



TEST CERTIFICATE

Date Received : 26.11.19
Date Reported : 04.12.19
PA Ref : C 50061
Client Ref : MSBH

Client Ref.		Sand
Lab Ref.		C 63438
Parameters determined on the waste :	Units:	
Total Organic Carbon	w/w %	<3
Loss On Ignition	%	0.8
BTEX	mg/kg	<6
PCB (7 Congeners)	mg/kg	<1
Mineral Oil	mg/kg	<500
PAH (16 USEPA)	mg/kg	<100
pH	----	6.67
Parameters determined using leaching test :		
Arsenic	mg/kg	<0.5
Barium	mg/kg	<20
Cadmium	mg/kg	<0.04
Chromium	mg/kg	<0.5
Copper	mg/kg	<2
Mercury	mg/kg	<0.01
Molybdenum	mg/kg	<0.5
Nickel	mg/kg	<0.4
Lead	mg/kg	<0.5
Antimony	mg/kg	<0.06
Selenium	mg/kg	<0.1
Zinc	mg/kg	<4
Chloride	mg/kg	<800
Sulphate	mg/kg	<1000
Fluoride	mg/kg	<10
Total Dissolved Solids	mg/kg	<4000
Phenol Index	mg/kg	<1
Dissolved Organic Carbon at own pH	mg/kg	<500

For and on behalf of
PRECISION ANALYSIS (NW) LIMITED

M. Hope MSc CChem MRSC
Laboratory Manager

J. Whitter PIEMA
Laboratory Supervisor



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Sample Ref.		Sand
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	UNITS	
Cadmium	mg/kg	<0.5
Chromium	mg/kg	24
Lead	mg/kg	16
Mercury	mg/kg	<0.5
Arsenic	mg/kg	13
Selenium	mg/kg	<1
Copper	mg/kg	7
Nickel	mg/kg	19
Zinc	mg/kg	54
Boron	mg/kg	<1
Total Phenol	mg/kg	<1
Total Cyanide	mg/kg	<1
Total Sulphate	mg/kg	40
Toluene Extractable Matter	mg/kg	10
Sulphide	mg/kg	<1
pH	----	6.67
Gasoline Range Organics (C6-C10)	mg/kg	<1
Diesel Range Organics (C10-C25)	mg/kg	<1
TPH (C25-C40)	mg/kg	<1

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MARCHINGTONSTONE
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	Units	
Polyaromatic Hydrocarbons:		
Naphthalene	mg/kg	<0.1
Acenaphthylene	mg/kg	<0.1
Acenaphthene	mg/kg	<0.1
Fluorene	mg/kg	<0.1
Phenanthrene	mg/kg	<0.1
Anthracene	mg/kg	<0.1
Fluoranthene	mg/kg	<0.1
Pyrene	mg/kg	<0.1
Benzo (a) Anthracene	mg/kg	<0.1
Chrysene	mg/kg	<0.1
Benzo (b) Fluoranthene	mg/kg	<0.1
Benzo (k) Fluoranthene	mg/kg	<0.1
Benzo (a) Pyrene	mg/kg	<0.1
Indeno (123-cd) Pyrene	mg/kg	<0.1
Dibenz (ah) Anthracene	mg/kg	<0.1
Benzo (ghi) Perylene	mg/kg	<0.1

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