



ANALYTICAL REPORT

Report Number	68912-21	T283	MATT JARVIS	Client MATT
Date Received	22-SEP-2021		ASHLEA LANDSCAPING	
Date Reported	29-SEP-2021 SOIL		SCOTLAND ROAD	
Project	OXYGEN TOWERS		CARNFORTH	
Reference	09 2021 CP 155		LA5 9RE	
Order Number				

Laboratory Reference		ENV 62585	ENV 62586	ENV 62587	ENV 62588						
Sample Reference		SAMPLE 13	SAMPLE 14	SAMPLE 15	SAMPLE 16						
Determinand	Unit	SOIL	SOIL	SOIL	SOIL						
Dry Matter (Fresh)	% w/w	93.1	92.0	93.5	94.4						
Hot Water Soluble Boron	mg/l	0.2	0.2	0.2	0.2						
Total Copper	mg/kg	19.4	20.9	20.4	22.5						
Total Zinc	mg/kg	44.0	57.7	48.5	59.5						
Total Lead	mg/kg	11.9	12.2	12.1	14.3						
Total Arsenic	mg/kg	4.7	5.9	6.2	5.9						
Total Cadmium	mg/kg	<0.1	<0.1	<0.1	<0.1						
Total Nickel	mg/kg	26.5	29.5	27.4	30.0						
Total Chromium	mg/kg	18.1	19.4	19.7	19.6						
Chromium Hexavalent	mg/kg	<0.2	<0.2	<0.2	<0.2						
Total Mercury	mg/kg	<0.2	<0.2	<0.2	<0.2						
Total Selenium	mg/kg	0.28	0.26	0.29	0.27						
Phenols Index (Fresh)	mg/kg	<1	<1	<1	<1						
TPH [C5-C44] (Fresh)	mg/kg	45.4	29.0	23.0	<5						
Aliphatic TPH >C5-C6 (Fresh)	mg/kg	0.39	<0.05	<0.05	<0.05						
Aliphatic TPH >C6-C8 (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Aliphatic TPH >C8-C10 (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Aliphatic TPH >C10-C12 (Fresh)	mg/kg	<10	<10	<10	<10						
Aliphatic TPH >C12-C16 (Fresh)	mg/kg	<10	<10	<10	<10						
Aliphatic TPH >C16-C21 (Fresh)	mg/kg	<10	<10	<10	<10						
Aliphatic TPH >C21-C35 (Fresh)	mg/kg	<10	<10	<10	<10						
Aliphatic TPH >C35-C44 (Fresh)	mg/kg	<12	<12	<12	<12						
Aromatic TPH >C5-C7 (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Aromatic TPH >C7-C8 (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Aromatic TPH >C8-C10 (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						



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Determinand	Unit	SOIL	SOIL	SOIL	SOIL						
Aromatic TPH >C10-C12 (Fresh)	mg/kg	<10	<10	<10	<10						
Aromatic TPH >C12-C16 (Fresh)	mg/kg	<10	<10	<10	<10						
Aromatic TPH >C16-C21 (Fresh)	mg/kg	<10	<10	<10	<10						
Aromatic TPH >C21-C35 (Fresh)	mg/kg	45.0	29.0	23.0	<10						
Aromatic TPH >C35-C44 (Fresh)	mg/kg	<12	<12	<12	<12						
PAH EPA16 (Fresh)	mg/kg	<1	<1	5.2	<1						
Naphthalene (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Acenaphthylene (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Acenaphthene (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Fluorene (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Phenanthrene (Fresh)	mg/kg	<0.1	<0.1	0.2	<0.1						
Anthracene (Fresh)	mg/kg	<0.05	<0.05	<0.05	<0.05						
Fluoranthene (Fresh)	mg/kg	<0.1	<0.1	0.6	<0.1						
Pyrene (Fresh)	mg/kg	<0.1	<0.1	0.6	<0.1						
Benzo[a]anthracene (Fresh)	mg/kg	<0.1	<0.1	0.5	<0.1						
Chrysene (Fresh)	mg/kg	<0.1	<0.1	0.5	<0.1						
Benzo[b]fluoranthene (Fresh)	mg/kg	<0.1	<0.1	0.4	<0.1						
Benzo[k]fluoranthene (Fresh)	mg/kg	<0.1	<0.1	0.4	<0.1						
Benzo[a]pyrene (Fresh)	mg/kg	<0.1	<0.1	0.5	<0.1						
Indeno[1,2,3-cd]pyrene (Fresh)	mg/kg	<0.1	<0.1	0.5	<0.1						
Dibenzo[a,h]anthracene (Fresh)	mg/kg	<0.1	<0.1	0.4	<0.1						
Benzo[g,h,i]perylene (Fresh)	mg/kg	<0.1	<0.1	0.5	<0.1						



ANALYTICAL NOTES				
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Notes				
Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on a dry matter basis unless otherwise stipulated.			
Document Control	This test report shall not be reproduced, except in full, without the written approval of the laboratory.			
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