APPENDIX F

WAC Results

Contaminant	No. of samples		Range (mg/kg)	No. of samples below detection limit	WAC (mg/kg)		No. of samples exceeding WAC		Location and Depth (mbgl)
pH	28	5	7.4 - 8.7	0	Non- hazardous	>6	28	Site 1	TP12 (2.5); TP13 (2.5); TP14 (3); TP15 (2); TP15 (4.5)
		10						Site 2	TP1 (2.7); TP2 (3.5); TP3 (2); TP3 (4.2); TP5 (3); TP6 (2); TP7 (3); TP8 (2); TP10 (2.5); TP10 (4)
		5						Site 3A	TP20 (4); TP21 (3); TP22 (1.5); TP23 (2.5); TP24 (2)
		4						Site 3B	TP25 (2.5); TP26 (2.5); TP27 (2.5); TP28 (2)
		4						Site 3C	TP16 (3); TP17 (2.5); TP18 (1.5); TP19 (2)
Total Organic Carbon	28	5	<0.2 - 8.6	20	Inert		7	Site 1	TP13 (2.5); TP15 (2)
		10						Site 2	TP3 (2); TP6 (2)
		5						Site 3A	TP23 (2.5)
		4						Site 3B	TP25 (2.5)
		4						Site 3C	TP17 (2.5)
		4		27	Hazardous		1	Site 3C	TP18 (1.5)
Antimony	28	5	<0.01 - 1.0	17	Inert	0.06	9	Site 1	TP15 (4.5)
		10						Site 2	TP2 (3.5); TP7 (3)
		5						Site 3A	TP21 (3); TP23 (2.5)
		4						Site 3B	TP25 (2.5); TP26 (2.5)
		4						Site 3C	TP17 (2.5); TP19 (2.5)
		5		26	Non- hazardous	0.7	2	Site 1	TP13 (2.5)
		4						Site 3C	TP18 (1.5)
Total PCBs (7 Congeners)	28	5	<0.10 - 1.9	27	Inert	1	1	Site 1	TP14 (3)
Sulphate	28	5	10 - 5900	23	Inert	1000	5	Site 1	TP14 (3)
		10						Site 2	TP1 (2.7); TP3 (2); TP8 (2)
		5						Site 3A	TP24 (2)
Molybdenum	28	10	<0.05 - 0.71	21	Inert	0.5	7	Site 2	TP1 (2.7); TP2 (3.5); TP7 (3)
		5						Site 3A	TP21 (3)
		4						Site 3B	TP26 (2.5)
		4						Site 3C	TP16 (3); TP18 (1.5)
Total Dissolved Solids	28	10	610 - 15,000	23	Inert	4000	4	Site 2	TP3 (2); TP8 (2)
		5						Site 3A	TP24 (2)
		4						Site 3C	TP18 (1.5)
Loss on Ignition	28	5	0.93 - 13	27	Hazardous	10	1	Site 3A	TP23 (2.5)
Lead	28	5	<0.010 - 1.8	26	Inert	0.5	2	Site 3A	TP23 (2.5)
		4						Site 3C	TP18 (1.5)
TPH Total WAC (Mineral Oil)	28	5	<10 - 1,200	23	Inert	500	5	Site 3A	TP24 (2)
		4						Site 3B	TP25 (2.5); TP26 (2.5)
		4						Site 3C	TP17 (2.5); TP18 (1.5)
Mercury	28	4	<0.005 - 0.028	27	Inert	0.01	1	Site 3C	TP18 (1.5)
Nickel	28	4	<0.05 - 1.3	27	Inert	0.4	1	Site 3C	TP18 (1.5)
Selenium	28	4	<0.01 - 0.13	27	Inert	0.1	1	Site 3C	TP18 (1.5)
Chloride	28	4	<10 - 3,000	27	Inert	800	1	Site 3C	TP18 (1.5)

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Results - 2 Stage WAC

Chemtest Job No:	15-29156
Chemtest Sample ID:	231389
Sample Ref:	
Sample ID:	TP12
Top Depth(m):	2.50
Bottom Depth(m):	
Sampling Date:	08-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			1.0	3	5	6
Loss On Ignition	2610	U	%			3.7	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			25	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.079	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.0019	0.0013	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.046	0.022	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00017	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0017	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0042	0.0032	< 0.050	< 0.050	2	50	100
Mercury	1450	U	0.00090	0.00057	0.0018	0.0061	0.01	0.2	2
Molybdenum	1450	U	0.016	0.0097	< 0.050	0.11	0.5	10	30
Nickel	1450	U	0.0016	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0018	0.0011	< 0.010	0.012	0.06	0.7	5
Selenium	1450	U	0.0020	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0031	0.0079	< 0.50	< 0.50	4	50	200
Chloride	1220	U	3.3	1.3	< 10	16	800	15000	25000
Fluoride	1220	U	0.34	0.29	< 1.0	3.0	10	150	500
Sulphate	1220	U	48	8.8	95	140	1000	20000	50000
Total Dissolved Solids	1020	N	190	96	370	1100	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	16	10	< 50	110	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	16

Leachate Test Information	
Leachant volume 1st extract/l	0.317
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.233

Results - 2 Stage WAC

Chemtest Job No:	15-29156
Chemtest Sample ID:	231390
Sample Ref:	
Sample ID:	TP13
Top Depth(m):	2.50
Bottom Depth(m):	
Sampling Date:	08-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			4.1	3	5	6
Loss On Ignition	2610	U	%			8.7	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				7.6	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.013	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.0075	0.0086	< 0.050	0.084	0.5	2	25
Barium	1450	U	0.025	0.011	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.013	0.012	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.015	0.010	< 0.050	0.11	0.5	10	30
Nickel	1450	U	0.0023	0.0022	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	0.0011	0.014	< 0.010	0.13	0.5	10	50
Antimony	1450	U	0.14	0.10	0.27	1.0	0.06	0.7	5
Selenium	1450	U	0.0012	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0072	0.011	< 0.50	< 0.50	4	50	200
Chloride	1220	U	5.1	1.7	< 10	20	800	15000	25000
Fluoride	1220	U	0.23	0.25	< 1.0	2.5	10	150	500
Sulphate	1220	U	44	12	86	150	1000	20000	50000
Total Dissolved Solids	1020	N	210	110	410	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	18	29	< 50	280	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	21

Leachate Test Information	
Leachant volume 1st extract/l	0.304
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.181

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Results - 2 Stage WAC

Chemtest Job No:	15-29156
Chemtest Sample ID:	231391
Sample Ref:	
Sample ID:	TP14
Top Depth(m):	3.00
Bottom Depth(m):	
Sampling Date:	08-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			2.5	3	5	6
Loss On Ignition	2610	U	%			7.0	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			1.9	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			18	100	--	--
pH	2010	U				7.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.053	--	To evaluate	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	for compliance EN 12457-3 at l		
Arsenic	1450	U	0.0032	0.0011	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.067	0.023	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0021	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0094	0.0073	< 0.050	0.075	0.5	10	30
Nickel	1450	U	0.0039	0.0011	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	0.0012	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0073	0.0017	0.014	0.024	0.06	0.7	5
Selenium	1450	U	0.0014	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.044	0.011	< 0.50	< 0.50	4	50	200
Chloride	1220	U	5.7	< 1.0	11	< 10	800	15000	25000
Fluoride	1220	U	0.17	0.24	< 1.0	2.3	10	150	500
Sulphate	1220	U	1100	150	2200	2700	1000	20000	50000
Total Dissolved Solids	1020	N	1000	300	1900	3900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	19	16	< 50	160	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	20

Leachate Test Information	
Leachant volume 1st extract/l	0.306
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.218

Results - 2 Stage WAC

Chemtest Job No:	15-29330
Chemtest Sample ID:	232030
Sample Ref:	
Sample ID:	TP15
Top Depth(m):	2.00
Bottom Depth(m):	
Sampling Date:	09-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			3.1	3	5	6
Loss On Ignition	2610	U	%			7.1	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			12	100	--	--
pH	2010	U				8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.0018	0.0021	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.034	0.016	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0015	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0051	0.0034	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.021	0.011	< 0.050	0.12	0.5	10	30
Nickel	1450	U	0.0014	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	0.0039	< 0.010	0.034	0.5	10	50
Antimony	1450	U	0.0019	0.0017	< 0.010	0.017	0.06	0.7	5
Selenium	1450	U	0.0013	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0032	0.0049	< 0.50	< 0.50	4	50	200
Chloride	1220	U	3.0	< 1.0	< 10	< 10	800	15000	25000
Fluoride	1220	U	0.42	0.39	< 1.0	3.9	10	150	500
Sulphate	1220	U	26	6.4	51	87	1000	20000	50000
Total Dissolved Solids	1020	N	180	88	350	980	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	10	7.8	< 50	80	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.314
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.203

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232031								
Sample Ref:									
Sample ID:	TP15								
Top Depth(m):	4.50								
Bottom Depth(m):									
Sampling Date:	09-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			0.60	3	5	6
Loss On Ignition	2610	U	%			2.5	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.036	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.0039	0.0035	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.047	0.020	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0019	0.0018	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.040	0.015	0.079	0.19	0.5	10	30
Nickel	1450	U	0.0019	0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0099	0.0077	0.020	0.080	0.06	0.7	5
Selenium	1450	U	0.0013	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0067	0.0019	< 0.50	< 0.50	4	50	200
Chloride	1220	U	2.4	< 1.0	< 10	< 10	800	15000	25000
Fluoride	1220	U	0.13	0.13	< 1.0	1.3	10	150	500
Sulphate	1220	U	150	23	300	420	1000	20000	50000
Total Dissolved Solids	1020	N	300	100	600	1300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	8.4	5.9	< 50	63	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	11

Leachate Test Information	
Leachant volume 1st extract/l	0.328
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.262

Results - 2 Stage WAC

Chemtest Job No:	15-29149
Chemtest Sample ID:	231348
Sample Ref:	
Sample ID:	TP1
Top Depth(m):	2.70
Bottom Depth(m):	
Sampling Date:	07-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			1.4	3	5	6
Loss On Ignition	2610	U	%			4.7	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.022	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.015	0.0067	< 0.050	0.076	0.5	2	25
Barium	1450	U	0.086	0.041	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00033	0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0020	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0049	0.0017	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.16	0.041	0.31	0.54	0.5	10	30
Nickel	1450	U	0.012	0.0049	< 0.050	0.057	0.4	10	40
Lead	1450	U	0.0053	0.0022	0.010	0.025	0.5	10	50
Antimony	1450	U	0.0065	0.0047	0.013	0.049	0.06	0.7	5
Selenium	1450	U	0.0047	0.0018	< 0.010	0.021	0.1	0.5	7
Zinc	1450	U	0.015	0.0068	< 0.50	< 0.50	4	50	200
Chloride	1220	U	45	5.8	88	100	800	15000	25000
Fluoride	1220	U	0.35	0.27	< 1.0	2.8	10	150	500
Sulphate	1220	U	310	80	610	1000	1000	20000	50000
Total Dissolved Solids	1020	N	720	270	1400	3200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	38	17	75	190	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.313
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.189

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Results - 2 Stage WAC

Chemtest Job No:	15-29149
Chemtest Sample ID:	231350
Sample Ref:	
Sample ID:	TP2
Top Depth(m):	3.50
Bottom Depth(m):	
Sampling Date:	07-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			0.69	3	5	6
Loss On Ignition	2610	U	%			4.7	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.024	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.0094	0.0027	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.061	0.047	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00028	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0018	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.15	0.039	0.30	0.55	0.5	10	30
Nickel	1450	U	0.0075	0.0030	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0085	0.0063	0.017	0.066	0.06	0.7	5
Selenium	1450	U	0.0042	0.0018	< 0.010	0.021	0.1	0.5	7
Zinc	1450	U	0.013	0.0052	< 0.50	< 0.50	4	50	200
Chloride	1220	U	55	5.0	110	120	800	15000	25000
Fluoride	1220	U	0.26	0.21	< 1.0	2.2	10	150	500
Sulphate	1220	U	300	62	600	970	1000	20000	50000
Total Dissolved Solids	1020	N	790	260	1600	3400	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	24	13	< 50	150	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	15

Leachate Test Information	
Leachant volume 1st extract/l	0.319
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.253

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29149						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	231349								
Sample Ref:									
Sample ID:	TP3								
Top Depth(m):	2.00								
Bottom Depth(m):									
Sampling Date:	07-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			3.5	3	5	6
Loss On Ignition	2610	U	%			7.3	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			27	100	--	--
pH	2010	U				8.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.020	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.0064	0.0038	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.083	0.070	< 0.50	0.97	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.010	0.0098	< 0.050	0.098	0.5	10	30
Nickel	1450	U	0.027	0.011	0.052	0.13	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0028	0.0028	< 0.010	0.028	0.06	0.7	5
Selenium	1450	U	0.0054	0.0018	0.010	0.023	0.1	0.5	7
Zinc	1450	U	0.045	0.021	< 0.50	< 0.50	4	50	200
Chloride	1220	U	7.3	3.1	14	36	800	15000	25000
Fluoride	1220	U	0.078	0.14	< 1.0	1.3	10	150	500
Sulphate	1220	U	1400	370	2800	5100	1000	20000	50000
Total Dissolved Solids	1020	N	1300	560	2500	6500	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	28	20	54	210	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	22

Leachate Test Information	
Leachant volume 1st extract/l	0.302
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.228

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29149						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	231347								
Sample Ref:									
Sample ID:	TP3								
Top Depth(m):	4.20								
Bottom Depth(m):									
Sampling Date:	07-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			0.38	3	5	6
Loss On Ignition	2610	U	%			2.2	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.026	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.0094	0.0032	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0024	0.0037	< 0.050	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0034	0.0014	< 0.50	< 0.50	4	50	200
Chloride	1220	U	2.3	< 1.0	< 10	< 10	800	15000	25000
Fluoride	1220	U	0.22	0.20	< 1.0	2.0	10	150	500
Sulphate	1220	U	8.6	< 1.0	17	11	1000	20000	50000
Total Dissolved Solids	1020	N	110	54	220	610	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	12	9.2	< 50	95	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	9.8

Leachate Test Information	
Leachant volume 1st extract/l	0.331
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.223

Results - 2 Stage WAC

Chemtest Job No:	15-29149
Chemtest Sample ID:	231353
Sample Ref:	
Sample ID:	TP5
Top Depth(m):	3.00
Bottom Depth(m):	
Sampling Date:	08-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			0.42	3	5	6
Loss On Ignition	2610	U	%			2.8	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			52	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.045	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.0080	0.0038	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0017	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0014	0.0029	< 0.050	< 0.050	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0040	0.0014	< 0.50	< 0.50	4	50	200
Chloride	1220	U	2.9	< 1.0	< 10	< 10	800	15000	25000
Fluoride	1220	U	0.20	0.22	< 1.0	2.2	10	150	500
Sulphate	1220	U	8.3	< 1.0	16	10	1000	20000	50000
Total Dissolved Solids	1020	N	120	63	240	700	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	15	12	< 50	120	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	15

Leachate Test Information	
Leachant volume 1st extract/l	0.319
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.211

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29149						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	231354								
Sample Ref:									
Sample ID:	TP6								
Top Depth(m):	2.00								
Bottom Depth(m):									
Sampling Date:	08-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			4.8	3	5	6
Loss On Ignition	2610	U	%			8.3	--	--	10
Total BTEX	2760	U	mg/kg			0.014	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			40	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.038	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at l**		
Arsenic	1450	U	0.011	0.0050	< 0.050	0.057	0.5	2	25
Barium	1450	U	0.041	0.022	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00022	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0030	0.0014	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.096	0.025	0.19	0.33	0.5	10	30
Nickel	1450	U	0.015	0.0063	< 0.050	0.073	0.4	10	40
Lead	1450	U	0.0097	0.0050	0.019	0.055	0.5	10	50
Antimony	1450	U	0.0051	0.0046	0.010	0.046	0.06	0.7	5
Selenium	1450	U	0.0029	0.0014	< 0.010	0.016	0.1	0.5	7
Zinc	1450	U	0.016	0.0062	< 0.50	< 0.50	4	50	200
Chloride	1220	U	30	5.1	59	80	800	15000	25000
Fluoride	1220	U	0.46	0.32	< 1.0	3.4	10	150	500
Sulphate	1220	U	260	57	520	810	1000	20000	50000
Total Dissolved Solids	1020	N	680	250	1300	3000	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	42	19	82	220	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.313
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.208

Chemtest
The right chemistry to deliver results

Results - 2 Stage WAC

Site 2

Chemtest Job No:	15-29149						Landfill Waste Acceptance Criteria Limits		
Chemtest Sample ID:	231345						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample Ref:									
Sample ID:	TP7								
Top Depth(m):	3.00								
Bottom Depth(m):									
Sampling Date:	08-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			2.3	3	5	6
Loss On Ignition	2610	U	%			5.7	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			24	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			32	100	--	--
pH	2010	U				8.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.031	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.014	0.0056	< 0.050	0.064	0.5	2	25
Barium	1450	U	0.039	0.025	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00044	0.00011	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0020	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0032	0.0016	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.15	0.040	0.30	0.51	0.5	10	30
Nickel	1450	U	0.0015	0.0045	< 0.050	0.055	0.4	10	40
Lead	1450	U	0.0017	0.0010	< 0.010	0.011	0.5	10	50
Antimony	1450	U	0.0061	0.0067	0.012	0.066	0.06	0.7	5
Selenium	1450	U	0.0039	0.0030	< 0.010	0.031	0.1	0.5	7
Zinc	1450	U	0.0068	0.0044	< 0.50	< 0.50	4	50	200
Chloride	1220	U	46	7.3	90	110	800	15000	25000
Fluoride	1220	U	0.31	0.21	< 1.0	2.2	10	150	500
Sulphate	1220	U	130	50	260	580	1000	20000	50000
Total Dissolved Solids	1020	N	550	240	1100	2700	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	27	15	53	160	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.315
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.177

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29149								
Chemtest Sample ID:	231346								
Sample Ref:									
Sample ID:	TP8						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Top Depth(m):	2.00								
Bottom Depth(m):									
Sampling Date:	08-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			0.99	3	5	6
Loss On Ignition	2610	U	%			3.1	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.021	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.0057	0.0018	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.081	0.077	< 0.50	0.77	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0015	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.020	0.0060	< 0.050	0.079	0.5	10	30
Nickel	1450	U	0.013	0.0063	< 0.050	0.072	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0025	0.0015	< 0.010	0.016	0.06	0.7	5
Selenium	1450	U	0.0038	0.0010	< 0.010	0.014	0.1	0.5	7
Zinc	1450	U	0.027	0.015	< 0.50	< 0.50	4	50	200
Chloride	1220	U	38	4.4	75	90	800	15000	25000
Fluoride	1220	U	0.16	0.15	< 1.0	1.5	10	150	500
Sulphate	1220	U	820	300	1600	3700	1000	20000	50000
Total Dissolved Solids	1020	N	1200	500	2400	5900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	41	20	81	230	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.315
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.240

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29149						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	231351								
Sample Ref:									
Sample ID:	TP10								
Top Depth(m):	2.50								
Bottom Depth(m):									
Sampling Date:	08-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			0.70	3	5	6
Loss On Ignition	2610	U	%			2.4	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.022	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.018	0.0075	< 0.050	0.088	0.5	2	25
Barium	1450	U	0.030	0.011	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00014	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0011	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0056	0.0026	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.043	0.0094	0.089	0.14	0.5	10	30
Nickel	1450	U	0.012	0.0036	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.012	0.0050	0.024	0.059	0.06	0.7	5
Selenium	1450	U	0.0019	0.0010	< 0.010	0.011	0.1	0.5	7
Zinc	1450	U	0.0046	0.0025	< 0.50	< 0.50	4	50	200
Chloride	1220	U	14	1.8	28	33	800	15000	25000
Fluoride	1220	U	0.29	0.21	< 1.0	2.2	10	150	500
Sulphate	1220	U	64	10	130	170	1000	20000	50000
Total Dissolved Solids	1020	N	290	120	570	1400	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	24	11	< 50	130	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	16

Leachate Test Information	
Leachant volume 1st extract/l	0.317
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.221

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29149								
Chemtest Sample ID:	231352								
Sample Ref:							**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Sample ID:	TP10								
Top Depth(m):	4.00								
Bottom Depth(m):									
Sampling Date:	08-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			< 0.20	3	5	6
Loss On Ignition	2610	U	%			0.93	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.013	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**for compliance EN 12457-3 at L**		
Arsenic	1450	U	0.0023	0.0015	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.020	0.0065	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0041	0.0028	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0062	0.0021	< 0.050	< 0.050	0.5	10	30
Nickel	1450	U	0.0032	0.0012	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0015	< 0.0010	< 0.010	< 0.010	0.06	0.7	5
Selenium	1450	U	0.0017	0.0012	< 0.010	0.013	0.1	0.5	7
Zinc	1450	U	0.0016	0.0013	< 0.50	< 0.50	4	50	200
Chloride	1220	U	1.7	1.1	< 10	12	800	15000	25000
Fluoride	1220	U	0.27	0.14	< 1.0	1.6	10	150	500
Sulphate	1220	U	8.6	< 1.0	17	14	1000	20000	50000
Total Dissolved Solids	1020	N	120	62	240	710	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	13	12	< 50	120	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	5.1

Leachate Test Information	
Leachant volume 1st extract/l	0.341
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.283

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232044								
Sample Ref:									
Sample ID:	TP20								
Top Depth(m):	4.00								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			0.46	3	5	6
Loss On Ignition	2610	U	%			2.3	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			86	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.1	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.031	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.0046	0.0026	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.045	0.014	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0017	0.0011	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.026	0.013	0.051	0.15	0.5	10	30
Nickel	1450	U	0.0033	0.0014	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0038	0.0029	< 0.010	0.030	0.06	0.7	5
Selenium	1450	U	0.0014	0.0011	< 0.010	0.011	0.1	0.5	7
Zinc	1450	U	0.0026	< 0.0010	< 0.50	< 0.50	4	50	200
Chloride	1220	U	7.8	< 1.0	15	< 10	800	15000	25000
Fluoride	1220	U	0.17	0.15	< 1.0	1.5	10	150	500
Sulphate	1220	U	54	11	110	160	1000	20000	50000
Total Dissolved Solids	1020	N	250	98	490	1200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	18	12	< 50	130	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	16

Leachate Test Information	
Leachant volume 1st extract/l	0.317
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.209

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232043								
Sample Ref:									
Sample ID:	TP21								
Top Depth(m):	3.00								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			1.6	3	5	6
Loss On Ignition	2610	U	%			4.2	--	--	10
Total BTEX	2760	U	mg/kg			0.012	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			290	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.035	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.020	0.0087	< 0.050	0.095	0.5	2	25
Barium	1450	U	0.027	0.028	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00036	0.00015	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0016	0.0011	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0066	0.0060	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.21	0.061	0.42	0.71	0.5	10	30
Nickel	1450	U	0.037	0.013	0.073	0.15	0.4	10	40
Lead	1450	U	0.0068	0.0071	0.014	0.071	0.5	10	50
Antimony	1450	U	0.021	0.012	0.042	0.13	0.06	0.7	5
Selenium	1450	U	0.0066	0.0027	0.013	0.030	0.1	0.5	7
Zinc	1450	U	0.015	0.013	< 0.50	< 0.50	4	50	200
Chloride	1220	U	150	21	290	300	800	15000	25000
Fluoride	1220	U	0.34	0.21	< 1.0	2.2	10	150	500
Sulphate	1220	U	140	57	280	630	1000	20000	50000
Total Dissolved Solids	1020	N	810	300	1600	3300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	57	13	110	160	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	12

Leachate Test Information	
Leachant volume 1st extract/l	0.327
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.120

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232042								
Sample Ref:									
Sample ID:	TP22								
Top Depth(m):	1.50								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			0.41	3	5	6
Loss On Ignition	2610	U	%			2.0	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			140	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.023	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.0017	0.0013	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.021	0.0087	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0035	0.0025	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0096	0.0071	< 0.050	0.074	0.5	10	30
Nickel	1450	U	0.0014	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	0.0017	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0020	0.0013	< 0.010	0.014	0.06	0.7	5
Selenium	1450	U	0.0049	0.0019	< 0.010	0.023	0.1	0.5	7
Zinc	1450	U	0.0018	< 0.0010	< 0.50	< 0.50	4	50	200
Chloride	1220	U	2.8	< 1.0	< 10	< 10	800	15000	25000
Fluoride	1220	U	0.15	0.16	< 1.0	1.6	10	150	500
Sulphate	1220	U	9.4	1.3	19	25	1000	20000	50000
Total Dissolved Solids	1020	N	160	73	320	850	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	15	14	< 50	140	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	14

Leachate Test Information	
Leachant volume 1st extract/l	0.323
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.250

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232041								
Sample Ref:									
Sample ID:	TP23								
Top Depth(m):	2.50								
Bottom Depth(m):									
Sampling Date:	09-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			4.5	3	5	6
Loss On Ignition	2610	U	%			13	--	--	10
Total BTEX	2760	U	mg/kg			0.015	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			3.1	100	--	--
pH	2010	U				7.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.011	0.0055	< 0.050	0.061	0.5	2	25
Barium	1450	U	0.095	0.056	< 0.50	0.60	20	100	300
Cadmium	1450	U	0.00031	0.00028	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.019	0.040	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.095	0.041	0.18	0.47	0.5	10	30
Nickel	1450	U	0.023	0.010	< 0.050	0.11	0.4	10	40
Lead	1450	U	0.033	0.063	0.062	0.59	0.5	10	50
Antimony	1450	U	0.049	0.042	0.092	0.42	0.06	0.7	5
Selenium	1450	U	0.0017	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.071	0.043	< 0.50	< 0.50	4	50	200
Chloride	1220	U	15	1.6	28	31	800	15000	25000
Fluoride	1220	U	0.21	0.23	< 1.0	2.3	10	150	500
Sulphate	1220	U	230	42	440	640	1000	20000	50000
Total Dissolved Solids	1020	N	500	180	940	2200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	54	34	100	360	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	29

Leachate Test Information	
Leachant volume 1st extract/l	0.280
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.204

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Chemtest Sample ID:	232032								
Sample Ref:									
Sample ID:	TP24								
Top Depth(m):	2.00								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			2.7	3	5	6
Loss On Ignition	2610	U	%			5.9	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			1200	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			4.7	100	--	--
pH	2010	U				8.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.039	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.010	0.0027	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.098	0.077	< 0.50	0.79	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0034	0.0017	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.053	0.025	0.11	0.29	0.5	10	30
Nickel	1450	U	0.030	0.0090	0.059	0.12	0.4	10	40
Lead	1450	U	0.0025	0.0026	< 0.010	0.026	0.5	10	50
Antimony	1450	U	0.0033	0.0030	< 0.010	0.030	0.06	0.7	5
Selenium	1450	U	0.0054	0.0013	0.011	0.018	0.1	0.5	7
Zinc	1450	U	0.031	0.016	< 0.50	< 0.50	4	50	200
Chloride	1220	U	71	7.7	140	150	800	15000	25000
Fluoride	1220	U	0.44	0.22	< 1.0	2.5	10	150	500
Sulphate	1220	U	860	230	1700	3000	1000	20000	50000
Total Dissolved Solids	1020	N	1200	440	2400	5300	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	61	21	120	260	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.313
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.208

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330								
Chemtest Sample ID:	232035								
Sample Ref:									
Sample ID:	TP25								
Top Depth(m):	2.50								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**				**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625	U	%			3.2	3	5	6
Loss On Ignition	2610	U	%			4.4	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			0.13	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			580	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			4.2	100	--	--
pH	2010	U				8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.037	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.041	0.015	0.081	0.17	0.5	2	25
Barium	1450	U	0.043	0.017	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00069	0.00025	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0031	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.055	0.020	0.11	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.20	0.029	0.40	0.40	0.5	10	30
Nickel	1450	U	0.056	0.012	0.11	0.15	0.4	10	40
Lead	1450	U	0.012	0.015	0.024	0.15	0.5	10	50
Antimony	1450	U	0.058	0.014	0.12	0.17	0.06	0.7	5
Selenium	1450	U	0.012	0.0032	0.024	0.037	0.1	0.5	7
Zinc	1450	U	0.022	0.017	< 0.50	< 0.50	4	50	200
Chloride	1220	U	95	15	190	200	800	15000	25000
Fluoride	1220	U	0.48	0.21	< 1.0	2.3	10	150	500
Sulphate	1220	U	71	18	140	210	1000	20000	50000
Total Dissolved Solids	1020	N	630	190	1200	2200	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	48	16	95	180	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	14

Leachate Test Information	
Leachant volume 1st extract/l	0.322
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.109

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232036								
Sample Ref:									
Sample ID:	TP26								
Top Depth(m):	2.50								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			1.7	3	5	6
Loss On Ignition	2610	U	%			5.1	--	--	10
Total BTEX	2760	U	mg/kg			0.018	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			0.26	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			1000	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.035	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.028	0.007	0.055	0.092	0.5	2	25
Barium	1450	U	0.019	0.020	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00046	0.00026	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0024	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.012	0.010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.17	0.040	0.33	0.50	0.5	10	30
Nickel	1450	U	0.070	0.020	0.14	0.24	0.4	10	40
Lead	1450	U	0.028	0.026	0.055	0.26	0.5	10	50
Antimony	1450	U	0.018	0.011	0.035	0.12	0.06	0.7	5
Selenium	1450	U	0.0035	0.0010	< 0.010	0.012	0.1	0.5	7
Zinc	1450	U	0.031	0.025	< 0.50	< 0.50	4	50	200
Chloride	1220	U	99	17	190	230	800	15000	25000
Fluoride	1220	U	0.36	0.23	< 1.0	2.4	10	150	500
Sulphate	1220	U	130	36	250	430	1000	20000	50000
Total Dissolved Solids	1020	N	810	260	1600	3000	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	75	23	150	270	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.313
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.133

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232033								
Sample Ref:									
Sample ID:	TP27								
Top Depth(m):	2.50								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			< 0.20	3	5	6
Loss On Ignition	2610	U	%			1.1	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				8.7	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.026	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	< 0.0010	< 0.00010	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.030	0.010	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0016	0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0083	0.0056	< 0.050	0.061	0.5	10	30
Nickel	1450	U	0.0013	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0014	< 0.0010	< 0.50	< 0.50	4	50	200
Chloride	1220	U	2.5	< 1.0	< 10	< 10	800	15000	25000
Fluoride	1220	U	0.24	0.17	< 1.0	1.8	10	150	500
Sulphate	1220	U	9.7	< 1.0	19	16	1000	20000	50000
Total Dissolved Solids	1020	N	120	52	240	640	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	8.2	5.4	< 50	59	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	7.7

Leachate Test Information	
Leachant volume 1st extract/l	0.335
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.296

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232034								
Sample Ref:									
Sample ID:	TP28								
Top Depth(m):	2.00								
Bottom Depth(m):									
Sampling Date:	10-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			1.9	3	5	6
Loss On Ignition	2610	U	%			4.7	--	--	10
Total BTEX	2760	U	mg/kg			0.42	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			14	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			3.3	100	--	--
pH	2010	U				8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.020	0.007	< 0.050	0.093	0.5	2	25
Barium	1450	U	0.038	0.022	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00015	0.00014	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0041	0.0037	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.051	0.016	0.099	0.21	0.5	10	30
Nickel	1450	U	0.0096	0.0036	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	0.0036	0.0048	< 0.010	0.046	0.5	10	50
Antimony	1450	U	0.0038	0.0036	< 0.010	0.036	0.06	0.7	5
Selenium	1450	U	0.0016	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.0088	0.0092	< 0.50	< 0.50	4	50	200
Chloride	1220	U	13	1.5	25	30	800	15000	25000
Fluoride	1220	U	0.22	0.19	< 1.0	1.9	10	150	500
Sulphate	1220	U	48	20	93	240	1000	20000	50000
Total Dissolved Solids	1020	N	390	160	760	1900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	28	16	54	180	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	22

Leachate Test Information	
Leachant volume 1st extract/l	0.300
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.229

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232040								
Sample Ref:									
Sample ID:	TP16								
Top Depth(m):	3.00								
Bottom Depth(m):									
Sampling Date:	09-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			1.3	3	5	6
Loss On Ignition	2610	U	%			4.5	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			230	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			3.1	100	--	--
pH	2010	U				7.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.032	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.026	0.0059	0.052	0.079	0.5	2	25
Barium	1450	U	0.054	0.026	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00042	0.00011	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0035	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0096	0.0035	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.22	0.038	0.44	0.56	0.5	10	30
Nickel	1450	U	0.035	0.0076	0.069	0.10	0.4	10	40
Lead	1450	U	0.021	0.0083	0.042	0.095	0.5	10	50
Antimony	1450	U	0.020	0.0080	0.040	0.092	0.06	0.7	5
Selenium	1450	U	0.0068	0.0010	0.014	0.016	0.1	0.5	7
Zinc	1450	U	0.015	0.0041	< 0.50	< 0.50	4	50	200
Chloride	1220	U	75	9.4	150	160	800	15000	25000
Fluoride	1220	U	0.35	0.23	< 1.0	2.4	10	150	500
Sulphate	1220	U	71	25	140	300	1000	20000	50000
Total Dissolved Solids	1020	N	610	210	1200	2500	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	48	21	95	240	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	12

Leachate Test Information	
Leachant volume 1st extract/l	0.327
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.172

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232038								
Sample Ref:									
Sample ID:	TP17								
Top Depth(m):	2.50								
Bottom Depth(m):									
Sampling Date:	09-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			3.1	3	5	6
Loss On Ignition	2610	U	%			7.6	--	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			570	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			< 2.0	100	--	--
pH	2010	U				7.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.037	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.0069	0.0028	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.13	0.067	< 0.50	0.73	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0021	0.0014	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.037	0.028	0.071	0.29	0.5	10	30
Nickel	1450	U	0.012	0.0049	< 0.050	0.056	0.4	10	40
Lead	1450	U	0.0027	0.0023	< 0.010	0.023	0.5	10	50
Antimony	1450	U	0.0019	0.0079	< 0.010	0.072	0.06	0.7	5
Selenium	1450	U	0.0016	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.013	0.0056	< 0.50	< 0.50	4	50	200
Chloride	1220	U	20	2.2	38	40	800	15000	25000
Fluoride	1220	U	0.35	0.19	< 1.0	2.0	10	150	500
Sulphate	1220	U	290	74	550	950	1000	20000	50000
Total Dissolved Solids	1020	N	570	250	1100	2800	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	27	10	52	120	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	25

Leachate Test Information	
Leachant volume 1st extract/l	0.293
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.178

Results - 2 Stage WAC

							Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	15-29330						**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	232039								
Sample Ref:									
Sample ID:	TP18								
Top Depth(m):	1.50								
Bottom Depth(m):									
Sampling Date:	09-Dec-2015								
Determinand	**SOP**	**Accred.**	**Units**						
Total Organic Carbon	2625	U	%			8.6	3	5	6
Loss On Ignition	2610	U	%			2.1	--	--	10
Total BTEX	2760	U	mg/kg			0.058	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			0.36	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			650	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			8.2	100	--	--
pH	2010	U				8.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.034	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.058	0.012	0.11	0.34	0.5	2	25
Barium	1450	U	0.063	0.034	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.0030	0.00087	< 0.010	0.019	0.04	1	5
Chromium	1450	U	0.016	0.0056	< 0.050	0.10	0.5	10	70
Copper	1450	U	0.10	0.042	0.19	0.48	2	50	100
Mercury	1450	U	0.0050	0.00077	0.0093	0.028	0.01	0.2	2
Molybdenum	1450	U	0.90	0.18	1.7	5.2	0.5	10	30
Nickel	1450	U	0.22	0.053	0.41	1.3	0.4	10	40
Lead	1450	U	0.26	0.12	0.49	1.8	0.5	10	50
Antimony	1450	U	0.14	0.043	0.26	0.88	0.06	0.7	5
Selenium	1450	U	0.022	0.0046	0.041	0.13	0.1	0.5	7
Zinc	1450	U	0.27	0.11	0.50	1.8	4	50	200
Chloride	1220	U	500	130	930	3000	800	15000	25000
Fluoride	1220	U	1.3	0.41	2.4	8.3	10	150	500
Sulphate	1220	U	1.9	4.2	< 10	31	1000	20000	50000
Total Dissolved Solids	1020	N	2400	700	4500	15000	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	55	38	100	460	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	31

Leachate Test Information	
Leachant volume 1st extract/l	0.272
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.828

Results - 2 Stage WAC

Chemtest Job No:	15-29330
Chemtest Sample ID:	232037
Sample Ref:	
Sample ID:	TP19
Top Depth(m):	2.00
Bottom Depth(m):	
Sampling Date:	09-Dec-2015

Determinand	SOP	Accred.	Units				Landfill Waste Acceptance Criteria Limits: Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Total Organic Carbon	2625	U	%			2.3	3	5	6
Loss On Ignition	2610	U	%			6.8	---	--	10
Total BTEX	2760	U	mg/kg			< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg			0.53	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg			420	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg			3.6	100	--	--
pH	2010	U				8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg			0.026	--	To evaluate	To evaluate
Eluate Analysis			**2:1 mg/l**	**8:1 mg/l**	**2:1 mg/kg**	**Cumulative mg/kg 10:1**	**Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg**		
Arsenic	1450	U	0.0077	0.0025	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.086	0.051	< 0.50	0.55	20	100	300
Cadmium	1450	U	0.00015	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0023	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.080	0.028	0.16	0.34	0.5	10	30
Nickel	1450	U	0.016	0.033	< 0.050	0.31	0.4	10	40
Lead	1450	U	0.015	0.0099	0.029	0.11	0.5	10	50
Antimony	1450	U	0.0086	0.010	0.017	0.098	0.06	0.7	5
Selenium	1450	U	0.0021	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.014	0.0077	< 0.50	< 0.50	4	50	200
Chloride	1220	U	36	3.7	70	78	800	15000	25000
Fluoride	1220	U	0.27	0.20	< 1.0	2.1	10	150	500
Sulphate	1220	U	170	67	330	800	1000	20000	50000
Total Dissolved Solids	1020	N	570	230	1100	2700	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	30	12	59	140	500	800	1000

Soild Information	
Dry mass of test portion/kg	0.175
Moisture (%)	19

Leachate Test Information	
Leachant volume 1st extract/l	0.309
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.220