dissolved Oxygen (mg/l)	715	DO Meter	6.5	mg/L	
Fluoride (Ground Water)	115	Colorimetry	0.50	mg/L	UKAS
Iron (Ground Water)	177	ICPMS	682.6	ug/L	UKAS
Lead (Ground Water)	177	ICPMS	12.52	ug/L	UKAS
Magnesium (Ground Water)	184	ICPMS	3.145	mg/L	UKAS
Manganese (Ground Water)	177	ICPMS	44.55	ug/L	UKAS
Mercury (Ground water)	178	ICPMS	<0.04	ug/L	UKAS
Nickel (Ground Water)	177	ICPMS	7.195	ug/L	UKAS
Nitrate (Ground Water)	103	Colorimetry	0.990	mg/L as N	UKAS
Nitrate as NO3	103	Calculation	4.384	mg/L as NO3	UKAS

Signed : 
Aoife Harmon - Technical Supervisor

Date : 07/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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(P) : Presumptive Results

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/10
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH2 (GW)	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	07/04/2014
		Sample Type	Groundwater

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
**Nitrite (Ground Water)	118	Colorimetry	0.007	mg/L as N	
Nitrite as NO2	118	Calculation	<0.050	mg/L as NO2	UKAS
Nitrogen (Total Oxidised) (Ground W	151	Colorimetry	1.00	mg/L as N	UKAS
pH (Ground Water)	110	Electrometry	8.4	pH Units	UKAS
Phenols (Total)	223	GCMS	<0.10	ug/L	
Phosphate (Total as PO4)	166	Calculation	0.086	mg/L as PO4	UKAS
Phosphate (Total) Ground Water	166	Colorimetry	0.028	mg/L as P	UKAS
Potassium (Ground Water)	184	ICPMS	8.422	mg/L	UKAS
Selenium (Ground Water)	177	ICPMS	1.726	ug/L	UKAS
Silver	177	ICPMS	<0.33	ug/L	
Sodium (Ground water)	184	ICPMS	34.68	mg/L	UKAS
Sulphate (Ground Water)	119	Colorimetry	112.82	mg/L	UKAS
Total Organic Carbon	316	TOC analyser (NPOC)	5.76	mg/L	
Zinc (Ground Water)	177	ICPMS	29.25	ug/L	UKAS

Signed : 
Aoife Harmon - Technical Supervisor

Date : 07/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/06
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH2 2m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	81.5	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	12.35	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	364.859	ug/Kg	
Arsenic (Leachate)	128	ICPMS	23.71	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	5160.46	ug/Kg	
Barium (Leachate)	128	ICPMS	702.1	ug/Kg	
Barium Solid (OES)	224	ICP-OES	96145.3	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	<0.09	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	293.275	ug/Kg	
Chloride (Leachate WAC)	190	IC	40.44	mg/Kg	
Chloride (Solid)	100	Colorimetry	22.36	mg/Kg	
Chromium (Leachate)	128	ICPMS	219.3	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	16971.3	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/06
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH2 2m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	59.4	ug/Kg	
Copper Solid (OES)	224	ICP-OES	19702.4	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	142.2	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	4.72	mg/Kg	
Fluoride (Solid)	115	Colorimetry	1.92	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	1.311	ug/Kg	
Lead Solid (OES)	224	ICP-OES	9024.64	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	0.342	ug/Kg	
Mercury (Solid)	178	ICPMS	<0.2	ug/Kg	
Mineral Oil (soil)	327	GC-FID	<2.5	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	21.11	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	1206.59	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	40.78	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	27264.4	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/06
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH2 2m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.04	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	327.1	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	3605.59	ug/Kg	
Sulphate (Leachate WAC)	190	IC	103.22	mg/Kg	
Sulphate (Solid)	119	Colorimetry	15.51	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	<1.0	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	2860	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	83.97	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	47017.5	ug/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested

(P) : Presumptive Results

**The analytical result for this parameter may not be reflective of the concentration present at the time of sampling. The maximum recommended preservation time for this parameter has been exceeded.

A copy of this certificate is available on www.fitzsci.ie

Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/05
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH2 1m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	86.75	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	15.51	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	474.41	ug/Kg	
Arsenic (Leachate)	128	ICPMS	27.36	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	5886.82	ug/Kg	
Barium (Leachate)	128	ICPMS	52.08	ug/Kg	
Barium Solid (OES)	224	ICP-OES	266276	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	<0.09	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	490.061	ug/Kg	
Chloride (Leachate WAC)	190	IC	7.86	mg/Kg	
Chloride (Solid)	100	Colorimetry	10.58	mg/Kg	
Chromium (Leachate)	128	ICPMS	360	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	8527.72	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Results contained in this report relate only to the samples tested

(P) : Presumptive Results

**The analytical result for this parameter may not be reflective of the concentration present at the time of sampling. The maximum recommended preservation time for this parameter has been exceeded.

A copy of this certificate is available on www.fitzsci.ie

Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/05
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH2 1m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	7174	ug/Kg	
Copper Solid (OES)	224	ICP-OES	19598.6	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	57.1	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	2.96	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.07	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	<0.38	ug/Kg	
Lead Solid (OES)	224	ICP-OES	7653.02	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	1.129	ug/Kg	
Mercury (Solid)	178	ICPMS	<0.2	ug/Kg	
Mineral Oil (soil)	327	GC-FID	<2.5	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	13.94	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	478.331	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	8.152	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	23955.7	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Results contained in this report relate only to the samples tested

(P) : Presumptive Results

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A copy of this certificate is available on www.fitzsci.ie

Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/05
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH2 1m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.02	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	41.67	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	3250.53	ug/Kg	
Sulphate (Leachate WAC)	190	IC	99.88	mg/Kg	
Sulphate (Solid)	119	Colorimetry	4.6	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	3.724	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	2060	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	6.963	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	38391.5	ug/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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(P) : Presumptive Results

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A copy of this certificate is available on www.fitzsci.ie

Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/04
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH2 0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	90.09	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	5.24	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	<10	ug/Kg	
Arsenic (Leachate)	128	ICPMS	18.61	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	2912.43	ug/Kg	
Barium (Leachate)	128	ICPMS	340.1	ug/Kg	
Barium Solid (OES)	224	ICP-OES	36640.7	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	0.452	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	214.277	ug/Kg	
Chloride (Leachate WAC)	190	IC	17.18	mg/Kg	
Chloride (Solid)	100	Colorimetry	7.85	mg/Kg	
Chromium (Leachate)	128	ICPMS	203.1	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	8696.86	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Results contained in this report relate only to the samples tested

(P) : Presumptive Results

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/04
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH2 0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	49.67	ug/Kg	
Copper Solid (OES)	224	ICP-OES	11871.4	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	65.9	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	3.86	mg/Kg	
Fluoride (Solid)	115	Colorimetry	1.98	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	1.787	ug/Kg	
Lead Solid (OES)	224	ICP-OES	6306.73	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	1.654	ug/Kg	
Mercury (Solid)	178	ICPMS	9.618	ug/Kg	
Mineral Oil (soil)	327	GC-FID	3.52	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	19.97	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	747.518	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	60.27	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	13003.2	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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(P) : Presumptive Results

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/04
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH2 0m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.04	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	8.943	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	1582.64	ug/Kg	
Sulphate (Leachate WAC)	190	IC	49.98	mg/Kg	
Sulphate (Solid)	119	Colorimetry	112.32	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	<1.0	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	1590	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	133	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	22248.5	ug/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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(P) : Presumptive Results

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/03
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH1 4.0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	90.78	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	7.241	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	630.34	ug/Kg	
Arsenic (Leachate)	128	ICPMS	62.17	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	5041.86	ug/Kg	
Barium (Leachate)	128	ICPMS	913.8	ug/Kg	
Barium Solid (OES)	224	ICP-OES	47566.6	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	0.236	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	164.665	ug/Kg	
Chloride (Leachate WAC)	190	IC	10.52	mg/Kg	
Chloride (Solid)	100	Colorimetry	7.77	mg/Kg	
Chromium (Leachate)	128	ICPMS	329.4	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	13644.8	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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(P) : Presumptive Results

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Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/03
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH1 4.0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	122.5	ug/Kg	
Copper Solid (OES)	224	ICP-OES	19565.9	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	80.9	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	4.60	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.29	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	33.34	ug/Kg	
Lead Solid (OES)	224	ICP-OES	8198.09	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	<0.2	ug/Kg	
Mercury (Solid)	178	ICPMS	32.91	ug/Kg	
Mineral Oil (soil)	327	GC-FID	<2.5	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	12.11	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	563.765	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	164.4	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	21835	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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(P) : Presumptive Results

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Customer	Nikita Coulter The Recycling Village Ltd. Unit 21 Duleek Business Park Duleek Co. Meath	Lab Report Ref. No.	1438/009/03
Customer PO		Date of Receipt	19/03/2014
Customer Ref	BH1 4.0m	Sampled On	18/03/2014
Ref 2		Date Testing Commenced	19/03/2014
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
		Date of Report	11/04/2014
		Sample Type	Soil

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.02	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	52.7	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	2877.3	ug/Kg	
Sulphate (Leachate WAC)	190	IC	39.08	mg/Kg	
Sulphate (Solid)	119	Colorimetry	3.29	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	<1.0	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	2960	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	258.6	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	32737.9	ug/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

Acc. : Accredited Parameters by ISO 17025:2005

PVL - Parametric Value Limit as per EU Drinking water Regulations (SI 278 2007)

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(P) : Presumptive Results

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A copy of this certificate is available on www.fitzsci.ie

Customer	Nikita Coulter	Lab Report Ref. No.	1438/009/02
	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH1 2.0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
% Dry Matter	302	Drying @ 104 C	83.35	%	
Acenaphthene (Soil)	200	GCMS	<0.05	mg/Kg	
Acenaphthylene (Soil)	200	GCMS	<0.05	mg/Kg	
Anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Antimony (Leachate)	128	ICPMS	3.765	ug/Kg	
Antimony Solid (OES)	224	ICP-OES	505.168	ug/Kg	
Arsenic (Leachate)	128	ICPMS	33.7	ug/Kg	
Arsenic Solid (OES)	224	ICP-OES	5540.7	ug/Kg	
Barium (Leachate)	128	ICPMS	420.7	ug/Kg	
Barium Solid (OES)	224	ICP-OES	36572.4	ug/Kg	
Benzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Benzo(a)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(a)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(b)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(ghi)perylene (Soil)	200	GCMS	<0.05	mg/Kg	
Benzo(k)fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
BTEX (soil)	198	GC-FID	<0.5	mg/Kg	
Cadmium (Leachate)	128	ICPMS	0.105	ug/Kg	
Cadmium Solid (OES)	224	ICP-OES	<10.00	ug/Kg	
Chloride (Leachate WAC)	190	IC	2137.64	mg/Kg	
Chloride (Solid)	100	Colorimetry	5.91	mg/Kg	
Chromium (Leachate)	128	ICPMS	451.5	ug/Kg	
Chromium Solid (OES)	224	ICP-OES	16940.2	ug/Kg	
Chrysene (Soil)	200	GCMS	<0.05	mg/Kg	

Signed : 
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	The Recycling Village Ltd.	Date of Receipt	19/03/2014
	Unit 21	Sampled On	18/03/2014
	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH1 2.0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Copper (Leachate)	128	ICPMS	75.31	ug/Kg	
Copper Solid (OES)	224	ICP-OES	15916.8	ug/Kg	
Coronene (Soil)	200	GCMS	<0.05	mg/Kg	
Dibenzo(ah)anthracene (Soil)	200	GCMS	<0.05	mg/Kg	
Dissolved Organic Carbon (Leachate)	316	TOC Analyser	113.4	mg/Kg	
Ethylbenzene (Soil)	198	GC-FID	<0.5	mg/Kg	
Fluoranthene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluorene (Soil)	200	GCMS	<0.05	mg/Kg	
Fluoride (Leachate WAC)	190	IC	4.90	mg/Kg	
Fluoride (Solid)	115	Colorimetry	2.05	mg/Kg	
Indeno(1,2,3-cd)pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Lead (Leachate)	128	ICPMS	23.54	ug/Kg	
Lead Solid (OES)	224	ICP-OES	7859.38	ug/Kg	
m- & p-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Mercury (Leachate)	128	ICPMS	0.498	ug/Kg	
Mercury (Solid)	178	ICPMS	31.03	ug/Kg	
Mineral Oil (soil)	327	GC-FID	<2.5	mg/Kg	
Molybdenum (Leachate)	128	ICPMS	9.666	ug/Kg	
Molybdenum Solid (OES)	228	ICP-OES	267.593	ug/Kg	
Naphthalene (Soil)	200	GCMS	<0.05	mg/Kg	
Nickel (Leachate)	128	ICPMS	118.2	ug/Kg	
Nickel Solid (OES)	177	ICP-OES	23265.4	ug/Kg	
o-Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
PAH soil (Sum of 17)	200	GCMS	<0.05	mg/Kg	

Signed : 
Aoife Harmon - Technical Supervisor

Date : 11/04/2014

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	The Recycling Village Ltd.	Date of Receipt	19/03/2014
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	Duleek Business Park	Date Testing Commenced	19/03/2014
	Duleek	Received or Collected	Delivered by Customer
	Co. Meath	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/04/2014
Customer Ref	BH1 2.0m	Sample Type	Soil
Ref 2			

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
PCB Total of 7 Congeners	167	GCMS	<0.005	mg/Kg	
Phenanthrene (Soil)	200	GCMS	<0.05	mg/Kg	
Phenol Index (Leachate)	128	Colorimetry	0.02	mg/Kg	
Pyrene (Soil)	200	GCMS	<0.05	mg/Kg	
Selenium (Leachate)	128	ICPMS	83.53	ug/Kg	
Selenium Solid (OES)	224	ICP-OES	3064.55	ug/Kg	
Sulphate (Leachate WAC)	190	IC	52.44	mg/Kg	
Sulphate (Solid)	119	Colorimetry	21.06	mg/Kg as SO4	
TOC (Soil)	315	TOC Analyser	1.534	%	
Total Dissolved Solids (Leachate)	128	Evaporation/ Gravimetry	3070	mg/Kg	
Total Xylene (Soil)	198	GC-FID	<0.5	mg/Kg	
Zinc (Leachate)	128	ICPMS	195.1	ug/Kg	
Zinc Solid (OES)	224	ICP-OES	36912.5	ug/Kg	

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