



Daniel Shanks
Earth Environmental & Geotechnical Ltd
Houldsworth Mill Business Centre
Houldsworth Street
Reddish
Stockport
Cheshire
SK5 6DA

Derwentside Environmental Testing Services Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 22-03433

Site Reference: Kinsley Road

Project / Job Ref: A3939

Order No: A3939

Sample Receipt Date: 14/04/2022

Sample Scheduled Date: 14/04/2022

Report Issue Number: 1

Reporting Date: 26/04/2022

Authorised by:

Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.

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DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Volatile Organic Compounds (VOC)						
DETS Report No: 22-03433	Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Earth Environmental & Geotechnical Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Kingsley Road	TP / BH No	Sample 1 (WS08)	Sample 2 (WS08)	Sample 3 (WS08)	Sample 4	Sample 5
Project / Job Ref: A3939	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: A3939	Depth (m)	0.60	0.60	0.60	0.40	0.50
Reporting Date: 26/04/2022	DETS Sample No	594590	594591	594592	594593	594594

Determinand	Unit	RL	Accreditation					
Dichlorodifluoromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Chloromethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Chloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromomethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Trichlorofluoromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
MTBE ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
2,2-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Chloroform ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromochloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1-Dichloropropene ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Carbon Tetrachloride ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Benzene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Trichloroethene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Dibromomethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
TAME ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Toluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
1,3-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene ⁽⁵⁾	ug/kg	< 5	MCERTS	20	< 5	< 5	31	< 5
Dibromochloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Chlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,1,2-Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Ethyl Benzene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
m,p-Xylene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
o-Xylene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Styrene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromoform ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Isopropylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
n-Propylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
2-Chlorotoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,3,5-Trimethylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
4-Chlorotoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
tert-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2,4-Trimethylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
sec-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
p-Isopropyltoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Hexachlorobutadiene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



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DETS Report No: 22-03433	Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Earth Environmental & Geotechnical Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Kingsley Road	TP / BH No	Sample 6	Sample 7	Sample 8 (WS06)	Sample 9 (WS06)	Sample 10 (WS06)
Project / Job Ref: A3939	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: A3939	Depth (m)	0.60	0.50	0.50	0.50	0.50
Reporting Date: 26/04/2022	DETS Sample No	594595	594596	594597	594598	594599

Determinand	Unit	RL	Accreditation	(n)				
Dichlorodifluoromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Vinyl Chloride ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Chloromethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Chloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromomethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Trichlorofluoromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
MTBE ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
2,2-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Chloroform ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromochloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1-Dichloropropene ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Carbon Tetrachloride ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Benzene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Trichloroethene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Dibromomethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
TAME ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Toluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
1,3-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene ⁽⁵⁾	ug/kg	< 5	MCERTS	30	10	< 5	30	290
Dibromochloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Chlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,1,2-Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Ethyl Benzene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
m,p-Xylene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
o-Xylene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Styrene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromoform ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Isopropylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
n-Propylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Bromobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
2-Chlorotoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,3,5-Trimethylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
4-Chlorotoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
tert-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2,4-Trimethylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
sec-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
p-Isopropyltoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Hexachlorobutadiene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5



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Soil Analysis Certificate - Volatile Organic Compounds (VOC)						
DETS Report No: 22-03433	Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Earth Environmental & Geotechnical Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Kingsley Road	TP / BH No	Sample 11 (WS06)	Sample 12 (WS04)	Sample 13 (WS04)	Sample 14 (WS04)	Sample 15 (WS04)
Project / Job Ref: A3939	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: A3939	Depth (m)	0.50	0.25	0.25	0.25	0.25
Reporting Date: 26/04/2022	DETS Sample No	594600	594601	594602	594603	594604

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)
Dichlorodifluoromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Vinyl Chloride ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Chloromethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10
Chloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Bromomethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10
Trichlorofluoromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,1-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
MTBE ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
trans-1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	20	40
1,1-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
cis-1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	270	130
2,2-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Chloroform ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Bromochloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,1,1-Trichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,1-Dichloropropene ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10
Carbon Tetrachloride ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,2-Dichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Benzene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2
1,2-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Trichloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	30	20
Bromodichloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Dibromomethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
TAME ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
cis-1,3-Dichloropropene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Toluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
trans-1,3-Dichloropropene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,1,2-Trichloroethane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10
1,3-Dichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	60	< 5	140
Dibromochloromethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,2-Dibromoethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Chlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,1,1,2-Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Ethyl Benzene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2
m,p-Xylene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2
o-Xylene ⁽⁵⁾	ug/kg	< 2	MCERTS	< 2	< 2	< 2
Styrene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Bromoform ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10
Isopropylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,2,3-Trichloropropane ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
n-Propylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
Bromobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
2-Chlorotoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,3,5-Trimethylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
4-Chlorotoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
tert-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,2,4-Trimethylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
sec-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
p-Isopropyltoluene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,3-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,4-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
n-Butylbenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,2-Dichlorobenzene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane ⁽⁵⁾	ug/kg	< 10	MCERTS	< 10	< 10	< 10
Hexachlorobutadiene ⁽⁵⁾	ug/kg	< 5	MCERTS	< 5	< 5	< 5



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Soil Analysis Certificate - Semi Volatile Organic Compounds (SVOC)						
DETS Report No: 22-03433	Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Earth Environmental & Geotechnical Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Kingsley Road	TP / BH No	Sample 1 (WS08)	Sample 2 (WS08)	Sample 3 (WS08)	Sample 4	Sample 5
Project / Job Ref: A3939	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: A3939	Depth (m)	0.60	0.60	0.60	0.40	0.50
Reporting Date: 26/04/2022	DETS Sample No	594590	594591	594592	594593	594594

Determinand	Unit	RL	Accreditation					
Phenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2,4-Trichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Nitrophenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nitrobenzene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
0-Cresol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
bis(2-chloroethoxy)methane ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
bis(2-chloroethyl)ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4-Dichlorophenol ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chlorophenol ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,3-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4-Dimethylphenol ⁽⁵⁾	mg/kg	< 0.15	ISO17025	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Isophorone ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachloroethane ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
p-Cresol ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2,4,6-Trichlorophenol ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylnaphthalene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	0.3	< 0.1	< 0.1	< 0.1	0.2
Hexachlorocyclopentadiene ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethyl phthalate ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloroaniline ⁽⁵⁾	mg/kg	< 0.15	NONE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4-Nitrophenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chlorophenyl phenyl ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
3-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	0.1
4-Bromophenyl phenyl ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobenzene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4-Dinitrotoluene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Diethyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenzofuran ⁽⁵⁾	mg/kg	< 0.1	MCERTS	0.8	< 0.1	< 0.1	< 0.1	0.2
Azobenzene ⁽⁵⁾	mg/kg	< 0.1	NONE	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibutyl phthalate ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbazole ⁽⁵⁾	mg/kg	< 0.1	ISO17025	0.4	< 0.1	< 0.1	0.1	0.2
bis(2-ethylhexyl)phthalate ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Benzyl butyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	0.1
Di-n-octyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Semi Volatile Organic Compounds (SVOC)						
DETS Report No: 22-03433	Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Earth Environmental & Geotechnical Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Kingsley Road	TP / BH No	Sample 6	Sample 7	Sample 8 (WS06)	Sample 9 (WS06)	Sample 10 (WS06)
Project / Job Ref: A3939	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: A3939	Depth (m)	0.60	0.50	0.50	0.50	0.50
Reporting Date: 26/04/2022	DETS Sample No	594595	594596	594597	594598	594599

Determinand	Unit	RL	Accreditation	(n)				
Phenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2,4-Trichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Nitrophenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nitrobenzene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
O-Cresol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
bis(2-chloroethoxy)methane ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
bis(2-chloroethyl)ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4-Dichlorophenol ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chlorophenol ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,3-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4-Dimethylphenol ⁽⁵⁾	mg/kg	< 0.15	ISO17025	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Isophorone ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachloroethane ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
p-Cresol ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2,4,6-Trichlorophenol ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
2-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylnaphthalene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorocyclopentadiene ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethyl phthalate ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloroaniline ⁽⁵⁾	mg/kg	< 0.15	NONE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
4-Nitrophenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chlorophenyl phenyl ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
3-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Bromophenyl phenyl ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobenzene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4-Dinitrotoluene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Diethyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenzofuran ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Azobenzene ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibutyl phthalate ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	0.5	< 0.1	< 0.1
Carbazole ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	0.1	< 0.1	< 0.1
bis(2-ethylhexyl)phthalate ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	0.20	< 0.15	< 0.15
Benzyl butyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Di-n-octyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Semi Volatile Organic Compounds (SVOC)						
DETS Report No: 22-03433	Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Earth Environmental & Geotechnical Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Kingsley Road	TP / BH No	Sample 11 (WS06)	Sample 12 (WS04)	Sample 13 (WS04)	Sample 14 (WS04)	Sample 15 (WS04)
Project / Job Ref: A3939	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: A3939	Depth (m)	0.50	0.25	0.25	0.25	0.25
Reporting Date: 26/04/2022	DETS Sample No	594600	594601	594602	594603	594604

Determinand	Unit	RL	Accreditation	(n)	(n)	(n)
Phenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
1,2,4-Trichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1
2-Nitrophenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
Nitrobenzene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
0-Cresol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
bis(2-chloroethoxy)methane ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
bis(2-chloroethyl)ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
2,4-Dichlorophenol ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
2-Chlorophenol ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1
1,3-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1
1,2-Dichlorobenzene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1
2,4-Dimethylphenol ⁽⁵⁾	mg/kg	< 0.15	ISO17025	< 0.15	< 0.15	< 0.15
Isophorone ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
Hexachloroethane ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
p-Cresol ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15
2,4,6-Trichlorophenol ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol ⁽⁵⁾	mg/kg	< 0.15	MCERTS	< 0.15	< 0.15	< 0.15
2-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
2-Methylnaphthalene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Hexachlorocyclopentadiene ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene ⁽⁵⁾	mg/kg	< 0.1	ISO17025	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Dimethyl phthalate ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
4-Chloroaniline ⁽⁵⁾	mg/kg	< 0.15	NONE	< 0.15	< 0.15	< 0.15
4-Nitrophenol ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
4-Chlorophenyl phenyl ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
3-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
4-Nitroaniline ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
4-Bromophenyl phenyl ether ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Hexachlorobenzene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
2,4-Dinitrotoluene ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Diethyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Dibenzofuran ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1
Azobenzene ⁽⁵⁾	mg/kg	< 0.1	NONE	< 0.1	< 0.1	< 0.1
Dibutyl phthalate ⁽⁵⁾	mg/kg	< 0.1	ISO17025	0.1	< 0.1	< 0.1
Carbazole ⁽⁵⁾	mg/kg	< 0.1	ISO17025	0.1	< 0.1	< 0.1
bis(2-ethylhexyl)phthalate ⁽⁵⁾	mg/kg	< 0.15	MCERTS	0.30	< 0.15	< 0.15
Benzyl butyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	0.1	< 0.1	< 0.1
Di-n-octyl phthalate ⁽⁵⁾	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Sample Descriptions	
DETS Report No: 22-03433	
Earth Environmental & Geotechnical Ltd	
Site Reference: Kingsley Road	
Project / Job Ref: A3939	
Order No: A3939	
Reporting Date: 26/04/2022	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
594590	Sample 1 (WS08)	None Supplied	0.60	15.9	Brown sandy clay with stones
594591	Sample 2 (WS08)	None Supplied	0.60	14.5	Brown sandy clay with stones
594592	Sample 3 (WS08)	None Supplied	0.60	11.8	Brown sandy clay with stones
594593	Sample 4	None Supplied	0.40	8.6	Brown sandy clay with stones
594594	Sample 5	None Supplied	0.50	16.1	Brown gravelly sand with stones and concrete
594595	Sample 6	None Supplied	0.60	19.6	Brown sandy clay
594596	Sample 7	None Supplied	0.50	9.8	Brown sandy clay with stones
594597	Sample 8 (WS06)	None Supplied	0.50	11.2	Brown sandy clay with stones
594598	Sample 9 (WS06)	None Supplied	0.50	16.7	Brown gravelly sand with stones and concrete
594599	Sample 10 (WS06)	None Supplied	0.50	14.6	Black sandy gravel with stones and concrete
594600	Sample 11 (WS06)	None Supplied	0.50	14.2	Brown sandy gravel with stones and concrete
594601	Sample 12 (WS04)	None Supplied	0.25	16.1	Brown sandy clay with stones and brick
594602	Sample 13 (WS04)	None Supplied	0.25	14.1	Brown sandy gravel with stones
594603	Sample 14 (WS04)	None Supplied	0.25	18.6	Black sandy gravel with stones and brick
594604	Sample 15 (WS04)	None Supplied	0.25	17.5	Black sandy clay with stones and brick

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample ^{1/5}

Unsuitable Sample ^{4/5}



DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 22-03433

Earth Environmental & Geotechnical Ltd

Site Reference: Kingsley Road

Project / Job Ref: A3939

Order No: A3939

Reporting Date: 26/04/2022

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphénylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	Fraction Organic Carbon (FOC)	Determination of TOC by combustion analyser.	E027
Soil	D	Organic Matter (SOM)	Determination of TOC by combustion analyser.	E027
Soil	D	TOC (Total Organic Carbon)	Determination of TOC by combustion analyser.	E027
Soil	AR	Exchangeable Ammonium	Determination of ammonium by discrete analyser.	E029
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received