

Chain Road, Blackley

Site Completion Report

Job Number: LKC 21 1026

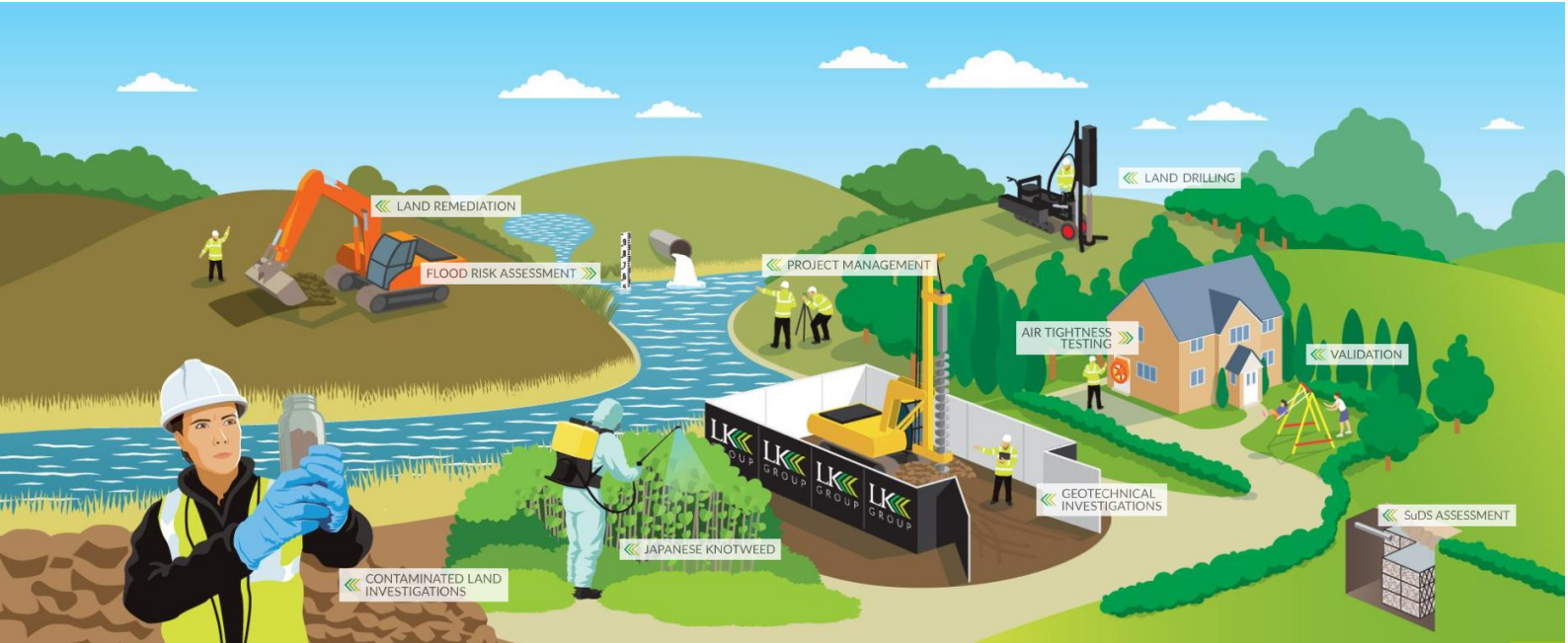
Date: May 2025

Client: Great Places Housing Group



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1. Introduction

LK Consult Ltd (LKC) has been commissioned to provide a Site Completion Report for Chain Road, Blackley (planning reference 131891/FO/2021), which relates to the construction of 12no. residential houses and an apartment block. An additional planning application was submitted relating to change of use from existing open space to a private garden in connection with the original planning application dated 2021 (planning ref: 135103/FO/2022).

The aim of the Site Completion Report will be to demonstrate to the Local Authority that the site has been suitably remediated in line with the Remediation Statement and in accordance with the National Planning Policy Framework (NPPF)¹, where the site is 'suitable for use' for the proposed development.

The Site Completion Report should be sufficient to satisfy Contaminated Land Condition 8 for planning ref: 131891/FO/2021 and Condition 4 for planning ref: 135103/FO/2022.

Details are provided in the following Sections.

A summary of the site details is presented in Table 1-1. Figure 1 indicates the site location and boundary plan. Figure 2 indicates the proposed development.

Location	Corner of Chain Road and Victoria Avenue in the Blackley area of Manchester.
Area	Centred at approximate National Grid Reference 385980E 404160N.
Topography	96 metres above ordnance datum (AOD). Site is approximately level.
Proposed Development	12no. residential houses (semi-detached and terraced) with front and rear gardens and a 3 storey apartment building with associated soft landscaping. Also includes associated infrastructure including road network.

Table 1-1: Summary of site details.

1.1. Summary of Previous Work

The following reports have been undertaken for the site:

- Preliminary Risk Assessment (PRA) undertaken by LKC (Ref: CL-602-LKC 21 1026-01).
- Final Phase 2 Geo-Environmental Investigation, Risk Assessment and Remediation Strategy undertaken by LKC (Ref: CL-602-LKC 21 1026-03).

The findings of the above reports have been agreed by Manchester City Council (Decision notice for planning ref: 131891/FO/2021, dated 17th March 2022, Decision notice for planning ref: 135103/FO/2022, dated 24th October 2022).

In addition to the above reports, individual plot by plot completion reports have also been produced on all properties at the development. These reports should be read in conjunction with this report.

1.2. Summary of Required Validation Work

Based upon the findings of the above the following validation was required:

- Construction of dwellings with appropriate gas mitigation measures, compliant with BS8485², as required for CS2 / Amber 1 protection.
- 450mm thick environmental cover system comprising a minimum of 150mm of topsoil as a growing medium around the apartment block.

- Removal of made ground and raise levels as required with a minimum of 150mm of topsoil was required in the gardens of the private houses.
- Chemical validation of all imported soils to be used in gardens and soft landscaping.
- Information on the installation of any protective water pipes and/or sterile trenches.
- Provision of disposal tickets if any material is removed offsite.
- Details of any unexpected contamination.

Selected photographs of the completed site are presented in Appendix A.

An amendment to the remediation strategy was agreed on email with Manchester City Council (email dated 13th September 2025). This was in relation to the cover system in very small landscaping strips around the apartment block. Considering the limited size and presence of service runs the full 450mm cover could not be installed. LKC confirmed the presence of pea gravel at the base of the nominal soil cover overlying the service runs, which acts a break layer further limiting potential contact with future site users and the underlying made ground. It is considered unlikely that these areas will be excessively used by receptors given the shared nature of the landscaping and limited size. The above amendment was acceptable to the Local Authority.

2. Gas Protection Measures

The apartment block and Plots 1-12 have been installed with NHBC Traffic Light Amber 1 / Characteristic Situation 2 gas protection measures including a carbon dioxide resistant membrane and vented subfloor void.

All plots have been validated and information provided in the separate individual plot report for the apartment block. LKC considers that the gas protection has been installed correctly.

3. Imported Material for Garden Areas

Topsoil and subsoil for use in the garden and landscaping areas was imported onto site from several sources during the development. A summary is provided in the following sections below.

3.1. Private Houses: Plots 1-9 and Apartment Block

Approximately 150m³ of topsoil was imported to site from Miller Homes, Lunt Heath Road, Widnes. The imported topsoil was sampled between March 2024 and May 2024 (4no. samples referenced TS201 to TS203 and TS1) in line with the rates agreed in the Remediation Strategy. LKC visually inspected the topsoil for putrescible material, none of which was encountered.

Approximately 80m³ of subsoil was imported to site from Welsh Road, Sealands. The imported subsoil was sampled in March 2024 and May 2024 (referenced SS201 to SS203 and SS1) in line with the rates agreed in the Remediation Strategy. LKC visually inspected the subsoil for putrescible material, none of which was encountered.

Laboratory results and supplier certification can be found within the issued plot reports.

3.2. Private Houses: Plots 10-12

Approximately 80m³ of topsoil was imported to site from Maghull, Liverpool and used in Plots 10-12 private gardens only. The imported topsoil was sampled in October 2023 (referenced TS101 to TS103) in line with the rates agreed in the Remediation Strategy. LKC visually inspected the topsoil for putrescible material, none of which was encountered.

Laboratory results and supplier certification can be found within the issued plot reports.

3.3. Break Layer – Apartment Block Only

A 10mm stone gravel was imported to site from Marchington Stone for use around service runs as compacted pipe bedding and is acting as a break layer in the apartment block soft landscaping areas in areas of restricted size as agreed with Manchester City Council. Delivery note can be found within the issued plot report for the apartment block.

3.4. Generic Assessment Criteria

With regards to the soil risk assessment LKC will use the following hierarchy:

- Category 4 Screening Levels (C4SLs).
- LQM Suitable 4 Use Levels (S4ULs).

An assessment of the data should be undertaken to confirm B(a)P is a suitable surrogate marker by assessing the ratios of carcinogenic PAHs to B(a)P. However, as the majority of the PAHs were recorded as less than detection limits the assessment could not be undertaken.

When compared to appropriate screening values for 'residential with plant uptake' end use, no elevated contaminants were identified in the imported topsoil and subsoil, and the material is considered 'suitable for use' within the garden and soft landscaping capping layer. Appropriate screening values are presented in Appendix B.

4. Summary of Validation Inspection Works

The residential houses and apartment block have been installed with NHBC Traffic Light Amber 1 / Characteristic Situation 2 gas protection measures. This included a carbon dioxide resistant membrane and vented subfloor void.

A depth of 450mm with a minimum of 150mm as growing medium has been placed in landscaped areas surrounding the apartment block, with the exception of small strips of landscaping which had less than 450mm cover over a stone break layer (Areas 1 and 2 as shown on Plate 4-1).



Plate 4-1: Capping layer inspection areas in apartment block soft landscaping.

A nominal depth of at least 150mm of topsoil has been placed in all private gardens following the removal of made ground. Evidence of natural strata at the base of the imported soil cover was observed.

Photographs of the depth measurements / gas protection measures are provided in the individual plot reports. A summary is provided in Tables 4-1 (house plots) and 4-2 (apartment block).

Plot No.	Front Garden Total Soil Cover (mm)	Rear Garden Total Soil Cover (mm)	Required Depth (mm)	Natural Strata at Base (✓ / x)	CS2 Gas Protection Measures	Compliance (✓ / x)
1	440	200	150	✓	✓	✓
2	420	200	150	✓	✓	✓
3	420	300	150	✓	✓	✓
4	280	300	150	✓	✓	✓
5	700	550	150	✓	✓	✓
6	250	650	150	✓	✓	✓
7	150 (Shared)	550	150	✓	✓	✓
8		400	150	✓	✓	✓

Table 4-1: Summary of validation works undertaken in residential houses.

Plot No.	Front Garden Total Soil Cover (mm)	Rear Garden Total Soil Cover (mm)	Required Depth (mm)	Natural Strata at Base (✓ / x)	CS2 Gas Protection Measures	Compliance (✓ / x)
9	200 (Shared)	520	150	✓	✓	✓
10		300	150	✓	✓	✓
11	150 (Shared)	200	150	✓	✓	✓
12		200	150	✓	✓	✓

Table 4-1 (Continued): Summary of validation works undertaken in residential houses.

Apartment Block	Total Soil Cover Depth (mm)	Membrane or Pea Gravel at Base	Required Depth (mm)	CS2 Gas Protection Measures Across Block	Compliance (✓ / x)
Area 1	320*	Pea Gravel *	450*	✓	✓
Area 2	350 *	Pea Gravel *	450*		
Area 3	480	Pea Gravel *	450		
Area 4	Hardstood	-	-		
Area 5	450	Membrane	450		
Area 6	520	Membrane	450		

Table 4-1: Summary of validation works undertaken in Apartment Block.

Notes: *The area is very small with a high number of shallow services runs. The small size of the front gardens does not illicit expansive use by receptors and therefore the clean cover above the gravel pipe bedding layer is still considered protective of future site users.

Area 4 does not comprise any soft landscaping. The area has been flagged (cased in concrete). It is therefore considered to be hardstood and protective of future users. Therefore, no specific remediation is required in Area 4.

5. Service Entry Pipes

LKC understand that barrier pipe has been installed around the apartment block and that PE piping has been installed for Plots 1-12 (where pipelines were installed in natural strata). A plan provided by the site is provided in Appendix C showing the pipeline routes. LKC assumes this this has been agreed with United Utilities.

6. Disposal Tickets

Approximately 6 loads (8-wheeler grab wagons) of soil went offsite to a licenced landfill by DHI Excavations Ltd and Utility Recycling North West Limited. Selected tickets have been provided in Appendix D as an example.

7. Unexpected Contamination

LKC understand that no unexpected contamination was encountered during development works.

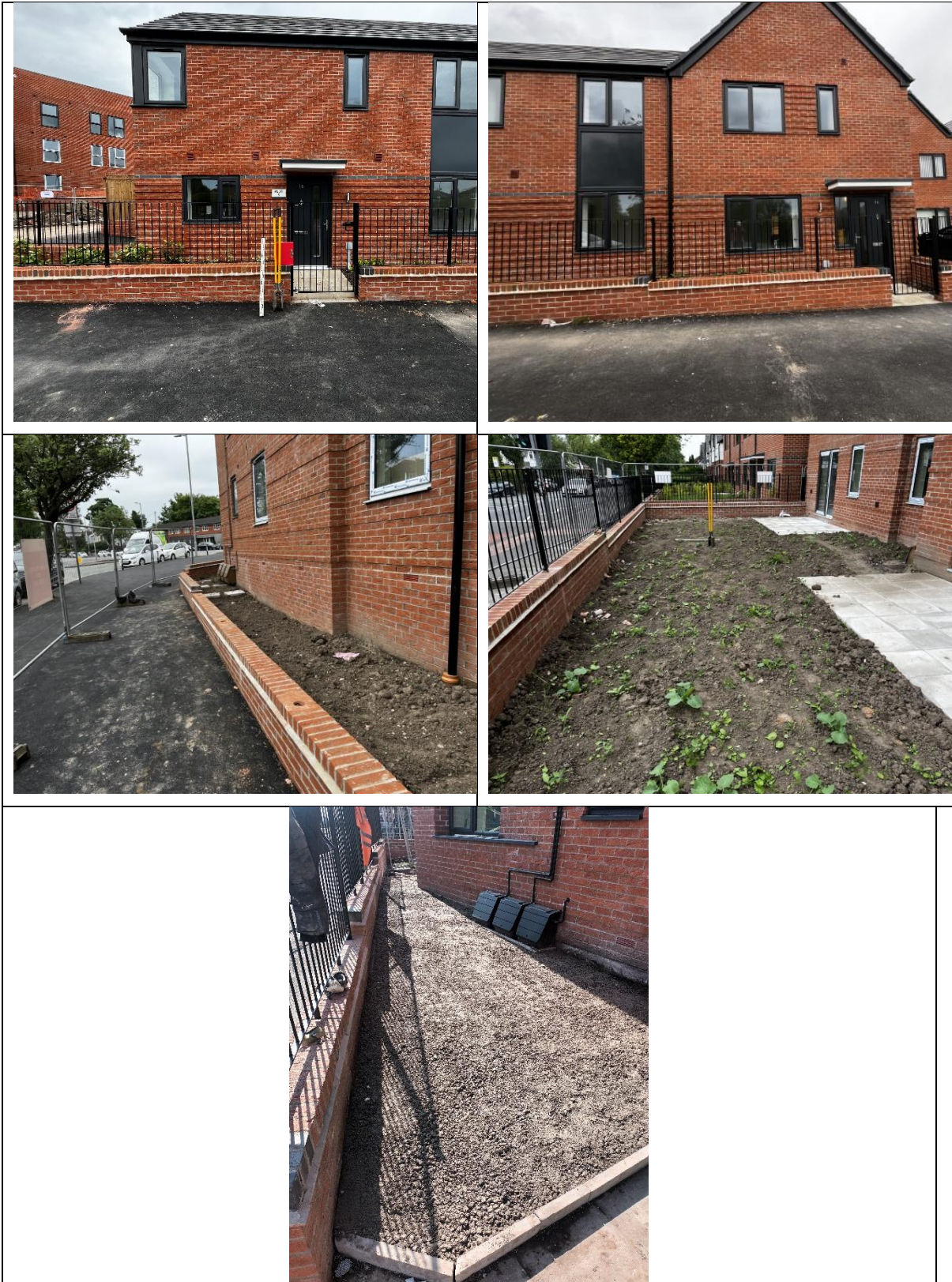
8. Conclusions

LKC consider that the work onsite to date has been validated in accordance with the agreed Remediation Strategy.

Based on the above information LKC considers the Chain Road, Blackley development site is 'suitable for use' for a residential development.

LKC considers there is sufficient information to discharge the outstanding contaminated land Condition 8 for planning ref: 131891/FO/2021 and Condition 4 for planning ref: 135103/FO/2022.

Appendix A – Photographs of Completed Site



Photographs 1-5: Selected photographs of completed site.

Appendix B – Generic Assessment Criteria

Generic Assessment Criteria Values

Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS ^{resi}	POS ^{park}	Source
Metals	Inorganic Arsenic	N/A	37	40	49	640	79	168	DEFRA C4SL
	Beryllium	N/A	1.7	1.7	35	12	2.2	63	LQM S4UL
	Boron	N/A	290	11,000	45	240,000	21,000	46,000	LQM S4UL
	Cadmium	N/A	26	149	4.9	410	220	880	DEFRA C4SL
	Chromium (III)	N/A	910	910	18,000	8,600	1,500	33,000	LQM S4UL
	Chromium (VI)	N/A	21.0	21.0	170.0	49	23.0	250	DEFRA C4SL
	Copper	N/A	2,400	7,100	520	68,000	12,000	44,000	LQM S4UL
	Lead	N/A	200	310	80	2,330	630	1,300	DEFRA C4SL
	Elemental Mercury	N/A	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}	LQM S4UL
	Inorganic Mercury	N/A	40	56	19	1,100	120	240	LQM S4UL
	Methylmercury	N/A	11	15	6.0	320	40	68	LQM S4UL
	Nickel (2015 update)	N/A	130	180	53	980	230	800	LQM S4UL
	Selenium	N/A	250	430	88	12,000	1,100	1,800	LQM S4UL
	Vanadium	N/A	410	1,200	91	9,000	2,000	5,000	LQM S4UL
Zinc	N/A	3,700	40,000	620	730,000	81,000	170,000	LQM S4UL	
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000	LQM S4UL
		2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000	LQM S4UL
		6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000	LQM S4UL
	Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000	LQM S4UL
		2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000	LQM S4UL
		6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000	LQM S4UL
	Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000	LQM S4UL
		2.5%	5,400	35,000	950	540,000	74,000	150,000	LQM S4UL
		6%	11,000	37,000	2,200	540,000	74,000	150,000	LQM S4UL
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49	LQM S4UL
		2.5%	11	14	6.5	170	29	56	LQM S4UL
		6%	13	15	13	180	29	62	LQM S4UL
	Benzo(a)pyrene (only)	1%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		2.5%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
		6%	5.0	5.3	5.70	77	10.0	21	DEFRA C4SL
	Benzo(a)pyrene (surrogate marker Coal Tar)	1%	0.8	1.2	0.32	15	2.2	4	LQM S4UL
		2.5%	1.0	1.2	0.67	15	2.2	5	LQM S4UL
		6%	1.1	1.2	1.20	15	2.2	5	LQM S4UL
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13	LQM S4UL
		2.5%	3.3	4.0	2.1	44	7.2	15	LQM S4UL
		6%	3.7	4.0	3.9	45	7.2	16	LQM S4UL
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400	LQM S4UL
		2.5%	340	360	470	4,000	640	1,500	LQM S4UL
		6%	350	360	640	4,000	640	1,600	LQM S4UL
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370	LQM S4UL
		2.5%	93	110	75	1,200	190	410	LQM S4UL
		6%	100	110	130	1,200	190	440	LQM S4UL
	Chrysene	1%	15	30	4.1	350	57	93	LQM S4UL
		2.5%	22	31	9.4	350	57	110	LQM S4UL
		6%	27	32	19	350	57	120	LQM S4UL
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1	LQM S4UL
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3	LQM S4UL
		6%	0.3	0.32	0.43	3.6	0.58	1.4	LQM S4UL
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300	LQM S4UL
		2.5%	560	1,600	130	23,000	3,100	6,300	LQM S4UL
		6%	890	1,600	290	23,000	3,100	6,400	LQM S4UL
	Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000	LQM S4UL
		2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000	LQM S4UL
		6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000	LQM S4UL
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150	LQM S4UL
		2.5%	36	46	21	510	82	170	LQM S4UL
		6%	41	46	39	510	82	180	LQM S4UL
	Naphthalene	1%	15	15	65	1,600*	11,000*	8,400*	DEFRA C4SL
		2.5%	36	36	130	3,700*	15,000*	17,00*	DEFRA C4SL
		6%	85	85	200	8,400*	1,200*	1,900*	DEFRA C4SL
	Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200	LQM S4UL
		2.5%	220	1,500	38	22,000	3,100	6,200	LQM S4UL
		6%	440	1,500	90	22,000	3,100	6,300	LQM S4UL
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000	LQM S4UL
		2.5%	1,200	3,800	270	54,000	7,400	15,000	LQM S4UL
		6%	2,000	3,800	620	54,000	7,400	15,000	LQM S4UL
	Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	LQM S4UL
		2.5%	0.98	1.2	0.67	15	2.2	4.7	LQM S4UL
		6%	1.1	1.2	1.2	15	2.2	4.8	LQM S4UL

Generic Assessment Criteria Values

Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS ^{resi}	POS ^{park}	Source
BTEX Compounds	Benzene	1%	0.87	0.38	0.017	27	72	90	LQM S4UL
		2.5%	0.17	0.70	0.034	47	72	100	LQM S4UL
		6%	0.37	1.4	0.075	90	73	110	LQM S4UL
	Toluene	1%	130	880 (869) ^{vap}	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}	LQM S4UL
		2.5%	290	1,900	51	110,000 (1,920) ^{vap}	56,000	95,000 (1,920) ^{vap}	LQM S4UL
		6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360)	LQM S4UL
	Ethylbenzene	1%	47	83	16	5,700 (518) ^{vap}	24,000	17,000 (518) ^{vap}	LQM S4UL
		2.5%	110	190	39	13,000 (1,220) ^{vap}	24,000	22,000 (1,220) ^{vap}	LQM S4UL
		6%	260	440	91	27,000 (2,840) ^{vap}	25,000	27,000 (2,840) ^{vap}	LQM S4UL
	o-xylene	1%	60	88	28	6,600 (478) ^{sol}	41,000	17,000 (478) ^{sol}	LQM S4UL
		2.5%	140	210	67	15,000 (1,120) ^{sol}	42,000	24,000 (1,120) ^{sol}	LQM S4UL
		6%	330	480	160	33,000 (2,620) ^{sol}	43,000	33,000 (2,620) ^{sol}	LQM S4UL
	m-xylene	1%	59	82	31	6,200 (625) ^{vap}	41,000	17,000 (625) ^{vap}	LQM S4UL
		2.5%	140	190	74	14,000 (1,470) ^{vap}	42,000	24,000 (1,470) ^{vap}	LQM S4UL
		6%	320	450	170	31,000 (3,460) ^{vap}	43,000	32,000 (3,460) ^{vap}	LQM S4UL
	p-xylene	1%	56	79	29	5,900 (576) ^{sol}	41,000	17,000 (576) ^{sol}	LQM S4UL
		2.5%	130	180	69	14,000 (1,350) ^{sol}	42,000	23,000 (1,350) ^{sol}	LQM S4UL
		6%	310	430	160	30,000 (3,170) ^{sol}	43,000	31,000 (3,170) ^{sol}	LQM S4UL
Aliphatic									
EC 5-6	1%	42	42	730	3,200 (304) ^{sol}	570,000(304) ^{sol}	95,000 (304) ^{sol}	LQM S4UL	
EC>6-8	1%	100	100	2,300	7,800 (144) ^{sol}	600,000	150,000 (144) ^{sol}	LQM S4UL	
EC>8-10	1%	27	27	320	2,000 (78) ^{sol}	13,000	14,000 (78) ^{vap}	LQM S4UL	
EC>10-12	1%	130 (48) ^{vap}	130 (48) ^{vap}	2,200	9,700 (48) ^{sol}	13,000	21,000 (48) ^{vap}	LQM S4UL	
EC>12-16	1%	1,100 (24) ^{sol}	1,100 (24) ^{sol}	11,000	59,000 (24) ^{sol}	13,000	25,000 (24) ^{sol}	LQM S4UL	
EC>16-35	1%	65,000 (8.48)	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f	LQM S4UL	
EC>35-44	1%	65,000 (8.48)	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f	LQM S4UL	
Aliphatic									
EC 5-6	2.5%	78	78	1,700	5,900 (558) ^{sol}	590,000	130,000 (558) ^{sol}	LQM S4UL	
EC>6-8	2.5%	230	230	5,600	17,000 (322) ^{sol}	610,000	220,000 (322) ^{sol}	LQM S4UL	
EC>8-10	2.5%	65	65	770	4,800 (190) ^{vap}	13,000	18,000 (190) ^{vap}	LQM S4UL	
EC>10-12	2.5%	330 (118) ^{vap}	330 (118) ^{vap}	4,400	23,000 (118) ^{vap}	13,000	23,000 (118) ^{vap}	LQM S4UL	
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}	LQM S4UL	
EC>16-35	2.5%	92,000 (21)	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f	LQM S4UL	
EC>35-44	2.5%	92,000 (21)	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f	LQM S4UL	
Aliphatic									
EC 5-6	6%	160	160	3,900	12,000 (1,150) ^{sol}	600,000	180,000 (1,150)	LQM S4UL	
EC>6-8	6%	530	530	13,000	40,000 (736) ^{sol}	620,000	320,000 (736) ^{sol}	LQM S4UL	
EC>8-10	6%	150	150	1,700	11,000 (451) ^{vap}	13,000	21,000 (451) ^{vap}	LQM S4UL	
EC>10-12	6%	760 (283) ^{vap}	760 (283) ^{vap}	7,300	47,000 (283) ^{vap}	13,000	24,000 (283) ^{vap}	LQM S4UL	
EC>12-16	6%	4,300 (142) ^{sol}	4,400 (142) ^{sol}	13,000	90,000 (142) ^{sol}	13,000	26,000 (142) ^{sol}	LQM S4UL	
EC>16-35	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f	LQM S4UL	
EC>35-44	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f	LQM S4UL	
Aromatic									
EC5-7(benzene as non-	1%	70	370	13	26,000 (1,220) ^{sol}	56,000	76,000 (1,220) ^{sol}	LQM S4UL	
EC>7-8(toluene)	1%	130	860	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}	LQM S4UL	
EC>8-10	1%	34	47	8.6	3,500 (613) ^{vap}	5,000	7,200 (613) ^{vap}	LQM S4UL	
EC>10-12	1%	74	250	13	16,000 (364) ^{sol}	5,000	9,200 (364) ^{sol}	LQM S4UL	
EC>12-16	1%	140	1,800	23	36,000 (169) ^{sol}	5,100	10,000	LQM S4UL	
EC>16-21	1%	260 ^f	1,900 ^f	46 ^f	28,000 ^f	3,800 ^f	7,600 ^f	LQM S4UL	
EC>21-35	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
EC>35-44	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
Aromatic									
EC5-7(benzene as non-	2.5%	140	690	27	46,000 (2,260) ^{sol}	56,000	84,000 (2,260) ^{sol}	LQM S4UL	
EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) ^{sol}	56,000	95,000 (1,920) ^{sol}	LQM S4UL	
EC>8-10	2.5%	83	110	21	8,100 (1,500) ^{vap}	5,000	8,500 (1,500) ^{vap}	LQM S4UL	
EC>10-12	2.5%	180	590	31	28,000 (899) ^{sol}	5,000	9,700 (899) ^{sol}	LQM S4UL	
EC>12-16	2.5%	330	2,300 (419) ^{sol}	57	37,000	5,100	10,000	LQM S4UL	
EC>16-21	2.5%	540 ^f	1,900 ^f	110 ^f	28,000 ^f	3,800 ^f	7,700 ^f	LQM S4UL	
EC>21-35	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
EC>35-44	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
Aromatic									
EC5-7(benzene as non-	6%	300	1,400	57	86,000 (4,710) ^{sol}	56,000	92,000 (4,710) ^{sol}	LQM S4UL	
EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360)	LQM S4UL	
EC>8-10	6%	190	270	51	17,000 (3,580) ^{vap}	5,000	9,300 (3,580) ^{vap}	LQM S4UL	
EC>10-12	6%	380	1,200	4	34,000 (2,150) ^{sol}	5,000	10,000	LQM S4UL	
EC>12-16	6%	660	2,500	130	38,000	5,100	10,000	LQM S4UL	
EC>16-21	6%	930 ^f	1,900 ^f	260 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
EC>21-35	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f	LQM S4UL	
EC>35-44	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f	LQM S4UL	
Aliphatic +Aromatic >EC44	1%	1,600 ^f	1,900 ^f	1,200 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
	2.5%	1,800 ^f	1,900 ^f	2,100 ^f	28,000 ^f	3,800 ^f	7,800 ^f	LQM S4UL	
	6%	1,900 ^f	1,900 ^f	3,000 ^f	28,000 ^f	3,800 ^f	7,900 ^f	LQM S4UL	

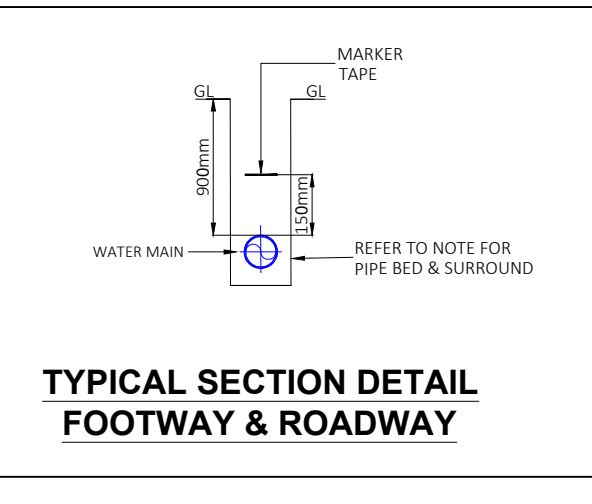
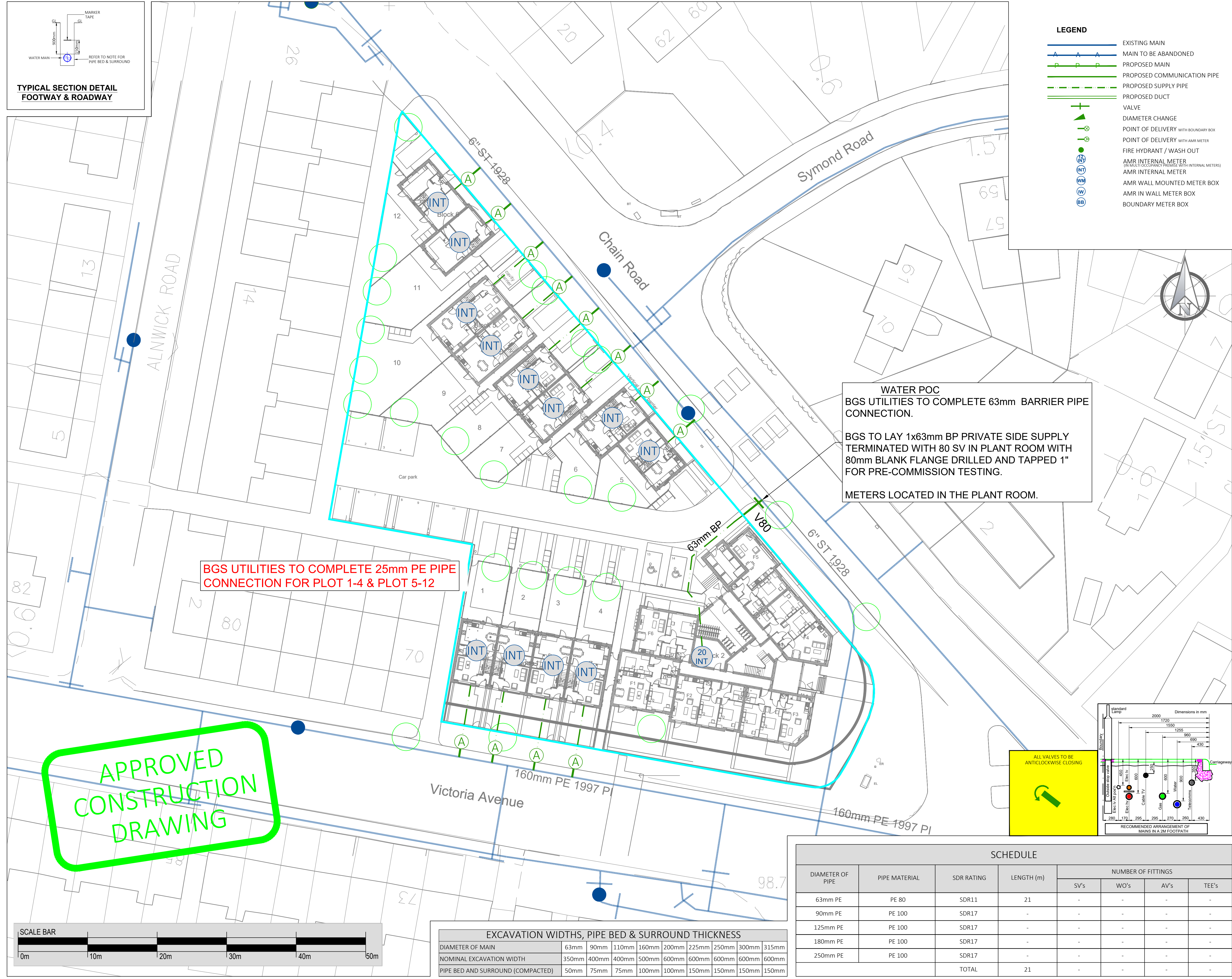
Generic Assessment Criteria Values

Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS ^{res} i	POS ^{res} park	Source
Chloroalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	0.0071	0.0092	0.0046	0.67	29	21	LQM S4UL
		2.5%	0.0110	0.0130	0.0083	0.97	29	24	LQM S4UL
		6%	0.0190	0.0230	0.0160	1.7	29	28	LQM S4UL
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}	LQM S4UL
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}	LQM S4UL
		6%	39	40	240	3,000	140,000	100,000 (6,392)	LQM S4UL
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800	LQM S4UL
		2.5%	3.4	8.0	0.89	550	1,400	2,100	LQM S4UL
		6%	7.5	17	2.0	1,100	1,400	2,300	LQM S4UL
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500	LQM S4UL
		2.5%	2.8	3.5	1.9	250	1,400	1,800	LQM S4UL
		6%	6.4	8.2	4.4	560	1,400	2,100	LQM S4UL
	Tetrachloroethene (PCE)	1%	0.31	0.32	2.00	24	3,200	1400	DEFRA C4SL
		2.5%	0.70	0.71	4.8	55	3,300	1900	DEFRA C4SL
		6%	1.60	1.60	11.0	130	3,400	2,500	DEFRA C4SL
	Tetrachloromethane (carbon tetrachloride)	1%	0.03	0.03	0.45	2.9	890	190	LQM S4UL
		2.5%	0.06	0.06	1.0	6.3	920	270	LQM S4UL
		6%	0.13	0.13	2.4	14	950	400	LQM S4UL
	Trichloroethene (TCE)	1%	0.009	0.010	0.032	0.7	76.0	41.0	DEFRA C4SL
		2.5%	0.020	0.020	0.072	1.5	78.0	51.0	DEFRA C4SL
		6%	0.043	0.045	0.160	3.4	79.0	69.0	DEFRA C4SL
	cis 1,2-dichloroethene	1%	0.46	0.50	0.890	38	3,800	2,000	DEFRA C4SL
		2.5%	0.78	0.84	1.70	64	3,800	2,400	DEFRA C4SL
		6%	1.50	1.60	3.60	120	3,900	3,100	DEFRA C4SL
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600	LQM S4UL
		2.5%	1.7	2.1	0.83	170	2,500	2,800	LQM S4UL
		6%	3.4	4.2	1.7	350	2,500	3,100	LQM S4UL
	Trans-1,2 Dichloroethene	1%	0.9	0.9	3.7	69	13,000	5,600	DEFRA C4SL
		2.5%	1.6	1.7	7.5	120	13,000	7,000	DEFRA C4SL
		6%	3.3	3.4	16.0	260	13,000	9,100	DEFRA C4SL
	Chloroethene (vinyl chloride)	1%	0.006	0.015	0.0017	1.1E+00	7.8	18.0	DEFRA C4SL
		2.5%	0.010	0.019	0.0031	1.4E+00	7.8	19.0	DEFRA C4SL
		6%	0.017	0.029	0.0058	2.20	7.8	19.0	DEFRA C4SL
	2,4,6-Trinitrotoluene (TNT)	1%	1.6	65	0.24	1,000	130	260	LQM S4UL
		2.5%	3.7	66	0.58	1,000	130	270	LQM S4UL
		6%	8.1	66	1.4	1,000	130	270	LQM S4UL
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}	LQM S4UL
		2.5%	250	13,000	38	210,000	26,000	51,000	LQM S4UL
		6%	540	13,000	85	210,000	27,000	53,000	LQM S4UL
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}	LQM S4UL
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}	LQM S4UL
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}	LQM S4UL
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30	LQM S4UL
		2.5%	6.6	7.4	6.1	170	18	31	LQM S4UL
		6%	7.1	7.5	9.8	170	18	31	LQM S4UL
	Dieldrin	1%	0.97	7.0	0.17	170	18	30	LQM S4UL
		2.5%	2.0	7.3	0.41	170	18	30	LQM S4UL
		6%	3.5	7.4	0.96	170	18	31	LQM S4UL
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300	LQM S4UL
		2.5%	7.8	620	1.2	9,400	1,200	2,400	LQM S4UL
		6%	17.4	620	2.7	9,400	1,200	2,400	LQM S4UL
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26	LQM S4UL
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26	LQM S4UL
		6%	0.14	6.6	2.2E-02	140	16	27	LQM S4UL
	Endosulfans (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300	LQM S4UL
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400	LQM S4UL
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500	LQM S4UL
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15	LQM S4UL
		2.5%	0.2	3.8	3.2E-02	65	8.1	15	LQM S4UL
		6%	0.46	3.8	7.7E-02	65	8.1	16	LQM S4UL
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}	LQM S4UL
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}	LQM S4UL
		6%	2.4	2.4	32	290	14,000	2,900	LQM S4UL
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}	LQM S4UL
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}	LQM S4UL
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}	LQM S4UL
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}	LQM S4UL
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}	LQM S4UL
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}	LQM S4UL
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}	LQM S4UL
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120	LQM S4UL
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130	LQM S4UL
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190	LQM S4UL
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190	LQM S4UL
		6%	22	38	7.0	830	100	190	LQM S4UL
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30	LQM S4UL
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30	LQM S4UL
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30	LQM S4UL

Generic Assessment Criteria Values

Contaminant		SOM	Res +	Res -	Allot.	Comm.	POSresi	POSpark	Source
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 ^g	94	0.13 ^g	3,500	620	1,100	LQM S4UL
		2.5%	2.0	150	0.30	4,000	620	1,100	LQM S4UL
		6%	4.5	210	0.70	4,300	620	1,100	LQM S4UL
	Pentachlorophenol	1%	0.22	27 (16.4) ^{vap}	3.0E-02	400	60	110	LQM S4UL
		2.5%	0.52	29	8.0E-02	400	60	120	LQM S4UL
		6%	1.2	31	0.19	400	60	120	LQM S4UL
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300	LQM S4UL
		2.5%	0.29	0.29	10	22	11,000	1,900	LQM S4UL
		6%	0.62	0.62	23	47	11,000	2,700	LQM S4UL
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48	LQM S4UL
		2.5%	0.7	0.78	0.61	66	25	50	LQM S4UL
		6%	1.6	1.8	1.4	120	25	51	LQM S4UL
	Phenol	1%	120	440 (460)	23	440 ^{dir} (26,000)	440 ^{dir} (10,000)	440 ^{dir} (7,600)	LQM S4UL
		2.5%	200	690	42	690 ^{dir} (30,000)	690 ^{dir} (10,000)	690 ^{dir} (8,300)	LQM S4UL
		6%	380	1,200	83	1,300 ^{dir} (34,000)	1,300 ^{dir} (10,000)	1,300 ^{dir} (9,300)	LQM S4UL
sol/vap = solubility/vapour limit (potentially use if free product identified, although highly conservative)									
* = naphthalene C4SL exceeds the CLEA calculated soil saturation concentration (76 mg kg-1 for 1% SOM, 183 mg kg-1 for 2.5% SOM and 432 mg kg-1 for 6% SOM)									
f = oral, dermal and inhalation exposures compared to oral HCV									
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-tetrachlorophenol									

Appendix C – Pipeline Route Plan



- LEGEND**
- EXISTING MAIN
 - MAIN TO BE ABANDONED
 - PROPOSED MAIN
 - PROPOSED COMMUNICATION PIPE
 - PROPOSED SUPPLY PIPE
 - PROPOSED DUCT
 - VALVE
 - DIAMETER CHANGE
 - POINT OF DELIVERY WITH BOUNDARY BOX
 - POINT OF DELIVERY WITH AMR METER
 - FIRE HYDRANT / WASH OUT
 - AMR INTERNAL METER (IN MULTI OCCUPANCY PREMISES WITH INTERNAL METERS)
 - AMR INTERNAL METER
 - AMR WALL MOUNTED METER BOX
 - AMR IN WALL METER BOX
 - BOUNDARY METER BOX

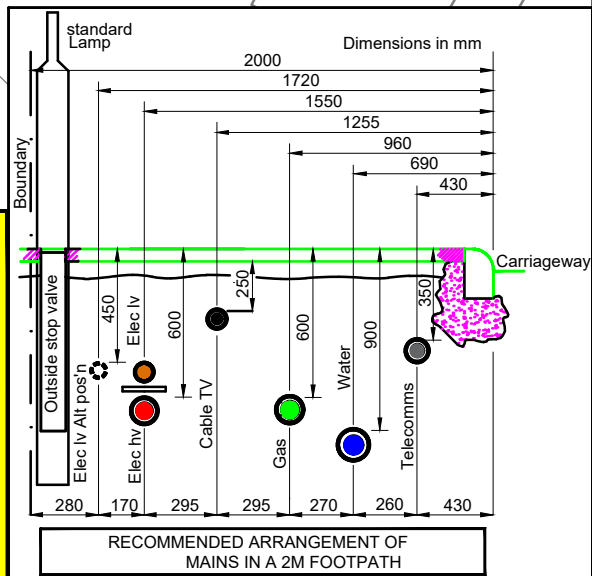
WATER POC
BGS UTILITIES TO COMPLETE 63mm BARRIER PIPE CONNECTION.

BGS TO LAY 1x63mm BP PRIVATE SIDE SUPPLY TERMINATED WITH 80 SV IN PLANT ROOM WITH 80mm BLANK FLANGE DRILLED AND TAPPED 1" FOR PRE-COMMISSION TESTING.

METERS LOCATED IN THE PLANT ROOM.

BGS UTILITIES TO COMPLETE 25mm PE PIPE CONNECTION FOR PLOT 1-4 & PLOT 5-12

APPROVED
CONSTRUCTION
DRAWING



SCHEDULE							
DIAMETER OF PIPE	PIPE MATERIAL	SDR RATING	LENGTH (m)	NUMBER OF FITTINGS			
				SV's	WO's	AV's	TEE's
63mm PE	PE 80	SDR11	21	-	-	-	-
90mm PE	PE 100	SDR17	-	-	-	-	-
125mm PE	PE 100	SDR17	-	-	-	-	-
180mm PE	PE 100	SDR17	-	-	-	-	-
250mm PE	PE 100	SDR17	-	-	-	-	-
TOTAL			21	-	-	-	-

EXCAVATION WIDTHS, PIPE BED & SURROUND THICKNESS										
DIAMETER OF MAIN	63mm	90mm	110mm	160mm	200mm	225mm	250mm	300mm	315mm	
NOMINAL EXCAVATION WIDTH	350mm	400mm	400mm	500mm	600mm	600mm	600mm	600mm	600mm	
PIPE BED AND SURROUND (COMPACTED)	50mm	75mm	75mm	100mm	100mm	150mm	150mm	150mm	150mm	



Notes:

GENERAL

1. THIS DRAWING IS FOR PLANNING PURPOSES. CONSULT ALL UTILITY PLANS BEFORE ANY EXCAVATIONS.

2. THIS DRAWING DOES NOT INTEND TO IDENTIFY THE EXACT POSITION OF THE EXISTING APPARATUS. LOCATION OF THE EXISTING APPARATUS MUST IN ALL CASES BE IDENTIFIED BY CONSULTING THE RELEVANT NETWORK OWNERS IN THE AREA.

SERVICE CONNECTIONS

ALL STANDARD SIZE SERVICE CONNECTION PIPEWORK TO BE 25mm DIAMETER UNLESS STATED OTHERWISE.

METERING DETAILS

IT IS UU POLICY TO FIT AMR METERS UNLESS AGREED AND SPECIFIED OTHERWISE. METER LOCATIONS WILL BE INTERNAL WITHIN THE BUILDING OR WITHIN THE WALLS OF THE BUILDING. STANDARD SIZE HOUSEHOLD METERS WILL BE 15MM DIAMETER UNLESS AGREED AND SPECIFIED OTHERWISE.

CONTESTABLE WORKS

ALL SERVICES TO BE INSTALLED BY BGS UTILITIES.

1x63mm SERVICE CONNECTION TO BE COMPLETED BY BGS UTILITIES.

12x25mm SERVICE CONNECTION TO BE COMPLETED BY BGS UTILITIES.

NON-CONTESTABLE WORKS

NONE.

CONNECTIONS OFF EXISTING MAINS

NONE.

CONNECTIONS OFF EXISTING MAINS

PLOT 1-4 & PLOT 5-12 TOTAL 12 PLOTS TO BE INSTALLED BY BGS UTILITIES.

APARTMENT BLOCK 13-32 TO BE CONNECTED OFF EXISTING MAIN BY BGS UTILITIES.

METERS

METERS TO PLOT 1 TO 12 AND APARTMENTS 13-32. TOTAL 32 METERS TO BE INSTALLED BY BGS UTILITIES.

FIRE HYDRANTS

N/A.

HYDRANTS/WASHOUTS

ALL WASHOUT HYDRANTS AND FIRE HYDRANTS SHALL BE THROUGH BORE TYPE.

CONTAMINATED LAND

AS THE SITE HAS BEEN SHOWN TO HAVE A DEGREE OF CONTAMINATION PRESENT. OUR PROPOSALS INVOLVE THE LAYING OF MAINS & SERVICES IN USING AN APPROVED BARRIER PIPE SYSTEM WHICH WILL PROTECT WATER SUPPLIES FROM INGRESS OF SUCH CONTAMINANTS. ALL PIPES AND FITTINGS TO BE INSTALLED BY UU AND SLO/DEVELOPER MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION TO FORM A COMPLETE APPROVED BARRIER PIPE SYSTEM.

EXTERNAL CONTROL FOR INTERNAL METERS - CONTAMINATED LAND

THE DEVELOPER MUST INSTALL A WRAS APPROVED METER BOX FOR THE EXTERNAL CONTROL. WHERE A MULTI-PORT CONTROL IS REQUIRED FOR MULTI-OCCUPANCY PREMISES A WRAS APPROVED GUN METAL MANIFOLD SHOULD BE USED AND INSTALLED IN A PURPOSE BUILT (BRICK/PRE-CAST) CHAMBER SUITABLE FOR USE IN CONTAMINATED LAND. ALL INSTALLATIONS MUST BE IN ACCORDANCE WITH UU WATER METERING POLICY AND THE MANUFACTURERS INSTRUCTIONS.

EXTERNAL CONTROL FOR INTERNAL METERS

THE DEVELOPER MUST INSTALL A WRAS APPROVED METER BOX FOR THE EXTERNAL CONTROL. WHERE A MULTI-PORT CONTROL IS REQUIRED FOR MULTI-OCCUPANCY PREMISES A WRAS APPROVED MULTI-PORT METER CHAMBER SHOULD BE USED. ALL INSTALLATIONS MUST BE IN ACCORDANCE WITH UU WATER METERING POLICY AND THE MANUFACTURERS INSTRUCTIONS.

WATER REGS COMPLIANCE

BGS UTILITIES CONSTRUCTION DEPARTMENT TO ARRANGE ANY NECESSARY UU REGULATIONS BY LAWS INSPECTION WHILE SERVICE LAYING IN PROGRESS. ALLOW THREE WORKING DAYS FOR UU TO ATTEND.

SEWERAGE DETAILS

PLOTS 1 TO 32, TOTAL 32 PLOTS TO BE CONNECTED TO UU FOUL AND SURFACE WATER SEWERS.

04	BP PIPE TO BE USED FOR THE APARTMENTS	OR	APP.	29/01/23
03	METER FOR APARTMENTS AMENDED	OR	UNAPP.	19/01/23
02	LAYOUT & DRAINAGE UPDATED	MK	UNAPP.	10/10/22
01	PIPE TYPE SPECIFICATION	MK	UNAPP.	12/09/22
00	FIRST DRAFT	MK	UNAPP.	17/08/22
REV:	DESCRIPTION:	BY:	STATUS:	DATE:

UNITED UTILITIES
02487527

DESIGNER: DAVID CONDE
07853 441818

OS REFERENCE:
E: 385999 N: 404147

DEVELOPER DETAILS:
TERRA NOVA DEVELOPMENTS LIMITED



SLO
BGS UTILITIES
LOVELL HOUSE
BIRCHWOOD PARK,
WARRINGTON,
WA3 6FW

SITE:
CHAIN ROAD,
MANCHESTER,
M9 6QX

TITLE:
WATER CONSTRUCTION PLAN

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:250	10/10/22	MK	DCI
DRAWING NO:	SLO NO:	DOCI NO:	REVISION:
DACI-3399-W01	SRN1933	3399	04

Appendix D – Examples of Waste Disposal Tickets

URNW

Utility Recycling North West Limited
Sandfold House, Sandfold Lane
Manchester M19 3BJ
Tel - 0161 554 0337
Email - enquiries@urnw.co.uk

COLLECTION / DELIVERY NOTE

2346

WCL No: CBDU309588

SIC CODE:

Date: 10/09/24

Customer: CHADWELL CONSTRUCTION c/o GNS

Location: CHAIN RD M9

Vehicle Reg:

Vehicle Type:

8W TIPPER

6W GRAB

8W GRAB

OTHER

Material:

Weight: Tonne/KG

Delays or waiting time

Gross: AAR DEP HR

Tare: Reason for delay:

EWC Code: Net:

Daywork Hours Worked Travel Time Total Time

Consignee Signature: Time:

Print Name:

CONDITION OF SALE: It is essential that all written particulars entered above should be carefully checked by the consignee since the delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately.

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG

Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673

Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 365589

Date: 23.10.23

WCL No: CB/DU181466

SIC CODE:

Customer:

CALDWELL

Location:

CHAIN RD BLACKLEY M1CR

Vehicle Reg:

PN19 HRL

Driver Name:

LEE

Vehicle Type:

8W TIPPER	☒	6W GRAB	☐	8W GRAB	☐	OTHER	☐
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material:

Weight:

Weight:

TONNE / KG

DELAYS OR WAITING TIME

NON HAZ
MUCK

Gross:

1X8 W

ARR

LOAD COL

DEP

HR

Tare:

REASON FOR DELAY:

EWC Code:

Net:

Daywork:

Hours Worked:

Travel Time:

Total Time:

Consignee Signature:

Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG

Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673

Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 366647

Date: 16-10-23

WCL No: CB/DU181466

SIC CODE:

Customer:

CALDWELLS

Location:

CHAIN RD BLACKLEY

Vehicle Reg:

PN19HRK Driver Name: LEE

Vehicle Type:

8W TIPPER	☒	6W GRAB	☐	8W GRAB	☐	OTHER	☐
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Material:

Weight: Weight:

TONNE / KG

DELAYS OR WAITING TIME

INERT
MUCK

Gross:

1X8 W LOAD

ARR

DEP

HR

Tare:

REASON FOR DELAY:

EWC Code:

Net:

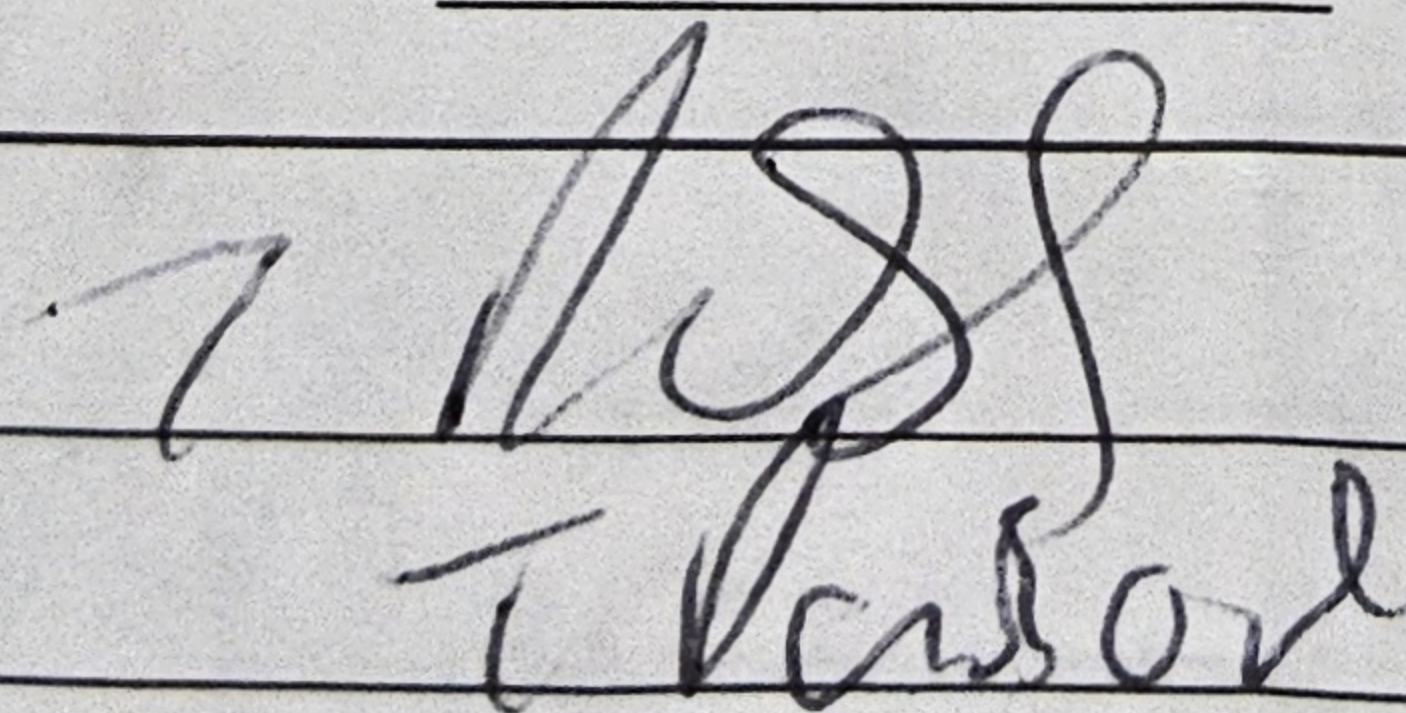
Daywork:

Hours Worked:

Travel Time:

Total Time:

Consignee Signature:



Time:

Print Name:

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

DHI Excavations Ltd

Collection / Delivery Note

Bulk Excavation • Demolition • Aggregates • Soils • Grab Hire • Tipper Hire

11 - 13 Church Street, Farnworth, Bolton. BL4 8AG

Tel: 0161 794 4550 • fax: 0161 790 8088 • mobile: 07921 833673

Email: enquiries@dhiexcavations.co.uk Web: www.dhiexcavations.co.uk

No: 366649

Date: 16.10.23

WCL No: CB/DU181466

SIC CODE:

Customer:

CALDWELL

Location:

CHAIN RD BLACKLEY

Vehicle Reg:

PN19 ARK Driver Name: LEB

Vehicle Type:

8W TIPPER	☒	6W GRAB	☐	8W GRAB	☐	OTHER	☐
-----------	-------------------------------------	---------	--------------------------	---------	--------------------------	-------	--------------------------

Material:

Weight: Weight:

TONNE / KG

DELAYS OR WAITING TIME

INERT
MUCK

Gross:

1 X 8 W LOAD

ARR

DEP

HR

Tare:

REASON FOR DELAY:

EWC Code:

Net:

Daywork:

Hours Worked:

Travel Time:

Total Time:

Consignee Signature:

[Signature]

Time:

Print Name:

Jim Bunn

Conditions of Sale: it is essential that all written particulars entered above should be carefully checked by the consignee since this delivery note, once signed by the consignee represents formal acceptance of the material in good order and condition and subsequent complaints cannot be accepted. All complaints whether in respect of material or circumstance of delivery must be made to the driver of the vehicle and confirmed in writing direct to the company immediately

Appendix E - References

¹ DCL (2024). "National Planning Policy Framework." Department of Communities and Local Government.

² BSI (2019). "Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings" BS8485:2015+A1:2019.

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