

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Not Supplied - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Olenekian
	MM	Manchester Marls Formation	Mudstone	Not Supplied - GUADALUPIAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisuralian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	NR	Nob End Rock	Sandstone	Not Supplied - Westphalian
	NHSS	Newton Heath Sandstone	Sandstone	Not Supplied - Westphalian
	WDR	Worsley Delf Rock	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

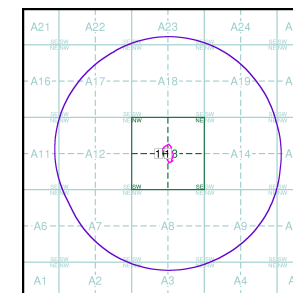
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 085
Map Name: Manchester
Map Date: 2010
Bedrock Geology: Available
Superficial Geology: Not Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Not Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number: 284482743_1_1
Customer Reference: 31990
National Grid Reference: 381190, 405710
Slice: A
Site Area (Ha): 0.97
Search Buffer (m): 1000

Site Details:

11, Oxford Avenue, Whitefield, MANCHESTER, M45 6DQ

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

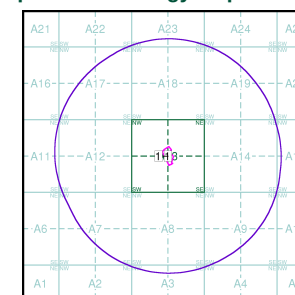
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A

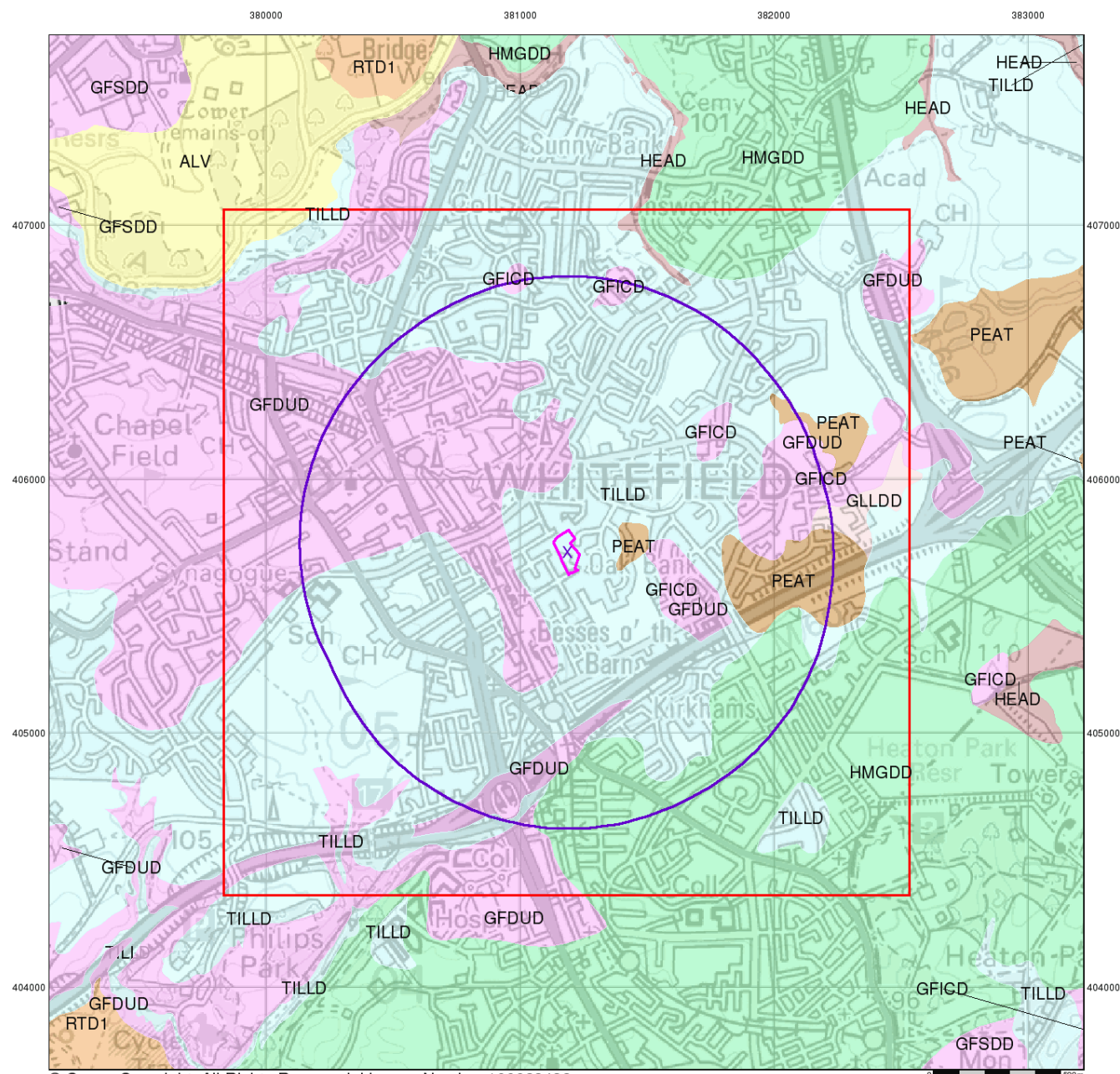


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 Customer Reference: 31990
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Bedrock and Faults

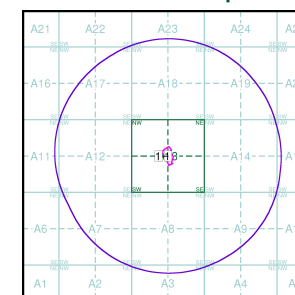
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A

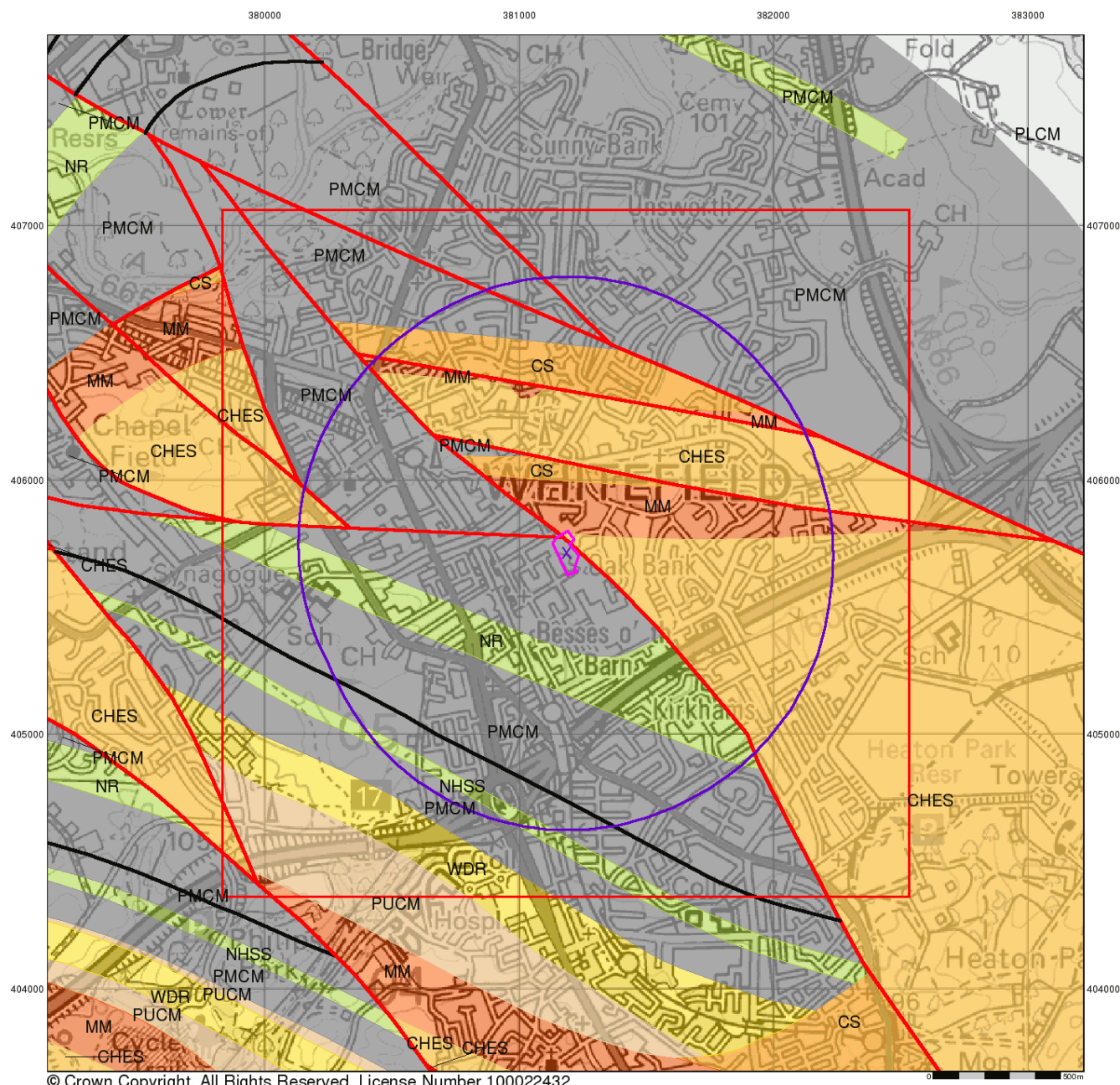


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Appendix B: Photographic Log

Photographic Log



Plate 1 Site Access road



Plate 2 The remains of the access road



Plate 3 The area of limestone hardcore



Plate 4 Overgrown plants



Plate 5 View from the top of the ridge looking east



Plate 6 Detail of removed manhole cover and fly tipped material



Plate 7 Looking west from the base of the ridge (photo taken during Site Investigation)



Plate 7 Looking north west towards the ridge of high ground (photo taken during Site Investigation)

Appendix C: Linesearch and Services

Sutcliffe Projects Ltd

**18-20
Harrington Street,
Liverpool,
L2 9QA**

FAO:

How to contact us:

**United Utilities Water Limited
Property Searches
Haweswater House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP**

Telephone: 0370 7510101

E-mail: propertysearches@uuplc.co.uk

**Your Ref: 31990LG/8729
Our Ref: UUPS-ORD-323499
Date: 09/09/2021**

Dear Sirs

Location: 1 OXFORD AVENUE, WHITEFIELD, MANCHESTER, M45 6DQ

I acknowledge with thanks your request dated 06/09/2021 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

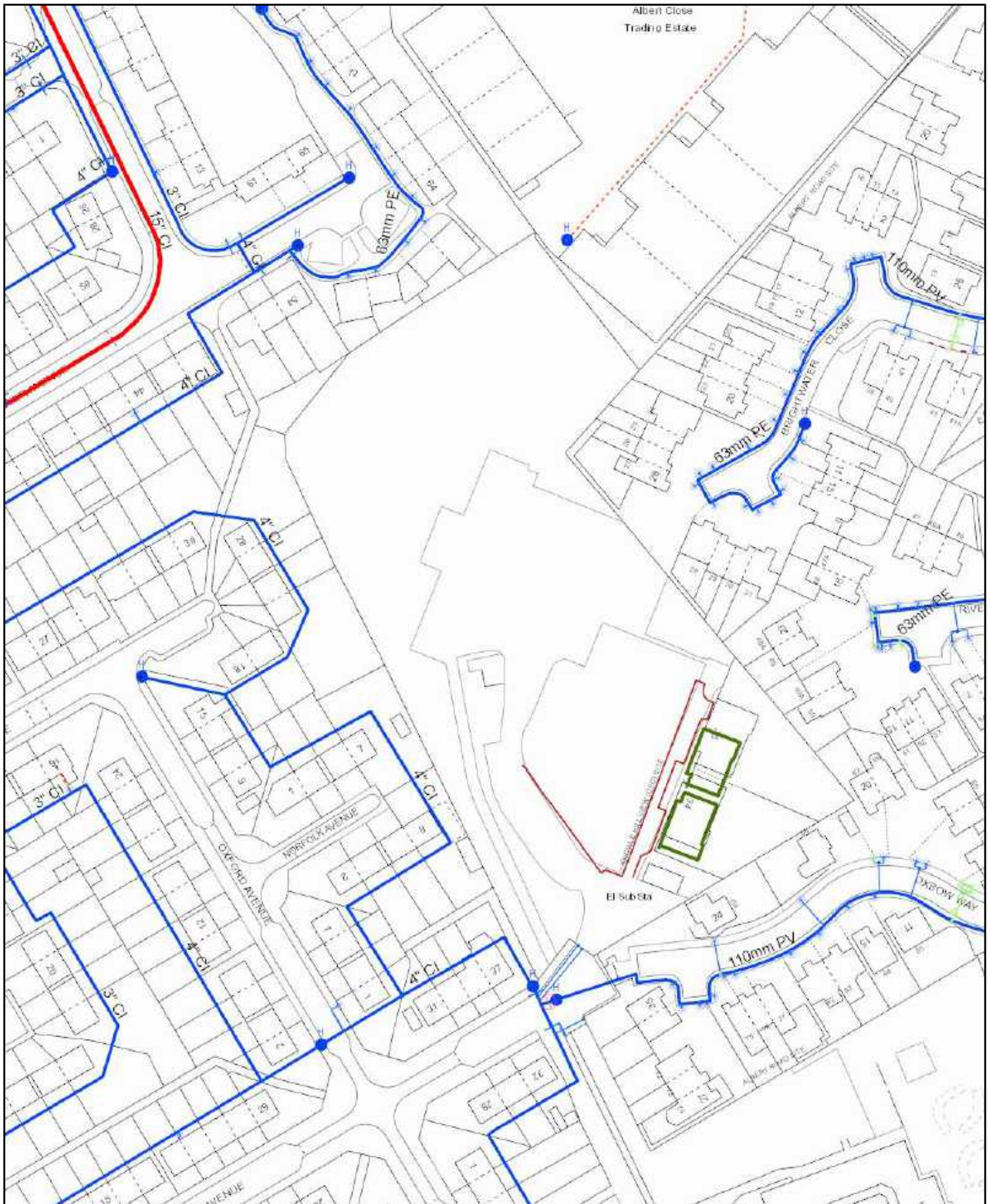
TERMS AND CONDITIONS:

- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
- The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
- The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
- This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
- No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
- If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and affect.
- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.

Clean Water Symbolology

Proposed	Abandoned	Live	
			Distribution Main
			Trunk Main
			Comms Pipe
			Private Pipe
			Concessionary Service
			Raw Water
			LDTM Raw Water
			LDTM Treated Water
			Air Valve
			AC Valve, open
			AC Valve, closed
			CC Valve, open
			CC Valve, closed
			Non Return Valve
			Pressure Management Valve
			OMS Valve
			Stop Tap
			Flow Meter
			Domestic Meter
			Commercial Meter
			Pump
			Hydrant
			Fire Hydrant
			Anode
			Chlorination Point
			De-chlorination Point
			Strainer Point
			Access Point
			Hatch Box
			IP Point
			Sampling Station
			Logger Box
			Bore Hole
			Inlet Point
			Bulk Supply Point
			End Cap
			Site Termination
			Change of Characteristic
			Condition Report
			<u>Property Types</u>
			Water Tower
			Valve House
			Booster Pumping Station
			Intake Pumping Station
			Water Treatment Works
			Supply Reservoir
			Service Reservoir
			Impounding Reservoir
			Pipe Bridge

Symbology for proposed assets is the same as above, but shown in **green**
Symbology for abandoned assets is the same as above, but shown in **black**



Scale: 1:1250
Date: 09/09/2021

WATER MAINS RECORDS



Water for the North West

Address or Site Reference: 1 OXFORD AVENUE, WHITEFIELD,
MANCHESTER, M45 6DQ

Printed by: Property Searches

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

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Refno	Cover	Func	Invert	Size	xy	Shape	Matt	Length	Grad	Refno	Cover	Func	Invert	Size	xy	Shape	Matt	Length	Grad
2607	CO	SW	0	89	0		VC	15.0691		2602	99.57	CO	96.88	525			CO	59.4819	
2901	CO	FO	0	600			VC	25.0292		2502	CO	0	900				BR	119.4862	
9704	CO	CO	0	150			VC	14.40628		4908	CO	0	150				VC	10.93128	
9711	CO	CO	0	150			VC	17.17587		2902	92.7	CO	88.84	150			VC	65.77125	
1611	SW	SW	225				VC	6.389587		4802	88.43	SW	86.64	675			CO	26.1725	
1408	CO	SW	0	900			VC	11.1776		4909	89.93	CO	86	1000			CO	33.13608	1 in 138
3714	SW	0	899				VC	15.33735		0005	CO	0	150				VC	6.05573	
4808	CO	1000	FO	1000			VC	24.36118		2416	CO	0	690				BR	47.55646	
0415	CO	0	150				VC	10.82643		4909	FO	0	1000				CO	29.78788	
2603	SW	0	899				VC	14.44444		2908	SW	0	599				CO	22.71793	
1502	CO	CO	0	150			VC	34.24544		1708	CO	0	150				VC	10.25658	
3907	SW	0	899				VC	29.37278		2401	97.14	CO	94.17	690			BR	9.740734	
9709	98.5	CO	96.4	225			VC	15.03248		4903	88.5	CO	85.26	1200			CO	53.00943	1 in 171
2915	CO	CO	0	150			VC	43.17607		9705	96.62	CO	93.76	460			VC	76.03204	1 in 91.8024055
1803	CO	0	1000				VC	24.4988		4908	SW	100	100				PVC	4.176723	
1402	101.45	CO	99.15				VC	5.88962		0006	CO	0	300				VC	4.607213	
2704	FO	0	600				VC	34.1321	1 in 82	4905	89.08	SW	86.93	525			CO	71.84706	1 in 276
2706	FO	0	600				VC	29.27035		2017	CO	0	150				PVC	5.27328	
0601	FO	0	999				VC	5.742994		2414	CO	0	150				VC	1.997113	
2707	CO	0	999				VC	14.86431		2018	SW	100	100				PVC	7.49688	
2713	SW	0	899				VC	28.07373		1603	97.1	CO	93.52	460			VC	26.92662	1 in 66
2603	92.85	CO	89.66	1000			VC	12.1408		2023	SW	100	100				PVC	13.91809	
3503	CO	0	899				VC	23.5372	1 in 30	1602	95.47	CO	91.72	600			CO	17.88854	1 in 105
3502	FO	0	899				VC	7.013027		0005	CO	0	300				VC	13.03567	
2706	FO	0	600				VC	21.67158		3609	SW	0	999				CO	20.43838	
3614	SW	0	899				VC	45.0518		0005	CO	0	150				VC	24.48642	
2706	FO	0	600				VC	12.59645		9901	98.78	CO	92.96	1000			CO	11.619	1 in 130
3613	SW	0	899				VC	31.79051		0001	FO	0	600				CO	36.2414	
3610	SW	0	899				VC	13.28129		0405	CO	0	100				VC	6.743693	
1412	CO	SW	0	959			VC	24.3608		9901	98.87	CO	0	585			CO	109.0424	
3616	SW	0	899				VC	43.8981		0001	FO	0	100				VC	6.715238	
1412	CO	SW	0	959			VC	10.08164		1701	96.92	CO	93.32	650			BR	32.20028	1 in 169
3616	SW	0	899				VC	27.06064		0603	CO	0	450				VC	25.4651	
9710	CO	SW	0	959			VC	6.385555		2703	93.06	CO	90.89	600			VC	23.12093	1 in 101
9710	CO	SW	0	959			VC	7.039113		4903	92.63	CO	90.53	375			VC	80.28075	
2919	CO	CO	0	150			VC	21.94246		2406	94.51	CO	90.83	560			BR	15.23155	
2602	CO	0	899				VC	17.91616											
2605	SW	0	899				VC	17.38837											
3615	SW	0	899				VC	23.23891											
0813	CO	SW	0	150			VC	16.33497											
2911	CO	SW	0	959			VC	13.20349											
2907	CO	SW	0	959			VC	12.4787											
2711	SW	0	899				VC	16.13145											
3608	SW	0	899				VC	20.2941											
1608	96.33	CO	93.99	150			VC	21.09502	1 in 17										
1403	101.79	CO	99.19	225			VC	34.95571											
1612	CO	CO	0	150			VC	19.69641											
0706	CO	CO	0	150			VC	29.071529											
3614	SW	0	899				VC	15.4646											
1413	CO	CO	0	150			VC	16.87464											
4716	CO	FO	0	100			PSC	12.06475											
4705	SW	0	899				VC	20.71746											
3604	FO	0	959				VC	18.00094											
4814	CO	CO	0	150			PSC	6.794093											
9605	FO	0	899				VC	19.41158											
3505	SW	0	899				VC	17.9548											
0705	CO	CO	0	150			VC	6.163956											
1801	97.29	CO	95.53	150			VC	22.30686											1 in 66
1501	CO	FO	0	899			VC	27.0753											
FO	CO	0	899				VC	35.00986											
4701	96.72	SW	96.95	900			VC	32.75668											1 in 33
3613	SW	0	899				VC	19.67313											
9706	96.68	CO	95.18	225			VC	13.89244	1 in 83										
2705	CO	SW	0	959			VC	20.7855											
2606	SW	0	899				VC	20.73264											
2602	CO	FO	0	899			VC	19.24788											
3616	SW	0	899				VC	39.8117											
3904	CO	CO	0	150			VC	11.21886											
1802	CO	CO	0	150			VC	22.1118											
4704	FO	0	1000				VC	42.8408											
9602	225	SW	225				VC	52.6376											
3703	CO	CO	0	150			VC	13.41563											
4911	CO	CO	0	150			VC	25.3674											
4707	SW	0	899				VC	16.9378											
9804	CO	CO	0	150			VC	2.570764											
1602	95.34	CO	92.84	225			VC	62.30381											
2702	93.11	FO	0	600			VC	14.31638											
3608	SW	0	899				VC	11.61903											
4815	CO	CO	0	150			PSC	7.925174											
3602	CO	0	899				VC	41.15961											
3011	SW	0	899				VC	22.6490											
9708	97.88	CO	0	225			VC	42.48119											
3707	FO	0	900				VC	21.7784											
2710	SW	0	899				VC	26.62272											
1604	SW	0	225				VC	6.40708											
2708	FO	0	900				VC	3.33609											
4703	SW	0	899				VC	13.32185											
9903	96.79	SW	97	150			VC	34.3105											
3609	SW	0	899				VC	16.2801											
3607	FO	0	899				VC	26.73471											
9402	CO	SW	0	150			VC	23.5485											
1405	CO	SW	0	900			VC	33.45517											
3716	SW	0	899				VC	12.5894											
2906	CO	CO	0	150			VC	11.18822											
2902	93.53	CO	93.33	150			VC	12.04159	1 in 17										
8805	SW	0	899				VC	11.24023											
2604	FO	0	899				VC	24.15091											
3511	SW	0	150				VC	13.75108											
2604	FO	0	899				VC	21.71619											
3711	SW	0	899				VC	13.07181											
3720	FO	0	899				VC	7.07511											
3608	SW	0	899				VC	5.314224											

LEGEND

All point assets follow the standard colour convention:

- red - combined
- blue - surface water
- brown - foul
- purple - overflow

Manhole

Head of System

Extent of Survey

Rodding Eye

Inlet

Discharge Point

Vortex

Penstock

Washout Chamber

Valve

Air Valve

Non Return Valve

Soakaway

Gully

Cascade

Flow Meter

Hatch Box

Oil Interceptor

Summit

Drop Shaft

Orifice Plate

Side Entry Manhole

Outfall

Screen Chamber

Inspection Chamber

Bifurcation Chamber

Lamp Hole

T Junction / Saddle

Catchpit

Valve Chamber

Vent Column

Vortex Chamber

Penstock Chamber

Network Storage Tank

Sewer Overflow

Vw Treatment Works

Vw Pumping Station

Septic Tank

Control Kiosk

▽ Change of Characteristic

MANHOLE FUNCTION

FO	Foul
SW	Surface Water
CO	Combined
OV	Overflow

SEWER SHAPE

CI	Circular	TR	Trapezoidal
EG	Egg	AR	Arch
OV	Oval	BA	Barrel
FT	Flat Top	HO	HorseShoe
RE	Rectangular	UN	Unspecified
SQ	Square		

SEWER MATERIAL

AC	Asbestos Cement
BR	Brick
PE	Polyethylene
RP	Reinforced Plastic Matrix
CO	Concrete
CSB	Concrete Segment Bolted
CSU	Concrete Segment Unbolted
CC	Concrete Box Culverted
PSC	Plastic / Steel Composite
GRC	Glass Reinforced Plastic
DI	Ductile Iron
PVC	Polyvinyl Chloride
CI	Cast Iron
SI	Spun Iron
ST	Steel
VC	Vitrified Clay
PP	Polypropylene
PF	Pitch Fibre
MAC	Masonry, Coursed
MAR	Masonry, Random
U	Unspecified

Address or Site Reference:

1 OXFORD AVENUE,
WHITEFIELD,
MANCHESTER,
M45 6DQ

Scale: 1:1250

Date: 09/09/2021

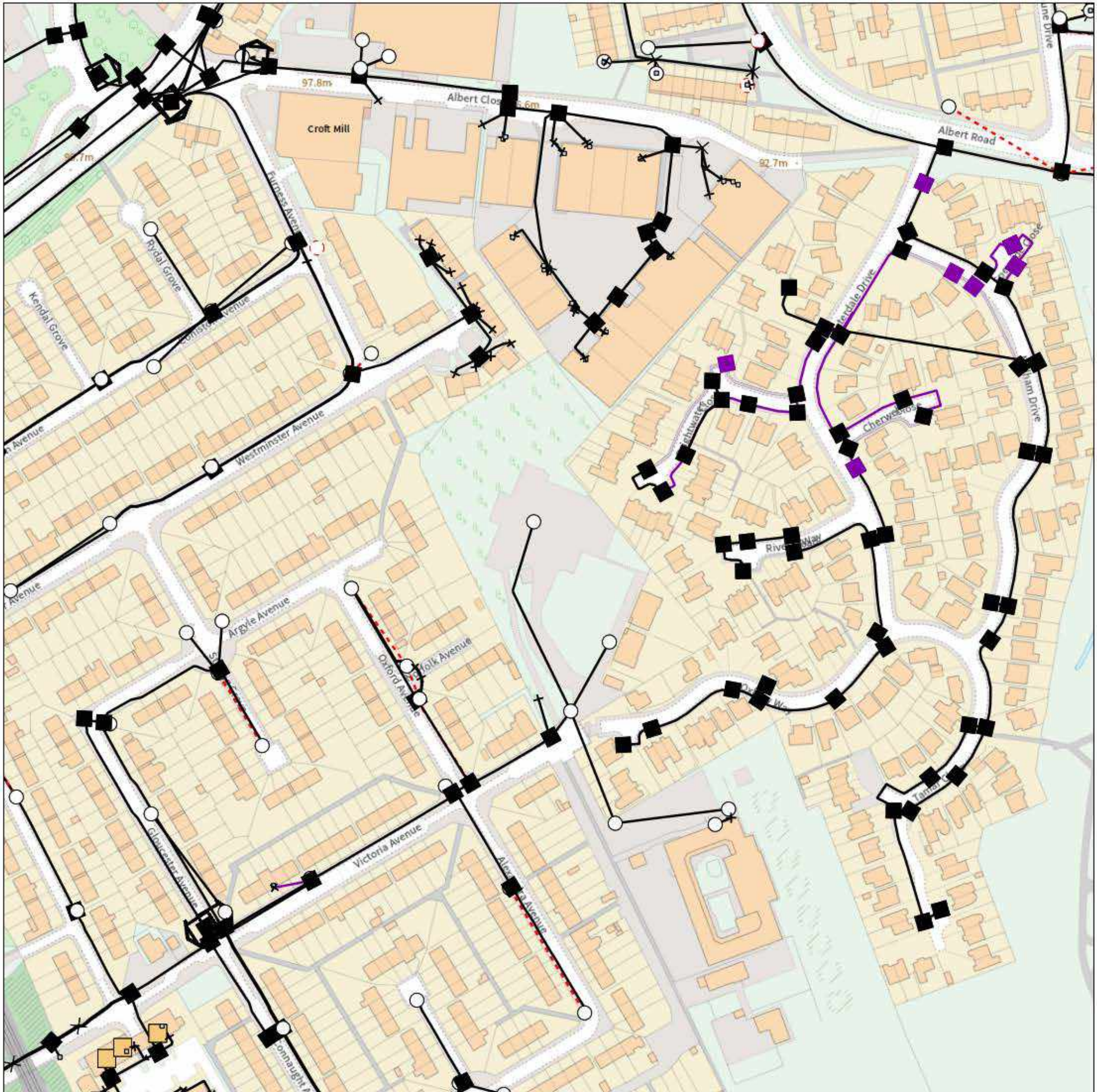
Sheet: 1 of 1

Printed by: Property Searches

SEWER

United

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.



openreach

CLICK BEFORE YOU DIG

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email cbyd@openreach.co.uk

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www.openreach.co.uk/cbyd

Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 023 (opt 1 + opt 1) and we can get it fixed ASAP

KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling	×	Built	
Pole			Duct Tee	▲	Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			Other proposed plant is shown using dashed lines. BT Symbols not listed above may be disregarded. Existing BT Plant may not be recorded. Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.			
	Pending Add	In Place	Pending Remove	Not In Use		
Power Cable						
Power Duct				N/A		

BT Ref : IMX10351A

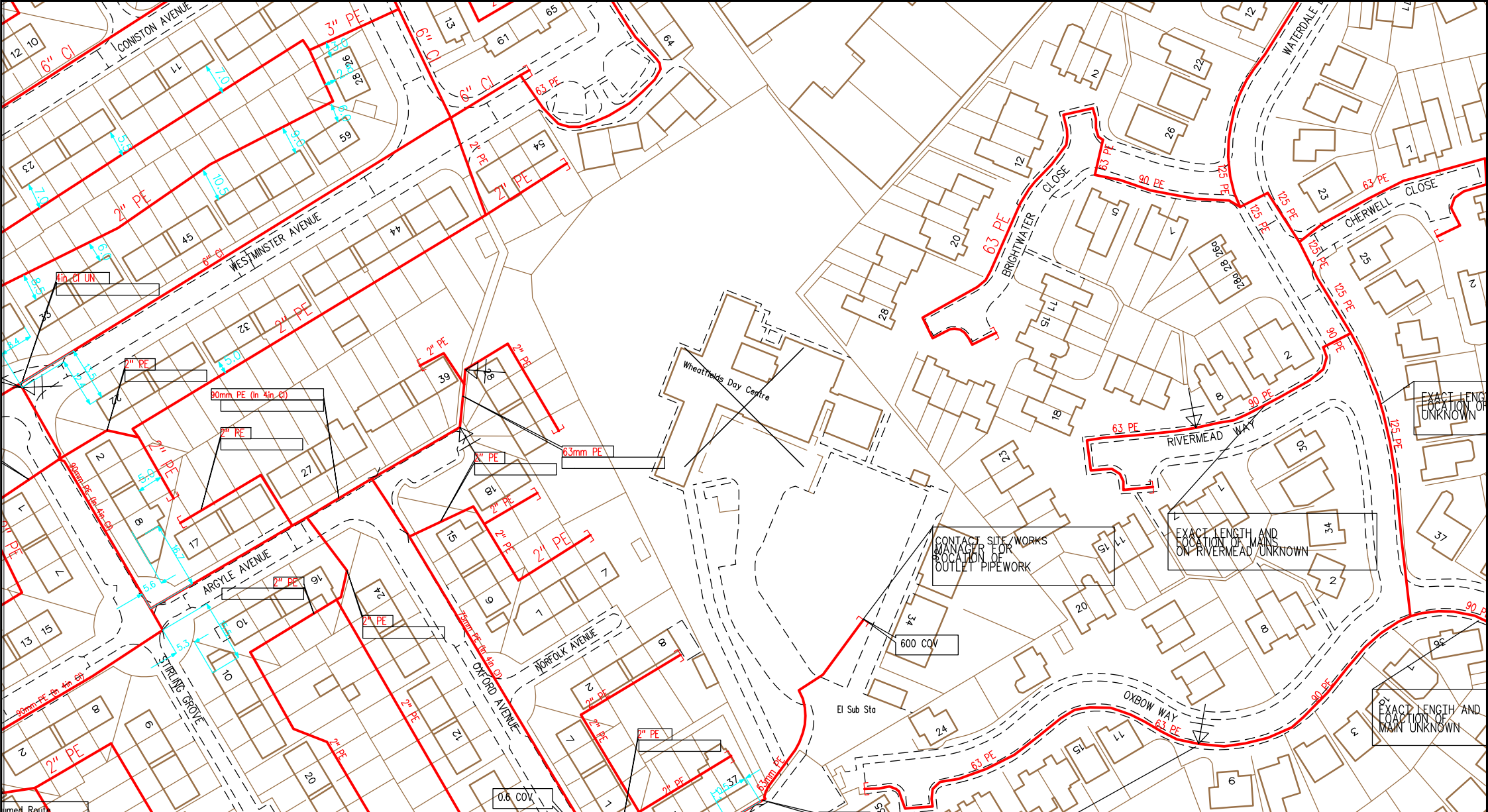
Map Reference : (centre) SD8119005710

Easting/Northing : (centre) 381190,405710

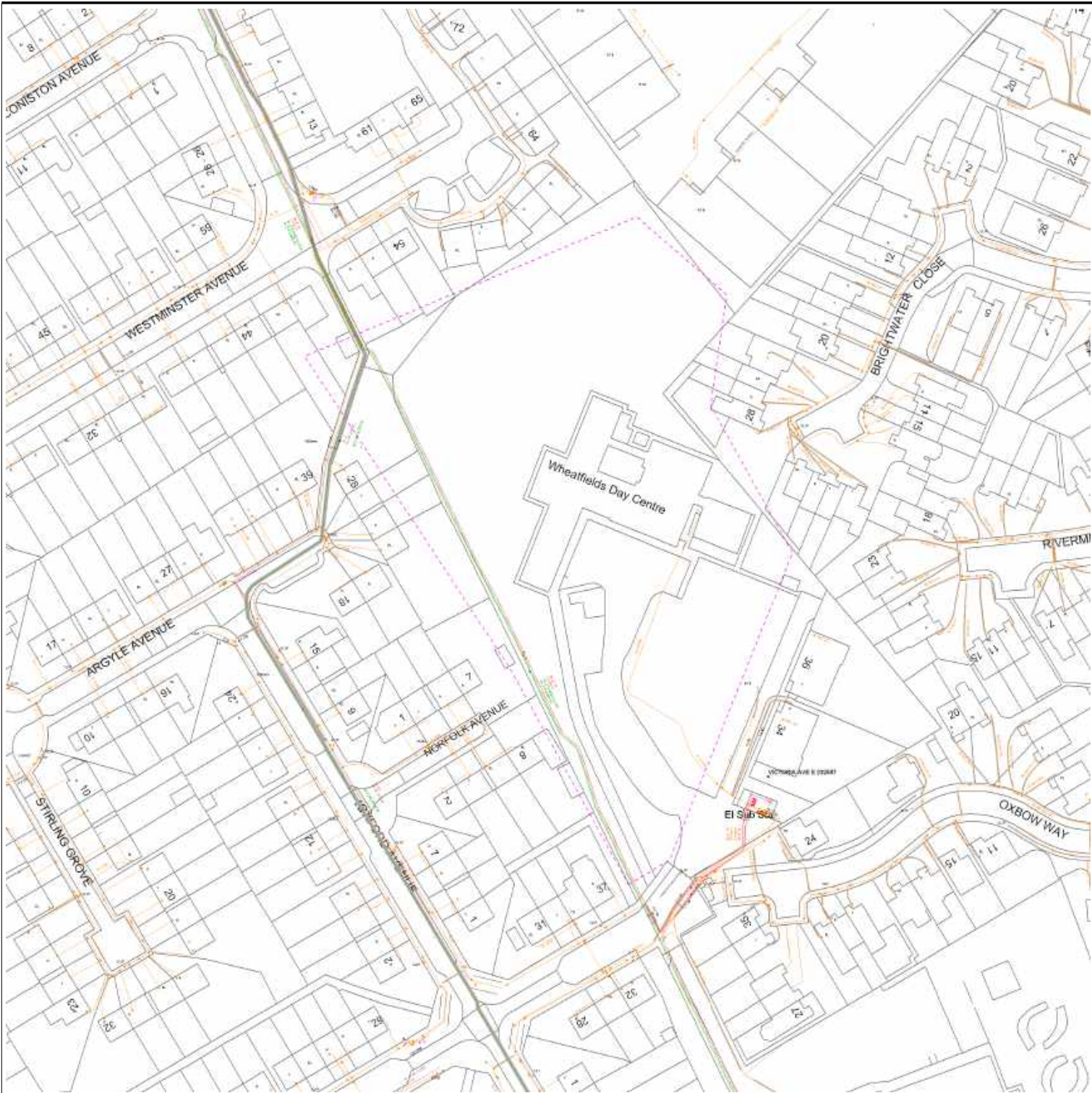
Issued : 07/09/2021 10:35:24

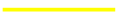
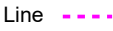
WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

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SCALE: 1 : 1250		LP MAINS MP MAINS IP MAINS LHP MAINS	This plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue. Further information on all DR4s can be determined by calling the DR4 hotline on 01455 892426 (9am-5pm) A DR4 is where a potential error has been identified within the asset record and a process is currently underway to investigate and resolve the error as appropriate.	MAPS Viewer Version 5.8.0.1
USER ID: daviese				
DATE: 06/09/2021				
EXTRACT DATE: 10/06/2021				
MAP REF: SD8105				
CENTRE: 381185, 405720			Local Machine	
Some examples of Plant Items: Valve  Depth of Cover  Syphon  Diameter Change  Material Change  Out of Standard Service 		This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.		



Requested by: Ethan Davies Company: Sutcliffe Date Requested: 06/09/2021 Job Reference: 23181413 Your Scheme/Reference: 31990LG	Operating Voltage	Colour Code	Line Colour
	132kV 33kV 22kV-25kV 11kV 6kV-6.6kV 1kV-6kV LV Unknown Voltage	Black Green Yellow Red Blue Violet Orange Brown	       
Dig Sites: Area  Line 			
Unless otherwise indicated the depth of Electricity North West Limited cables are in accordance with NJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing or from any regulatory loss of income or incentive, or expense, which may be suffered by Electricity North West Limited and which is caused or contributed to by any loss of supply as a result of any damage caused to Electricity North West Limited's equipment. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reproduced from or based upon Ordnance Survey's map with the permission of Her Majesty's Stationary Office. Crown Copyright Reserved. LICENCE No. 100017892. Unauthorised reproduction may lead to Prosecution or Civil Proceedings. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited 304 Bridgewater Place, Birchwood Park, Warrington WA3 6XG. Registered in England and Wales. Registered No 02366949			
 Data Management Electricity North West Linley House Dickinson Street Manchester, M1 4LF Phone: 0800 195 4141 Email: planrequest@enwl.co.uk Scales on A4 paper: 1:1250 Area dig site 1:250 Line dig site			

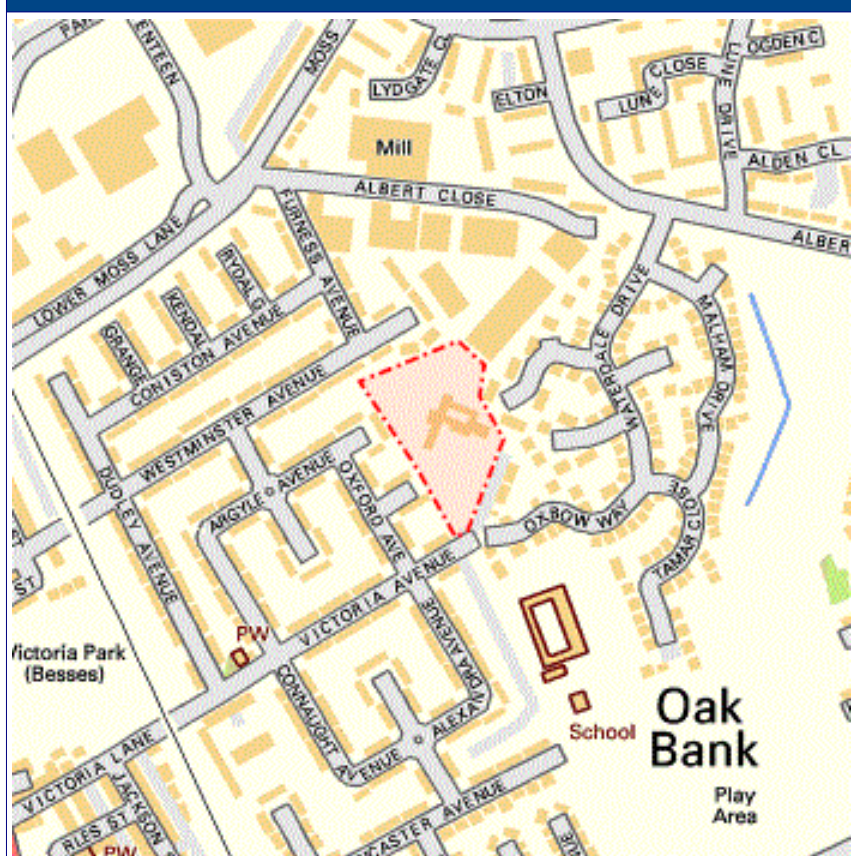
Enquirer

Name	Mr Ethan Davies	Phone	07713745469
Company	Sutcliffe	Mobile	07713745469
Address	416 Liverpool Road Southport Merseyside PR8 3BA		
Email	ethan.davies@sutcliffe.co.uk		

Enquiry Details

Scheme/Reference	31990LG		
Enquiry type	Planned Works	Work category	Excavations Non Utility
Start date	07/09/2021	Work type	Multiple excavations site (deeper th
End date	30/09/2021	Site size	10015 metres square
Searched location	m456dq	Work type buffer*	50 metres
Confirmed location	381174 405728		
Site Contact Name	Alex Tosh	Site Phone No	07773797569
Description of Works			

* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Site Map


Asset Owners

Terms and Conditions. Please note that this enquiry is subject always to our standard terms and conditions available at www.lineasearchbeforeudig.co.uk ("Terms of Use") and the disclaimer at the end of this document. Please note that in the event of any conflict or ambiguity between the terms of this Enquiry Confirmation and the Terms of Use, the Terms of Use shall take precedence.

Notes. Please ensure your contact details are correct and up to date on the system in case the LSBUD Members need to contact you.

Validity and search criteria. The results of this enquiry are based on the confirmed information you entered and are valid only as at the date of the enquiry. It is your responsibility to ensure that the Enquiry Details are correct, and LineasearchbeforeUdig accepts no responsibility for any errors or omissions in the Enquiry Details or any consequences thereof. LSBUD Members update their asset information on a regular basis so you are advised to consider this when undertaking any works. It is your responsibility to choose the period of time after which you need to resubmit any enquiry but the maximum time (after which your enquiry will no longer be dealt with by the LSBUD Helpdesk and LSBUD Members) is 28 days. If any details of the enquiry change, particularly including, but not limited to, the location of the work, then a further enquiry must be made.

Asset Owners & Responses. Please note the enquiry results include the following:

1. "LSBUD Members" who are asset owners who have registered their assets on the LSBUD service.
2. "Non LSBUD Members" are asset owners who have not registered their assets on the LSBUD service but LSBUD is aware of their existence. Please note that there could be other asset owners within your search area.

Below are three lists of asset owners:

1. **LSBUD Members who have assets registered within your search area. ("Affected")**
 - a. **These LSBUD Members will either:**
 - i. **Ask for further information ("Email Additional Info" noted in status).** The additional information includes: Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.
 - ii. **Respond directly to you ("Await Response").** In this response they may either send plans directly to you or ask for further information before being able to do so, particularly if any payments or authorisations are required.
2. **LSBUD Members who do not have assets registered within your search area. ("Not Affected")**
3. **Non LSBUD Members who may have assets within your search area.** Please note that this list is not exhaustive and all details are provided as a guide only. It is your responsibility to identify and consult with all asset owners before proceeding.

LSBUD Members who have assets registered on the LSBUD service within the vicinity of your search area.

List of affected LSBUD members

Asset Owner	Phone/Email	Emergency Only	Status
Cadent Gas	0800688588	0800111999	Await response
Electricity North West Limited	08001954141	08001954141	Await response
National Grid Electricity Transmission	01926654844	0800404090	Await response

LSBUD Members who do not have assets registered on the LSBUD service within the vicinity of your search area. Please be aware that LSBUD Members make regular changes to their assets and this list may vary for new enquiries in the same area.

List of not affected LSBUD members

AWE Pipeline	Balfour Beatty Investments Limited	BOC Limited (A Member of the Linde Group)
Box Broadband	BP Exploration Operating Company Limited	BPA
Carrington Gas Pipeline	CATS Pipeline c/o Wood Group PSN	Cemex
Centrica Storage Ltd	CNG Services Ltd	Concept Solutions People Ltd
ConocoPhillips (UK) Teesside Operator Ltd	Diamond Transmission Corporation	DIO (MOD Abandoned Pipelines)
DIO (MOD Live Pipelines)	E.ON UK CHP Limited	EirGrid
ENI & Himor c/o Penspen Ltd	EnQuest NNS Limited	EP Langage Limited
ESP Utilities Group	ESSAR	Esso Petroleum Company Limited
euNetworks Fiber UK Ltd	Exolum Pipeline System	Fulcrum Pipelines Limited
Gamma	Gas Networks Ireland (UK)	Gateshead Energy Company
Gigaclear Ltd	Gtt	Harbour Energy
Heathrow Airport LTD	Humbly Grove Energy	IGas Energy
INEOS FPS Pipelines	INEOS Manufacturing (Scotland and TSEP)	INOVYN ChlorVinyls Limited
INOVYN Enterprises Limited	Intergen (Coryton Energy or Spalding Energy)	Jurassic Fibre Ltd
Last Mile	Mainline Pipelines Limited	Manchester Jetline Limited
Manx Cable Company	Marchwood Power Ltd (Gas Pipeline)	Melbourn Solar Limited
Murphy Utility Assets	National Grid Gas Transmission	Neos Networks
Northumbrian Water Group	NPower CHP Pipelines	NTT Global Data Centers EMEA UK Ltd
NYnet Ltd	Oikos Storage Limited	Ørsted
Palm Paper Ltd	Perenco UK Limited (Purbeck Southampton Pipeline)	Petroineos
Phillips 66	Portsmouth Water	Premier Transmission Ltd (SNIP)
Redundant Pipelines - LPDA	RWE - Great Yarmouth Pipeline (Bacton to Great Yarmouth Power Station)	RWEnpower (Little Barford and South Haven)
SABIC UK Petrochemicals	Scottish and Southern Electricity Networks	Scottish Power Generation
Seabank Power Ltd	SES Water	SGN
Shell	Shell NOP	SSE Generation Ltd
SSE Transmission	SSE Utility Solutions Limited	Tata Communications (c/o JSM Construction Ltd)
Total Colnbrook Pipelines	Total Finaline Pipelines	Transmission Capital

UK Power Networks	Uniper UK Ltd	University of Cambridge Granta Backbone Network
Vattenfall	Veolia ES SELCHP Limited	Veolia ES Sheffield Ltd
VPI Power Limited	Wales and West Utilities	West of Duddon Sands Transmission Ltd
Western Power Distribution	Westminster City Council	Zayo Group UK Ltd c/o JSM Group Ltd

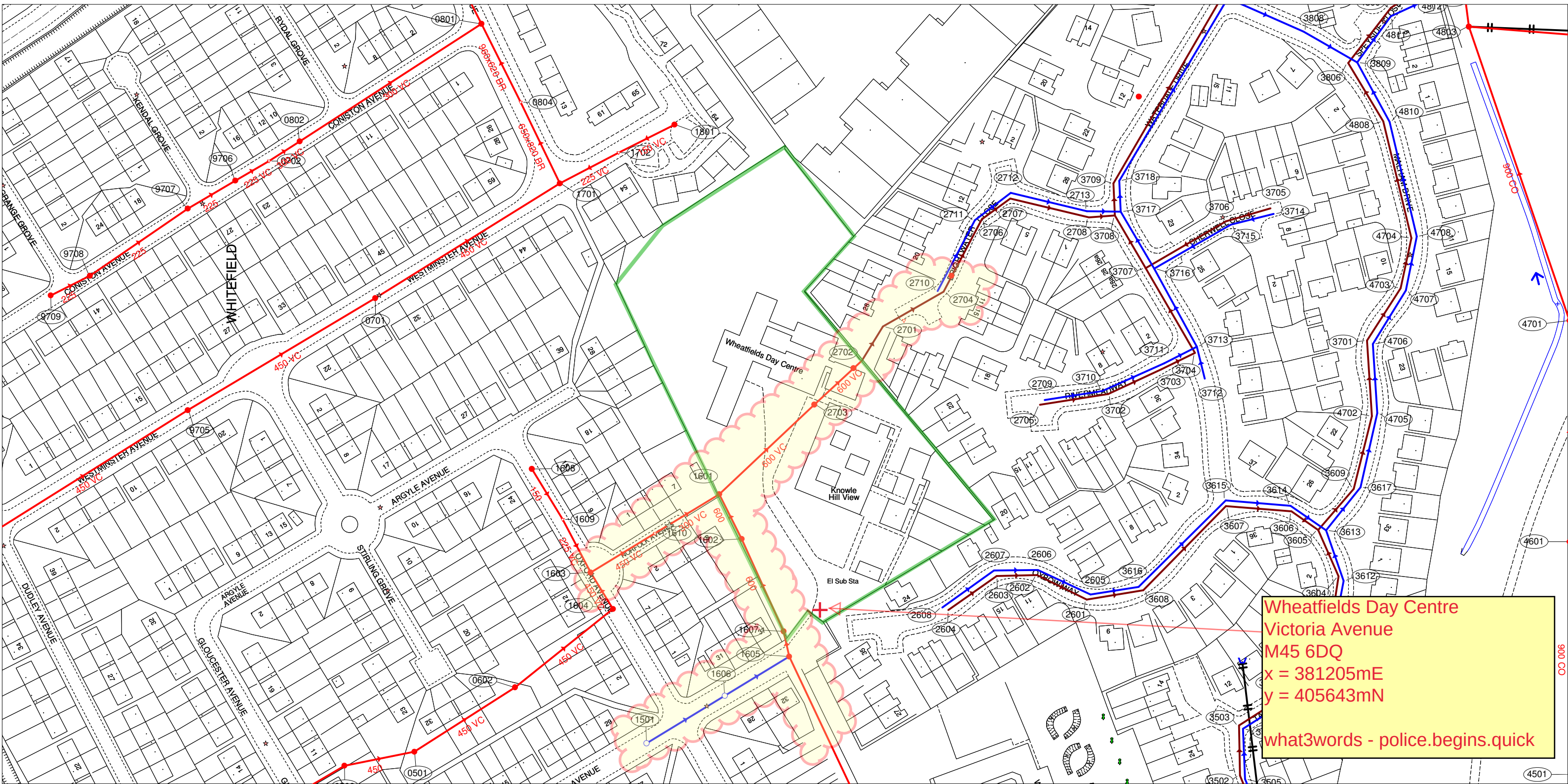
The following Non-LSBUD Members may have assets in your search area. It is **YOUR RESPONSIBILITY** to contact them before proceeding. Please be aware this list is not exhaustive and it is your responsibility to identify and contact all asset owners within your search area.

Non-LSBUD members (Asset owners not registered on LSBUD)			
Asset Owner	Preferred contact method	Phone	Status
BT	https://www.swns.bt.com/pls/mbe/welcome.home	08000232023	Not Notified
CenturyLink Communications UK Limited	plantenquiries@instalcom.co.uk	02087314613	Not Notified
CityFibre	asset.team@cityfibre.com	033 3150 7282	Not Notified
Colt	plantenquiries@catelecomuk.com	01227768427	Not Notified
ENGIE	nrsua.uk@engie.com	01293 549944	Not Notified
GTC	https://pe.gtc-uk.co.uk/PlantEnqMembership	01359240363	Not Notified
Mobile Broadband Network Limited	mbnl.plant.enquiries@turntown.com	01212 621 100	Not Notified
Sky UK Limited	nrsua@sky.uk	02070323234	Not Notified
Sota	SOTA.plantenquiries@instalcom.co.uk		Not Notified
Teliasonera	check-network@teliacompany.com	0800526015	Not Notified
United Utilities	WastewaterDeveloperServices@uuplc.co.uk	08707510101	Not Notified
Utility assets Ltd	enquiries@utilityassets.co.uk		Not Notified
Verizon Business	osp-team@uk.verizonbusiness.com	01293611736	Not Notified
Virgin Media	http://www.digdat.co.uk	08708883116	Not Notified
Vodafone	osm.enquiries@atkinsglobal.com	01454662881	Not Notified

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Appendix D: Detailed Site Historical Review

Appendix D- Detailed Historical Maps Review

Date/Scale	Features On-site	Features Off-site
1848 1:10,560	The site comprises parts of three separate open fields. Part of the northern boundary appears to comprises marshland.	The wider surrounding area primarily comprises open fields with sporadic residential/farm buildings. A 'Brickfeild' is located approximately 300m north-east of the site. A Gravel pit is mapped approximately 260m north-west of the site. Four ponds are located within close proximity to the site at approximately 30m north-east, 50m south-east and north and 100m north-west.
1891-1893 1:2,500	March land encroaching the northern boundary no longer mapped.	A 'Brick Field' is now mapped adjacent north-east of the site, and extends approximately 150m north-east from the site. The Brick Field' previously mapped 300m north-east of the site is no longer present An 'Old Brick Field' is located approximately 260m south-east of the site. A relatively large 'Brick Works is located approximately 400m south-east of the site. 'Victoria Mill (Cotton)' is mapped approximately 200m south-west of the site boundary. Increase in residential housing from approximately 400m west of the site.
1894 1:10,560	No significant changes.	No significant changes.

Appendix D- Detailed Historical Maps Review

Date/Scale	Features On-site	Features Off-site
1909 1:2,500	No significant changes.	Brick Works adjacent north-east of the site no mapped as rough pasture. The Old Brickfield previously located 260m south-east of the site is no longer mapped, now appearing as an open field. The Victoria Mill south-east of the site is now labelled as 'Victoria Mill (Smallware)'. The pond 100m north-west of the site is now labelled as a 'Fish Pond'. 'Moss Lane Works (Printing)' is mapped approximately 250m north-west of the site, which has two associated Reservoirs within its boundary.
1910 1:10,560	No significant changes.	A Well is now mapped within the Moss Lane Work.
1923 1:10,560	No significant changes.	'Victoria Works' with associated 'Tanks' now mapped along with Victoria Mill 200m south-west of the site. Moss Lane Works now expanded in building footprint, reservoir and Well no longer mapped. 'Tanks' and a 'Sand Pit' are now mapped.
1932 1:2,500	A small unlabelled actual feature is mapped along the northern boundary.	The former Brickfield adjacent north-east of the site is mapped as a depression. 'Croft Mill (Smallware)' is now present 120m north-north-west of the site boundary. 'Albert New Mill (Cotton)' is now mapped approximately 200m north of the site boundary with an associated 'Tank'.
1932 1:10,560	Part of the pit from the north-east appears to encroach across the north-eastern boundary onto the site slightly. The small rectangular feature previously mapped within the north of the site is no longer present.	Significant residential expansion up to the west boundary of the site. The Victoria Mill and Works are no longer mapped, and now have residential housing in their former footprint. Brick Field south-east of the site no longer mapped

Appendix D- Detailed Historical Maps Review

Date/Scale	Features On-site	Features Off-site
1938 1:10,560	No significant changes.	Continued residential development within the surrounding area. Pond mapped approximately 100m north-west of the site boundary no longer present and is now mapped as a residential area. A 'School' is mapped 75m south-east of the site boundary.
1953-1958 1:2,500	Pit previously mapped crossing over the north-eastern boundary no longer mapped.	Two of the ponds, located 30m north-east and 50m north of the site are no longer mapped. Continued residential development in the surrounding area.
1952 - 1964 1:1,250	No significant changes.	No significant changes.
1963 – 1964 1:1,250	The site now appears to have been developed, with two relatively large buildings now mapped on-site, labelled as 'Knowle Hill View' roughly within the south-east of the site, and 'Wheatfields' mapped roughly within the centre of the site. Part of an electrical substation is mapped crossing the site boundary within the south of the site.	The pond 100m south-east of the site is no longer mapped. A 'Dairy' is now located approximately 75m north of the site boundary. The Moss Lane Works (Print) is now labelled as 'Moss Lane Rubber Works'. The pit north-east of the site is now mapped as being flat.
1965 - 1968 1:10,000	This map shows the site as undeveloped, in line with the 1952 – 1964 mapping	This map shows the area in line with the 1952-1964 mapping.
1970-1976 1:1,250	The site is shown as per the 1963 – 1964 mapping.	This map shows the area in line with the 1963-1964 mapping, two large unlabeled buildings are mapped adjacent north-east of the site.
1974 – 1979 1:10,000	No significant changes.	Multiple moderately sized buildings are now mapped in the area adjacent north-east of the site.
1977 - 1985 1:1,250	No significant changes.	The Moss Lane Works is no longer labelled, appears small in footprint and is labelled as a 'Warehouse'. More buildings have been erected in the area adjacent north-east of the site. The area is unlabeled.
1980 - 1986 1:10,000	No significant changes.	Warehouse in the former Moss Lane Works site area is no longer present and now appears as open fields.

Appendix D- Detailed Historical Maps Review

Date/Scale	Features On-site	Features Off-site
1992 1:1,250	No significant changes.	A warehouse is mapped in the former Moss Lane Works area in its former footprint.
1996 1:1,250	The building within the centre of the site appears to have been expanded.	No significant changes.
1999 1:10,000	No significant changes.	No significant changes.
2000 Ariel Photo	An area of car parking is apparent within the south-west of the site as well as close to the central building	No significant changes.
2003 1:10,000	No significant changes.	No significant changes.
2006 1:10,000	Building within the south-east of the site is no longer present. Building footprint of the building within the centre of the site has altered significantly.	No significant changes.
2009 1:10,000	No significant changes.	No significant changes.
2013 1:10,000	No significant changes.	No significant changes.
2016 1:10,000	No significant changes.	No significant changes.
2021 1:10,000	No buildings mapped onsite, though some infrastructure appears to remain (roads etc.).	No significant changes.
2021 Ariel Photo	The site appears to be largely vegetated, with what appears to be a relict slab of the central building still occupying the centre of the site. The area of the former south-eastern building appears to show signs of vegetative stress in comparison to other vegetated areas on site.	No significant changes.

Appendix E: Coal Mining Report (*Report Reference: 51002673821001*)



The Coal
Authority

CON29M

coal mining report

11, OXFORD AVENUE, WHITEFIELD, MANCHESTER, LANCASHIRE, M45 6DQ



Known or potential coal mining risks

Future underground coal mining	Page 3
Withdrawal of support	Page 5



Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit
www.groundstability.com



Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. It is unlikely that these features will impact on the stability of the enquiry boundary.

Your reference: **284482743_2**
Our reference: **51002673821001**
Date: **6 September 2021**

Client name:
NLIS Hub

If you require any further assistance please
contact our experts on:
0345 762 6848
groundstability@coal.gov.uk



The Law
Society

Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is
on the coalfield



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This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.



Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email communications@coal.gov.uk.

Detailed findings

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1 Past underground coal mining

The property is not within a surface area that could be affected by any past recorded underground coal mining.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

The property is in an area where a notice to withdraw support was given in 1959.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Statutory cover



Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.

www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form



Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **01623 646 333**. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary



Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

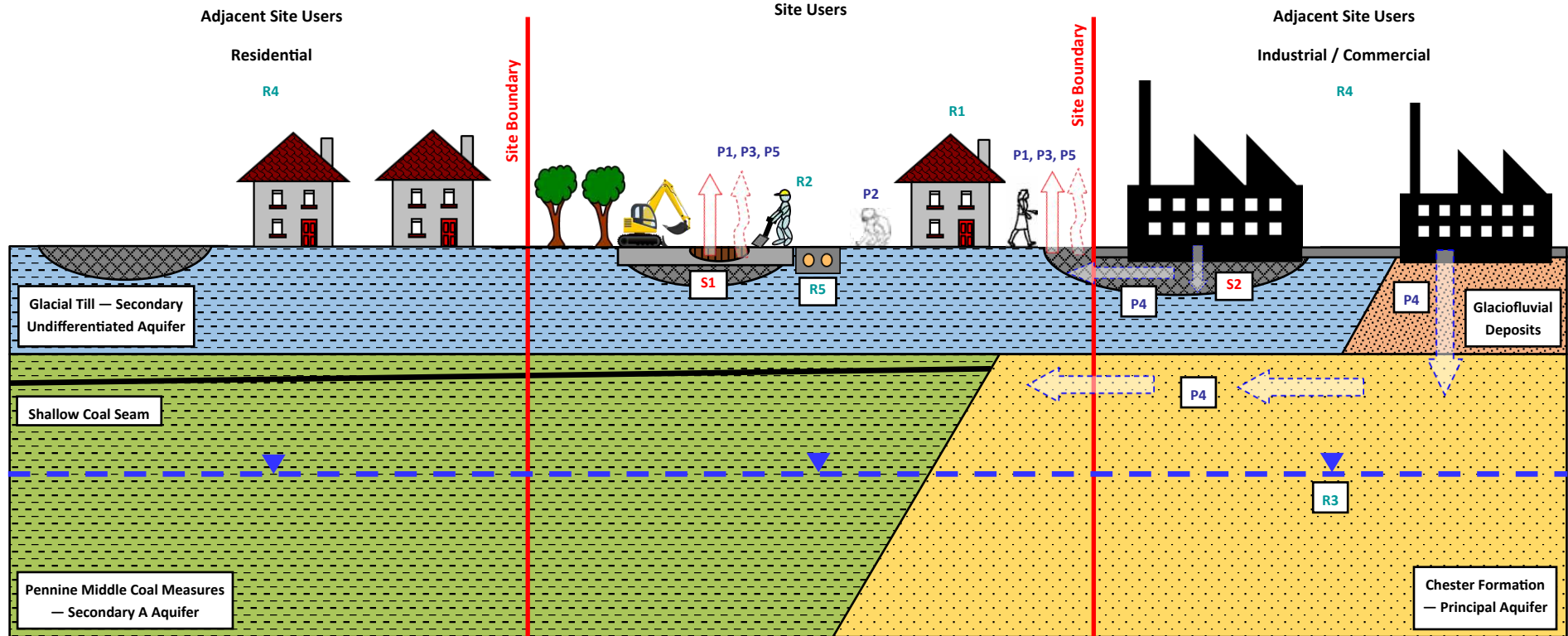
subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings

Figure 4: Preliminary Conceptual Site Model

Preliminary Conceptual Site Model (CSM)



Legend	
	Infilled / Made Ground
	Hydrocarbon Spill
	Relic Foundation
	Hardstanding
	Cables
	Inferred Water Table

Contamination Source	
S1	Potentially Contaminated Soil and ground gas — Onsite
S2	Potentially Contaminated Soil and ground gas — Off-site
Receptor	
R1	Future Site Users
R2	Construction Workers
R3	Controlled Waters
R4	Adjacent Site Users
R5	Infrastructure & Buried Services

Pathway	
	Direct Contact / Ingestion
	Leachate Migration
	Ground Gas Migration
P1	Direct Contact
P2	Ingestion
P3	Inhalation
P4	Leaching & Migration
P5	Vertical & Lateral migration of Ground Gas

	Client: Onward		
	Project: 31990-SUT-ZZ-00-RP-G-701-0001		
	Title: Preliminary Conceptual Site Model (CSM)		
Purpose: Report	Draft	1	Scale (at A3): Not to scale
	Issue	1	
Issuing Office: Liverpool	Drawing number: 1		Version: A
Telephone: 0151 227 3155			

Drawing No: Proposed Site Plan, Ref: 21059-PJA-00-ZZ-DR-A-1000-B



Notes:

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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:	BY:
A	15.7.21	Bungalows Added	PO
B	16.7.21	Areas Revised	PO

Unit Type Key

- 3B5P Houses
Type A1
18 no. @ 84m2 (90% NDSS)
- 2B3P Walk Up Apartments
Type B1
6 no. @ 55/63m2 (90% NDSS)
- 2B3P Bungalows
Type C1
6 no. @ 55m2 (90% NDSS)

Total 30 no. units

CLIENT:

Onward Homes

PROJECT:

Former Wheatfields Day Care Centre
Victoria Avenue, Whitefield

DRAWING NUMBER:

21059-PJA-00-ZZ-DR-A-1000-B

DRAWING TITLE:

Proposed Site Plan

STATUS:

FEASIBILITY

SCALE:

DATE:

BY:

CHECKED:

1 : 500@A2

30.6.21

PO

VA

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