

TEST REPORT : CHEMICAL ANALYSIS TEST REPORT
 Waste Acceptance Criteria Testing BS EN 12457, Part 3

REPORT No.:	L17-288434-160723-1	CLIENT:	Tarmac Services Ltd
SAMPLE No.:	160723/1	ADDRESS:	Granite House, Watermead Business Park, Syston
CLIENT REF:	17-0431		
DATE SAMPLED:	03/03/2017	SITE:	Mountsorrel
SAMPLED BY:	Client	SUPPLIER:	Tarmac
DATE RECEIVED	13/03/2017	MATERIAL:	Wash Plant Filter Cake
DATE TESTED:	20-Mar	LOCATION:	Mountsorrel
TESTED BY:	QTS	TYPE OF SAMPLE:	Disturbed

Eluate Analysis	Concentration in Eluate		Amount Leached	Landfill Waste Acceptance Criteria		
	2:1	8:1		10:1	BS EN 12457-3 Limit Values (mg/kg) at L:S 10:1	
Liquid: Waste Ratio:	2:1	8:1	10:1	Inert Waste	Stable Non-Reactive Hazardous waste In non hazardous	Hazardous Waste
Sample Number:	-	-				
pH	-	-				
Conductivity uS/cm	-	-				
	mg/kg (Except where indicated)					
Arsenic	<0.01			0.5	2	25
Barium	0.07			20	100	300
Cadmium	<0.0005			0.04	1	5
Chromium	<0.005			0.5	10	70
Copper	<0.01			2	50	100
Mercury	<0.0005			0.01	0.2	20
Molybdenum	0.019			0.5	10	30
Nickel	<0.007			0.4	10	40
Lead	<0.005			0.5	10	50
Antimony	<0.005			0.06	0.7	5
Selenium	<0.005			0.1	0.5	7
Zinc	<0.005			4	50	200
Chloride	5			800	15000	25000
Fluoride	<0.5			10	150	500
Sulphate	9			1000	20000	50000
Phenol Index	<0.01			1		
Total Dissolved Solids	85			4000	60000	100000
Dissolved Organic Carbon (DOC)	1.4			500	800	1000

Waste Analysis

Total Organic Carbon w/w (%)	0.2	3%	5%	6%
Loss On Ignition (%)	0.60			10%
BTEX mg/kg	<0.05	6		
PCBs (7 congeners) mg/kg	<0.1	1		
TPH (C10-C40) mg/kg	<10	500		
PAHs mg/kg	<1.7	100		
Acid Neutralising Capacity(ph7) (Mol/kg)	<1			
pH	8.2		>6	

REMARKS:

The Landfill Waste Acceptance Criteria limits in this report are provided for guidance only.

For and on behalf of CET


 Approved Signatory

24-Mar-17

 Lorne McLundie - Regional Manager
 Fred Fall - Senior Laboratory Supervisor
 Freddie Fyfe - Site Quality Supervisor
 Jack Maxwell - Laboratory Supervisor


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