

Appendix 7: Material Tracking Sheets

Material Tracking Record

Site Name	Job Number	Site Manager
Every Street	LKR221029	Colin Wright

Material unique identification	Quantity (m³)	Source location	Type of material	Reason for movement	Date excavated/surveyed	Date sampled	Sample id/ids	Fate/placement	Date of final movement
Wood 1 Wood 2 Wood 3 Wood 4	TBC	H1, I1:8, A8:I8, A3:A8, B2:E2	Wood	Waste generated when riddling made ground	Ongoing until 09/11/22	N/A	N/A	Steptoes Yard	20/10/22 25/10/22 01/11/22 09/11/22
General Waste 1	TBC	Whole Site	Site Generated Genral Waste	Throughout job up to 15/12/22	N/A	N/A	N/A	Steptoes Yard	09/11/22 15/12/22
Non Haz Stockpile 1	300m2	i1:i4	Riddled Non Haz Granular Soils	Surplus Material	22/11/22 - 23/11/22	Previous LK Trial Pit	TBC	Fletcher Bank via Mahers	22/11/22 - 23/11/22
Haz Hotspot 1	8.5m2	d2	Haz Soils - TP503	Haz soils disposal	14/11/22	07/11/22 07/11/22 - Chemtest	N/A TP503a-e	Provectus Soils Management, Maw Green, CW1 5NG	14/11/22
Haz Hotspot 2	17m2	I5	Haz Soils - TP512	Haz soils disposal	14/11/22	07/11/22 07/11/22 - Chemtest	N/A TP512a-e	Provectus Soils Management, Maw Green, CW1 5NG	14/11/22
Non Haz Stockpile 2	800m3	G7:i8	Riddled Non Haz Granular Soils	Surplus Material	22/11/22 - 23/11/22	Previous LK Trial Pit	N/A	Fletcher Bank via Mahers	Fletcher Bank via Mahers
Non Haz Stockpile 3	120m3	A3:a8	Riddled Non Haz Granular Soils	Surplus Material	22/11/22 - 23/11/22	Previous LK Trial Pit	N/A	Fletcher Bank via Mahers	Fletcher Bank via Mahers
Non Haz Stockpile 3	50m3	B2:c2	Riddled Non Haz Granular Soils	Surplus Material	22/11/22 - 23/11/22	Previous LK Trial Pit	N/A	Fletcher Bank via Mahers	Fletcher Bank via Mahers
Oversize Stockpile 1		E3:D5	Oversize	Removing oversize from beneath ground and generating 6f2	Since start	None yet	N/A	Various plots across site	Crushed into roads and plors
Tarmac	45m3	Site wide under former plots	Tarmac Red/Black	Turnover	18/11/22	18/11/22 18/11/22	TM01 TM02	Mixed in with crush at appropriate ration	Remained on site in roads

Vegetation Stockpile 01	102m3	Whole Site	Vegetation from gardens, and scrub land	To stockpile for disposal, cannot be reused on site	From start until 05/12/22	N/A	N/A	Fletcher Bank via Mahers	05/12/22
Metal Skip	TBC	Site Wide	Scrap Metal	Generated from site turnover	Start of job until 08/12/22	N/A	N/A	Steptoes Yard	08/12/22
MOT		Whole Site	MOT from underneath existing hardstanding	Stockpile for reuse	Throughout job	22/12/22	CR05	Placed across whole site under drives, gardens, static bases. Suitable for use as 150mm layer subsoil in gardens	
General Waste 2	TBC	Whole Site	Site Generated Genral Waste	Waste not to be left on site	N/A	N/A	N/A	Steptoes Yard	15/12/22
Western Stockpile Subsoil Council	602m3 (408m3 once stockpile split)	D6:7 to H6:7	Natural Sandy Subsoil	Stockpiled for use as subsoil in garden areas	15/12/22	22/12/22	SS01 - SS07	A5:B5	15/12/22
Eastern Stockpile Subsoil Council	194m3	A5:B5	Natural Sandy Subsoil	Stockpiled for use as subsoil in garden areas	15/12/22	16/01/23 - 18/01/23	SS01 - SS07	H5:I5	18/01/23
Oversize Surplus	16	Site wide	Site generated oversize	Remediation, not cost effective to return crusher	19/12/22 - 12/01/23	N/A	N/A	Steptoes Yard	12/01/23
Haz Hotspot 3	17m2	d2	Haz Soils – TP503 Additional Haz soils and cobble sets	06/01/23	07/11/22 22/12/22 - DETS	N/A TP503a-e	14/11/22	Provectus Soils Management, Maw Green, CW1 5NG	06/01/23
Non Haz Stockpile 4	156m3 179m3	B6:7 to I6:7	Riddled Non Haz Granular Soils	Surplus Material	04/01/23	Previous SI	N/A	Fletcher Bank via Mahers	04/01/23 13/01/23
Coal Tar	25m3	C:4	Soil lumps of coal tar and fragments	Hazardous	14/12/22	02/02/23	CT01	Stockpiled in F1 awaiting decision on destination.	TBC
Non Haz	226m3	Site Wide	Riddled Non Haz Granular Soils	Surplus Material to site	12/01/23 - 16/01/23	N/A	N/A	Fletcher Bank	16/01/23

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Appendix 8 : Material Export Summary

DATE	HAULIER	REG #	TICKET #	VEGETATION	NON-HAZ	HAZARDOUS	TIMBER	METAL	GENERAL	OVERSIZE
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DATE	HAULIER	REG #	TICKET #	VEGETATION	NON-HAZ	HAZARDOUS	TIMBER	METAL	GENERAL	OVERSIZE
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0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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DATE	HAULIER	REG #	TICKET #	VEGETATION	NON-HAZ	HAZARDOUS	TIMBER	METAL	GENERAL	OVERSIZE
08/12/2022	Step toe's Yard							1		
15/12/2022	Step toe's Yard								1	
19/12/2022	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
20/12/2022	Step toe's Yard									1
	Step toe's Yard									1
04/01/2023	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
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	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
06/01/2023	Clwyd Transport					1				
	Clwyd Transport					1				
	Clwyd Transport					1				
	Clwyd Transport					1				
	Clwyd Transport					1				
12/01/2023	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
	Step toe's Yard									1
13/01/2023	Maher				1					
	Maher				1					
	Maher				1					
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	Maher				1					
16/01/2023	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
	Maher				1					
02/02/2023	Maher				1					
	Maher				1					
	Maher				1					

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Appendix 9: Generic Assessment Criteria

Category 4 Screening Levels (C4SL)

Substance	Residential (with home- grown produce)	Residential (without home- grown produce)	Allotments	Commercial	Public Open Space 1	Public Open Space 2
Arsenic	37 mg/kg	40 mg/kg	49 mg/kg	640 mg/kg	79 mg/kg	168 mg/kg
Benzene	0.87 mg/kg	3.3 mg/kg	0.18 mg/kg	98 mg/kg	140 mg/kg	230 mg/kg
Benzo(a)pyrene	5 mg/kg	5.3 mg/kg	5.7 mg/kg	76 mg/kg	10 mg/kg	21 mg/kg
Cadmium	26 mg/kg	149 mg/kg	4.9 mg/kg	410 mg/kg	220 mg/kg	880 mg/kg
Chromium VI	21 mg/kg	21 mg/kg	170 mg/kg	49 mg/kg	23 mg/kg	250 mg/kg
Lead	200 mg/kg	310 mg/kg	80 mg/kg	2330 mg/kg	630 mg/kg	1300 mg/kg

Summary Table for the Generic Assessment Criteria for Human Health Risk Assessment Land Quality Management (LQM) S4ULs.

All GAC are based on sandy loam soils with a pH 7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Metals	Inorganic Arsenic	6%	37	40	43	640	79	170
	Beryllium	6%	1.7	1.7	35	12	2.2	63
	Boron	6%	290	11,000	45	240,000	21,000	46,000
	Cadmium	6%	11	85	1.9	190	120	532
	Chromium (III)	6%	910	910	18,000	8,600	1,500	33,000
	Chromium (VI)	6%	6.0	6.0	1.8	33	7.7	220
	Copper	6%	2,400	7,100	520	68,000	12,000	44,000
	Elemental Mercury	6%	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}
	Inorganic Mercury	6%	40	56	19	1,100	120	240
	Methylmercury	6%	11	15	6.0	320	40	68
	Nickel	6%	180	180	230	980	230	3,400
	Selenium	6%	250	430	88	12,000	1,100	1,800
	Vanadium	6%	410	1,200	91	9,000	2,000	5,000
Zinc	6%	3,700	40,000	620	730,000	81,000	170,000	
BTEX Compounds	Benzene	1%	0.087	0.38	0.017	27	72	90
		2.5%	0.17	0.70	0.034	47	72	100
		6%	0.37	1.4	0.075	90	73	110
	Toluene	1%	130	880 (869) ^{vap}	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
		2.5%	290	1,900	51	110,000 (1,920) ^{vap}	56,000	95,000 (1,920) ^{vap}
		6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
	Ethylbenzene	1%	47	83	16	5,700 (518) ^{vap}	24,000	17,000 (518) ^{vap}
		2.5%	110	190	39	13,000 (1,220) ^{vap}	24,000	22,000 (1,220) ^{vap}
		6%	260	440	91	27,000 (2,840) ^{vap}	25,000	27,000 (2,840) ^{vap}
	o-xylene	1%	60	88	28	6,600 (478) ^{sol}	41,000	17,000 (478) ^{sol}
		2.5%	140	210	67	15,000 (1,120) ^{sol}	42,000	24,000 (1,120) ^{sol}
		6%	330	480	160	33,000 (2,620) ^{sol}	43,000	33,000 (2,620) ^{sol}
	m-xylene	1%	59	82	31	6,200 (625) ^{vap}	41,000	17,000 (625) ^{vap}
		2.5%	140	190	74	14,000 (1,470) ^{vap}	42,000	24,000 (1,470) ^{vap}
		6%	320	450	170	31,000 (3,460) ^{vap}	43,000	32,000 (3,460) ^{vap}
	p-xylene	1%	56	79	29	5,900 (576) ^{sol}	41,000	17,000 (576) ^{sol}
		2.5%	130	180	69	14,000 (1,350) ^{sol}	42,000	23,000 (1,350) ^{sol}
		6%	310	430	160	30,000 (3,170) ^{sol}	43,000	31,000 (3,170) ^{sol}

NOTES

^{sol/vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000
		2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000
		6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000
	Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000
		2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000
		6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000
	Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000
		2.5%	5,400	35,000	950	540,000	74,000	150,000
		6%	11,000	37,000	2,200	540,000	74,000	150,000
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49
		2.5%	11	14	6.5	170	29	56
		6%	13	15	13	180	29	62
	Benzo(a)pyrene (only)	1%	2.2	3.2	0.97	35	5.7	11
		2.5%	2.7	3.2	2.0	35	5.7	12
		6%	3.0	3.2	3.5	36	5.7	13
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13
		2.5%	3.3	4.0	2.1	44	7.2	15
		6%	3.7	4.0	3.9	45	7.2	16
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400
		2.5%	340	360	470	4,000	640	1,500
		6%	350	360	640	4,000	640	1,600
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370
		2.5%	93	110	75	1,200	190	410
		6%	100	110	130	1,200	190	440
	Chrysene	1%	15	30	4.1	350	57	93
		2.5%	22	31	9.4	350	57	110
		6%	27	32	19	350	57	120
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3
		6%	0.3	0.32	0.43	3.6	0.58	1.4
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300
		2.5%	560	1,600	130	23,000	3,100	6,300
		6%	890	1,600	290	23,000	3,100	6,400
	Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000
		2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000
		6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150
		2.5%	36	46	21	510	82	170
		6%	41	46	39	510	82	180
	Naphthalene	1%	2.3 ^f	2.3 ^f	4.1 ^f	190 ^f (76.4) ^{sol}	4,900 ^f	1,200 ^f (76.4) ^{sol}
		2.5%	5.6 ^f	5.6 ^f	10 ^f	460 ^f (183) ^{sol}	4,900 ^f	1,900 ^f (183) ^{sol}
		6%	13 ^f	13 ^f	24 ^f	1,100 ^f (432) ^{sol}	4,900 ^f	3,000
	Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200
		2.5%	220	1,500	38	22,000	3,100	6,200
		6%	440	1,500	90	22,000	3,100	6,300
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000
		2.5%	1,200	3,800	270	54,000	7,400	15,000
		6%	2,000	3,800	620	54,000	7,400	15,000
Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	
	2.5%	0.98	1.2	0.67	15	2.2	4.7	
	6%	1.1	1.2	1.2	15	2.2	4.8	

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^f = naphthalene is based on comparison of inhalation exposure with TDI_{inhal} for localised effect.

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant	SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Aliphatic							
EC 5-6	1%	42	42	730	3,200 (304) ^{sol}	570,000(304) ^{sol}	95,000 (304) ^{sol}
EC>6-8	1%	100	100	2,300	7,800 (144) ^{sol}	600,000	150,000 (144) ^{sol}
EC>8-10	1%	27	27	320	2,000 (78) ^{sol}	13,000	14,000 (78) ^{vap}
EC>10-12	1%	130 (48) ^{vap}	130 (48) ^{vap}	2,200	9,700 (48) ^{sol}	13,000	21,000 (48) ^{vap}
EC>12-16	1%	1,100 (24) ^{sol}	1,100 (24) ^{sol}	11,000	59,000 (24) ^{sol}	13,000	25,000 (24) ^{sol}
EC>16-35	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
EC>35-44	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
Aliphatic							
EC 5-6	2.5%	78	78	1,700	5,900 (558) ^{sol}	590,000	130,000 (558) ^{sol}
EC>6-8	2.5%	230	230	5,600	17,000 (322) ^{sol}	610,000	220,000 (322) ^{sol}
EC>8-10	2.5%	65	65	770	4,800 (190) ^{vap}	13,000	18,000 (190) ^{vap}
EC>10-12	2.5%	330 (118) ^{vap}	330 (118) ^{vap}	4,400	23,000 (118) ^{vap}	13,000	23,000 (118) ^{vap}
EC>12-16	2.5%	2,400 (59) ^{sol}	2,400 (59) ^{sol}	13,000	82,000 (59) ^{sol}	13,000	25,000 (59) ^{sol}
EC>16-35	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
EC>35-44	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
Aliphatic							
EC 5-6	6%	160	160	3,900	12,000 (1,150) ^{sol}	600,000	180,000 (1,150) ^{sol}
EC>6-8	6%	530	530	13,000	40,000 (736) ^{sol}	620,000	320,000 (736) ^{sol}
EC>8-10	6%	150	150	1,700	11,000 (451) ^{vap}	13,000	21,000 (451) ^{vap}
EC>10-12	6%	760 (283) ^{vap}	760 (283) ^{vap}	7,300	47,000 (283) ^{vap}	13,000	24,000 (283) ^{vap}
EC>12-16	6%	4,300 (142) ^{sol}	4,400 (142) ^{sol}	13,000	90,000 (142) ^{sol}	13,000	26,000 (142) ^{sol}
EC>16-35	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
EC>35-44	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
Aromatic							
EC5-7(benzene as non-threshold)	1%	70	370	13	26,000 (1,220) ^{sol}	56,000	76,000 (1,220) ^{sol}
EC>7-8(toluene)	1%	130	860	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
EC>8-10	1%	34	47	8.6	3,500 (613) ^{vap}	5,000	7,200 (613) ^{vap}
EC>10-12	1%	74	250	13	16,000 (364) ^{sol}	5,000	9,200 (364) ^{sol}
EC>12-16	1%	140	1,800	23	36,000 (169) ^{sol}	5,100	10,000
EC>16-21	1%	260 ^f	1,900 ^f	46 ^f	28,000 ^f	3,800 ^f	7,600 ^f
EC>21-35	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	2.5%	140	690	27	46,000 (2,260) ^{sol}	56,000	84,000 (2,260) ^{sol}
EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) ^{sol}	56,000	95,000 (1,920) ^{sol}
EC>8-10	2.5%	83	110	21	8,100 (1,500) ^{vap}	5,000	8,500 (1,500) ^{vap}
EC>10-12	2.5%	180	590	31	28,000 (899) ^{sol}	5,000	9,700 (899) ^{sol}
EC>12-16	2.5%	330	2,300 (419) ^{sol}	57	37,000	5,100	10,000
EC>16-21	2.5%	540 ^f	1,900 ^f	110 ^f	28,000 ^f	3,800 ^f	7,700 ^f
EC>21-35	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	6%	300	1,400	57	86,000 (4,710) ^{sol}	56,000	92,000 (4,710) ^{sol}
EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
EC>8-10	6%	190	270	51	17,000 (3,580) ^{vap}	5,000	9,300 (3,580) ^{vap}
EC>10-12	6%	380	1,200	4	34,000 (2,150) ^{sol}	5,000	10,000
EC>12-16	6%	660	2,500	130	38,000	5,100	10,000
EC>16-21	6%	930 ^f	1,900 ^f	260 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>21-35	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
EC>35-44	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
Aliphatic	1%	1,600 ^f	1,900 ^f	1,200 ^f	28,000 ^f	3,800 ^f	7,800 ^f
+Aromatic	2.5%	1,800 ^f	1,900 ^f	2,100 ^f	28,000 ^f	3,800 ^f	7,800 ^f
>EC44	6%	1,900 ^f	1,900 ^f	3,000 ^f	28,000 ^f	3,800 ^f	7,900 ^f

NOTES

Sol / vap = solubility / vapour limit (potentially use if free product identified, although highly conservative).

f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

		LQM Generic Assessment Criteria (mg/kg) Dry weight soil						
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	7.1E-03	9.2E-03	4.6E-03	0.67	29	21
		2.5%	1.1E-02	1.3E-02	8.3E-03	0.97	29	24
		6%	1.9E-02	2.3E-02	1.6E-02	1.7	29	28
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}
		6%	39	40	240	3,000	140,000	100,000 (6,392) ^{vap}
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800
		2.5%	3.4	8.0	0.89	550	1,400	2,100
		6%	7.5	17	2.0	1,100	1,400	2,300
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500
		2.5%	2.8	3.5	1.9	250	1,400	1,800
		6%	6.4	8.2	4.4	560	1,400	2,100
	Tetrachloroethene (PCE)	1%	0.18	0.18	0.65	19	1,400	810 (424) ^{sol}
		2.5%	0.39	0.40	1.5	42	1,400	1,100 (951) ^{sol}
		6%	0.90	0.92	3.6	95	1,400	1,500
	Tetrachloromethane (carbon tetrachloride)	1%	2.6E-02	2.6E-02	0.45	2.9	890	190
		2.5%	5.6E-02	5.6E-02	1.0	6.3	920	270
		6%	0.13	0.13	2.4	14	950	400
	Trichloroethene (TCE)	1%	1.6E-02	1.7E-02	4.1E-02	1.2	120	70
		2.5%	3.4E-02	3.6E-02	9.1E-02	2.6	120	91
		6%	7.5E-02	8.0E-02	0.21	5.7	120	120
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600
		2.5%	1.7	2.1	0.83	170	2,500	2,800
		6%	3.4	4.2	1.7	350	2,500	3,100
	Chloroethene (vinyl chloride)	1%	6.4E-04	7.7E-04	5.5E-04	5.9E-02	3.5	4.8
		2.5%	8.7E-04	1.0E-03	1.0E-03	7.7E-02	3.5	5.0
		6%	1.4E-03	1.5E-03	1.8E-03	0.12	3.5	5.4
	2,4,6-Trinitrotoluene (TNT)	1%	1.6	65	0.24	1,000	130	260
		2.5%	3.7	66	0.58	1,000	130	270
		6%	8.1	66	1.4	1,000	130	270
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}
		2.5%	250	13,000	38	210,000	26,000	51,000
		6%	540	13,000	85	210,000	27,000	53,000
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30
		2.5%	6.6	7.4	6.1	170	18	31
		6%	7.1	7.5	9.8	170	18	31
	Dieldrin	1%	0.97	7.0	0.17	170	18	30
		2.5%	2.0	7.3	0.41	170	18	30
		6%	3.5	7.4	0.96	170	18	31
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300
		2.5%	7.8	620	1.2	9,400	1,200	2,400
		6%	17.4	620	2.7	9,400	1,200	2,400
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26
		6%	0.14	6.6	2.2E-02	140	16	27
	Endosulfans (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15
		2.5%	0.2	3.8	3.2E-02	65	8.1	15
		6%	0.46	3.8	7.7E-02	65	8.1	16

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

All GAC are based on
sandy loam soils with a pH
7.

		LQM Generic Assessment Criteria (mg/kg) Dry weight soil						
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}
		6%	2.4	2.4	32	290	14,000	2,900
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190
		6%	22	38	7.0	830	100	190
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 ^g	94	0.13 ^g	3,500	620	1,100
		2.5%	2.0	150	0.30	4,000	620	1,100
		6%	4.5	210	0.70	4,300	620	1,100
	Pentachlorophenol	1%	0.22	27 (16.4) ^{vap}	3.0E-02	400	60	110
		2.5%	0.52	29	8.0E-02	400	60	120
		6%	1.2	31	0.19	400	60	120
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300
		2.5%	0.29	0.29	10	22	11,000	1,900
		6%	0.62	0.62	23	47	11,000	2,700
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48
		2.5%	0.7	0.78	0.61	66	25	50
		6%	1.6	1.8	1.4	120	25	51
	Phenol	1%	280	750	66	760 ^{dir} (31,000)	760 ^{dir} (11,000)	760 ^{dir} (8,600)
		2.5%	550	1,300	140	1,500 ^{dir} (35,000)	1,500 ^{dir} (11,000)	1,500 ^{dir} (9,700)
		6%	1,100	2,300	280	3,200 ^{dir} (37,000)	3,200 ^{dir} (11,000)	3,200 ^{dir} (11,000)

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^{dir} = S4uls based on threshold protective of direct skin contact with phenol (brackets long term exposure for illustration purposes).

^g = derived based on 2,3,4,6-tetrachlorophenol.



SCREENING SCENARIO	Residential with plant uptake (1% SOM)	Client Sample ID.:	SS01	SS02	SS03	SS04	SS05	SS06	
		Strata:							
		Top Depth (m):	Stockpile	Stockpile	Stockpile	Stockpile	Stockpile	Stockpile	
		Bottom Depth (m):							
	Determinand	Units	GAC						
ASBESTOS	ACM Type	mg/kg		Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
	Asbestos Identification	mg/kg		n/a	n/a	n/a	n/a	n/a	n/a
	Moisture	mg/kg		12.1	10.5	14.6	14.6	12.7	12.1
	Soil Colour	mg/kg							
	Other Material	mg/kg							
SOIL PROPERTIES	Soil Texture	mg/kg		Brown sandy clay with stones	Brown sandy clay with stones	Brown sandy clay with stones	Brown sandy clay	Brown sandy clay with stones	Brown sandy clay
	Chromatogram (TPH)	mg/kg							
	pH	mg/kg		8.0	7.9	7.8	7.7	7.5	7.5
	Boron (Hot Water Soluble)	mg/kg	290.0						
NON_METALS	Sulphate (2:1 Water Soluble) as SO4	g/l		0.02	0.03	0.01	0.02	0.01	0.01
	Cyanide (Free)	mg/kg	26.0						
	Cyanide (Total)	mg/kg							
METALS	Arsenic	mg/kg	37.0	4	4	5	5	4	4
	Cadmium	mg/kg	22.0	< 0.2	< 0.2	0.2	< 0.2	0.2	0.2
	Chromium	mg/kg	910.0	10	9	11	12	10	12
	Copper	mg/kg	2400.0	16	15	19	19	16	16
	Mercury	mg/kg	40.0	< 1	< 1	< 1	< 1	< 1	< 1
	Nickel	mg/kg	180.0	13	12	15	16	14	17
	Lead	mg/kg	200.0	14	12	15	16	14	17
	Selenium	mg/kg	250.0	< 3	< 3	< 3	< 3	< 3	< 3
	Vanadium	mg/kg	410.0	12	11	14	14	12	13
	Zinc	mg/kg	3700.0	48	45	57	52	49	50
	Chromium (Hexavalent)	mg/kg	21.0	< 2	< 2	< 2	< 2	< 2	< 2
	Naphthalene	mg/kg	2.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Acenaphthylene	mg/kg	170.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Acenaphthene	mg/kg	210.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Fluorene	mg/kg	170.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Phenanthrene	mg/kg	95.0	0.18	< 0.1	0.14	< 0.1	< 0.1	< 0.1
	Anthracene	mg/kg	2400.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Fluoranthene	mg/kg	280.0	0.24	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Pyrene	mg/kg	620.0	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Benzo[a]anthracene	mg/kg	7.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Chrysene	mg/kg	15.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Benzo[b]fluoranthene	mg/kg	2.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Benzo[k]fluoranthene	mg/kg	77.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Benzo[a]pyrene	mg/kg	5.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Indeno(1,2,3-c,d)Pyrene	mg/kg	27.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Dibenz(a,h)Anthracene	mg/kg	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Benzo[g,h,i]perylene	mg/kg	320.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1.6
	Total Of 16 PAH's	mg/kg		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6

SCREENING SCENARIO	Residential without plant uptake (2.5% SOM)		Client Sample ID.:	CR05	CR06	CR07	CR08
			Strata:				
			Top Depth (m):				
			Bottom Depth (m):				

Appendix 10 : Selection of Progress Photographs



Figure 1 : 19/10/22 – Timber being segregated



Figure 2 : 24/10/22 – Excavator with selector grab segregating demolition material into separate waste streams



Figure 3 : 25/10/22 – Reinforced access gates displaying appropriate site safety signage



Figure 4 : 27/10/22 - Excavator demolishing/segregating materials from central building



Figure 5: 31/10/22 – Ongoing demolition and disposal of segregated waste streams



Figure 6: 26/10/22 – Openreach engineers on site disconnecting remaining services



Figure 7: 3/11/22 – Vegetation scrape and segregation of green waste



Figure 8: 4/11/22 – Stockpile management/removal of contamination hotspot (TP503) ahead of delineation



Figure 9: 4/11/22 – TP503 stockpiled on hardstanding ahead of removal from site to a licensed landfill facility



Figure 10: 4/11/22 – TP512 stockpiled on hardstanding ahead of removal from site to a licensed landfill



Figure 11 : 8/11/22 – Riddling material from perimeter bund to remove oversize for subsequent processing



Figure 12 : 9/11/22 – Riddling perimeter bund material and separating waste into individual streams



Figure 13 : 9/11/22 – Stockpile management; riddling of bunds to remove oversize material for processing



Figure 14 : 9/11/22 – Openreach engineers return to site to remove redundant telephone poles



Figure 15 : 10/11/22 – Separating waste from oversize

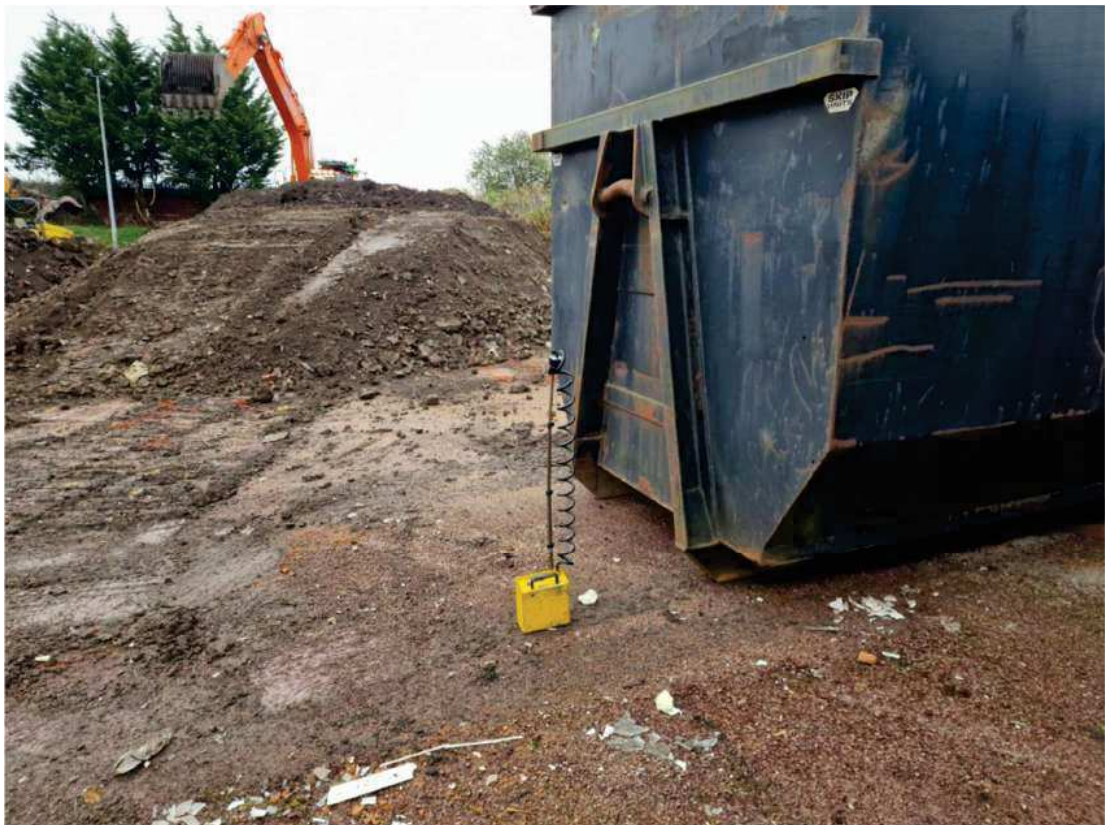


Figure 16 : 10/11/22 & 11/11/22 – Background (reassurance) air monitoring in progress around site boundary during riddling activities



Figure 17: 15/11/22 – Utilising hydraulic breaker to process larger pieces of oversize ahead of crushing



Figure 18: 15/11/22 – Loading contaminated (hazardous) soils into 8WT for disposal at Provectus in Crewe



Figure 19: 16/11/22 – Oversize stockpile management



Figure 20: 16/11/22 – Waste from perimtere of site being hand-loaded into excavator bucket for transfer to waste skips



Figure 21 : 17/11/22 – Clearing existing general waste from treeline



Figure 22 : 17/11/22 – Relocating scrap metal skip during operations



Figure 23 : 18/11/22 – Separating vegetation from remaining edge bunds



Figure 24 30/11/22 – Lifting and stripping hardstanding



Figure 25 : 1/12/22 – Lifting and stripping areas of tarmac surfacing



Figure 26 1/12/22 – Crushing stockpiled oversized materials



Figure 27 5/12/22 – Loading green waste/vegetation strip materials for disposal



Figure 28 7/12/22 – Chipping felled trees from eastern boundary



Figure 29 : 7/12/22 – Treefelling works almost complete



Figure 30 : 12/12/22 – Turnover under main access road



Figure 31 : 12/12/22 – Processing perimeter bund in north-east corner



Figure 32 : 13/12/22 – Segregation of materials into stockpiles



Figure 33 : 22/12/22 – Sampling site-won subsoils



Figure 34 : 23/12/22 – Completed excavation for subsoils



Figure 35 : 29/12/22 – PLacement of crush to access road



Figure 36 : 11/01/23 – Delivery of granulated lime for treatment of saturated soils



Figure 37: 12/01/23 – Disposal of last remaining oversized material



Figure 38: 17/01/23 – Using the granulated lime to reduce the free moisture content of fill material



Figure 39 : 17/01/23 – Quarantine of asbestos-cement pipes encountered during final turnover



Figure 40 : 23/01/23 – Double-bagging of asbestos-cement pipes prior to removal from site



Figure 41 : 23/01/23 – Placement of granular fill to plots



Figure 42 : 24/01/23 – Piling rig at work in SE corner of the site



Figure 43 : 24/01/23 – Completed plot in SW of site



Figure 44 : 24/01/23 – Completed plot in NW of site



Figure 45 : 27/01/23 – Lightweight Deflectometer testing on completed pile mat



Figure 46 : 3/02/23 – Stoned-up access and pad for concrete pump (eastern pad)



Figure 47: 3/02/23 – Western stockpile of clean certified subsoil (Stockpile 5)



Figure 48 : 3/02/23 – Eastern stockpile of clean certified subsoil (Stockpile 6)

Appendix 11 : Retained Certified Soils



D Marland
LK Consult Limited
Unit 29 Eton Business Park
Eton Hill Road
Manchester
M26 2ZS

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

DETS Report No: 22-11037

Site Reference: Every Street

Project / Job Ref: LKR 22 1029

Order No: LKR221029/DM

Sample Receipt Date: 23/12/2022

Sample Scheduled Date: 23/12/2022

Report Issue Number: 1

Reporting Date: 09/01/2023

Authorised by:

Dave Ashworth
Technical Manager

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

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.



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



Soil Analysis Certificate						
DETS Report No: 22-11037	Date Sampled	22/12/22	22/12/22	22/12/22	22/12/22	22/12/22
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Every Street	TP / BH No	SS01	SS02	SS03	SS04	SS05
Project / Job Ref: LKR 22 1029	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKR221029/DM	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/01/2023	DETS Sample No	626249	626250	626251	626252	626253

Determinand	Unit	RL	Accreditation					
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
pH	pH Units	N/a	MCERTS	8.0	7.9	7.8	7.7	7.5
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	21	35	14	21	12
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.02	0.03	0.01	0.02	0.01
Arsenic (As)	mg/kg	< 2	MCERTS	4	4	5	5	4
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	0.2	< 0.2	0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	10	9	11	12	10
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	16	15	19	19	16
Lead (Pb)	mg/kg	< 3	MCERTS	14	12	15	16	14
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	13	12	15	16	14
Selenium (Se)	mg/kg	< 2	MCERTS	< 3	< 3	< 3	< 3	< 3
Vanadium (V)	mg/kg	< 1	MCERTS	12	11	14	14	12
Zinc (Zn)	mg/kg	< 3	MCERTS	48	45	57	52	49

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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



Soil Analysis Certificate						
DETS Report No: 22-11037	Date Sampled	22/12/22				
LK Consult Limited	Time Sampled	None Supplied				
Site Reference: Every Street	TP / BH No	SS06				
Project / Job Ref: LKR 22 1029	Additional Refs	None Supplied				
Order No: LKR221029/DM	Depth (m)	None Supplied				
Reporting Date: 09/01/2023	DETS Sample No	626254				

Determinand	Unit	RL	Accreditation				
Asbestos Screen ^(S)	N/a	N/a	ISO17025	Not Detected			
pH	pH Units	N/a	MCERTS	7.5			
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	12			
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.01			
Arsenic (As)	mg/kg	< 2	MCERTS	4			
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.2			
Chromium (Cr)	mg/kg	< 2	MCERTS	12			
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2			
Copper (Cu)	mg/kg	< 4	MCERTS	16			
Lead (Pb)	mg/kg	< 3	MCERTS	17			
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1			
Nickel (Ni)	mg/kg	< 3	MCERTS	17			
Selenium (Se)	mg/kg	< 2	MCERTS	< 3			
Vanadium (V)	mg/kg	< 1	MCERTS	13			
Zinc (Zn)	mg/kg	< 3	MCERTS	50			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Method Description page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)



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Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 22-11037	Date Sampled	22/12/22	22/12/22	22/12/22	22/12/22	22/12/22
LK Consult Limited	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Every Street	TP / BH No	SS01	SS02	SS03	SS04	SS05
Project / Job Ref: LKR 22 1029	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: LKR221029/DM	Depth (m)	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Reporting Date: 09/01/2023	DETS Sample No	626249	626250	626251	626252	626253

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	0.18	< 0.1	0.14	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.24	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	0.20	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6



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Soil Analysis Certificate - Speciated PAHs

DETS Report No: 22-11037	Date Sampled	22/12/22				
LK Consult Limited	Time Sampled	None Supplied				
Site Reference: Every Street	TP / BH No	SS06				
Project / Job Ref: LKR 22 1029	Additional Refs	None Supplied				
Order No: LKR221029/DM	Depth (m)	None Supplied				
Reporting Date: 09/01/2023	DETS Sample No	626254				

Determinand	Unit	RL	Accreditation				
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1			
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1			
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1			
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1			
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1			
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1			
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1			
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1			
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1			
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1			
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1			
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6			



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Maidstone
Kent ME17 2JN
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Soil Analysis Certificate - Sample Descriptions

DETS Report No: 22-11037	
LK Consult Limited	
Site Reference: Every Street	
Project / Job Ref: LKR 22 1029	
Order No: LKR221029/DM	
Reporting Date: 09/01/2023	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
626249	SS01	None Supplied	None Supplied	12.1	Brown sandy clay with stones
626250	SS02	None Supplied	None Supplied	10.5	Brown sandy clay with stones
626251	SS03	None Supplied	None Supplied	14.6	Brown sandy clay with stones
626252	SS04	None Supplied	None Supplied	14.6	Brown sandy clay
626253	SS05	None Supplied	None Supplied	12.7	Brown sandy clay with stones
626254	SS06	None Supplied	None Supplied	12.1	Brown sandy clay

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

Insufficient Sample ^{1/5}

Unsuitable Sample ^{1/5}



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Soil Analysis Certificate - Methodology & Miscellaneous Information

DETS Report No: 22-11037

LK Consult Limited

Site Reference: Every Street

Project / Job Ref: LKR 22 1029

Order No: LKR221029/DM

Reporting Date: 09/01/2023

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 diphenylcarbazide 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



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List of HWOL Acronyms and Operators

DETS Report No: 22-11037

LK Consult Limited

Site Reference: Every Street

Project / Job Ref: LKR 22 1029

Order No: LKR221029/DM

Reporting Date: 09/01/2023

Acronym	Description
HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det - Acronym

Appendix 12 : Drawings

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Written dimensions to be taken in preference to scaled dimensions.
Due to the inaccuracies of scanning, scanned images should not be scaled.

REV	DATE	DESCRIPTION	MK
A	25.01.21	Static caravan and tourer dims adjusted	MK
B	15.02.21	Pitches 1 & 2 amended, static added	MK
C	30.03.21	Pitches renumbered, plots 11 & 12 amended	MK
D	14.05.21	Static indicated plots 11 & 12/bins added	MK
E	22.06.21	Dropped kerbs indicated adj. site access	MK
F	15.10.21	Fence boundary notes updated	MK
G	30.11.21	Red line amended	MK



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Paddock Johnson Partnership
Limited, Registered in England
and Wales, No. 06694275

PADDOCK
JOHNSON

DRAWING NUMBER: **19144-101G**
SCALE: 1:500@A3
DATE: 22.10.20.
CHECKED: SH
BY: MK
STATUS: **PLANNING**

DRAWING TITLE: Proposed Site Layout
PROJECT: Fernhill Gypsy and Traveller Site Re-development

CLIENT: Bury Council

1. ALL LEVELS TO *m*ADD
2. DO NOT SCALE FROM THIS DRAWING

KEY

 TP506 AS-BUILT TRIAL PIT LOCATION

TP501: 380466mE, 411728mN
TP502: 380481mE, 411752mN
TP503: 380513mE, 411746mN
TP504: 380525mE, 411747mN
TP505: 380547mE, 411737mN
TP506: 380555mE, 411725mN
TP507: 380547mE, 411708mN
TP508: 380537mE, 411686mN
TP509: 380528mE, 411672mN
TP510: 380506mE, 411683mN
TP511: 380517mE, 411677mN
TP512: 380542mE, 411699mN
TP513: 380472mE, 411742mN
TP514: 380498mE, 411751mN
TP515: 380552mE, 411715mN

CLIENT

JOHN SOUTHWORTH LTD



JOB TITLE

EVERY STREET, BURY

DRAWING TITLE

SITE INVESTIGATION LOCATION PLAN

DESIGN	DATE	APPROVED	DATE
RC	25/08/2022	PD	25/08/2022
SCALE	SHEET	DRAWING NUMBER	REVISION
1:500	A3	LKR 22 1029_02	0

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NOTES

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2. DO NOT SCALE FROM THIS DRAWING
3. STOCKPILES SHOWN WILL BE TRANSIENT, AS MATERIALS ARE USED/EXPORTED FROM SITE
4. STOCKPILE VOLUMES COMPUTED FROM LK SURVEY DATA, SUBTRACTING THE BOTTOM-OF-BANK SURFACE FROM THE OVERALL STOCKPILE SURVEY (AS SURVEY DATA WAS NOT AVAILABLE FOR THE SURFACE ON WHICH THE STOCKPILE HAD BEEN CONSTRUCTED)

KEY

- TOP OF BANK
SUBSOIL STOCKPILE
BOTTOM OF BANK

NO	DESCRIPTION	DATE	BY
4	STOCKPILE 7 ADDED	11/01/23	RC
3	STOCKPILES 5 & 6 ADDED	11/01/23	RC
2	STOCKPILE 4 ADDED	11/01/23	RC
1	STOCKPILE 3 ADDED	11/12/22	RC

CLIENT

JOHN SOUTHWORTH

LK REMEDIATE
LK Remediate
Eton Hill Road
Rackliffe
M26 2ZS
T: 0161 736 7200
www.thelkgroup.com

JOB TITLE

EVERY STREET, FERNHILL, BURY

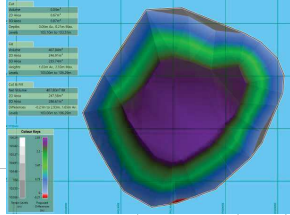
DRAWING TITLE

STOCKPILE REGISTER

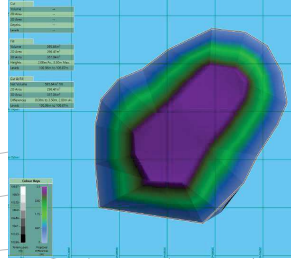
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RC	7/12/2022	RC	7/12/2022
SCALE	DRAWING NUMBER	REVISION	
1:250	A1	LKR 22 1029_04	4



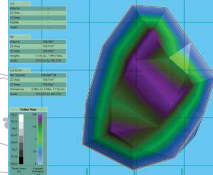
STOCKPILE 5
Clean Subsoil
408m³



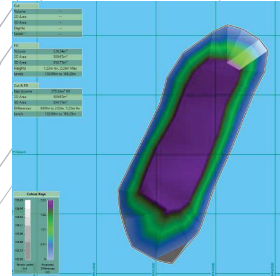
STOCKPILE 3
Oversize
188m³



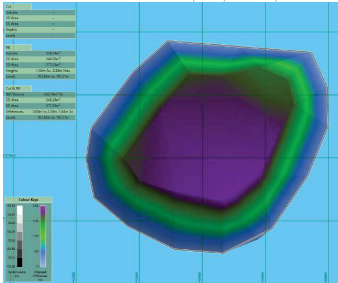
STOCKPILE 2
Concrete Crush
595m³



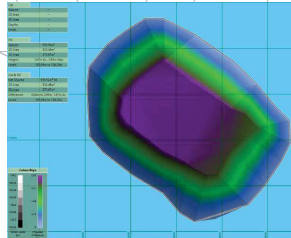
STOCKPILE 7
Muckaway
370m³



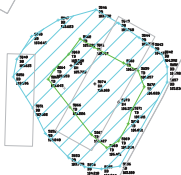
STOCKPILE 1
Tarmac Crush
357m³



STOCKPILE 4
Clean Subsoil
556m³



STOCKPILE 6
Clean Subsoil
194m³





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NOTES

- ALL LEVELS TO mADD
- DO NOT SCALE FROM THIS DRAWING

CONSTRUCTION ELEMENT	VERTICAL OFFSET
BUILDING PLOTS	- 825mm
ROADS	- 600mm
GARDENS	- 600mm

KEY

- JSB DESIGN LEVEL
- SURVEYED FINAL REMEDIATED LEVEL
- STONE PAD FOR CONCRETE PUMP (12m x 8m)
- MOBILE CARAVAN
- STATIC CARAVAN
- PERMANENT BUILDING (2m LATERAL O/S)

NO.	DESCRIPTION	DATE	BY

CLIENT

JOHN SOUTHWORTH BUILDERS

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JOB TITLE

EVERY STREET, FERNHILL, BURY

DRAWING TITLE

FINISHED REMEDIATED LEVELS

APPROVAL	DATE	APPROVED	DATE
RC	14/02/2023	RC	14/02/2023

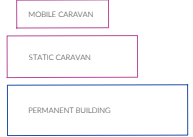
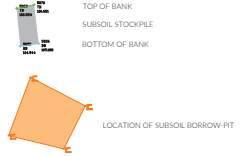
SCALE	SHEET	DRAWING NUMBER	REVISION
1:250	A1	LKR 22 1029_06	0

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NOTES

1. ALL LEVELS TO mADD
2. DO NOT SCALE FROM THIS DRAWING
3. TOTAL SUBSOIL STOCKPILE VOLUME = 408 + 194 = 602m³

KEY



REV	DESCRIPTION	DATE	BY
-----	-------------	------	----

CLIENT

JOHN SOUTHWORTH BUILDERS



JOB TITLE

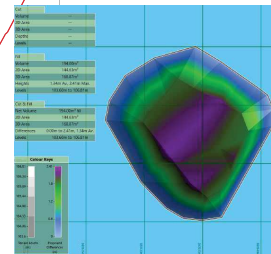
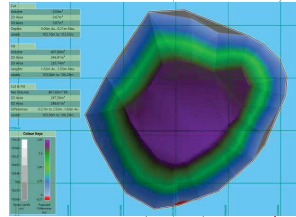
EVERY STREET, FERNHILL, BURY

DRAWING TITLE

STOCKPILED CLEAN SUBSOIL

APPROVAL	DATE	APPROVED	DATE
RC	14/02/2023	RC	14/02/2023

SCALE	SHEET	DRAWING NUMBER	REVISION
1:250	A1	LKR 22 1029_05	0



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NOTES

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2. DO NOT SCALE FROM THIS DRAWING
3. STOCKPILES SHOWN WILL BE TRANSIENT, AS MATERIALS ARE USED/EXPORTED FROM SITE
4. STOCKPILE VOLUMES COMPUTED FROM LK SURVEY DATA, SUBTRACTING THE BOTTOM OF BANK SURFACE FROM THE OVERALL STOCKPILE SURVEY LAS SURVEY DATA WAS NOT AVAILABLE FOR THE SURFACE ON WHICH THE STOCKPILE HAD BEEN CONSTRUCTED



NO.	DESCRIPTION	DATE	BY
4	STOCKPILE 7 ADDED	11/01/23	RC
3	STOCKPILE 5 & 6 ADDED	31/01/23	RC
2	STOCKPILE 4 ADDED	11/01/23	RC
1	STOCKPILE 3 ADDED	31/12/22	RC
REV	DESCRIPTION	DATE	BY

CLIENT

JOHN SOUTHWORTH



Lk Remediate
Eton Hill Road
Radcliffe
M26 2ZS
T: 0161 736 7200
www.thelkgroup.com

JOB TITLE

EVERY STREET, FERNHILL, BURY

DRAWING TITLE

GEOTECH TESTING LOCATIONS

DATE	DATE	DATE	DATE
DM	10/02/2023	DM	27/02/2023
SCALE	DATE	DRAWING NUMBER	REVISION
NTS	A1	LKR 22 1029_07	0

WB

El Sub Sta

existing perimeter fence retained with new internal 1.8m high timber fence

existing perimeter fence retained

site entrance realigned to accommodate new layout of pitches/office
existing lamp post to be relocated

existing perimeter fence retained with new internal 1.8m high timber fence

EVERY STREET
2.4m x 4.3m sight line

FERNHILL

LWD 27/01/23

CBR 25/01/23

LWD 27/02/23

KEY

static (max)
12.2x3.9m/
40x12.8ft

reinforced conc.
base for static/tourer

tourer (max)
18.6x2.6m/
28x8.5ft

reinforced conc.
base for tourer

2 no. parking bays per
pitch - 5x5m² area

16.4ft
0m 5m

Wheel wc

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NOTES

1. ALL LEVELS TO MGD
2. DO NOT SCALE FROM THIS DRAWING
3. STOCKPILES SHOWN WILL BE TRANSIENT, AS MATERIALS ARE USED/EXPORTED FROM SITE
4. STOCKPILE VOLUMES COMPUTED FROM LK SURVEY DATA, SUBTRACTING THE BOTTOM OF BANK SURFACE FROM THE OVERALL STOCKPILE SURVEY LAS SURVEY DATA WAS NOT AVAILABLE FOR THE SURFACE ON WHICH THE STOCKPILE HAD BEEN CONSTRUCTED

WB

El Sub Sta

existing perimeter fence retained with new internal 1.8m high timber fence

site entrance realigned to accommodate new layout of pitches/office
existing lamp post to be relocated

existing perimeter fence retained with new internal 1.8m high timber fence

EVERY STREET
2.4m x 4.3m sight line

FERNHILL

25.2m³

25.2m³

CR07

CR06

CR05

150m³

CR08

25.2m³

25.2m³

25.2m³

25.2m³

KEY

static (max)
12.2x3.9m/
40x12.8ft

reinforced conc.
base for static/tourer

tourer (max)
8.6x2.6m/
28x8.5ft

reinforced conc.
base for tourer

2 no. parking bays per
pitch - 5x5m² area

16.4ft
0m 5m

CLIENT

JOHN SOUTHWORTH

LK
REMEDiate

LK Remediate
Eton Hill Road
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M26 2ZS
T: 0161 736 7200
www.thelkgroup.com

JOB TITLE

EVERY STREET, FERNHILL, BURY

DRAWING TITLE

CR08 MATERIAL PLACEMENT

DATE	DATE	DATE	DATE
DM	31/03/2023	DM	31/03/2023
SCALE	DATE	DRAWING NUMBER	REVISION
NTS	A1	LKR 22 1029_08	0

Appendix 13: Air Monitoring

9 Telford Court, Dunkirk Lea, Chester Gates, Chester, CH1 6LT. Tel: 01244 851753 Fax: 01244 851752

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Site Air Test Certificate Ref:	ST/22/11/10/SM2	Date of Issue:	10/11/2022	Page 1 of 4
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Note: Inspection undertaken in accordance with APEC in-house Methods QCRF2, OH1 and OH2, based on the HSE publication HSG 248 'The Analysts Guide'

Site:	Client:	Contractor:
Fernhill Travellers Site Every Street Bury Lancashire BL9 5BE	LK Group Unit 29 Eton Business Park Eton Hull Road Radcliffe Manchester M26 2ZS	Unit 29 Eton Business Park Eton Hull Road Radcliffe Manchester M26 2ZS
Contact: N/A	Contact: Richard Clarke	Contact: N/A

Samples taken by (APEC)

Analyst	Sarah McKenna	Signed by (APEC)		Date	10/11/2022
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Air Testing

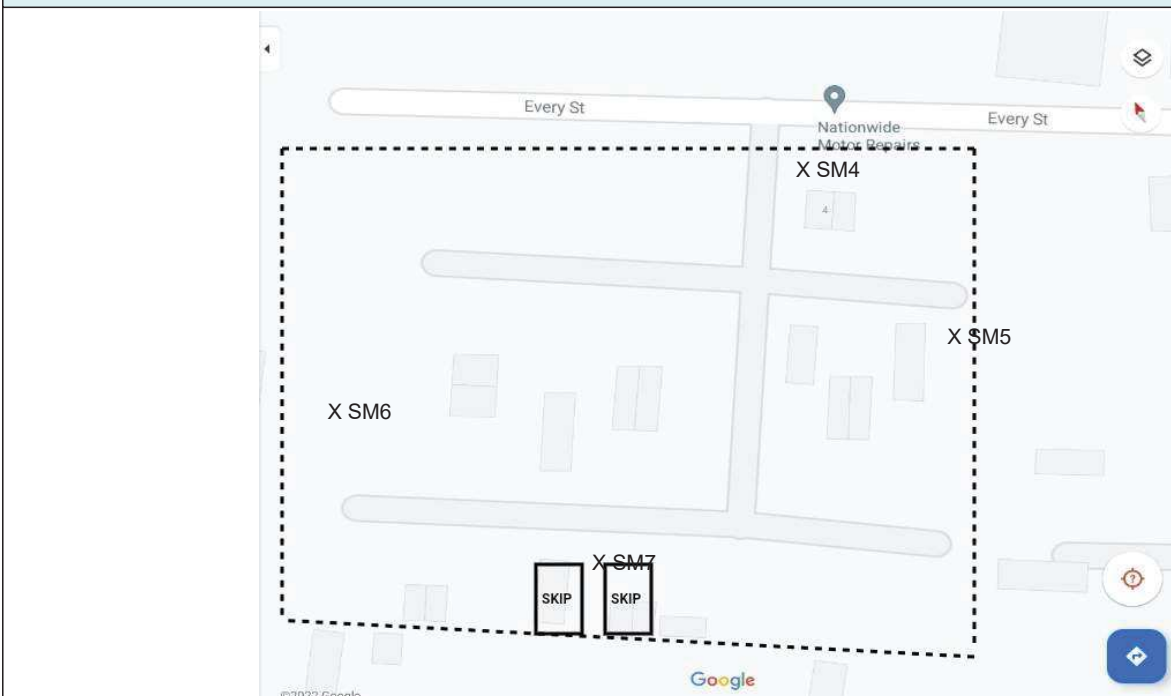
Purpose of Test

Far-Source Sampling	Near-Source sampling	Leak Test	Background Test	X	Reassurance Test	
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Site Photograph and Additional Site Information

	Area Assessed:	Travellers site
	Description of reason for test (including the nature and extent of ACMs removed):	Reassurance air test during ground works after finding suspect material on site.
	Site Specific Risk Assessment:	Project Information Sheet (if used):
	RA/22/11/10/SM2	-

Sample Area Layout Plan



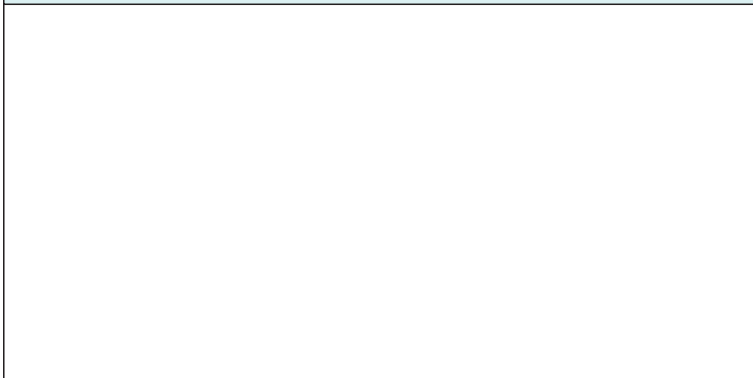
9 Telford Court, Dunkirk Lea, Chester Gates, Chester, CH1 6LT. Tel: 01244 851753 Fax: 01244 851752

Access this document online via your asbestos management portal: www.apecuk.org/LK-Group

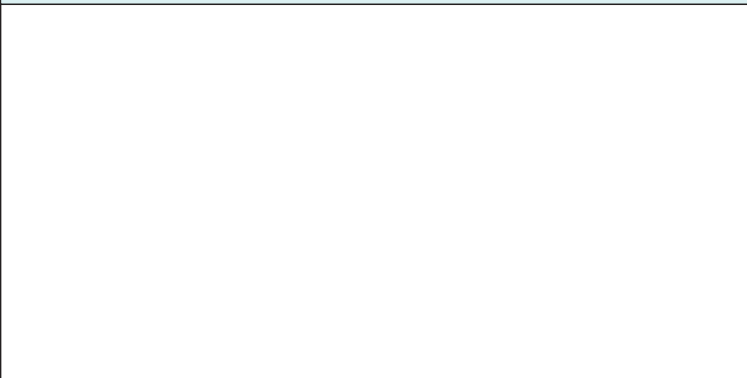
Site Air Test Certificate Ref:	ST/22/11/10/SM2	Date of Issue:	10/11/2022	Page 3 of 4
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Photographs

Photograph 1



Photograph 2



Photograph 3



Photograph 4



Sampling pump (sample ref: 22/11/A/10/SM4)



Sampling pump (sample ref: 22/11/A/10/SM5)



Sampling pump (sample ref: 22/11/A/10/SM6)



Sampling pump (sample ref: 22/11/A/10/SM7)



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Site Air Test Certificate Ref:	ST/22/11/11/PM1	Date of Issue:	11/11/2022	Page 1 of 4
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Note: Inspection undertaken in accordance with APEC in-house Methods QCRF2, OH1 and OH2, based on the HSE publication HSG 248 'The Analysts Guide'

Site:	Client:	Contractor:
Land Off Every Street Every Street Bury Greater Manchester BL9 5BE	LK Group Unit 29 Eton Business Park Eton Hull Road Radcliffe Manchester M26 2ZS	LK Group Unit 29 Eton Business Park Eton Hull Road Radcliffe Manchester M26 2ZS
Contact: NA	Contact: Richard Clarke	Contact: N/A

Samples taken by (APEC)

Analyst	Phil McLean	Signed by (APEC)		Date	11/11/2022
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Air Testing

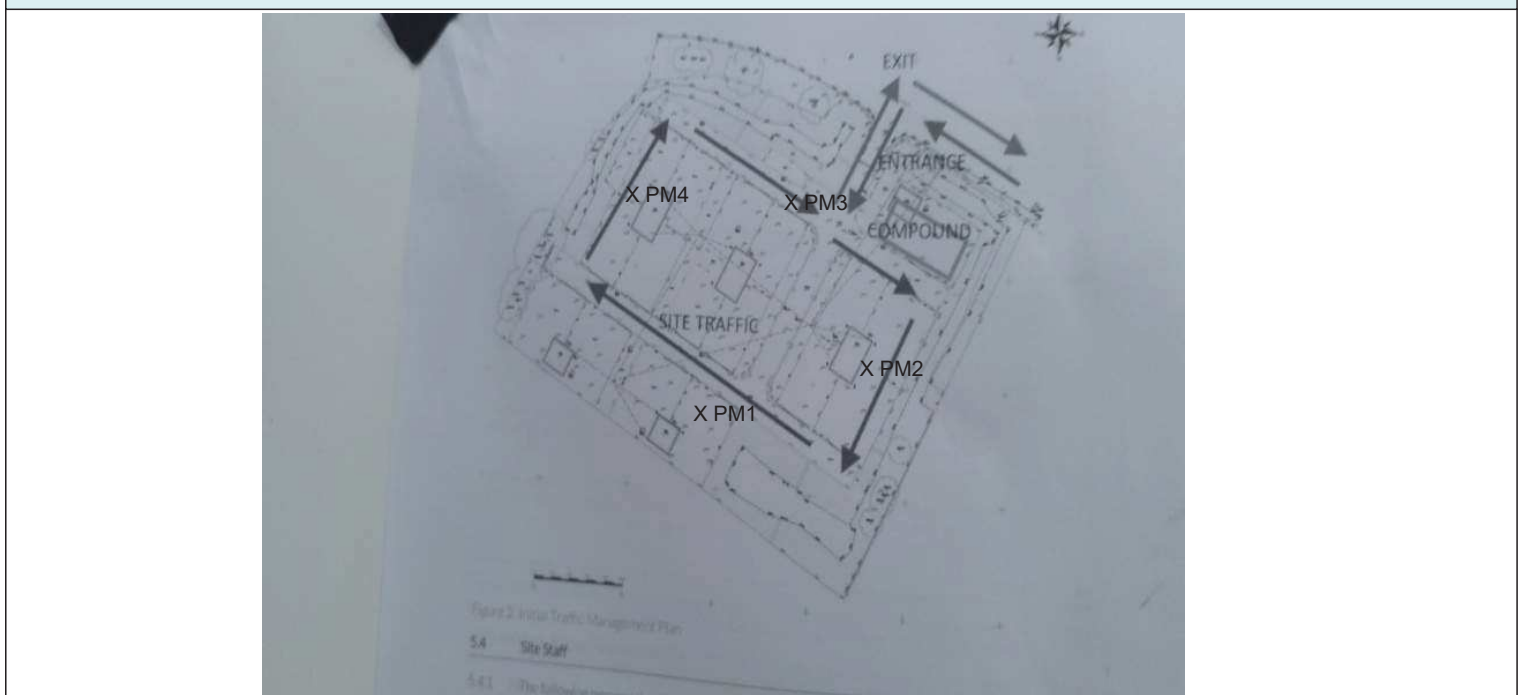
Purpose of Test

Far-Source Sampling	☐	Near-Source sampling	☒	Leak Test	☐	Background Test	☐	Reassurance Test	☐
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Site Photograph and Additional Site Information

	Area Assessed:	External land		
	Description of reason for test (including the nature and extent of ACMs removed):	Near source airtesting during excavations works on contaminated land		
	Site Specific Risk Assessment:	Project Information Sheet (if used):		
	RA/22/11/11/PM2	NA		

Sample Area Layout Plan



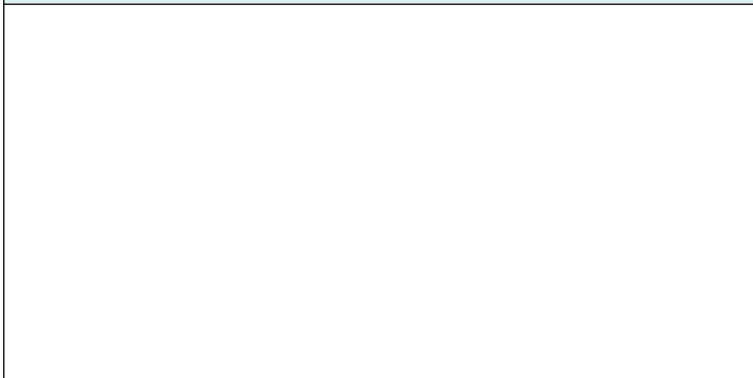
9 Telford Court, Dunkirk Lea, Chester Gates, Chester, CH1 6LT. Tel: 01244 851753 Fax: 01244 851752

Access this document online via your asbestos management portal: www.apecuk.org/LK-Group

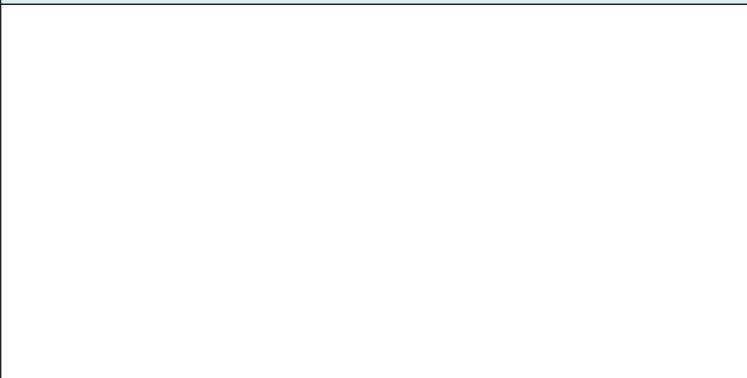
Site Air Test Certificate Ref:	ST/22/11/11/PM1	Date of Issue:	11/11/2022	Page 3 of 4
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Photographs

Photograph 1



Photograph 2



Photograph 3



Photograph 4



Sampling pump (sample ref: 22/11/A/11/PM1)



Sampling pump (sample ref: 22/11/A/11/PM2)



Sampling pump (sample ref: 22/11/A/11/PM3)



Sampling pump (sample ref: 22/11/A/11/PM4)



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Site Air Test Certificate Ref:	ST/22/11/11/PM1	Date of Issue:	11/11/2022	Page 4 of 4
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Note: Inspection undertaken in accordance with APEC in-house Methods QCRF2, OH1 and OH2, based on the HSE publication HSG 248 'The Analysts Guide'

Site:	Client:	Contractor:
Land Off Every Street Every Street Bury Greater Manchester BL9 5BE	LK Group Unit 29 Eton Business Park Eton Hull Road Radcliffe Manchester M26 2ZS	LK Group Unit 29 Eton Business Park Eton Hull Road Radcliffe Manchester M26 2ZS
Contact: N/A	Contact: Richard Clarke	Contact: N/A

Appendix 1 - Additional Air Test Information

Notes:

1. This information supplements the air test results found on page 2 of the Site Air Test Certificate and is only valid in conjunction with those results.
2. Temperature is recorded in **Kelvin (K)**, Pressure is recorded in **mmHg**, Flowrates are recorded in **litres per minute (l/min)**, Sample volume is recorded in **litres**
3. Interim flow checks are only carried out where the overall sample period exceeds approximately 1 hour
4. All testing and analysis is undertaken with reference to APEC' task specific risk assessments TRA 01 and TRA 02

APEC Analytical Equipment

Flow Meter	FM52	Barometer	N/A	Thermometer	N/A	Stop Watch	SW17	Effective filter diameter (mm)	22.60	
Stage Micrometer No	SM10	Measured Graticule dia.	100	HSE / NPL Test Slide No.	PC12	No. of bands seen	5	Microscope Number	APM19	
Samples counted by (APEC Analyst)		Phil McLean		Signed			Date Analysed	11/11/2022	Analysis Location (Site / Lab)	Site
Test Protocol:		5S (Near-source monitoring)					Checked by:		N/A	
Suitability of Counting Location		Location assessed and adequate (if not record details in Analyst Comments)			✓	Counting Location (describe)		Welfare unit		
Sample Number	Pump No.	Head No.	Temp	Pressure	Start Flow	Start Time	Interim Flow	Interim Time	End Flow	End Time
22/11/A/11/PM1	AB8L0735	9A	N/A	N/A	8.0	12:15	-	--:--	8.0	13:18
22/11/A/11/PM2	AB8L1268	9B	N/A	N/A	8.0	12:16	-	--:--	8.0	13:19
22/11/A/11/PM3	V8-068	9C	N/A	N/A	8.0	12:17	-	--:--	8.0	13:20
22/11/A/11/PM4	AB8L1269	9D	N/A	N/A	8.0	12:18	-	--:--	8.0	13:21
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

Analysts in Training

To be signed off by the lead analyst where the analyst carrying out the inspection and testing is working under supervision as part of training.

Trainer /		Signed by (APEC)		Date:	
Lead					
Trainee		Signed by (APEC)		Date:	