

Table 10A-21: Summary of Surface Ground Workings at the Main Site

TYPE OF WORKING	DATES MAPPED	OFFSITE APPROXIMATE DISTANCE AND DIRECTION
Main Site		
Refuse Heap	1940, 1969	12
Unspecified Ground Workings	1940, 1969, 1980	7
Unspecified Heap	1940	3
Sand Pit	1940	1
Unspecified Pit	1927	1
Reservoirs	1927, 1940, 1969	3
Ponds	1893, 1913, 1927, 1940, 1952, 1969, 1991	16

CO₂ Export Corridor

10A.2.91 There are a number of the following Surface Ground Workings dated between 1893 and 1991 present or within 250 m of the CO₂ Export Corridor: Ponds, Refuse Heaps, Reservoirs and Unspecified Workings.

Natural Gas Connection Corridor

10A.2.92 There are a number of the following Surface Ground Workings dated between 1893 and 1974 present or within 250 m of the Natural Gas Corridor: Ponds, Refuse Heaps, Reservoirs and Unspecified Workings.

Water Connection Corridor

10A.2.93 There are a number of the following Surface Ground Workings dated between 1893 and 1991 present or within 250 m of the Water Connection Corridor: Ponds, Refuse Heaps, Reservoirs, Unspecified Heaps, Cuttings, Sand Pits, Unspecified Ground Workings and Unspecified Workings.

Electrical Connection Corridor

10A.2.94 There are a number of the following Surface Ground Workings dated between 1893 and 1992 present or within 250 m of the Electric Connection Corridor: Ponds, Refuse Heaps, Reservoirs, Unspecified Heaps, Cuttings, Sand Pits, Unspecified Ground Workings, Old Clay Pits, Cooling Pond, Settling Pond, Slag Brick Workings, and Unspecified Workings.

Hydrogen Pipeline Corridor – North of River Tees

10A.2.95 There are a number of the following Surface Ground Workings dated between 1893 and 1994 present or within 250 m of the Hydrogen Pipeline Corridor – North of River Tees: Ponds, Refuse Heaps, Reservoirs, Cuttings, Sewage Workings, Old Clay Pits, Unspecified Pit and Unspecified Ground Workings.

Hydrogen Pipeline Corridor – South of River Tees

10A.2.96 There are a number of the following Surface Ground Workings dated between 1893 and 1994 present or within 250 m of the Hydrogen Pipeline Corridor – South of River Tees: Ponds, Refuse Heaps, Reservoirs, Cuttings, Unspecified Pits and Unspecified Ground Workings.

Other Gases Connection Corridor

10A.2.97 There are a number of the following Surface Ground Workings dated between 1893 and 1991 present or within 250 m of the Other Gases Connection Corridor: Ponds, Refuse Heaps, Reservoirs, Cuttings, Unspecified

Landfills

10A.2.98 Landfills present on and within 250 m of the Proposed Development Site have been identified from the Groundsure Reports and are included in Annex A.

10A.2.99 GIS data of the Groundsure Reports (Annex A) were provided in order to produce figures for significant features and hazards across the Proposed Development Site. Pertinent features have been presented in Figure 10-6 (ES Volume II, EN070009/APP/6.3).

10A.2.100A summary of the landfills located within 250 m of the Proposed Development Site is presented in Table 10A-22.

10A.2.101A summary of the types of landfill data presented in the Groundsure Reports (Annex A) is as follows:

- Active or recent landfills are active or recently closed landfill sites under Environment Agency or Natural Resource Wales regulation;
- Historical landfill (BGS records) are landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time;
- Historical landfill (LA/mapping records) are landfill sites from Local Authority records and high detail historical mapping;
- Historical landfill (EA/NRW records) are known historical (closed) landfill sites (e.g. site here there is no PPC permit of waste management license currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a license has been revoked, ceased to exist or surrendered and a certificate of completion has been issued;
- Historical waste sites are waste site records from Local Authority planning records and high detail historical mapping;
- Licensed waste sites are active or recently closed waste sites under Environment Agency/Natural Resource Wastes regulation; and
- Waste exemptions are activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Table 10A-22: Summary of Landfills within 250 m

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
Main Site						
Historical Waste Sites	15 m N	Ground Workings and Refuse Heap	-	-	-	Historic Mapping
Licensed Waste Sites	On-Site	Blast Furnace Plant, Bsc Redcar Works Complex	British Steel Corporation	1993 (Issued), 1996 (Expired)	Industrial Waste Landfill (Factory Curtilage)	Relates to 3 entries for one location. Annual tonnage: 75000
	50 m S	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.
	80 m S	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 entries for one location. <25000 tonnes and >= 75000 tonnes.
	145 m N	Land Adjacent To Redcar Blast Furnace, Redcar, Cleveland, TS10 5RD	British Steel - Teesside Division	13/04/1997 (Surrendered)	Landfill taking Non-Biodegradable Wastes	Relates to 4 No. entries at one location. >= 75000 tonnes.
Historical Landfilling (LA/Mapping Records)	105 m E	Refuse Tip	-	1952	-	-
	150 m E	Refuse Tip	-	1952	-	-

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
CO ₂ Export Corridor						
Historical Landfilling (LA/Mapping Records)	On Site	Refuse Tips	-	1952	-	Two historical refuse tips are located in the central area of the CO ₂ Export Corridor on site.
Licensed Waste Sites	80 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 entries for one location. <25000 tonnes and >= 75000 tonnes.
	125 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.
Natural Gas Connection Corridor						
Licensed Waste Sites	80 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 entries for one location. <25000 tonnes and >= 75000 tonnes.
	95 m W	Waste Treatment Centre, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/TP3490ZA/A001)	Northumbrian Water Ltd	12/09/1997 (Issued)	Biological Treatment Facility	Relates to 2 No. entries. >= 75000 tonnes.
	125 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
Waste Exemptions	95 m W	Bran Sands Tees Dock Road Middlesbrough Cleveland TS6 6UE (Ref. EPR/WF0706BG/A001)	-	-	Non-Agricultural Waste Only. Use of waste in construction.	Using waste exemption.
	95 m W	Bran Sands Tees Dock Road Middlesbrough, TS6 6UE (WEX182366, WEX315656, WEX182366)	-	-	Storage of waste in a secure place; storage of waste in secure containers; recovery of waste at a waste water treatment works; and use of waste in construction.	Relates to X4 No. entries for one location. Not on a farm. Storing waste exemption. Treating waste exemption. Using waste exemption.
	135 m W	Bran Sands Sewage Treatment Works Tees Dock Road Cleveland TS6 6UE (Ref. EPR/RE5458AG/A001)	-	-	Non-Agricultural Waste Only. Recovery of waste at a waste water treatment works	Treating waste exemption
Historical Landfilling (LA/Mapping Records)	145 m N	Refuse Tip	-	1952	-	-
Active or Recent Landfill	On Site	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/FB3601GS/V004)	York Potash Processing & Ports Limited	-	A02: Other Landfill Site taking Special Waste	-

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
Water Connection Corridor						
Active or Recent Landfill	5 m NE 10 m SW	Teesside Works, Steel House, Redcar, Cleveland, TS10 5QW (EA/EPR/KP3790ZE/V002)	Tata Steel U K Limited	-	A04: Household, Commercial & Industrial Waste Landfill	Closed Status.
Historical Landfilling (LA/Mapping Records)	On-Site	Refuse Tip	-	1952	-	Related to 2 No. entries located within the western area of the Water Connection Corridor.
	10 m S	Refuse Tip	-	1952	-	-
Licenced Waste Sites	80 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 No. entries for one location. <25000 tonnes and >= 75000 tonnes.
	125 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.
	230 m NW	Warrenby Depot, Tod Point Road, Redcar, Cleveland, TS10 5AW	Redcar & Cleveland Borough Council	2003 (Issued) 2010 (Modified)	Household Waste Amenity Site	>= 25000 tonnes to <75000 tonnes
	230 m NW	Warrenby Waste Transfer Station, Tod Point Road, Warrenby, Redcar, Cleveland, TS10 5AW	Redcar & Cleveland	2003 (Issued) 2017 (Modified)	Waste Transfer Station (HCI Waste and Asbestos)	Relates to 2 No. entries for one location.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
			Borough Council			>= 25000 tonnes to <75000 tonnes
Historical Waste Sites	On Site	Ground Workings and Refuse Heap	-	-	-	-
	215 m NE	Recycling Depot, Tod Point Road, Warrenby, Redcar, Cleveland, TS10	-	2002	-	Historic planning application for demolition and construction of a new building, construction of new roads and alterations to an existing building.
	215 m NE	First Choice Skips, Tod Point Road, Warrenby, Redcar, Cleveland, TS10	-	2004	-	Planning application for a waste transfer facility.
	230 m NW	Ground Workings and Refuse Heap	-	-	-	-
Electrical Connection Corridor						
Active or Recent landfills	Onsite	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/FB3601GS/V004)	York Potash Processing & Ports Limited	-	A02: Other Landfill Site taking Special Waste	Modified Status.
	230 m SE	P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE (EA/EPR/UP3090ZF/A001)	I C I Chemicals & Polymers Ltd	-	A07: Industrial Waste Landfill (Factory curtilage)	Relates to X3 No. entries. Closed Status

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
Historical Landfilling (LA/Mapping Records)	Onsite	Refuse Tip	-	1952	-	Relates to X2 No. entries located within the north-western extent of the Electrical Connection Corridor.
	5 m S	Refuse Tip	-	1952	-	-
Historical Waste Sites	Onsite	Ground Workings and Refuse Heap	-	-	-	Historic Mapping
	225 m NE	Ground Workings and Refuse Heap	-	-	-	Historic Mapping
Licenced Waste Sites	80 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 No. entries for one location. <25000 tonnes and >= 75000 tonnes.
	90 m S	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	York Potash Processing & Ports Limited	24/05/1977 (Issued), 02/07/2021 (Modified)	Other Landfill Site taking Special Waste	>= 75000 tonnes
		Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	I C I Chemicals & Polymers Ltd	24/05/1977 (Issued), 05/06/2002 (Modified)	Other Landfill Site taking Special Waste	< 25000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
		Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	York Potash Processing & Ports Limited	24/05/1977 (Issued), 23/05/2018 (Modified/ Closed)	Other Landfill Site taking Special Waste	< 25000 tonnes
	95 m W	Waste Treatment Centre, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/TP3490ZA/A001)	Northumbrian Water Ltd	12/09/1997 (Issued)	Biological Treatment Facility	Relates to X2 No. entries. >= 75000 tonnes.
	125 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.
Waste Exemption Sites	95 m W	Bran Sands Tees Dock Road Middlesbrough Cleveland TS6 6UE (WEX182366, WEX315656, WEX182366)	-	-	Storage of waste in a secure place; storage of waste in secure containers; recovery of waste at a waste water treatment works; and use of waste in construction.	Relates to X4 No. entries for one location. Not on a farm. Storing waste exemption. Treating waste exemption.
	100 m W	Bran Sands Tees Dock Road Middlesbrough Cleveland TS6 6UE (Ref. EPR/WF0706BG/A001)	-	-	Non-Agricultural Waste Only. Use of waste in construction.	Using waste exemption
	130 m W	Bran Sands STW, Tees Dock Road, Middlesbrough, TS6 6UE (Ref. WEX006326)	-	-	Recovery of waste at a waste water treatment works	Treating waste exemption. Not on a farm.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	130 m W	Bran Sands Sewage Treatment Works Tees Dock Road Cleveland TS6 6UE (Ref. EPR/RE5458AG/A001)	-	-	Non-Agricultural Waste Only. Recovery of waste at a waste water treatment works	Treating waste exemption
Hydrogen Pipeline Corridor – North of River Tees						
Active or Recent Landfill	180 m E	Cowpen Bewley Landfill Site, Cowpen Bewley, Stockton on Tees, TS23 4HS	Highfield Environmental Limited	-	WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE	Effective Status
Historical Waste Sites	Onsite	New Road, BILLINGHAM, Cleveland, TS23 1 (Ref. 07/2851/FUL)	-	-	Waste Transfer Station	Historic Planning Application. Scheme comprises creation of eco park including a waste transfer station, glass recycling plant, new access and associated landscaping. Planning permission was obtained.
	30 m NW	New Road, Haverton Hill Road, BILLINGHAM, Cleveland, TS23 1D (Ref. 93/1583/P)	-	-	Liquid Waste Centre	Historic Planning Application.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	115m W	Huntsman Drive, Port Clarence, Middlesbrough, Cleveland, TS2 1TT (Ref. 15/0333/EIS)	-	-	Energy From Waste Facility	Historic Planning Application. Scheme comprises development of a fuel handling Building adjacent to the Materials Recycling facility. The associated works include sewer systems, landscaping, infrastructure, enabling and access roads. The associated works include sewer systems, landscaping, infrastructure, enabling and access roads.
	205 m SE	Sadies Skips, Hilton Recycling Centre, Billingham Reach Indstl Est, BILLINGHAM, Cleveland, TS23 1PX	-	-	Recycling Centre	Historic Planning Application for raising level of land adjacent to a waste transfer station.
Licensed Waste Sites	10 m S	Reclamation Ponds Site, North Tees Access, Port Clarence, Middlesbrough, Cleveland, TS2 1TT	North Tees Waste Management	28/03/2012 (Issued), 09/06/2014 (Modified)	Physical Treatment Facility	Relates to X2 No. entries. >= 25000 tonnes < 75000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
			Limited (Most Recent)			
	30 m SE	ARROWBUILD & CIVIL ENGINEERING LIMITED, WHITEHOUSE INNOVATION PARK, NEW ROAD, BILLINGHAM, TS23 1LE	Arrowbuild & Civil Engineering Limited	16/12/2020 (Issued)	Treatment of waste to produce soil <75,000 tpy	-
	35 m NW	Land/ Premises At, New Road, Haverton Hill, Billingham, Cleveland, TS23 1LE (Most Recent Entry)	Whelans / Rapier Energy Ltd (Most Recent)	23/11/1994 (Issued) 26/02/2010 (Most Recent Effective)	Physio-Chemical Treatment Facility	< 25000 tonnes. Related to X2 no. entries.
	40 m E	Land/ Premises At, Seals Sands Road, Seal Sands, Middlesbrough, Cleveland, TS2 1UA	Tees Storage / Vopak Terminal Teesside Ltd	15/07/1991 (Issued)	In-House Storage Facility	Relates to X2 No. entries. < 25000 tonnes
	45 m E	Haverton Hill Road, Billingham Reach Ind Est, Billingham, Cleveland, TS23 1PX	Mason James	07/08/2012 (Issued), 09/10/2017 (Modified)	Deposit of waste to land as a recovery operation	Relates to X2 no. entries. >= 25000 tonnes < 75000 tonnes.
	75 m N	Seal Sands Storage Facility, Seal Sands, Middlesbrough, Cleveland, TS2 1UB	Exolum Seal Sands Ltd (most Recent)	02/02/1990 (Issued), 14/06/2021 (Most Recent Effective)	In-House Storage Facility	Relates to X5 No. entries. >= 75000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	85 m N	Seal Sands Road, Seal Sands, Middlesbrough, TS1 1UB	Seal Sands Storage Ltd	02/02/1990 (Issued) 12/06/2003 (Modified)	In-House Storage Facility	-
	90 m W	Seal Sands Road, Seal Sands, Middlesbrough, Cleveland, TS2 1UB	Hexcel Chemical Products Ltd	01/10/1990 (Issued) 01/05/1994 (Expired)	In-House Storage Facility	Relates to X2 No. entries.
	140 m N	Belasis Avenue, Billingham, Cleveland, TS23 1QY	S N F Oil And Gas Ltd	06/07/2017 (Issued)	Use of waste in a deposit for recovery op	Relates to X2 No. entries. < 25000 tonnes
	140 m SE	Haverton Hill Road, Billingham, Cleveland, TS23 1PY	Sita Tees Valley Ltd	05/07/2012 (Issued), 08/11/2013 (Modified), 02/09/2014 (Effective), 16/05/2016 (Surrendered)	Physical Treatment Facility	Relates to X2 No. entries. <25000 tonnes to >=750000 tonnes
	140 m SE	C/o Sita Tees Valley, Haverton Hill Road, Billingham, Cleveland, Teeside, TS23 1PY	Ballast Phoenix Ltd	05/07/2012 (Issued), 08/11/2013 (Modified)	Physical Treatment Facility	>=750000 tonnes
	175 m E	Haverton Hill Road, Billingham Reach Ind Est, Billingham, Cleveland, TS23 1PX	Mason James	07/08/2012 (Issued)	Use of waste in construction <50,000 tps	< 25000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	180 m E	Energy From Waste Plant, Haverton Hill Road, Billingham, Stockton On Tees, TS23 1PY	Cleveland Waste Management Ltd	28/06/2000 (Issued)	Household, Commercial and Industrial Waste Transfer Station	>= 25000 tonnes to <75000 tonnes
	240 m SE	Land/premises At, Haverton Hill Road, Haverton Hill, Billingham, Cleveland, TS23 1PY	Sita Tees Valley Ltd	02/03/2005 (Issued), 19/06/2006 (Modified), 25/01/2011 (Surrendered)	Composting Facility	<25000 tonnes
Waste Exemption Sites	25 m S	Address not specified (Ref. WEX299934)	-	-	Use of waste in construction.	Using waste exemption. Not on a Farm.
	45 m SE	Address not specified (Ref. WEX256085)	-	-	Screening and blending of waste.	Treating waste exemption. Not on a farm.
	60 m NE	No address specified (Ref. WEX288014)	-	-	Use of waste in construction.	Using waste exemption. Not on a farm.
	100 m N	Nelson Avenue, Billingham, TS23 4HA (Ref. WEX132897)	-	-	Use of sludge for the purposes of re-seeding a waste water treatment plant	Using waste exemption. Not on a farm.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	135 m SE	Rydberg Haverton Hill, Unit 3, Haverton hill road, Stockton on tees, TS23 1PS (Ref. WEX135054)	-	-	Storage of waste in secure containers.	Storing waste exemption. Not on a farm.
	140 m SE	Disused Pond at Hutnsman. Billingham Works Haverton Hill Road BILLINGHAM Cleveland TS23 1PS (Ref. EPR/AE5957YJ/A001)	-	-	Use of waste in construction.	Using waste exemption. Non-Agricultural Waste Only.
	155 m W	Seal Sands, Middlesbrough, TS2 1UB (Ref. WEX293508)	-	-	Use of waste in construction.	Using waste exemption. Not on a farm.
	240 m W	No address specified (Ref. WEX272051)	-	-	Burning waste in the open.	Disposing of waste exemption. Not on a farm.
	245 m NW	SNF Oil & Gas 40 Acre Site Belasis Avenue Billingham Teesside TS23 1LG (Ref. EPR/WF0637VX/A001)	-	-	Use of waste in construction.	Using waste exemption. Non-Agricultural waste only.
	250 m S	RSPB Saltholme Seaton Carew Road Middlesbrough Cleveland TS2 1TU (Ref. EPR/PF0901HP/A001)	-	-	Non-Agricultural Waste Only. Aerobic composting and associated prior treatment.	Treating waste exemption.
Hydrogen Pipeline Corridor – South of River Tees						
Active or Recent Landfill	On-Site	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/FB3601GS/V004)	York Potash Processing & Ports Limited	-	A02: Other Landfill Site taking Special Waste	Modified status.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	20 m SW 240 m SW	P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE	I C I Chemicals & Polymers Ltd	-	A07: Industrial Waste Landfill (Factory curtilage)	Closed status. Relates to X2 No. entries.
	200 m NE	Teesside Works, Steel House, Redcar, Cleveland, TS10 5QW (EA/EPR/KP3790ZE/V002)	Tata Steel U K Limited	-	A04: Household, Commercial & Industrial Waste Landfill	Closed status.
Historical Waste Sites	On-Site	Ground Workings and Refuse Heap	-	-	-	-
	165 m E	Soil Treatment Facility	-	2021	-	Historic planning application for the development of a soil treatment area.
Historical Landfill (EA Records)	Onsite	Refuse Tip	-	1969	-	Relates to 2 No. entries.
	115 m S	Refuse Tip	-	1962	-	Relates to 2 No. entries.
	130 m N	Refuse Tip	-	1952	-	-
Licensed Waste Sites	Onsite	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	York Potash Processing & Ports Limited	24/05/1977 (Issued), 02/07/2021 (Modified)	Other Landfill Site taking Special Waste	>= 75000 tonnes
		Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	I C I Chemicals & Polymers Ltd	24/05/1977 (Issued),	Other Landfill Site taking Special Waste	< 25000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
				05/06/2002 (Modified)		
		Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	York Potash Processing & Ports Limited	24/05/1977 (Issued), 23/05/2018 (Modified/Closed)	Other Landfill Site taking Special Waste	< 25000 tonnes
	35 m N	Waste Treatment Centre, Bran Sands, Redcar, Cleveland, TS6 6UE	Northumbrian Water Ltd	12/09/1997 (Issued)	Biological Treatment Facility	Relates to X2 No. entries. >= 75000 tonnes
	35 m E	Polymer Industries, Polythene Road, Wilton International, Redcar, Cleveland, TS10 4RG	Polymer Industries (U K) Ltd	31/03/2005 (Issued), 11/10/2017 (Expired)	Physical Treatment Facility	< 25000 tonnes
	55 m S	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.
	75 m S	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 No. entries for one location. <25000 tonnes and >= 75000 tonnes.
	135 m E	Biolite Treatment Centre, Stores Road, Wilton International Site,	Power Minerals Limited	20/05/2016 (Issued),	Physico-Chemical Treatment Facility	< 25000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
		Middlesbrough, Cleveland, TS10 4RD		26/11/2019 (Modified)		
	150 m S	Wilton, Middlesbrough, Cleveland, TS6 8JA	I C I Chemical & Polymers Ltd	04/06/1990 (Issued), 01/05/1994 (Expired),	In-House Storage Facility	Relates to X3 No. entries. < 25000 tonnes
	150 m N	Bran Sands, Wilton Works, Middlesbrough, Cleveland, TS6 6UE	Impetus Waste Management Ltd	28/12/2005 (Issued), 03/11/2008 (Surrendered)	Material Recycling Treatment Facility	Relates to X2 No. entries for one location. < 25000 tonnes.
	155 m S	Teesport Landfill, Off Teesport Road, Teesdock, Nr Grangetown, Middlesbrough, Cleveland, TS6 6UD	Hall Construction Services Ltd	28/11/2011 (Issued), 07/06/2016 (Surrendered)	Use of waste in construction <100,000 tps	< 25000 tonnes
	160 m W	Wilton International, Off Trunk Road, Middlesbrough, Cleveland, TS10 4YA	Hadfield Wood Recyclers Limited	06/09/2011 (Issued), 26/09/2017 (Surrendered)	Treatment of waste wood <75000 tps	< 25000 tonnes
	185 m N	-	I C I Chemicals & Polymers Ltd	24/05/1977 (Issued), 05/06/2002 (Modified)	Other Landfill Site taking Special Waste	>= 75000 tonnes

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
Waste Exemption Sites	10 m SE	Redcar Plastics Recycling Plastics Road Redcar Cleveland TS10 4RG (EPR/YE5245NV/A001)	-	-	Storage of waste in secure containers. Storage of waste in a secure place. Preparatory treatments (baling, sorting, shredding etc).	Non-Agricultural Waste Only. Storing waste exemption. Treating waste exemption.
	95 m W	Bran Sands Tees Dock Road Middlesbrough Cleveland TS6 6UE (Ref. EPR/WF0706BG/A001)	-	-	Use of waste in construction. Non-Agricultural Waste Only.	Using waste exemption
	95 m W	Bran Sands, Tees Dock Road, Middlesbrough, TS6 6UE (Ref. WEX182366 / WEX315656)	-	-	Storage of waste in a secure place. Storage of waste in secure containers. Use of waste in construction. Recovery of waste at a waste water treatment works.	Not on a farm. Storing waste exemption. Using waste exemption. Treating waste exemption.
	130 m W	Bran Sands STW, Tees Dock Road, Middlesbrough, TS6 6UE (Ref. EPR/RE5458AG/A001 / WEX006326)	-	-	Recovery of waste at a waste water treatment works	Not on a farm. Treating waste exemption.
	160 m W	XPO Bulk UK limited, Regional Office, Southway, Wilton International, Redcar, TS10 4RG (Ref. WEX073594)	-	-	Storage of waste in a secure place	Storing waste exemption.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	175 m SE	XPO Bulk UK limited, Regional Office, Southway, Wilton International, Redcar, TS10 4RG (Ref. WEX265911 / WEX234961 / WEX222715 / WEX218663)	-	-	Storage of waste in a secure place. Preparatory treatments (baling, sorting, shredding etc). Storage of waste in secure containers. Use of waste in construction.	Relates to 6 No. entries. Not on a farm. Storing waste exemption. Treating waste exemption. Using waste exemption.
	180 m SW	Units 1-4 Central Workshop REDCAR TS10 4RG (Ref. EPR/VE5683WX/A001)	-	-	Preparatory treatments (baling, sorting, shredding etc).	Treating waste exemption. Non-Agricultural Waste Only.
	185 m W	Wilton, Redcar, TS10 4RG (Ref. WEX150170 / WEX153401 / WEX172922)	-	-	Use of waste in construction. Treatment of waste aerosol cans. Storage of sludge.	Relates to 4 No. entries. Using waste exemption. Treating waste exemption. Treating waste exemption. Not on a farm.
	190 m SW	Alder & Allan Limited - Response House East Way TS10 4RG (Ref. EPR/YE5442CL/A001)	-	-	Storage of waste in a secure place.	Relates to 2 No. entries. Both agricultural and non-agricultural waste. Storing waste exemption.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	190 m SW	Speysearch Ltd as 'Revive Polymers' Bays 1 - 4 Central Workshops Wilton International TS10 4RG (EPR/VE5648CV/A001)	-	-	Preparatory treatments (baling, sorting, shredding etc).	Non-Agricultural Waste Only. Treating waste exemption.
	205 m E	Steel House, Redcar, Teesside, TS10 5QW	-	-	Crushing waste fluorescent tubes and recovery of scrap metal.	Treating waste exemption.
	215 m NW	Sembcorp UK Headquarters, Wilton, Cleveland, Middlesbrough, TS90 8WS (Ref. EPR/UF0301SM/A001)	-	-	Crushing waste fluorescent tubes.	Treating waste exemption.
		Bays 1-4 Central Workshops Wilton International Recar TS10 4RG (Ref. EPR/CE5942ZN/A001)	-	-	Preparatory treatments (baling, sorting, shredding etc).	Treating waste exemption.
		Response House, East Way, Wilton International, Middlesbrough, TS10 4RG (Ref. WEX128390)	-	-	Storage of waste in a secure place and in secure containers.	Storing waste exemption.
		Redcar Plastics Recycling, Plastics Road, Wilton Industrial Estate, Redcar, TS10 4RG (Ref. WEX145602)	-	-	Storage of waste in a secure place and in secure containers. Preparatory treatments (baling, sorting, shredding etc).	Storing waste exemption and treating waste exemption.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
Other Gases Connection Corridor						
Active or Recent Landfill	On-Site	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/FB3601GS/V004)	York Potash Processing & Ports Limited	-	A02: Other Landfill Site taking Special Waste	-
Historical Landfilling (LA/Mapping Records)	130 m N	Refuse Tip	-	1952	-	-
	180 m NW	Refuse Tip	-	1962	-	Relates to 2 No. entries.
	240 m SE	Refuse Tip	-	1962	-	Relates to 2 No. entries.
Historical Waste Sites	110 m SE	Refuse Pit	-	-	-	Historic Mapping
	185 m E	Ground Workings and Refuse Heap	-	-	-	-
	190 m SE	Scrap Crushing Pit	-	-	-	Relates to 3 No. entries.
Licenced Waste Sites	90 m W	Waste Treatment Centre, Bran Sands, Redcar, Cleveland, TS6 6UE (Ref. EA/EPR/TP3490ZA/A001)	Northumbrian Water Ltd	12/09/1997 (Issued)	Biological Treatment Facility	Related to 2 No. entries for one location.
	80 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued), 2018 (Modified)	Metal Recycling Site (Mixed MRS's)	Relates to 2 entries for one location. <25000 tonnes and >= 75000 tonnes.

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
	125 m W	Teesside Integrated Iron and Steelworks	Redcar Bulk Terminal Limited	2016 (Issued)	Metal Recycling Site (Mixed MRS's)	>= 25000 to <75000 tonnes.
	230 m SE	Land/ Premises At, Bran Sands, Redcar, Cleveland, TS6 6UE	York Potash Processing & Ports Limited	24/05/1977 (Issued), 02/07/2021 (Modified)	Other Landfill Site taking Special Waste	>= 75000 tonnes
Waste Exemptions	100 m W	Bran Sands Tees Dock Road Middlesbrough Cleveland TS6 6UE (Ref. EPR/WF0706BG/A001)	-	-	Non-Agricultural Waste Only. Use of waste in construction	Using waste exemption
	100 m W	BRAN SANDS, TEES DOCK ROAD, MIDDLESBROUGH, TS6 6UE (WEX182366, WEX315656, WEX182366)	-	-	Storage of waste in a secure place; storage of waste in secure containers; recovery of waste at a waste water treatment works; and use of waste in construction.	Relates to 4 No. entries for one location. Not on a farm. Storing waste exemption. Treating waste exemption. Using waste exemption.
	130 m W	Bran Sands STW, Tees Dock Road, Middlesbrough, TS6 6UE (Ref. Wex006326)	-	-	Recovery of waste at a waste water treatment works	Treating waste exemption. Not on a farm.
	130 m W	Bran Sands Sewage Treatment Works Tees Dock Road Cleveland	-	-	Non-Agricultural Waste Only. Recovery of waste	Treating waste exemption

TYPE	DISTANCE AND DIRECTION	NAME / ADDRESS	LATEST OPERATOR / LICENCE HOLDER	DATES	PERMITTED WASTES / TYPE OF SITE	DETAILS
		TS6 6UE (Ref. EPR/RE5458AG/A001)			at a waste water treatment works	

Natural Ground Hazards

10A.2.102 The Groundsure Reports (Annex A) present a summary of Natural Ground Hazards. Groundsure GIS data was used to present the Natural Ground Hazards for the Proposed Development on Figures 10-18a to 10-18Ff (ES Volume II, EN070009/APP/6.3). A summary of the Natural Ground Hazards at the Main Site and associated Connection Corridors is presented in Table 10A-23.

10A.2.103 A summary of the Natural Ground Hazards information reported by Groundsure is summarised here. The risk rating ranges from Negligible, Very Low, Low, Moderate to High. The criteria for each is determined by the BGS:

- Shrink swell clays - The potential hazard presented by soils that absorb water when wet (making them swell) and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).
- Running sands - The potential hazard presented by soils and rocks that can contain loosely packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage. Areas recorded with high potential for running sand are likely to be associated with watercourses, River Tees and/or coastline. It is noted that fluidisation of sand to form running sand is caused by a steep hydraulic gradient and thus, excess pore water pressure as a consequence of human intervention such as excavations, dewatering and borehole drilling. For the condition to exist therefore the sand must be below the water table, be subject to an increase in pore water pressure and be either exposed at the surface or in a borehole where the support provided by overlying strata is either inadequate or absent.
- Compressible deposits - The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.
- Collapsible Deposits - The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them, or they become saturated with water.
- Landslides - The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.
- Ground dissolution of soluble rocks - The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Table 10A-23: Summary of Natural Ground Hazards

HAZARD TYPE	HAZARD RATING	DETAILS
Main Site		
Shrink Swell Clays	Very Low.	Ground conditions predominantly low plastic.
Running Sands	Very Low. High in the north of the site	Running sand conditions are unlikely across the majority of the site. No identified constraints on land use due to running conditions unless water table rises rapidly. High potential in the north indicates that running sand conditions are almost certainly present. Constraints will apply to land uses involving excavation or the addition or removal of water.
Compressible Deposits	Very Low. Moderate in the north of the site.	In the areas of very low potential, compressibility and uneven settlement problems are not likely to be significant on the site for most land uses. In the north of the site compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site,
Collapsible Deposits	Negligible.	Deposits across the entirety of the site with potential to collapse when loaded and saturated are not believed to be present.
Landslides	Very Low.	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
Ground Dissolution of Soluble Rocks	Negligible.	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
CO ₂ Export Corridor		
Shrink Swell Clays	Very Low.	Ground conditions are predominantly low plasticity across the entirety of the Corridor.

HAZARD TYPE	HAZARD RATING	DETAILS
Running Sands	Very Low.	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
Compressible Deposits	Very Low.	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.
Collapsible Deposits	Negligible.	Deposits with potential to collapse when loaded and saturated are believed not to be present.
Landslides	Very Low.	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
Ground Dissolution of Soluble Rocks	Negligible.	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
Natural Gas Connection Corridor		
Shrink Swell Clays	Very Low	Ground conditions predominantly low plasticity.
Running Sands	Very Low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
Compressible Deposits	Very Low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.
Collapsible Deposits	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
Landslides	Very Low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
Ground Dissolution of Soluble Rocks	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

HAZARD TYPE	HAZARD RATING	DETAILS
Water Connection Corridor		
Shrink Swell Clays	Very Low across the majority of the Corridor. Negligible in the area of Blown Sand deposits.	Ground conditions predominantly low plasticity across the majority of the Corridor. Ground conditions predominantly non-plastic in the area of Blown Sand deposits.
Running Sands	High is northeast corner and far east extent Very Low across majority of Corridor Low in areas of Blown Sand.	In areas of High potential, running sand conditions are almost certainly present. Constraints will apply to land uses involving excavation or the addition or removal of water. In areas of Low potential, running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly. In areas of Very Low potential, running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
Compressible Deposits	Very Low across majority of Corridor Moderate in far north and easter extents Negligible in areas of Blown Sands.	In areas of Very Low potential, compressibility and uneven settlement problems are not likely to be significant on the site for most land uses. In areas of Moderate potential, compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site. In areas of Negligible potential compressible strata are not thought to occur
Collapsible Deposits	Negligible.	Deposits with potential to collapse when loaded and saturated are believed not to be present.
Landslides	Very Low.	Slope instability problems are not likely to occur across the majority of the Corridor but consideration to potential problems of adjacent areas impacting on the site should always be considered.

HAZARD TYPE	HAZARD RATING	DETAILS
Ground Dissolution of Soluble Rocks	Negligible.	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
Electrical Connection Corridor		
Shrink Swell Clays	Very Low in majority of Corridor. Negligible in the area of Blown Sands.	For the majority of the Corridor, ground conditions are predominantly low plasticity. In the area of Blown Sands, ground conditions are predominantly non-plastic.
Running Sands	Very Low across majority of the Corridor. High in the northern and southeastern extent of the Corridor. Low along the eastern edge and small southern portion of the Corridor. Negligible to in a small portion of the southeast corner	Across the majority of the Corridor running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly. In areas of High potential, running sand conditions are almost certainly present. Constraints will apply to land uses involving excavation or the addition or removal of water. In areas of Low potential, running sand conditions may be present and constraints may apply to land uses involving excavation or the addition or removal of water. Within Negligible areas, running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.
Compressible Deposits	Very Low across majority of the Corridor.	Within Very Low areas, compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

HAZARD TYPE	HAZARD RATING	DETAILS
	<p>Moderate in the northern and southeastern extent of the Corridor.</p> <p>Negligible along the eastern edge and small southern portion of the Corridor.</p>	<p>Within Moderate areas, compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Within Negligible areas, compressible strata are not thought to occur.</p>
Collapsible Deposits	<p>Negligible across majority of Corridor.</p> <p>Very Low in the southeast corner.</p>	<p>Within negligible areas, deposits with potential to collapse when loaded and saturated are believed not to be present.</p> <p>In Very Low areas, deposits with potential to collapse when loaded and saturated are unlikely to be present.</p>
Landslides	Low (very small portion in southeast) to Very Low across the entirety of the Corridor.	In areas of Very Low potential, slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered. In areas of Low potential, slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
Ground Dissolution of Soluble Rocks	Negligible across the entirety of the Corridor.	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
Shrink Swell Clays	<p>Very low in the north-west of the Corridor.</p> <p>Negligible in the area of Blown Sands.</p>	<p>In the north and north-west, ground conditions are predominantly low plasticity.</p> <p>In the area of Blown Sands, ground conditions are predominantly non-plastic.</p> <p>In the surrounding central areas, ground conditions are predominantly low plasticity.</p>

HAZARD TYPE	HAZARD RATING	DETAILS
Hydrogen Pipeline Corridor – North of River Tees		
Shrink Swell Clays	<p>Very Low to Low across the entirety of the Corridor north of the River Tees.</p> <p>Negligible at Saltholme Brine Reservoirs, where peat is present on BGS mapping and a small area to the far west.</p>	<p>Across the majority of the Corridor to the north of the river Tees, in areas of Very Low potential, ground conditions predominantly low plasticity. In areas of Low potential, ground conditions are predominantly medium plasticity.</p> <p>Where peat is anticipated and within the small area to the far west of the Corridor, ground conditions are predominantly non-plastic.</p> <p>Along the River Tees, there is a very low potential for Shrink Swell Clays.</p>
Running Sands	<p>Negligible in the majority of the far western extents.</p> <p>Very Low from the River Tees to Greatham Creek. Also includes Saltholme Brine Reservoirs and to the south of the CF Fertiliser site.</p> <p>Low to the west of Cowpen Bewley and a small area in the far western extent.</p> <p>Moderate from Greatham Creek to Cowpen Bewley Wood and to the south of the Corridor.</p> <p>Moderate along the River Tees.</p>	<p>In areas of Negligible potential, running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.</p> <p>In areas of Very Low potential, running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.</p> <p>In areas of Low potential, running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.</p> <p>In areas of Moderate potential, running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water.</p> <p>Along the River Tees, there is a moderate potential for Running Sands.</p>
Compressible Deposits	Negligible in a small area to the far west of the Corridor.	Across the Corridor, there are various different hazard potentials. In areas of Negligible potential compressible strata are not thought to occur.

HAZARD TYPE	HAZARD RATING	DETAILS
	<p>Very Low, in areas to the far west and to Venator and to the south of the CF Fertiliser site. From the River Tees up to Greatham Creek and to the south.</p> <p>Moderate across the majority of the Corridor including the River Tees.</p>	<p>In areas of Very Low Potential, compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.</p> <p>In areas of Moderate potential, compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.</p> <p>Along the River Tees, there is a Moderate potential for Compressible Deposits.</p>
Collapsible Deposits	<p>Negligible across the majority of the Corridor from the east including the River Tees.</p> <p>Very Low across the far western extents of the Corridor including the CF Fertiliser site.</p>	<p>In the areas of Negligible potential, deposits with potential to collapse when loaded and saturated are believed not to be present.</p> <p>In the areas of Very Low potential, deposits with potential to collapse when loaded and saturated are unlikely to be present.</p> <p>In the areas of Moderate potential, along the River Tees, there is Negligible potential for Collapsible deposits.</p>
Landslides	<p>Low in localised areas.</p> <p>Very low across the entirety as the Corridor.</p>	<p>In areas of Negligible potential, deposits with potential to collapse when loaded and saturated are believed not to be present.</p> <p>In areas of Very Low potential deposits with potential to collapse when loaded and saturated are unlikely to be present. The River Tees is included in an area of Very Low potential.</p> <p>In areas of Low potential, slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.</p>
Ground Dissolution of Soluble Rocks	<p>Negligible across the entirety of the site.</p>	<p>Across the entirety of the Corridor to the north of the River Tees, including the River Tees, are within an area Negligible potential. Soluble rocks are either not</p>

HAZARD TYPE	HAZARD RATING	DETAILS
		thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
Hydrogen Pipeline Corridor – South of River Tees		
Shrink Swell Clays	Negligible within the area of Blown Sand deposits. Very Low across the majority of the Corridor, in the north, north-east and west. Low in the south-east.	In areas of Negligible potential, ground conditions predominantly non-plastic. In areas of Very Low potential, ground conditions predominantly low plasticity. In areas of Low potential, ground conditions predominantly medium plasticity.
Running Sands	Negligible through central extent. Very Low majority of western and eastern extents. Low in a small area to the north and along the Blown Sand Deposits. Moderate along the Dabholm Gut. High to the far east of the Corridor and along the northern boundary.	In the areas of Negligible potential, running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions. In the areas of Very Low potential, running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly. In the areas of Low potential, running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water. In the areas of Moderate potential, running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water. In the areas of High potential, running sand conditions are almost certainly present. Constraints will apply to land uses involving excavation or the addition or removal of water.

HAZARD TYPE	HAZARD RATING	DETAILS
Compressible Deposits	Negligible in the area of the Blown Sand Deposits and far southeastern section. Very Low, across western half of section. Moderate central section.	In the areas of Negligible potential, compressible strata are not thought to occur. In the areas of Very Low potential, compressibility and uneven settlement problems are not likely to be significant on the site for most land uses. In the areas of Moderate potential, compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
Collapsible Deposits	Negligible across northern half Corridor. Very Low in southern half of Corridor.	Across the majority of the Corridor in the areas of Negligible potential, Deposits with potential to collapse when loaded and saturated are believed not to be present. Within the areas of Very Low potential, deposits with potential to collapse when loaded and saturated are unlikely to be present.
Landslides	Very Low across the entirety of the Corridor to the south of the River Tees.	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
Ground Dissolution of Soluble Rocks	Negligible across the entirety of the Corridor to the south of the River Tees.	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.
Other Gases Connection Corridor		
Shrink Swell Clays	Very Low across the majority of the Corridor. Negligible in the area of Blow Sands.	Across the majority of the Corridor ground conditions are predominantly low plasticity. Within a small area to the east of the Corridor, with the area of anticipated Blow Sands, ground conditions are predominantly non-plastic.

HAZARD TYPE	HAZARD RATING	DETAILS
Running Sands	Very Low across the majority of the Corridor. Low in the area of Blow Sands.	Across the majority of the Corridor running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly. In the area of Blown Sands to the east, running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
Compressible Deposits	Very Low across the majority of the Corridor, Negligible in the area of Blown Sands.	Across the majority of the Corridor, compressibility and uneven settlement problems are not likely to be significant on the site for most land uses. In the area of Blown Sands, compressible strata are not thought to occur.
Collapsible Deposits	Negligible across the entirety of the Corridor.	Deposits with potential to collapse when loaded and saturated are believed not to be present.
Landslides	Very Low across the entirety of the Corridor.	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
Ground Dissolution of Soluble Rocks	Negligible across the entirety of the Corridor.	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

Hydrology

10A.2.104 Full details of the hydrology at the Proposed Development Site is provided in Chapter 9 (ES Volume I, EN070009/APP/6.2).

Surface Water Features

10A.2.105 The Proposed Development Site falls within the Northumbria River Basin District, the Tees Management Catchment and the Tees Lower and Estuary Operational Catchment. The River Tees South Bank Water Body is present at all associated Connection Corridors.

10A.2.106 The following Water Framework Directive (WFD) Surface Water Body Catchments are present at the Proposed Development Site:

- The Tees Coastal Water surface water body catchment is present at the Proposed Development Site. It is not part of a river water body catchment.
- The River Tees South Bank surface water body catchment is present at all Connection Corridors and a small portion of the Main Site in the northeast and has a Moderate ecological classification, and a Fail for chemical status for Mercury and its Compounds and Polybrominated diphenyl ethers (PBDE).
- The Cowbridge Beck from Source to North Burn surface water body catchment is also located north of the River Tees within the Hydrogen Pipeline Corridor. It has a Moderate ecological status and a Fail for chemical status for Di(2-ethylhexyl)phthalate, Mercury and Its Compounds and PBDE.

10A.2.107 The following WFD Surface Water Bodies are present within 1 km of the Proposed Development Site:

- Tees Transitional Waterbody, Fail chemical rating, Moderate ecological rating, located within the River Tees.

10A.2.108 A summary of surface water bodies and associated designation of WFD waterbody downstream and within 1 km of the Proposed Development Site are presented in Table 10A-24.

Table 10A-24: Surface Waterbodies and Associated WFD Waterbody within 1 km of the Main Site and Connection Corridors

WATERBODY	WATERBODY TYPE	WFD DESIGNATION OR ASSOCIATED WFD WATERBODY (WHERE APPLICABLE)
Tees Bay	Coastal	Tees Coastal Water (GB650301500005)
River Tees	Watercourse (Main River)	TEES Transitional Waterbody (GB510302509900)
The Fleet	Watercourse (Ordinary)	River Tees (S Bank) (GB1030250723320)
Main's Dike	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Mill Race	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Dabholm Gut	Watercourse (Ordinary)	Designated under the TEES Transitional Waterbody (GB510302509900)
Dabholm Beck	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Kinkerdale Beck	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Knitting Wife Beck	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Holme Fleet	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Belasis Beck	Watercourse (Ordinary)	Tributary of Holme Fleet and therefore associated with the Tees Transitional WFD Waterbody
Cross Beck	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Greatham Creek	Watercourse (Main River)	Designated under the Tees Transitional WFD Waterbody
Mucky Fleet	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Swallow Fleet	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Cowbridge Beck	Watercourse (Main River)	Cowbridge Beck from Source to North Burn WFD Waterbody GB103025072380

WATERBODY	WATERBODY TYPE	WFD DESIGNATION OR ASSOCIATED WFD WATERBODY (WHERE APPLICABLE)
Castle Gill	Watercourse (Ordinary)	Tributary of the Tees Transitional WFD Waterbody
Saltholme Nature Reservoir Ponds, Brine Reservoirs, Brine Field, and refinery ponds	Stillwater	Catchment of Tees Transitional WFD Waterbody
Ponds at Billingham Technology Park	Stillwater	Catchment of Tees Transitional WFD Waterbody
Ponds within Coatham Dunes and Bran Sands	Stillwater	Catchment of Tees Transitional WFD Waterbody
Ponds at Coatham Marsh	Stillwater	Catchment of Tees Transitional WFD Waterbody
Numerous industrial ponds and artificial waterbodies across the area including Lazenby Reservoirs and Salthouse Brine Reservoirs	Stillwater	Catchment of Tees Transitional WFD Waterbody

Surface Water Flood Risk

10A.2.109 Flood risk details for the Proposed Development Site are presented in Chapter 9 (ES Volume I, EN070009/APP/6.2).

Licensed Surface Water Abstractions

10A.2.110 The Groundsure Report (Annex A) presents a summary of the Licensed Surface Water Abstractions and Potable Abstractions. These abstractions are presented on Figure 10-17 (ES Volume II, EN070009/APP/6.3).

- Licensed Surface Water Abstractions: Licensed surface water abstractions for sites extracting more than 20 m³ of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.
- Licensed Potable Abstractions: Licensed potable water abstractions for sites extracting more than 20 m³ of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

10A.2.111 The following Licensed Surface Water Abstractions are present within 1 km of the Proposed Development Site:

- 82 m west of Main Site – British Steel PLC, River Tees , Historical, Max daily volume: 722,828 m³, 454700, 525900;
- 502 m east of Hydrogen Pipeline Corridor – Royal Society for the Protection of Birds, NE/025/0001/008, Status: Active, Volumes not supplied, 449732, 522992; and
- 534 m south of Hydrogen Pipeline Corridor – Tees Bulk Handling LTD, River Tees, Historical, 1/25/04/123, Volumes not supplied, 454600, 523500.

10A.2.112 There are no Licensed Potable Abstractions within 1 km of the Proposed Development Site.

Hydrogeology

Groundwater Bodies

10A.2.113 The following WFD Groundwater Bodies are present at the Proposed Development Site:

- Tees Sherwood Sandstone, Good chemical rating and Good quantitative rating (2019); and
- Tees Mercia Mudstone, Poor chemical rating and Good quantitative rating (2019).

Aquifer Designations

10A.2.114 Figure 10-12a to 10-12g and Figure 10-13a to 10-13g (ES Volume II, EN070009/APP/6.3) present the designated superficial and bedrock aquifers below the Proposed Development Site, respectively. The designated aquifers have been defined by the Environment Agency (EA), as follows:

- Principal Aquifer: “layers of rock or drift deposits that have high intergranular and / or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and / or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.”
- Secondary Aquifer – A: “permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.”
- Secondary Aquifer – B: “predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers.”
- Secondary Aquifer – Undifferentiated: “has been assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type.”
- Unproductive Strata: “these are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.”

10A.2.115 The Environment Agency define a Groundwater Source Protection Zone (SPZs) as the sensitivity of an area around a potable abstraction site to contamination. The zones are defined by the Environment Agency, as follows:

- Inner Zone (SPZ1): “This zone is 50 day travel time of pollutant to source with a 50m default minimum radius.”
- Inner Zone (SPZ2): “This zone is 400 day travel time of pollutant to source. This has a 250 or 500 metres minimum radius around the source depending on the amount of water taken.”
- Total Catchment (SPZ3): “This is the area around a supply source within which all the groundwater ends up at the abstraction point. This is the point from where the water is taken. This could extend some distance from the source point.”
- Zone of special interest (SPZ4): “This zone is where local conditions require additional protection.”

10A.2.116 The Groundwater Vulnerability Maps show the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a single square kilometre. The Environment Agency have defined groundwater vulnerability for each aquifer type expressed from high to unproductive.

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- High: “areas that can easily transmit pollution to groundwater. They are characterised by high-leaching soils and the absence of low-permeability superficial deposits.”
 - Medium: “areas that offer some groundwater protection. Intermediate between high and low vulnerability.”
 - Low: “areas that provide the greatest protection to groundwater from pollution. They are likely to be characterised by low-leaching soils and/or the presence of low-permeability superficial deposits.”
 - Unproductive: “areas comprised of rocks that have negligible significance for water supply or baseflow to rivers, lakes and wetlands. They consist of bedrock or superficial deposits with a low permeability that naturally offer protection to any aquifers that may be present beneath.”

10A.2.117 The Groundsure Reports are included in Annex A. Details of hydrogeological features within the respective site areas are summarised in Table 10A-25.

Table 10A-25: Hydrogeology

RELEVANT FEATURE	DESIGNATION	STRATA
Main Site		
Superficial Aquifer	<ul style="list-style-type: none"> Secondary A and Secondary Undifferentiated Unproductive Secondary Undifferentiated 	<ul style="list-style-type: none"> Tidal Flat Deposits Glaciolacustrine Deposits Till
Bedrock Aquifer	<ul style="list-style-type: none"> Secondary B Secondary B Secondary Undifferentiated 	<ul style="list-style-type: none"> Mercia Mudstone Penarth Group Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial)	-
Source Protection Zone	None within 1 km	-
CO ₂ Export Corridor		
Superficial Aquifer	<ul style="list-style-type: none"> Secondary A Secondary A Secondary Undifferentiated Unproductive 	<ul style="list-style-type: none"> Tidal Flat Deposits Blown Sand Till Glaciolacustrine Deposits
Bedrock Aquifer	<ul style="list-style-type: none"> Secondary B Secondary B Secondary Undifferentiated 	<ul style="list-style-type: none"> Mercia Mudstone Penarth Group Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial)	-
Source Protection Zone	None within 1 km	-

RELEVANT FEATURE	DESIGNATION	STRATA
Natural Gas Connection Corridor		
Superficial Aquifer	<ul style="list-style-type: none"> • Secondary A • Secondary A • Secondary Undifferentiated • Unproductive 	<ul style="list-style-type: none"> • Tidal Flat Deposits • Blown Sand • Till • Glaciolacustrine Deposits
Bedrock Aquifer	<ul style="list-style-type: none"> • Secondary B • Secondary B • Secondary Undifferentiated 	<ul style="list-style-type: none"> • Mercia Mudstone • Penarth Group • Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial)	-
Source Protection Zone	None within 1 km	-
Water Connection Corridor		
Superficial Aquifer	<ul style="list-style-type: none"> • Secondary A • Secondary A • Secondary Undifferentiated • Unproductive 	<ul style="list-style-type: none"> • Tidal Flat Deposits • Blown Sand • Till • Glaciolacustrine Deposits
Bedrock Aquifer	<ul style="list-style-type: none"> • Secondary B • Secondary B • Secondary Undifferentiated 	<ul style="list-style-type: none"> • Mercia Mudstone • Penarth Group • Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial) Medium (Secondary Superficial)	-
Source Protection Zone	None within 1 km	-

RELEVANT FEATURE	DESIGNATION	STRATA
Electrical Connection Corridor		
Superficial Aquifer	<ul style="list-style-type: none"> • Secondary A • Secondary A • Secondary Undifferentiated • Unproductive 	<ul style="list-style-type: none"> • Tidal Flat Deposits • Blown Sand • Till • Glaciolacustrine Deposits
Bedrock Aquifer	<ul style="list-style-type: none"> • Secondary B • Secondary B • Secondary Undifferentiated 	<ul style="list-style-type: none"> • Mercia Mudstone • Penarth Group • Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial) Medium (Secondary Superficial) Low (Secondary Bedrock)	-
Source Protection Zone	None within 1 km	-
Hydrogen Pipeline Corridor		
Superficial Aquifer	<ul style="list-style-type: none"> • Secondary A • Secondary A • Secondary Undifferentiated • Unproductive 	<ul style="list-style-type: none"> • Tidal Flat Deposits • Blown Sand • Till • Glaciolacustrine Deposits
Bedrock Aquifer	<ul style="list-style-type: none"> • Principal • Secondary B • Secondary B • Secondary Undifferentiated 	<ul style="list-style-type: none"> • Sherwood Sandstone Group • Mercia Mudstone • Penarth Group • Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial)	-

RELEVANT FEATURE	DESIGNATION	STRATA
	Medium (Secondary Superficial) Low (Secondary Superficial) Medium (Secondary Bedrock) Low (Secondary Bedrock)	
Source Protection Zone	None within 1 km	-
Other Gases Connection Corridor		
Superficial Aquifer	<ul style="list-style-type: none"> ● Secondary A ● Secondary A 	<ul style="list-style-type: none"> ● Tidal Flat Deposits ● Blown Sand
Bedrock Aquifer	<ul style="list-style-type: none"> ● Secondary B ● Secondary B ● Secondary Undifferentiated 	<ul style="list-style-type: none"> ● Mercia Mudstone ● Penarth Group ● Redcar Mudstone
Groundwater Vulnerability	High (Secondary Superficial)	-
Source Protection Zone	None within 1 km	-

10A.2.118 The aquifer designations and inferred groundwater vulnerability risk may constitute an unusual or onerous constraint for development, particularly in relation to the historical slag / iron and steel works, infilled land and registered and historical landfills on the site. Ground investigation and installation of groundwater quality monitoring standpipes is proposed. Further groundwater risk assessment may be required.

10A.2.119 BGS Groundwater Flood Susceptibility (GFS) data is also provided in the Groundsure Report (Annex A). Details of the potential for groundwater flooding within 200 m of the Proposed Development Site are shown in Table 10A-26.

Table 10A-26: Risk of Flooding from Groundwater

LOCATION	ON-SITE GROUNDWATER FLOODING RISK
Main Site	Low to Negligible
CO ₂ Export Corridor	Low
Natural Gas Connection Corridor	Low
Water Connection Corridor	Low to Negligible
Electrical Connection Corridor	Low to Negligible
Hydrogen Pipeline Corridor, North of the River Tees, including the River Tees	High to Negligible Negligible within the River Tees
Hydrogen Pipeline Corridor, South of the River Tees	Low to Negligible
Other Gases Connection Corridor	Low to Negligible

Groundwater Abstractions

10A.2.120 Groundwater Abstraction locations are presented on Figure 10-16 (ES Volume II, EN070009/APP/6.3).

10A.2.121 Groundwater abstraction licenses are required if a site extracts more than 20 m³ of water a day and includes active and historical records.

10A.2.122 There are no groundwater abstractions licenses on or within 1 km of the Main Site, CO₂ Export Corridor, Natural Gas Connection Corridor, Water Connection Corridor, Electrical Connection Corridor, or Other Gases Connection Corridor.

10A.2.123 There are no groundwater abstraction licenses on or within 1 km of the Hydrogen Pipeline Corridor – South of the River Tees.

10A.2.124 There are 35 groundwater abstraction licenses within the Hydrogen Pipeline Corridor – North of the River Tees, the details are as follows:

- Two entries relate to one historical license (1/25/04/060) for general use relating to secondary category (medium loss) from groundwater within the Sherwood Sandstone Formation. 1966 – no end date. 449800, 526600.

- Two entries relate to one historical license (1/25/04/068) for general use relating to secondary category (medium loss) from groundwater within 'Triassic mudstones – seal sands'. 1966 – no end date. 450700, 522950.
- Two entities relate to one historical license (1/25/04/133) for general use relating to secondary category (medium loss) for groundwater within the Sherwood Sandstone. 1975 – no end date. 451140, 524100.
- 29 No. entries relate to one historical license (1/25/04/134) for general use relating to secondary category (medium loss) and (low loss), and make-up or top-up water for groundwaters within the Sherwood Sandstone. 1975 – no end date. 451230, 524700.

Historical Development

10A.2.125 The following Groundsure Reports / Envirocheck Reports were used to assess the history at the Proposed Development Site:

- Envirocheck Report 284970768_1_1 – 21/09/2021 (Main Site);
- Groundsure Report - GS-9167761 – 01/11/2022 (Main Site);
- Envirocheck Report - 233803971_1_1 – 10/02/2020 (Main Site and All Connection Corridors);
- Groundsure Report - GS-9167762 – 01/11/2022 (Main Site and All Connection Corridors);
- Groundsure Report - GS-9167694 – 01/11/2022 (Main Site and All Connection Corridors);
- Groundsure Report - GS-9366848 – 20/02/2023 (Main Site and Hydrogen Pipeline Corridor);
- Groundsure Report - GS-9167693 – 01/11/2022 (Hydrogen Pipeline Corridor);
- Groundsure Report - GS-9167761 – 01/11/2022 (Hydrogen Pipeline Corridor);
- Groundsure Report - GISP-2022-13154-11993 – 05/12/2022 (Hydrogen Pipeline Corridor);
- Groundsure Report - GISP-2023-13293-12624_A_1 to G_1 – 06/12/2022 (Hydrogen Pipeline Corridor);
- Groundsure Report - GS-9167787 – 01/11/2022 (Hydrogen Pipeline Corridor and Electrical Connection Corridor);
- Groundsure Report - GS-9167692 – 01/11/2022 (Hydrogen Pipeline Corridor);
- Groundsure Report - GS-9167765 - 01/11/2022 (Hydrogen Pipeline Corridor); and
- Groundsure Report - GS-9167696 01/11/2022 (Hydrogen Pipeline Corridor).

Main Site

10A.2.126A summary of the historical development at the Main Site and associated Connection Corridors is presented in Table 10A-27 to Table 10A-34.

Table 10A-27: Summary of Historical Development at the Main Site

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	(c. 1856 – 1857, 1:10,560) The Site is within Bran Sands. (c. 1893, 1:10,560). A pond is located in the north-east corner of the Site. There are two tramways that transect the northern portion of the Site. One originating from Redcar Jetty travelling northwest through the Site before curving along the northern boundary of the north-eastern portion of Site and exits the Site running towards the Iron Works approximately 850 m south-east. The second tramway crosses the first line and runs southeast towards the Iron Works. No development within the southern portion of the Site.	(c. 1893, 1:10,560) Coatham Sands is situated immediately north of the Site.
1910 – 1920	(c.1913, 1:10,560) No significant developments.	(c.1913, 1:10,560) No significant developments.
1920 – 1930	(c.1923 – 1927, 1:10,560) Railway sidings and a large industrial building associated with Redcar Iron and Steel Works are denoted in the north-east corner of the Main Site. One Sand Pit is labelled in the north-west corner.	(c. 1923 – 1927, 1:10,560, 1:2,500) Warrenby Slag Works denoted 250 m N. A Slag & Tarmacadam Works is shown approximately 105 m E and 450 m E. Significant industrial development immediately east of Site relating to Redcar Iron & Steel Works, including numerous tanks, sidings, rail lines, buildings, water towers and metre house.
1930 – 1940	(c.1938, 1:10,560) No significant developments.	(c.1938, 1:10,560) No significant developments.
1950 – 1960	(c.1953, 1:10,000) Salt Marsh situated along the eastern boundary. (c. 1952, 1:1,250) A Pumping Station is denoted in the north-east corner of the Site.	(c.1953, 1:10,560) No significant developments. (c.1952, 1:2,000) Tanks are denoted in the north-east corner of the Main Site. (c. 1952, 1:1,250) Numerous drains and ponds along the eastern boundary of Site within marsh land.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
		(c.1953, 1:2,050) Two Slag Heaps identified within 500 m from the north-east corner.
1960 – 1970	(c.1969, 1:10,560) Numerous tracks have appeared along the northern portion of Site, splintering off Redcar Jetty. Refuse tips / slag heaps are denoted in the northern and central areas of the Main Site. Redcar Iron and Steel Works is now identified as a Works.	(c.1968, 1:2,500) Spoil Heap situated approximately 100 m NW of Site. (c.1969, 1:10,560) Warrenby Slag Works is no longer denoted.
1970 – 1980	(c. 1970 – 1976, 1:10,000) Fewer railway lines are denoted within the Main Site. (c. 1972, 1:1,250) The south portion of the Site is now referred to as South Teesside Works, Redcar. (c.1974, 1:10,000) No significant developments.	(c. 1972, 1:1,250) (c.1974, 1:10,000) There are also a series of railway lines with now run immediately parallel to the southern boundary of Site. Active Workings are shown 400 m SE. (c. 1976, 1:1,250) South Teesside Works extends outside of eastern Site boundary.
1980 – 1990	(c.1980 - 1983, 1:10,000, 1:1,250) Full Site now operational as Teesside Works, Redcar. Numerous buildings, tanks, conveyors, flare stacks, cooling towers, gasholders, chimneys, tracks and roadways now present across the whole Site.	(c.1980, 1:10,000) Immediately north of Site remains unchanged, Coatham Dunes. Immediately east of Site is an extension of Teesside Works, north-west of Site is undeveloped land. Southwest and south of Site is a continuation of South Tees Development Corporation (STDC) , mainly conveyors.
1990 – 2000	(c. 1994, 1:1,250) No significant changes.	(c. 1994, 1:1,250) No significant changes.
2000 – 2010	(c.2001, 1:10,560) No significant developments.	(c.2001, 1:10,560) Tip identified approximately 200 m N within Coatham Dunes. There are also 8 no. ponds of varying sizes in this area.
2010 – 2020	(c. 2010, 1:10,000) Two ponds are now present in the north of the Site.	(c. 2010, 1:10,000) No significant changes.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
2020 – 2023	(c. 2022, 1:10,000) The pond within the north-western section is no longer present. Site infrastructure has significantly reduced on Site, particularly in the northwest corner.	(c. 2022, 1:10,000) No significant changes.

CO₂ Export Corridor

Table 10A-28: Summary of Historical Development at the CO₂ Export Corridor

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	<p>(c. 1853, 1:10,560) The Corridor is within Bran Sand.</p> <p>(c. 1893, 1:10,560) Large areas of sand are labelled within the northern and southern sections. A tramway runs north-west to south-east through the northern extent of the Corridor, along the South Gare Breakwater. Various ponds are located throughout the Corridor.</p>	<p>(c. 1856 – 1857, 1:10,560) The N.E.R. Darlington and Saltburn Branch Railway line is denoted approximately 10 m E. Coatham Marsh is denoted to the east of the railway line.</p> <p>(c. 1893, 1:10,560) An Iron Works is located approximately 130 m E and 220 m E.</p> <p>(c. 1894, 1:2,500) The Iron Works located 130 m E is now identified as Coatham Iron Works.</p>
1900 – 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	<p>(c. 1913, 1:10,560) The Marshes is labelled within and surrounding the site sections.</p> <p>(c. 1913-1914, 1:10,560), (c. 1915, 1:2,500) A Tar Macadam Works encroaches on the eastern boundary of the Corridor.</p>	<p>(c. 1913-1914, 1:10,560) A Slag Wool Works is shown approximately 135 m E. A Slag Brick Works is denoted approximately 380 m E. The Iron Works located approximately 220 m E is now identified as Redcar Iron Works.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
		(c. 1914 – 1915, 1:2,500) A further Slag Wool Works is denoted approximately 465 m E.
1920 – 1930	<p>(c. 1923 – 1927, 1:10,560) Significant industrial development associated with Redcar Iron and Steel Works is denoted throughout the Corridor including industrial buildings, railway sidings and tanks. Two Slag and Tar Macadam Works are denoted in the northern extent of the Corridor.</p> <p>(c. 1929, 1:2,500) Water Coolers, Meter Houses and a Reservoir are denoted within the western extent of the Corridor.</p>	<p>(c. 1923 – 1927, 1:10,560) Warrenby Slag Works are denoted approximately 430 m NW.</p> <p>(c. 1927, 1:10,560) The railway line identified as N.E.R. Darlington and Saltburn Branch is now denoted as London and North Eastern Railway.</p> <p>(c. 1929, 1:2,500) Water Coolers, Tanks. Travelling Cranes and Chimneys are denoted approximately 200 m E. The Slag Wool Works and Slag Brick Works are no longer denoted.</p>
1930 – 1940	(c.1938-1940, 1:10,560) No significant developments observed)	(c.1938-1940, 1:10,560) No significant developments observed)
1940 – 1950	Dates not mapped.	Dates not mapped.
1950 – 1960	(c. 1952-1954, 1:2,500), (c. 1952-1955, 1:10,560) The Slag and Tar Macadam Works are no longer denoted. A Cooling Tower encroaches on the western boundary.	(c. 1952-1954, 1:2,500), (c. 1952-1955, 1:10,560) No significant developments.
1960 – 1970	(c. 1969, 1:10,560) The Redcar Iron and Steelworks is now labelled as Works. Refuse heaps / slag heaps are denoted in the north-east corner.	(c. 1969, 1:10,560). Refuse / slag heaps are denoted within 500 m from the northern boundary. Warrenby Slag Works is no longer present.
1970 – 1980	(c. 1970 – 1976, 1:10,000; c. 1974, 1:10,000) Various railway tracks are shown to intersect through the southern half of the site in an east to west direction. Warrenby Station is located on the	(c. 1970 – 1976, 1:10,000; c. 1974, 1:10,000) Active Workings are denoted approximately 360 m S. The industrial development located to the east such as the

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>eastern boundary.</p> <p>(c.1973 – 1983, 1:1,250) The Corridor is identified as South Teesside Works, Redcar. Embankments are denoted either side of the railway. The drains are no longer identified within the Natural Gas Corridor. Industrial development is denoted throughout the Corridor including Travelling Cranes, Tanks and Conveyors.</p> <p>NB. The old Redcar Iron and Steelworks was completely demolished in the 1970s and replaced by the new Redcar Steelworks.</p>	<p>overhead pipeline, pipe bridge and travelling cranes are no longer shown.</p> <p>(c.1973 – 1983, 1:1,250) The area to the east of the Corridor is also denoted as South Teesside Works, Redcar.</p>
1980 – 1990	<p>(c.1980 – 1983, 1:10,000) Industrial development has taken place across the site area and it is encompassed within the wider Teesside Works, Redcar. In the northern section, various industrial infrastructure is present including conveyors and roads intersecting the site. In the southern section, the railway tracks are still shown to be present, with a road and various industrial infrastructure including conveyors and a chimney. The refuse / slag heaps are no longer denoted.</p> <p>(c.1981-1983, 1:1,250) Conveyors are mapped in the southern section.</p> <p>(c. 1984 – 1988, 1:1,250) Tanks, Hoppers and Lighting Towers are denoted throughout the Corridor.</p>	<p>(c.1980– 1983, 1:10,000) Significant industrial development has occurred surrounding the Corridor as part of Teesside Works, Redcar. Within the surrounding area, there are various conveyors, tanks and other industrial infrastructure associated with the works. The active workings to the south are labelled as workings. The railway approximately 10 m E is labelled as dismantled. A small pond is observed approximately 100 m S from the Corridor.</p> <p>(c. 1988 – 1991, 1:10,000) The Workings to the south are no longer denoted and multiple ponds are denoted in the same location.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1990 – 2000	(c. 1991, 1:10,000; 1993, 1:1,250) No significant developments observed. (c.1999) The aerial image shows that there are several black to grey coloured material stockpiles throughout the north-western extent of the Natural Gas Connection Corridor.	(c. 1991, 1:10,000; 1993, 1:1,250) No significant developments observed.
2000 – 2010	(c. 2001, 1:10,000) No significant developments observed.	(c. 2000, 1:10,000) Circular structures, assumed to be tanks associated with the Sewage Works, are located approximately 400 m S.
2010 – 2020	(c. 2010, 1:10,000) No significant developments observed.	(c. 2010, 1:10,000) No significant developments observed.
2020 – 2023	(c. 2020, 1:10,000) Factories are denoted within the Water Connection Corridor. Fewer Conveyors are denoted throughout the Corridor.	(c. 2020, 1:10,000) Factories are denoted in the surrounding area to the north and west of the Water Connection Corridor.

Natural Gas Connection Corridor

Table 10A-29: Summary of Historical Development at the Natural Gas Connection Corridor

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	(c. 1853, 1:10,560) The Corridor is within Bran Sand. (c.1893, 1:10,560) A Tramway is denoted in the northern extent of the Corridor orientated north-west to south-east.	(c. 1856 – 1857, 1:10,560) A railway line is denoted approximately 115 m E orientated north-east to south-west. Coatham Marsh is denoted to the east of the railway line. (c.1893, 1:10,560) The railway line is identified as N.E.R. Darlington and Saltburn Branch. Further railway lines

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	(c. 1894 1:2,500) Areas of sand are denoted in the western area of the Natural Gas Corridor. The far western and eastern areas of the Corridor are denoted as marshland associated with The Marshes.	orientated east to west are denoted adjoining to the main branch approximately 160 m E. An Iron Works is denoted approximately 130 m E and 220 m E. (c. 1894, 1:2,500) The Iron Works located approximately 130 m E is now identified as Coatham Iron Works.
1900 – 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	(c.1913, 1:10,560; 1914 – 1915, 1:2,500) A Tarmacadam Works encroaches on the northern boundary of the Corridor.	(c.1913, 1:10,560) The Iron Works located approximately 220 m E is now identified as Redcar Iron Works. (c. 1914 – 1915, 1:2,500) Coatham Iron Works is now denoted as a Slag Wool Works. A Slag Wool Works and a Slag Brick Works are denoted approximately 360 m N and 400 m E respectively. A further Slag Wool Works is denoted approximately 445 m E.
1920 – 1930	(c. 1923 – 1927, 1:10,560) Multiple railway sidings and industrial buildings associated with Redcar Iron and Steel Works are denoted in the northern extent of the Corridor.	(c. 1923 – 1927, 1:10,560) The Slag Wool Works and Slag Brick Works are no longer denoted and further railway lines are shown in a similar location. Multiple railway sidings are denoted immediately north and east of the Corridor. A Slag and Tarmacadam Works is denoted approximately 265 m NW. (c. 1927, 1:10,560) The railway line identified as N.E.R. Darlington and Saltburn Branch is now denoted as London and North Eastern Railway.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
		(c. 1929, 1:2,500) Further industrial infrastructure is denoted approximately 200 m E including multiple buildings, Travelling Cranes, Tanks and Water Coolers. The Tar Macadam Works, Slag Wool Works and Slag Brick Works are no longer shown.
1930 – 1940	(c. 1938, 1:10,560) No significant developments observed.	(c. 1938, 1:10,560) No significant developments observed.
1940 – 1950	Dates not mapped.	Dates not mapped.
1950 – 1960	<p>(c. 1953, 1:10,000) No areas of sand are denoted within the Natural Gas Corridor boundary.</p> <p>(c.1953 – 1954, 1:1,250) Multiple drains are denoted throughout the Natural Gas Corridor orientated roughly north to south and east to west. An Overhead Pipe is shown orientated north-west to south-east.</p>	(c.1953 – 1954, 1:1,250) Multiple drains are denoted within 250 m from the Natural Gas Corridor orientated roughly north to south and east to west. A Pump House is denoted approximately 180 m E and a Pipe Bridge is shown approximately 255 m E.
1960 – 1970	<p>(c. 1964, 1:2,500) Pipelines are denoted in the southern area of the Other Gases Connection Corridor.</p> <p>(c. 1969, 1:10,560) Redcar Iron and Steel Works is now identified as a Works. NB. The old Redcar Iron and Steelworks was completely demolished in the 1970s and replaced by the new Redcar Steelworks.</p>	<p>(c. 1960 – 1963, 1:1,250) Further railway sidings / lines are denoted approximately 40 m S from the southern section of the Corridor.</p> <p>(c.1964, 1:2,500) A Refuse Tip is denoted approximately 270 m SE and 370 m SW from the southern extent of the Corridor.</p> <p>(c. 1969, 1:10,560) Refuse / slag heaps are denoted within 500 m from the northern boundary.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1970 – 1980	<p>(c. 1970 – 1976, 1:10,000) Fewer railway lines are denoted within the Natural Gas Corridor boundary. Railway lines are shown orientated west to east through the western extent of the Corridor.</p> <p>(c.1973 – 1983, 1:1,250) The Natural Gas Connection Corridor is identified as South Teesside Works, Redcar. Embankments are denoted either side of the railway. The drains are no longer identified within the Natural Gas Corridor. A Travelling Crane and Conveyors are denoted within the north-western extent of the Corridor. Warrenby Station is denoted on the eastern boundary.</p> <p>(c.1974, 1:10,000) Pipelines are denoted within the southern extent of the Corridor orientated east to west.</p>	<p>(c. 1970 – 1976, 1:10,000) Fewer railway lines and sidings are denoted to the east of the Natural Gas Corridor. Active Workings are shown adjacent to the western boundary. The Fleet is shown adjacent to the eastern boundary flowing towards the west. The industrial development to the east is no longer shown.</p> <p>(c.1974, 1:10,000) An Electric Sub Station is denoted approximately 295 m E from the southern extent of the Corridor. The Refuse Tip to the south-east is no longer shown and Active Workings are denoted in the same location. The Refuse Tip located to the south-west is no longer shown.</p> <p>(c.1973 – 1983, 1:1,250) Industrial development has occurred immediately north associated with Teesside Works, Redcar. The area to the east of the Natural Gas Connection Corridor is also denoted as South Teesside Works, Redcar.</p>
1980 – 1990	<p>(c.1980 – 1983, 1:10,000) Further industrial development has occurred associated with Teesside Works, Redcar. Conveyors are denoted orientated east to west and north to south. Chimneys are denoted in the northern extent of the Corridor.</p>	<p>(c.1980 – 1983, 1:10,000) Further Conveyors and industrial buildings are denoted to the north and west of the Natural Gas Corridor associated with Teesside Works, Redcar. A Dismantled Railway is identified adjacent to the eastern boundary of the Natural Gas Corridor. A pond is denoted approximately 105 m S. The Active Workings to the south-east of the Corridor are no longer shown.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	(c.1984 – 1988, 1:1,250) Further railway lines are denoted in the southern area of the Natural Gas Corridor. Several Lighting Towers and an Electric Sub Station are denoted throughout the Corridor.	(c.1984 – 1988, 1:1,250) Industrial infrastructure is denoted up to 1 km N and W including hoppers, conveyors, tanks and chimneys. (c. 1988 – 1991, 1:10,000) The Workings to the south are no longer denoted and multiple ponds are denoted in the same location.
1990 – 2000	(c.1999) The aerial image shows that there are several black to grey coloured material stockpiles throughout the north-western extent of the Natural Gas Connection Corridor.	(c. 1991, 1:10,000; 1993, 1:1,250) No significant developments observed.
2000 – 2010	(c.2000, 1:10,000) No significant developments observed.	(c.2000, 1:10,000) A Sewage Works is denoted adjacent to the western boundary. (c. 2006, 1:10,000) Fewer conveyors are denoted approximately 200 m N.
2010 – 2020	(c.2010, 1:10,000) No significant developments observed.	(c.2010, 1:10,000) No significant developments observed.
2020 – 2023	(c.2020, 1:10,000) Factories are denoted within the Water Connection Corridor. Fewer Conveyors are denoted throughout the Corridor.	(c.2020, 1:10,000) Factories are denoted in the surrounding area to the north and west of the Corridor.

Water Connection Corridor

Table 10A-30: Summary of Historical Development at the Water Connection Corridor

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	<p>(c. 1856 – 1857, 1:10,560) The Water Connection Corridor is situated within Coatham Marsh. A railway line is denoted through the north-eastern area of the Water Connection Corridor.</p> <p>(c.1893, 1:10,560) The railway line is identified as N.E.R. Darlington and Saltburn Branch. A Tramway is denoted in the northern extent of the Corridor orientated north-west to south-east. An Iron Works encroaches on the north-east extent of the Corridor. The Fleet is denoted flowing in a westerly direction through the north-east extent of the Corridor.</p> <p>(c. 1894 1:2,500) Areas of sand are denoted in the western area of the Water Connection Corridor. The far western area of the Water Connection Corridor is denoted as marshland associated with The Marshes. The Iron Works are now identified as Coatham Iron Works. The Iron Works is now identified as Coatham Iron Works.</p> <p>(c.1895, 1:10,560) Mounds encroach on the north-eastern extent of the Corridor.</p>	<p>(c. 1856 – 1857, 1:10,560) Coatham Marsh extends to the east of the Water Connection Corridor.</p> <p>(c. 1893, 1:10,560) An Iron Works is denoted approximately 220 m E.</p>
1900 – 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	(c.1913, 1:10,560, 1913 – 1914 1:10,560) A Tar Macadam Works encroaches on the northern boundary of the Water Connection Corridor.	(c. 1913 – 1914, 1:10,560) The Iron Works is now identified as Redcar Iron Works.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	(c. 1914 – 1915, 1:2,500) Coatham Iron Works is now denoted as a Slag Wool Works. Tanks and Brick Kilns are denoted within the Corridor associated with the works.	(c. 1913 – 1914, 1:10,560) A Slag Wool Works is denoted approximately 140 m E from the Water Connection Corridor. A Slag Brick Works is denoted approximately 290 m S from the north-eastern extent of the Corridor. (c. 1914 – 1915, 1:2,500) A Slag Wool Works is denoted adjacent to the Slag Brick Works approximately 370 m E.
1920 – 1930	(c. 1923 – 1927, 1:10,560) Significant industrial development associated with Redcar Iron and Steel Works is denoted throughout the Corridor including industrial buildings, railway sidings and tanks. Two Slag and Tar Macadam Works are denoted in the northern extent of the Corridor. (c. 1927, 1:10,560) The railway line identified as N.E.R. Darlington and Saltburn Branch is now denoted as London and North Eastern Railway. (c. 1929, 1:2,500) A Meter House associated with Redcar Corporation Water Works encroaches on the north-eastern extent of the Corridor. Railway sidings are denoted in the north-eastern extent of the Corridor. NB. The old Redcar Iron and Steelworks was completely demolished in the 1970s and replaced by the new Redcar Steelworks.	(c. 1923 – 1927, 1:10,560) Warrenby Slag Works are denoted approximately 420 m NW. (c. 1929, 1:2,500) Further railway lines / sidings are shown immediately east from the Water Connection Corridor. The Slag Wool Works, Slag Brick Works and Tar Macadam Works are no longer denoted.
1930 – 1940	(c. 1938, 1:10,560) No significant developments observed.	(c. 1938, 1:10,560) No significant developments observed.
1940 – 1950	Dates not mapped.	Dates not mapped.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1950 – 1960	<p>(c. 1953, 1:10,000) No areas of sand are denoted within the Water Connection Corridor boundary.</p> <p>(c.1953 – 1954, 1:1,250) Multiple drains are denoted throughout the northern extent of the Water Connection Corridor orientated roughly north to south and east to west. An Overhead Pipeline is denoted orientated north-west to south-east and a Cooling Tower encroaches on the western boundary. Tanks, a Travelling Crane and a Water Tower are denoted in the northern extent of the Corridor.</p>	<p>(c.1953 – 1954, 1:1,250) Multiple drains are denoted within 250 m from the Water Connection Corridor orientated roughly north to south and east to west. The Slag Wool Works are no longer denoted. Ruins are shown approximately 130 m NE. A Pump House and a Pipe Bridge associated with an Overhead Pipeline are shown approximately 225 m E from the Water Connection Corridor.</p>
1960 – 1970	<p>(c. 1969, 1:10,560) The Redcar Iron and Steelworks is now labelled as Works. Refuse heaps / slag heaps are denoted in the north-east corner.</p>	<p>(c. 1969, 1:10,560). Refuse / slag heaps are denoted within 500 m from the northern boundary. Warrenby Slag Works is no longer present.</p>
1970 – 1980	<p>(c. 1970 – 1976, 1:10,000) Fewer railway lines are denoted within the Water Connection Corridor boundary. Redcar Iron and Steel Works is now denoted as Works. Railway lines are shown in the southern extent of the Corridor orientated west to east. A refuse / slag heap is denoted in the north-east corner which extends off-site to the north.</p> <p>(c.1973 – 1983, 1:1,250) The northern extent of the Water Connection Corridor is identified as South Teesside Works, Redcar. Embankments are denoted either side of the railway in the north-western extent of the Corridor. The drains are no longer identified within the Water Connection Corridor. Industrial development has occurred throughout the Corridor associated with South Teesside</p>	<p>(c. 1970 – 1976, 1:10,000). Active Workings are shown approximately 360 m S. A refuse / slag heap is denoted immediately north from the Corridor. The industrial development, including the Pump House, Pipe Bridge and Overhead Pipeline, to the east are no longer shown. A Water Cooler is denoted approximately 475 m W from the north-eastern extent of the Corridor.</p> <p>(c.1973 – 1983, 1:1,250) The area to the east of the Corridor is also denoted as South Teesside Works, Redcar.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>Works, Redcar including Conveyors, Traveling Cranes and an Electric Sub Station.</p> <p>NB. The old Redcar Iron and Steelworks was completely demolished in the 1970s and replaced by the new Redcar Steelworks.</p>	<p>(c. 1974, 1:10,000) An Industrial Estate is denoted approximately 65 m S from the north-eastern extent of the Corridor. Depots and a Factory are identified within the Industrial Estate. An Electric Sub Station is denoted approximately 165 m W from the north-eastern extent of the Corridor.</p>
<p>1980 – 1990</p>	<p>(c. 1980 – 1983, 1:10,000) The railway line orientated north to south is now identified as dismantled. A new railway line is identified in the north-east and central extent of the Corridor orientated north-east to south-west. Industrial development has taken place across the site area and it is encompassed within the wider Teesside Works, Redcar. In the northern section, various industrial infrastructure is present including conveyors and roads intersecting the site. In the southern section, the railway tracks are still shown to be present, with a road and various industrial infrastructure including conveyors and a chimney. Workings are denoted in the north-eastern extent of the Corridor. The refuse / slag heaps are no longer denoted.</p> <p>(c.1984 – 1988, 1:1,250) Tanks, Hoppers and Lighting Towers are denoted throughout the Corridor.</p>	<p>(c. 1980 – 1983, 1:10,000) Significant industrial development has occurred surrounding the Corridor as part of Teesside Works, Redcar. Within the surrounding area, there are various conveyors, tanks and other industrial infrastructure associated with the works. The active workings to the south are labelled as workings. The refuse / slag heap to the north of the Water Connection Corridor is no longer denoted. A pond is denoted approximately 100 m S. Steel House is denoted approximately 275 m W from the north-eastern extent of the Corridor.</p> <p>(c.1984 – 1988, 1:1,250) Industrial infrastructure is denoted adjacent to the western boundary including hoppers, conveyors, tanks and chimneys.</p> <p>(c. 1988 – 1991, 1:10,000) The Workings to the south are no longer denoted and multiple ponds are denoted in the same location.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1990 – 2000	<p>(c. 1991, 1:10,000) The Workings in the north-eastern extent are now identified as Disused Workings.</p> <p>(c.1999) The aerial image shows that there are several black to grey coloured material stockpiles throughout the northern extent of the Water Connection Corridor.</p>	(c. 1991, 1:10,000; 1993, 1:1,250) No significant developments observed.
2000 – 2010	(c.2000, 1:10,000; 2001, 1:10,000) The Disused Workings are no longer denoted.	<p>(c.2000, 1:10,000) Circular structures, assumed to be tanks associated with the Sewage Works, are located approximately 400 m S.</p> <p>(c. 2001, 1:10,000) A Depot is denoted approximately 240 m NE. The ponds located to the south are no longer denoted.</p> <p>(c. 2006, 1:10,000) Fewer conveyors are denoted approximately 40 m W from the north-western extent of the Corridor.</p>
2010 – 2020	(c.2010, 1:10,000) No significant developments observed.	(c.2010, 1:10,000) No significant developments observed.
2020 – 2023	(c.2020, 1:10,000) Factories are denoted within the Water Connection Corridor. Fewer Conveyors are denoted throughout the Corridor.	(c.2020, 1:10,000) Factories are denoted in the surrounding area to the north and west of the Water Connection Corridor.

Electrical Connection Corridor

Table 10A-31: Summary of Historical Development at the Electrical Connection Corridor

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	<p>(c. 1856 – 1857, 1:10,560) The Electrical Connection Corridor is situated within Coatham Marsh.</p> <p>(c.1893, 1:10,560) The railway line is identified as N.E.R. Darlington and Saltburn Branch. A Tramway is denoted in the northern extent of the Corridor orientated north-west to south-east. Dabholm Beck is denoted adjacent to the Electrical Connection Corridor flowing towards the west.</p> <p>(c. 1894 1:2,500) Areas of sand are denoted in the north-western area of the Electrical Connection Corridor. The far north-western area of the Corridor are denoted as marshland associated with The Marshes.</p>	<p>(c. 1856 – 1857, 1:10,560) A railway line is denoted approximately 75 m E from the northern extent of the Electrical Connection Corridor orientated north-east to south-west. Coatham Marsh extends to the east of the Electrical Connection Corridor.</p> <p>(c.1893, 1:10,560) An Iron Works is denoted approximately 85 m E and 200 m E.</p> <p>(c. 1894, 1:2,500) The Iron Works located 85 m E are now identified as Coatham Iron Works. The Tramway through the Corridor extends further north in a north-east to south-west direction. Multiple railway sidings are denoted adjacent to the eastern boundary in the northern extent of the Corridor. Middle Farm is denoted approximately 315 m SE from the Corridor.</p>
1900 – 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	<p>(c.1913, 1:10,560) West Coatham Marsh is denoted within the southern area of the Electrical Connection Corridor. Unidentified water features are shown flowing to the north-east and south-west.</p>	<p>(c.1913, 1:10,560) The Iron Works located 200 m E are now identified as Redcar Iron Works.</p> <p>(c. 1913 – 1914, 1:10,560) A Slag Wool Works and a Slag Brick Works are denoted approximately 120 m E and 310 m E respectively.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>(c. 1913 – 1914, 1:10,560) A Tar Macadam Works encroaches on the northern boundary of the Corridor.</p> <p>(c. 1914 – 1915, 1:2,500) Brick Kilns are denoted adjacent to the Slag Wool Works.</p>	<p>(c. 1914 – 1915, 1:2,500) Coatham Iron Works is now denoted as a Slag Wool Works. A Slag Wool Works is denoted approximately 390 m E.</p>
1920 – 1930	<p>(c. 1923 – 1927, 1:10,560) Significant industrial development associated with Redcar Iron and Steel Works is denoted throughout the Corridor including industrial buildings, railway sidings and tanks. Two Slag and Tar Macadam Works are denoted in the northern extent of the Corridor.</p> <p>(c. 1927, 1:10,560) The railway line identified as N.E.R. Darlington and Saltburn Branch is now denoted as London and North Eastern Railway. The unidentified water feature flowing through the Electrical Connection Corridor is now identified as The Fleet.</p> <p>(c. 1929, 1:2,500) Multiple railway lines are denoted within the northern extent of the Electrical Connection Corridor associated with Redcar Iron and Steel Works. Further industrial infrastructure is denoted including multiple buildings, travelling cranes, water coolers, tanks and a chimney. The Slag Brick Works are no longer denoted.</p>	<p>(c. 1923 – 1927, 1:10,560) Warrenby Slag Works are denoted approximately 430 m NW.</p> <p>(c. 1929, 1:2,500) Further railway lines / sidings are shown immediately north and east from the Electrical Connection Corridor. The Slag Wool Works to the north and the Tar Macadam Works are no longer denoted. Further industrial infrastructure is denoted in a similar location associated with Redcar Iron and Steel Works. Tanks, Travelling Cranes and Water Coolers are denoted approximately 200 m E.</p>
1930 – 1940	(c. 1938, 1:10,560) No significant developments observed.	(c. 1938, 1:10,560) No significant developments observed.
1940 – 1950	Dates not mapped.	Dates not mapped.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1950 – 1960	<p>(1952, 1:1,250) Multiple pits are denoted in the western extent of the Electrical Connection Corridor.</p> <p>(c. 1953, 1:10,000) No areas of sand are denoted within the northern extent of the Electrical Connection Corridor boundary.</p> <p>(c.1953 – 1954, 1:1,250) Multiple drains are denoted throughout the northern extent and western of the Electrical Connection Corridor orientated roughly north to south and east to west. An Overhead Pipeline is denoted orientated north-west to south-east and a Cooling Tower encroaches on the western boundary. Tanks, a Travelling Crane and a Water Tower are denoted in the northern extent of the Corridor.</p>	<p>(c.1953 – 1954, 1:1,250) Multiple drains are denoted within 250 m from the Electrical Connection Corridor orientated roughly north to south and east to west. The Slag Wool Works are no longer denoted. Ruins are shown approximately 130 m NE. A Pump House and a Pipe Bridge associated with an Overhead Pipeline are shown approximately 225 m E from the Water Connection Corridor. Gantries are denoted adjacent to the Travelling Cranes located immediately east from the Corridor.</p>
1960 – 1970	<p>(c. 1969, 1:10,560) The Redcar Iron and Steelworks is now labelled as Works. Refuse heaps / slag heaps are denoted in the north-east corner.</p>	<p>(c. 1964 - 1965, 1:2,500) A Refuse Tip is denoted approximately 145 m S and 400 m SW from Corridor. Railway sidings are denoted adjacent to the Refuse Tips. Middle Farm is no longer denoted. Pipelines are denoted approximately 35 m S.</p> <p>(c. 1969, 1:10,560). Refuse / slag heaps are denoted within 500 m from the northern boundary. Warrenby Slag Works is no longer present.</p>
1970 – 1980	<p>(c. 1970 – 1976, 1:10,000) Fewer railway lines are denoted within the northern extent of the Electrical Connection Corridor. Multiple railway lines are denoted in the far north-western area of the</p>	<p>(c. 1970 – 1976, 1:10,000) Active Workings are shown approximately 330 m W. The industrial development to</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>Electrical Connection Corridor orientated west to east. The Fleet is shown flowing towards the west in the northern extent of the Electrical Connection Corridor.</p> <p>(c.1973 – 1983, 1:1,250) The northern extent of the Electrical Connection Corridor site is identified as South Teesside Works, Redcar. Embankments are denoted either side of the railway in the north-western extent of the Corridor. The drains are no longer identified within the Electrical Connection Corridor. Warrenby Station along the railway line in the northern extent of the corridor. Industrial development has occurred Corridor associated with Teesside Works, Redcar including Travelling Cranes and Conveyors.</p> <p>(c.1974, 1:10,000) An Electric Sub Station is denoted in the southern area of the Electrical Connection Corridor. West Coatham Marsh is no longer denoted.</p> <p>(c. 1976 – 1980, 1:1,250) Teesside Works Redcar is identified in the northern area of the Corridor.</p> <p>NB. The old Redcar Iron and Steelworks was completely demolished in the 1970s and replaced by the new Redcar Steelworks.</p>	<p>the east is no longer shown. A Water Cooler is denoted approximately 395 m E.</p> <p>(c.1973 – 1983, 1:1,250) The area to the north-east of the Corridor is also denoted as South Teesside Works, Redcar. The industrial development including Overhead Pipelines and Travelling Cranes located to the east are no longer denoted.</p> <p>(1974, 1:10,000) The Refuse Tip to the south is no longer shown and Active Workings are denoted in the same location. The Refuse Tip located to the south-west is no longer shown. An Industrial Estate is denoted approximately 500 m E from the Corridor. Depots, an Electric Sub Station and a Factory are identified within the Industrial Estate.</p>
1980 – 1990	(c. 1980 – 1983, 1:10,000) The railway line orientated north to south is now identified as dismantled. A new railway line is	(c. 1980 – 1983, 1:10,000) Significant industrial development has occurred surrounding the Corridor as

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>identified in the north-east extent of the Corridor orientated north-east to south-west. Dabholm Beck is now identified as Dabholm Gut. Industrial development has taken place across the site area and it is encompassed within the wider Teesside Works, Redcar. In the northern section, various industrial infrastructure is present including conveyors and roads intersecting the site. In the southern section, the railway tracks are still shown to be present, with a road and various industrial infrastructure including conveyors and a chimney. The refuse / slag heaps are no longer denoted.</p> <p>(c.1984 – 1988, 1:1,250) Tanks, Hoppers and Lighting Towers are denoted throughout the Corridor.</p>	<p>part of Teesside Works, Redcar. Within the surrounding area, there are various conveyors, tanks and other industrial infrastructure associated with the works. The active workings to the south are labelled as workings. A small pond is observed approximately 100 m S from the Corridor. Workings are denoted approximately 480 m E. Steel House is denoted approximately 355 m E from the Corridor.</p> <p>(c.1983, 1:10,000) The Active Workings located to the south are no longer denoted.</p> <p>(c.1984 – 1988, 1:1,250) Industrial infrastructure is denoted adjacent to the northern boundary of the Corridor up to approximately 760 m W including hoppers, conveyors, tanks and chimneys.</p> <p>(c. 1988 – 1991, 1:10,000) The Workings to the south are no longer denoted and multiple ponds are denoted in the same location.</p>
1990 – 2000	(c.1999) The aerial image shows that there are several black to grey coloured material stockpiles throughout the northern extent of the Corridor.	(c.1991, 1:10,000) Pipelines are denoted orientated west to east adjacent to the western boundary Corridor. The Workings located to the north-eastern extent are now identified as Disused Workings.
2000 – 2010	(c.2000, 1:10,000) No significant developments observed.	(c.2000, 1:10,000) Circular structures, assumed to be tanks, are located approximately 220 m W associated with

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
		<p>a Sewage Works adjacent to the western boundary. The Disused Workings are no longer denoted.</p> <p>(c. 2006, 1:10,000) Fewer conveyors are denoted immediately adjacent to the north-west boundary of the Corridor.</p>
2010 – 2020	(c.2010, 1:10,000) No significant developments observed.	(c.2010, 1:10,000) No significant developments observed.
2020 – 2023	(c.2020, 1:10,000) Factories are denoted within the northern area of the Electrical Connection Corridor. Fewer Conveyors are denoted throughout the Corridor.	(c.2020, 1:10,000) Factories are denoted in the surrounding area to the north and west of the Electrical Connection Corridor.

Hydrogen Pipeline Corridor

Table 10A-32: Summary of Historical Development at the Hydrogen Pipeline Corridor, North of River Tees

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	(c.1855 - 1856, 1:10,560;1:2,500) West Hartlepool Railway and Greatham Station are denoted within the north-west corner of the Hydrogen Pipeline Corridor. The railway is orientated north-east to south-west. Greatham Beck is denoted flowing towards the south through the north-west corner of the Corridor. The northern area of the Corridor is identified as The Slime. The eastern extent of the Hydrogen Pipeline Corridor to the north of the River Tees is denoted as Seal Sands.	<p>(c.1855 – 1856, 1:10,560) Cowpen village is denoted adjacent to the western extent of the Hydrogen Pipeline Corridor.</p> <p>(c.1897, 1:2,500) Brine Wells encroach on the northern extent of the Corridor adjacent to Greatham Creek.</p> <p>(c. 1897, 1:10,560) Tees Salt Works are denoted approximately 50 m E from the south-west corner of the</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>(c.1856 – 1857, 1:10,560) The Hartlepool Railway Port Clarence Branch is denoted in the south-west corner of the Corridor orientated east to west. Sand and Mud are denoted within the south-east corner of the Corridor.</p> <p>(c. 1893, 1:10,560) The River Tees is denoted within the south-east corner of the Hydrogen Pipeline Corridor.</p> <p>(c.1896 - 1897 1:10,560) The northern area is no longer identified as The Slime. Cowpen Salt Works and associated Brine Wells encroach on the central extent of the Hydrogen Pipeline Corridor. An unidentified railway line is denoted adjacent to Cowpen Salt Works running north to south to the southern extent of the Corridor. West Channel is denoted flowing through Seal Sands. Port Clarence Rifle Range encroaches on the southern boundary of the Corridor. A Wagonway is denoted orientated north to south throughout the southern extent of the Hydrogen Pipeline Corridor.</p>	<p>Corridor. A Tramway is denoted adjacent to Tees Salt Works orientated north-east to south-west.</p>
1900 - 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	<p>(c.1913 - 1914, 1:10,560) The West Hartlepool Railway is now identified as N.E.R. Leeds Northern. Cowpen Salt Works is identified as disused. The railway line adjacent to Cowpen Salt Works is identified as N.E.R Greatham Creek Branch which extends to the southern extent of the The N.E.R Billingham Beck Branch railway encroaches on the south-west corner of the</p>	<p>(c. 1913, 1:10,560) An Old Clay Pit is denoted adjacent to Tees Salt Works.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	Hydrogen Pipeline Corridor, orientated north to south. The Wagonway is no longer denoted.	
1920 – 1930	(c.1923, 1:10,560) No significant developments observed.	(c.1923, 1:10,560) Haverton Hill Brick Works are denoted approximately 70 m E from the south-west corner of the Corridor. An Engineering Works are denoted approximately 165 m E from the south-west corner of the Corridor.
1930 – 1940	(c.1939 – 1940, 1:2,500) Further Brine Wells are denoted in the northern extent of the Corridor.	(c. 1938, 1:10,560) A Fire Station is denoted adjacent to the west of the south-west corner of the Corridor. Residential development is shown approximately 120 m N from the south-west corner of the Corridor.
1940 - 1950	(c. 1940, 1:10,560) Greatham Creek is denoted flowing through the eastern extent of the Hydrogen Pipeline Corridor within Seal Sands. Sand and Mud is denoted adjacent to the West Channel in the eastern extent of the Corridor. The Greatham Creek Branch is now identified as a Dismantled Railway.	(c. 1940, 1:10,560) No significant developments observed.
1950 – 1960	(c. 1950, 1:10,560) The Disused Cowpen Salt Works and Brine Wells are no longer denoted. Significant industrial development is shown within the south-west corner of the Hydrogen Pipeline Corridor including various unspecified buildings and railway sidings.N.E.R. Greatham Creek Branch and Port Clarence Rifle Range are no longer shown. Sand and Mud are no longer denoted in the south-east corner of the Corridor.	(1950 - 1954, 1:10,560) An Oxygen Works and a Pigment Factory are located adjacent to the south-west corner of the Corridor. Tees Salt Works, Haverton Hill Brick Works and the Engineering Works is no longer identified on the mapping. The industrial development within the south-west corner of the Corridor extends off-site. Lakes are shown immediately adjacent to the south-east corner of the Corridor.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1960 – 1970	<p>(c. 1967 – 1968, 1:2,500) A Brine Reservoir is denoted adjacent to West Channel within Seal Sands.</p> <p>(c.1969, 1:2,500) A Storage Depot is denoted within the central area of the Corridor, with multiple tanks located to the south of this. A Gas Holder Station is denoted in the central area of the corridor immediately adjacent to the A178 Road and to the north of the Storage Depot.</p>	<p>(c.1968 – 1972, 1:2,500) The Saltholme Clayfield is denoted to the south of the central area of the Corridor. Saltholme Brine Reservoirs are denoted approximately 70 m N from the central extent of the Corridor.</p> <p>(c.1969, 1:2,500) Approximately 300 m east of the southern extent of the Corridor, a Brine Pumping Station and Electrical Sub Stations are denoted. Pipelines, Electrical Substations, Jetties and Tanks are denoted within the south-east corner of the Corridor.</p>
1970 – 1980	<p>(c. 1970 – 1976, 1:10,000) Fewer railway lines are denoted within the Corridor boundary. Railway lines are shown orientated west to east through the western extent of the Corridor.</p> <p>(c.1973 – 1974, 1:10,000) A Works is identified within the far south-west of the Corridor. A Pipeline is denoted orientated north-east to south-west in the south-west corner of the Corridor. Pipelines are denoted orientated east to west in the southern extent of the Corridor.</p> <p>(c. 1974, 1:1,250) Chemical Works and North Tees Works are denoted in the south-east corner of the Corridor.</p>	<p>(c.1973, 1:10,000) The Fire Station is no longer denoted. Fewer residential properties are denoted within 250 m of the south-west corner of the Corridor. The Oxygen Works and Pigment Factory are now identified as Works. Cooling Towers are identified within the south-west corner of the Corridor</p> <p>(c. 1974, 1:1,250) North Tees Works extends further south.</p> <p>(c.1978 – 1983, 1:2,500) No significant changes observed.</p> <p>(c. 1976 - 1980, 1:1,250) An Oil Terminal and multiple Jetties are denoted within the eastern extent of the Corridor. A Chemical and Oil Storage Depot is also shown in the eastern extent of the Corridor.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
1980 – 1990	<p>(c.1981, 1:10,000) West Channel and Sand and Mud are no longer identified in the eastern extent of the Corridor.</p> <p>(c. 1983, 1:2,500) A Sheep Dip and multiple Drains are denoted in the western extent of the Corridor.</p> <p>(c.1983 – 1986, 1:1,250) The Chemical Works in the south-east corner have expanded further west and are now identified as Seal Sands Works.</p> <p>(c.1984, 1:10,000; 1:2,500) A Works is present in the south-eastern corner of the Corridor.</p> <p>(c. 1984 – 1988, 1:10,000) Pipelines orientated east to west and north to south are denoted in the southern extent of the Corridor. Tanks are denoted in the south-east corner of the Corridor.</p> <p>(c.1985, 1:2,500) The Brine Reservoir within Seal Sand in the eastern extent of the Corridor is no longer denoted. Pipelines and Tanks are denoted in the central area of the Corridor adjacent to the dismantled railway. The Gasholder Station located adjacent to the A178 Road is now identified as a Gas Handling Station.</p>	<p>(c.1980 – 1981, 1:10,000) The Oil Storage Depot extends further to the north. The Oil Refinery and Tanks within Seal Sands extend off-site further south to approximately 520 m S.</p> <p>(c. 1980 – 1984, 1:10,000) The Brine Wells within the northern extent of the Corridor are now identified as a Brine Field.</p> <p>(c.1981, 1:10,000) An Oil Refinery with Tanks, Cooling Towers and Chimneys is located in the eastern extent of the Corridor within Seal Sands.</p> <p>(c.1982 - 1985, 1:2,500) An Electric Switch House is denoted within the central extent of the Corridor.</p> <p>(c. 1983 – 1988, 1:10,000) A Depot and Tanks are denoted in the south-east corner of the Corridor adjacent to the River Tees.</p> <p>(c.1984, 1:10,000; 1:2,500) A Cooling Tower associated with the on-site Works Tanks are denoted immediately west of the Pipeline in the south-west corner of the Corridor. The Tanks within the south-east corner are associated with North Tees Works (Oil Refinery).</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>(1985 – 1988, 1:2,500; 1988, 1:10,000) The Salt Works are now identified as a Works. Rough grassland and ponds are denoted throughout the eastern extent of the Corridor within Seal Sands. Pipelines and an Electrical Sub Station are denoted in the eastern extent of the Corridor. North Tees Works (Oil Refinery) extends within the Corridor and Pipelines and a Pipe Tunnel are denoted in the south-east corner of the Corridor. A large lake is denoted in the south-east corner of the Corridor.</p> <p>(c.1988 – 1991, 1:10,000) A Pipe Tunnel is denoted in the eastern extent of the Corridor.</p> <p>(1988 – 1992, 1:10,000) Pipelines orientated north to south and east to west are denoted within the central area of the Corridor.</p>	<p>(c. 1983 – 1988, 1:10,000) Works are denoted immediately adjacent to the south-east extent of the Corridor.</p> <p>(c. 1984 – 1988, 1:10,000) A Fire Station is denoted adjacent to the southern boundary of the Corridor. Large ponds / lakes are denoted within 250 m of the southern boundary.</p> <p>(1985 – 1988, 1:2,500; 1988, 1:10,000) Works are denoted in the eastern extent of the Corridor adjacent to the River Tees.</p> <p>(c.1988 – 1991, 1:10,000) Further Works are denoted within Seal Sands. Various lakes are denoted approximately 150 m E of the south-eastern corner.</p>
<p>1990 – 2000</p>	<p>(c. 1992 – 1993, 1:2,500) No significant changes observed.</p> <p>(c.1993 – 1994, 1:2,500) Rough grassland is no longer denoted within the eastern extent of the Corridor.</p>	<p>(c.1992 – 1994, 1:2,500) A Laboratory is denoted within the eastern extent of the Corridor. The Electric Switch House is now identified as an Electrical Sub Station.</p> <p>(c.1993 – 1994, 1:2,500) The Works within Seal Sands extend further north.</p> <p>(1994, 1:10,000) No significant changes observed.</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
2000 – 2010	(c.2001, 1:10,000) No significant developments observed.	(c.2001, 1:10,000). Some of the industrial buildings located to the west from the south-west corner of the Corridor have been demolished.
2010 – 2020	(c. 2010, 10,000) No significant developments observed.	(c.2010, 1:10,000) No significant changes observed.
2020 – 2023	(c. 2010, 1:10,000) A Pipeline is denoted running north-south through the far eastern extent. (c. 2022, 1:10,000) The large lake in the south-east corner of the Corridor has reduced in size.	(c. 2022, 1:10,000) No significant changes observed.

Table 10A-33: Summary of Historical Development at the Hydrogen Pipeline Corridor, South of River Tees

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	(c. 1854 – 1857, 1:10,560) The north-west area of the Hydrogen Pipeline Corridor is denoted as Bran Sand. The north-east area is denoted as Coatham Marsh and West Coatham Marsh. (c. 1865 – 1857, 1:10,560) A railway line is denoted through the northern extent of the Hydrogen Pipeline Corridor orientated north-east to south-west. (c.1893, 1:10,560) The railway line is identified as N.E.R. Darlington and Saltburn Branch. Dabholm Beck is denoted within the northern extent of the Hydrogen Pipeline Corridor flowing towards the west. An area of marshland is denoted in	(c. 1865 – 1857, 1:10,560) Coatham Marsh and West Coatham Marsh extend to the east of the Hydrogen Pipeline Corridor. (c.1893, 1:10,560) An Iron Works is denoted approximately 365 m N and 180 m NE. A Tramway is identified approximately 150 m N from the northern area of the Hydrogen Pipeline Corridor orientated north-west to south-east. (c. 1894, 1:2,500) The Iron Works to the north are now identified as Coatham Iron Works. The Tramway through

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	the northern extent of the Corridor associated with The Marshes. Middle Farm is denoted in the central extent of the Corridor.	the Corridor extends further north in a north-east to south-west direction. Multiple railway sidings are located adjacent to the eastern boundary in the northern extent of the Corridor.
1900 – 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	(c.1913, 1:10,560) Unidentified water features are shown flowing to the north-east and south-west within the northern extent of the Corridor. East Farm is denoted adjacent to Middle Farm. Mains Dike is denoted flowing in a north-west direction through the eastern extent of the Corridor.	(c.1913, 1:10,560) The Iron Works located 180 m NE are now identified as Redcar Iron Works. (c. 1913 – 1914, 1:10,560) A Slag Wool Works is denoted adjacent to Coatham Iron Works. A Slag Brick Works and a Slag Wool Works are denoted approximately 370 m NE and 400 m NE respectively. (c. 1914 – 1915, 1:2,500) Coatham Iron Works is now denoted as a Slag Wool Works.
1920 – 1930	(c. 1923 – 1927, 1:10,560) Railway sidings associated with Redcar Iron and Steel Works encroach on the northern extent of the Corridor. (c. 1927, 1:10,560) The railway line identified as N.E.R. Darlington and Saltburn Branch is now denoted as London and North Eastern Railway. The unidentified water feature flowing through the northern extent of the Hydrogen Pipeline Corridor is now identified as The Fleet.	(c. 1923 – 1927, 1:10,560) Significant industrial development is denoted within 500 m of the Corridor associated with Redcar Iron and Steel Works. (c. 1929, 1:2,500) Further railway lines / sidings are shown immediately north and east from the Hydrogen Pipeline Corridor. The Slag Wool Works to the north and the Tar Macadam Works are no longer denoted. Further industrial infrastructure is denoted in a similar location associated with Redcar Iron and Steel Works. Further industrial

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
		infrastructure is denoted including multiple buildings, travelling cranes, water coolers, tanks and a chimney. The Slag Brick Works are no longer denoted.
1930 – 1940	(c. 1938, 1:10,560) No significant developments observed.	(c. 1938, 1:10,560) No significant developments observed.
1940 – 1950	Dates not mapped.	Dates not mapped.
1950 – 1960	<p>(1952, 1:1,250; c. 1952, 1:10,560) Multiple pits are denoted within the central extent of the Hydrogen Pipeline Corridor. Wilton Works is denoted within the eastern and southern extents of the Hydrogen Pipeline Corridor.</p> <p>(c. 1953, 1:10,000) No areas of sand are denoted within the northern extent of the Hydrogen Pipeline Corridor.</p> <p>(c.1953 – 1954, 1:1,250) Multiple drains are denoted throughout the northern extent and western of the Hydrogen Pipeline Corridor orientated roughly north to south and east to west. Small ponds are identified in the north-west extent of the Hydrogen Pipeline Corridor.</p>	<p>(c. 1952, 1:10,560). Further infrastructure associated with Wilton Works is denoted adjacent to the eastern extent of the Hydrogen Pipeline Corridor. Railway sidings associated with Wilton Works are located approximately 65 m W.</p> <p>(c.1953 – 1954, 1:1,250) Multiple drains and ponds are denoted within 250 m from the Hydrogen Pipeline Corridor orientated roughly north to south and east to west. Gantries are denoted adjacent to the Travelling Cranes adjacent to the northern extent of the Hydrogen Pipeline Corridor. Pump House and a Pipe Bridge associated with an Overhead Pipeline are shown approximately 190 m E from the Corridor. The Slag and Wool Works are no longer denoted.</p>
1960 – 1970	<p>(c. 1960 – 1963, 1:1,1250 and 1:2,500) Wilton Works (Chemical Works) has expanded within the eastern extent of the Corridor.</p> <p>(c. 1961, 1:1,250) Railway lines / sidings are denoted in the eastern extent of the Hydrogen Connection Corridor leading to Wilton Works.</p>	(c. 1961, 1:1,250) Industrial buildings and infrastructure such as Tanks, Cooling Towers, Travelling Cranes and Electric Sub Stations are denoted adjacent to the Hydrogen Pipeline Corridor associated with Wilton Works.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>(c. 1964 - 1965, 1:2,500) A Refuse Tip is denoted in the central extent of the Hydrogen Pipeline Corridor. Multiple railway lines / sidings are denoted adjacent to the Refuse Tip. Pipelines are denoted in the central area of the Hydrogen Pipeline Corridor orientated north to south. Middle Farm and East Farm are no longer denoted. A Slag Heap is identified encroaching on the central extent of the Corridor.</p>	<p>(c. 1963, 1:1,250) Multiple railway lines / sidings are denoted immediately south from the central extent of the Corridor.</p> <p>(c. 1964 - 1965, 1:2,500) A Refuse Tip is denoted approximately 290 m S from the central extent of the Hydrogen Pipeline Corridor.</p>
<p>1970 – 1980</p>	<p>(c. 1970 – 1976, 1:10,000) Bran Sands is no longer denoted. Fewer railway lines are denoted within the northern extent of the Hydrogen Pipeline Corridor. Multiple railway lines are denoted in the far north-western area of the Corridor orientated west to east. Redcar Iron and Steel Works is now denoted as Works. The Fleet is shown flowing towards the west in the northern extent of the Hydrogen Pipeline Corridor. Active Workings are identified encroaching on the northern extent of the Hydrogen Pipeline Corridor.</p> <p>(c. 1971 – 1974, 1:1,250) A Refuse Tip encroaches on the western extent of the Corridor.</p> <p>(c.1973 – 1983, 1:1,250) The northern extent of the Hydrogen Pipeline Corridor site is identified as South Teesside Works, Redcar. Embankments are denoted either side of the railway in the north-western extent of the Corridor. The drains are no longer identified within the Hydrogen Pipeline Corridor.</p>	<p>(c. 1970 – 1976, 1:10,000) A Water Cooler is approximately 295 m NE from the northern extent of the Hydrogen Pipeline Corridor. Warrenby Station is identified approximately 225 m N from the northern extent of the Corridor.</p> <p>(c. 1971 – 1974, 1:1,250) The railway lines and industrial buildings located south of the central of the Corridor are associated with South Teesside Works, Lackenby. A Travelling Crane is denoted within the South Teesside Works, Lackenby site. Works, Cooling Towers and Tanks are denoted within the surrounding area to the Hydrogen Pipeline Corridor. Tanks and Electric Sub Stations are denoted within the eastern extent of the Corridor associated with Wilton Works.</p> <p>(c.1973 – 1983, 1:1,250) Industrial development has occurred immediately north from the Hydrogen Pipeline Corridor associated with Teesside Works, Redcar. The area</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>(c.1974, 1:10,000) Pipelines and an Electric Sub Station are denoted in the northern extent of the Corridor. West Coatham Marsh is no longer denoted. Pipelines are denoted in the far eastern extent of the Corridor associated with Wilton Works. The Refuse Tip is no longer shown. Active Workings encroach on the Corridor boundary in the central area of the Hydrogen Pipeline.</p> <p>(c. 1976 – 1980, 1:1,250) Teesside Works Redcar is identified in the central area of the Corridor. Pipe Gantries and Tanks are denoted associated with Teesside Works Redcar and Wilton Works.</p>	<p>to the north-east of the Corridor is also denoted as South Teesside Works, Redcar. The Overhead Pipeline, Travelling Cranes, Tanks and Chimneys located to the north-east are no longer shown.</p> <p>(1974, 1:10,000) An Industrial Estate and Depots are denoted approximately 250 m NE from the northern extent of the Corridor. Further industrial infrastructure is denoted within Wilton Works including Tanks, Chimneys, Cooling Towers and Electric Sub Stations. Extensive industrial development is shown approximately 390 m NW from the south-western extent of the Corridor associated with South Teesside Works Lackenby. Electric Sub Stations, Tanks, Pipelines and Travelling Cranes are denoted associated with the works. Teesport Refinery is denoted approximately 120 m S with multiple Tanks, Chimneys and an Electric Sub Station. The Refuse Tip located to the south is no longer shown. An Electric Sub Station is denoted approximately 425 m E from the central extent of the Corridor.</p>
1980 – 1990	<p>(c. 1980 – 1983, 1:10,000) The railway line orientated north to south is now identified as dismantled. A new railway line is identified in the north-east extent of the Corridor orientated north-east to south-west. Dabholm Beck is now identified as Dabholm Gut. Several Pipelines are denoted parallel to Dabholm Gut. Travelling Cranes and Conveyors encroach on the northern boundary of the Hydrogen Pipeline Corridor. Industrial</p>	<p>(c. 1980 – 1983, 1:10,000) Significant industrial development has occurred surrounding the Corridor as part of Teesside Works, Redcar. Within the surrounding area of the northern Corridor, there are various conveyors, tanks and other industrial infrastructure associated with the works. A pond is located approximately 100 m S from the north-western extent of the Corridor. The industrial</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>development has taken place across the northern extent and it is encompassed within the wider Teesside Works, Redcar including Conveyors and Chimneys. The Refuse Tip which encroached on the western extent of the Corridor is no longer denoted.</p> <p>(c. 1983, 1:10,000) The Active Workings encroaching on the central area of the Hydrogen Pipeline Corridor are no longer shown.</p> <p>(c.1983 – 1989, 1:10,000) A Pipe Tunnel is denoted across the River Tees.</p> <p>(c.1984 – 1988, 1:1,250) Several Lighting Towers are denoted throughout the north-western extent of the Corridor.</p> <p>(c.1989 – 1993, 1:1,250) Pipe Gantries and Lighting Towers are denoted adjacent to Dabholm Cut.</p>	<p>estate located approximately 250 m NE is identified as Dormanstown Industrial Estate. Workings are denoted approximately 250 m NE from the northern extent of the Corridor.</p> <p>(c. 1981 – 1983, 1:1,250) Further railway sidings and Travelling Cranes are denoted at Teesside Works Lackenby.</p> <p>(c.1983, 1:10,000) A Warehouse is denoted approximately 60 m E from the eastern extent of the Corridor.</p> <p>(c.1984 – 1988, 1:1,250) Industrial infrastructure is denoted adjacent to the northern boundary of the Corridor up to approximately 1 km N including hoppers, conveyors, tanks and chimneys.</p> <p>(c. 1988 – 1991, 1:10,000) The Workings to the south of the northern extent are no longer denoted and multiple ponds are denoted in the same location.</p> <p>(c. 1989 – 1993, 1:1,250) An Electric Sub Station and Tanks are denoted approximately 235 m S.</p>
1990 – 2000	(c.1999) The aerial image shows that there are several black to grey coloured material stockpiles throughout the northern extent of the Other Gases Connection Corridor.	(c.1991, 1:10,000) The Warehouse denoted approximately 60 m E is no longer shown. The Workings located to the north-east are now identified as Disused Workings. Depots

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
		are denoted in the same location as the former Teesport Refinery.
2000 – 2010	(c. 2006, 1:10,000) Fewer conveyors are denoted in the north-west extent of the Corridor.	(c.2000, 1:10,000) Circular structures, assumed to be tanks, are located approximately 15 m N from the northern extent of the Corridor associated with a Sewage Works. The Disused Workings are no longer identified.
2010 – 2020	(c.2010, 1:10,000) No significant developments observed.	(c.2010, 1:10,000) No significant developments observed.
2020 – 2023	<p>(c.2020, 1:10,000) Factories are denoted within the northern area of the Hydrogen Pipeline Corridor. Fewer Conveyors are denoted throughout the northern extent of the Corridor.</p> <p>(c. 2021, 1:10,000) A Power Station and Factories are denoted with the eastern extent of the Hydrogen Pipeline Corridor.</p> <p>(c.2022, 1:10,000) Wilton Works are no longer denoted. Fewer railway sidings / lines are shown.</p>	<p>(c.2020, 1:10,000) Factories are denoted in the surrounding area to the north and west of the Hydrogen Pipeline Corridor.</p> <p>(c.2022, 1:10,000) Two large-scale buildings associated with a Port are denoted approximately 205 m S from the northern extent of the Corridor.</p>

Other Gases Connection Corridor

Table 10A-34: Summary of Historical Development at the Other Gases Connection Corridor

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
Pre 1900s	(c. 1856 – 1857, 1:10,560) The Other Gases Connection Corridor is situated within Bran Sand, West Coatham Marsh and Coatham Marsh. A railway line is denoted through the Other Gases Connection Corridor.	(c. 1856 – 1857, 1:10,560) Coatham Marsh extends to the east of the Other Gases Connection Corridor. Bran Sand extends further west from the Other Gases Connection Corridor.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>(c.1893, 1:10,560) The railway line is identified as N.E.R. Darlington and Saltburn Branch. Dabholm Beck is denoted adjacent to the Other Gases Connection Corridor flowing towards the west.</p> <p>(c. 1894 1:2,500) Areas of sand are denoted in the western area of the Other Gases Connection Corridor. The far western area of the Other Gases Connection Corridor is denoted as rough pasture and marshland associated with The Marshes.</p>	<p>(c.1893, 1:10,560) An Iron Works is denoted approximately 365 m N and 240 m NE. A Tramway is identified approximately 150 m N from the northern area of the Corridor orientated north-west to south-east.</p> <p>(c. 1894, 1:2,500) The Iron Works are now identified as Coatham Iron Works. Multiple railway sidings are located adjacent to the north-eastern area of the Corridor.</p>
1900 – 1910	Dates not mapped.	Dates not mapped.
1910 – 1920	(c.1913, 1:10,560) West Coatham Marsh is denoted within the southern area of the Corridor. Unidentified water features are shown flowing to the south-west.	<p>(c. 1913 – 1914, 1:10,560) The Iron Works located 240 m NE are now identified as Redcar Iron Works. A Slag Wool Works and a Slag Brick Works are denoted approximately 375 m NE and 410 m NE respectively.</p> <p>(c. 1914 – 1915, 1:2,500) Coatham Iron Works is now denoted as a Slag Wool Works. A Slag Wool Works is denoted approximately 415 m E.</p>
1920 – 1930	<p>(c. 1923 – 1927, 1:10,560) Railway sidings associated with Redcar Iron and Steel Works encroach on the northern extent of the Corridor.</p> <p>(c. 1927, 1:10,560) The railway line identified as N.E.R. Darlington and Saltburn Branch is now denoted as London and North Eastern Railway. The unidentified water feature flowing</p>	<p>(c. 1923 – 1927, 1:10,560) Significant industrial development is denoted within 500 m of the Corridor associated with Redcar Iron and Steel Works.</p> <p>(c. 1929, 1:2,500) The Slag Wool Works, Slag Brick Works and Tar Macadam Works are no longer denoted. Further industrial infrastructure is denoted including multiple</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	through the Other Gases Connection Corridor is now identified as The Fleet.	buildings, a travelling crane, water coolers, tanks and a chimney approximately 200 m E.
1930 – 1940	(c. 1938, 1:10,560) No significant developments observed.	(c. 1938, 1:10,560) No significant developments observed.
1940 – 1950	Dates not mapped.	Dates not mapped.
1950 – 1960	<p>(c. 1953, 1:10,000) No areas of sand are denoted within the Other Gases Connection Corridor boundary.</p> <p>(c.1953 – 1954, 1:1,250) Multiple drains and small ponds are denoted throughout the northern extent of the Other Gases Connection Corridor orientated roughly north to south and east to west.</p>	<p>(c.1953 – 1954, 1:1,250) A Pump House and a Pipe Bridge associated with an Overhead Pipeline are shown between approximately 200 m E from the northern area of the Other Gases Connection Corridor. Multiple drains and ponds are denoted within 250 m from the Other Gases Connection Corridor orientated roughly north to south and east to west. The Slag and Wool Works are no longer denoted.</p>
1960 – 1970	<p>(c. 1964, 1:2,500) Pipelines are denoted in the southern area of the Other Gases Connection Corridor.</p> <p>(c. 1969, 1:10,560) The Redcar Iron and Steelworks is now labelled as Works.</p>	<p>(c. 1960 – 1963, 1:1,250) Further railway sidings / lines are denoted approximately 40 m S and 50 m E from the southern section of the Corridor. Industrial buildings are denoted approximately 255 m E from the southern extent of the Corridor.</p> <p>(c.1964, 1:2,500) A Refuse Tip is denoted approximately 265 m SE and 310 m SW from the southern extent of the Corridor.</p>
1970 – 1980	(c. 1970 – 1976, 1:10,000) Fewer railway lines are denoted within the north-east extent of the Other Gases Connection Corridor boundary. The Fleet is shown flowing towards the west in the southern extent of the Other Gases Connection Corridor.	(c. 1970 – 1976, 1:10,000) Active Workings are denoted adjacent to the western boundary of the Corridor. The industrial development to the east is no longer shown. Warrenby Station is denoted approximately 225 m NE.

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>Railway lines encroach on the northern extent of the Corridor orientated east to west.</p> <p>(c. 1971 – 1974, 1:1,250) Works encroach on the south-west corner of the Corridor. The southern extent of the Corridor is situated within South Teesside Works, Lackenby.</p> <p>(c.1973 – 1983, 1:1,250) The northern extent of the Other Gases Connection Corridor is identified as South Teesside Works, Redcar. Embankments are denoted either side of the railway in the north-western extent of the Corridor. The drains are no longer identified within the Other Gases Connection Corridor.</p> <p>(c.1974, 1:10,000) West Coatham Marsh is no longer denoted. Railway sidings are denoted within the southern extent of the Corridor associated with South Teesside Works Lackenby. Pipelines are denoted within the southern extent of the Corridor orientated east to west. Railway sidings are denoted in the southern extent leading to South Teesside Works, Lackenby.</p>	<p>(c.1973 – 1983, 1:1,250) Industrial development has occurred immediately north associated with Teesside Works, Redcar. A Travelling Crane and Conveyors are denoted approximately 125 m N. The area to the east of the Corridor is also denoted as South Teesside Works, Redcar. The Overhead Pipeline, Travelling Cranes, Tanks and Chimney located to the east are no longer shown.</p> <p>(c.1974, 1:10,000) An Electric Sub Station is denoted approximately 305 m E from the southern extent of the Corridor. The Refuse Tip to the south-east is no longer shown and Active Workings are denoted in the same location. The Refuse Tip located to the south-west is no longer shown. Railway sidings and Teesport Refinery are located approximately 500 m W from the southern extent of the Corridor.</p> <p>(c. 1976 – 1980, 1:1,250) Teesside Works Redcar is identified to the east of the southern section of the Corridor.</p>
1980 – 1990	<p>(c. 1980 – 1983, 1:10,000) The railway line orientated north to south is now identified as dismantled. A new railway line is identified in the southern extent of the Corridor orientated north-east to south-west. Industrial development has taken place across the north-western extent of the Corridor and it is</p>	<p>(c. 1980 – 1983, 1:10,000) Significant industrial development has occurred surrounding the Corridor as part of Teesside Works, Redcar. Within the surrounding area, there are various conveyors, tanks and other industrial infrastructure associated with the works. The Active Workings adjacent to the western site boundary are</p>

DATE/S	KEY FEATURES ON SITE	KEY FEATURES OFFSITE
	<p>encompassed within the wider Teesside Works including Conveyors and a Chimney.</p> <p>(c.1984 – 1988, 1:1,250) Further railway lines orientated east to west encroach on the Other Gases Connection Corridor. Several Lighting Towers are denoted throughout the northern extent of the Corridor.</p> <p>(c.1989 – 1993, 1:1,250) Pipelines are denoted in the southern extent of the Corridor orientated north-east to south-west.</p>	<p>identified as Workings. A pond is denoted approximately 100 m S. The Active Workings to the south of the Corridor are no longer shown.</p> <p>(c.1984 – 1988, 1:1,250) Industrial infrastructure is denoted up to 1 km N including hoppers, conveyors, tanks and chimneys.</p> <p>(c. 1988 – 1991, 1:10,000) The Workings to the south are no longer denoted and multiple ponds are denoted in the same location.</p>
1990 – 2000	(c.1999) The aerial image shows that there are several black to grey coloured material stockpiles throughout the northern extent of the Other Gases Connection Corridor.	(c.1991 – 1992, 1:10,000) Teesport Refinery is no longer denoted and Depots are denoted in the same location.
2000 – 2010	(c.2000, 1:10,000) No significant developments observed.	<p>(c.2000, 1:10,000) Circular structures, assumed to be tanks associated with the Sewage Works adjacent to the western boundary, are located approximately 220 m W.</p> <p>(c. 2006, 1:10,000) Fewer conveyors are denoted approximately 150 m N from the northern extent of the Corridor.</p>
2010 – 2020	(c.2010, 1:10,000) No significant developments observed.	(c.2010, 1:10,000) No significant developments observed.
2020 – 2023	(c.2020, 1:10,000) A Factory is denoted within the northern area of the Other Gases Connection Corridor. Fewer Conveyors are denoted throughout the Corridor.	(c.2020, 1:10,000) Factories are denoted in the surrounding area to the north and west of the Other Gases Connection Corridor.

Land Use

10A.2.127 The following past land uses have been summarised from the Groundsure Reports (Annex A).

Historical Industrial Land Uses

10A.2.128 The Groundsure Reports (Annex A) include potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale. Past industrial land uses are present and widespread across the Main Site and associated Connection Corridors. Figure 10-8 (ES Volume II, EN070009/APP/6.3) presents the historical land uses across the Proposed Development Site.

10A.2.129 There are a total of 46 historical industrial land uses within the Main Site boundary and a further 23 within 250 m. A summary of the historical land uses within the Main Site is presented in Table 10A-35.

Table 10A-35: Summary of Historical Industrial Land Uses at the Main Site

LOCATION	LAND USE	DATES PRESENT
Onsite, 192 m north, 207 m north-east	Unspecified Heap	1940
Onsite 61 m east 239 m north	Tramway Sidings	1893
Onsite 92 m east	Unspecified Tanks	1980
Onsite, 14 m north, 29 m north-east, 103 m north-east, and 127 m west	Refuse Heaps ¹	1940, 1969
Onsite 119 m north-east	Unspecified Works	1940, 1969, 1980
Onsite	Slag and Tar Macadam Works	1927
Onsite 143 m east	Railway Sidings	1927, 1940, 1969, 1980, 1983, 1974 - 1991
Onsite	Unspecified Commercial/Industrial	1983
Onsite	Sand Pits	1940
Onsite, 33 m north-east, 74 m north, 167 m north, 190 m north-east, 230 m north	Unspecified Ground Workings	1969, 1969 – 1980, 1940

¹ The OS map legend for refuse and spoil heaps use the same ornamentation.

LOCATION	LAND USE	DATES PRESENT
Onsite 90 m east	Unspecified Tanks	1927, 1980
Onsite	Iron and Steel Works	1927
22 m south 42 m south	Railway Building	1991, 1974 - 1991
67 m north-east	Slag Works	1940
68m east	Iron works	1927
77 m east	Pumping Station	1927 - 1940
91 m east	Unspecified Pit	1927

10A.2.130 There are over 500 historical industrial land uses within the associated Connection Corridors.

10A.2.131 In addition to the land uses noted in Table 10A-36, the additional types noted at the Connection Corridors were as follows:

- Oxygen Works;
- Unspecified Warehouses;
- Corporation Yards;
- Unspecified Factories;
- Chimneys;
- Old Clay Pits;
- Cuttings;
- Brick Works;
- Electricity Substations;
- Salt Works;
- Power Station;
- Engine Shed;
- Fire Station,
- Mortuary;
- Disused Brine Wells;
- Oil Storage Depot;
- Cemetery;
- Smithy;
- Bedding Works;

-
- Rifle Ranges;
 - Telephone Exchange;
 - Electricity Switch House;
 - Gas Handling Station;
 - Tunnel;
 - Oil Refinery;
 - Oil Terminal;
 - Oil Supply Terminal;
 - Slag Wool Works;
 - Dock;
 - Transit Shed; and
 - Terminal.

Historical Tanks

10A.2.132 Tank features digitised from historical Ordnance Survey mapping are provided in the Groundsure Reports (Annex A). Figure 10-9 (ES Volume II, EN070009/APP/6.3) presents the Historical Tanks located at the Proposed Development Site and within 250 m.

10A.2.133 A total of 93 historical tanks (unspecified) have been recorded at the Main Site and a further 14 within 250 m of the Main Site.

10A.2.134 Over 700 historical tanks (unspecified) have been recorded within the associated Connection Corridors.

Historical Energy Features

10A.2.135 Historical energy features digitised from historical Ordnance Survey mapping are provided in the Groundsure Reports (Annex A). A summary of the features is presented here:

10A.2.136 There are a total of four records within the Main Site, there are three Gas Holders and are present between 1980 and 1993. There is one Electricity Substation record 141 m east of the Main Site.

10A.2.137 There over 80 historical energy features within associated Connection Corridors comprising Electricity Substations, Electricity Transformer Stations, Electric Generating Stations, Gas Works, Gas Holders, Gas Holder Station, Power Stations and Gasometers.

Historical Petrol Stations

10A.2.138 There are no historical petrol stations located onsite or within 250 m of the Main Site or associated Connection Corridors.

Historical Garages

10A.2.139 There are no historical garages located onsite or within 250 m of the Main Site or associated Connection Corridors.

Historical Military Land

10A.2.140 There is no historical military land located onsite or within 250 m of the Main Site or associated Connection Corridors.

Current Industrial Land Use

Recent Industrial Land Uses

10A.2.141 The Groundsure Reports (Annex A) present the current potentially contaminative industrial sites within 250 m.

10A.2.142 There are over 100 recent industrial land uses at the Main Site and a further 19 within 250 m. A summary of the recent industrial land uses within the Main Site is presented in Table 10A-36.

Table 10A-36: Summary of Recent Industrial Land Uses at the Main Site

LOCATION	LAND USE	ACTIVITY
Onsite 17 m west, 20 m east, 26 m east, 27 m east, 32 m south, 95 m west, 107 m east, 129 m south	Pylon	Electrical Features
Onsite, 230 m east	Hopper	Hoppers and Silo
Onsite 6 m east, 76 m east, 152 m south	Tanks	Tanks (Generic)
Onsite	Gas Distribution	Gas Features
Onsite	Gas Holder	Gas Features
Onsite, 170 m east, 181 m east	Chimney	Chimneys
Onsite	Cooling Tower	Chimneys
Onsite, 40 m east, 114 m east	Travelling Crane	Travelling Cranes and Gantries
235 m east	Electricity Substation	Electrical Features

10A.2.143 There are over 500 recent industrial land uses present within the associated Connection Corridors. The following land uses were present in addition to those in Table 10A-37:

- Works;

-
- Flare Stack;
 - Sunbelt Rentals Ltd;
 - Mast (Telecommunication);
 - Power Station;
 - Cooling Tower;
 - Sewage Works;
 - Gantry;
 - Mooring Post;
 - Exolum Seal Sands Ltd;
 - Outfall;
 - Redcar Wharf;
 - Jetty;
 - Travelling Crane;
 - Pipe Gantry;
 - BOC Industrial Gases;
 - P D Ports Tees Port;
 - Settling Tanks;
 - Gas Governor;
 - Workings; and
 - Tarmac.

Electricity Cables

10A.2.144 The Groundsure (Annex A) reports provide information on High Voltage underground electricity transmission cables present at the Proposed Development Site from National Grid. There are 2 located within the Hydrogen Connection Corridor. Cable Sets SGT1 and SGT2 132KV Cables for Saltholme 275KV S/S made from Pirelli 132 KV A/C and installed in 1980.

Gas Pipelines

10A.2.145 Groundsure (Annex A) reports on High Pressure underground gas transmission pipelines at the Proposed Development Site from National Grid. There are a total of 3 high pressure underground gas transmission pipelines within the Hydrogen Pipeline Corridor. The details are summarised here:

- Cowpen Bewley to Teesside, 900 mm thick, National Grid;
- Little Burden to Billingham – 600 mm, National Grid; and
- Billingham to Enron – 450 mm, National Grid.

Sites Determined as Contaminated Land

10A.2.146 The Groundsure Reports (Annex A) contain records of Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990. The findings of the Groundsure Report (Annex A) indicate that there are no sites determined as Contaminated Land within the Main Site, associated Connection Corridors, or within 500 m.

Utility Searches

10A.2.147 A public utility services search has not been undertaken as part of this Report. A review of public utility services will need to be undertaken prior to ground investigation works in accordance with the requirements of the Construction Design Management (CDM) Regulations 2015. Prior to any intrusive works service clearance work required at each investigation location is to be undertaken in accordance with the Health and Safety Executive (HSE) guidance note HSG/47 (Third Edition) publication – Avoiding Danger from Underground Services.

Regulatory Information

10A.2.148 Table 10A-37 summarises the regulatory information within 250m of the Main Site and associated Connection Corridors. Figure 10-7: Hazardous Sites (ES Volume II, EN070009/APP/6.3) presents a summary of the hazardous sites located within the Proposed Development Site including Control of Major Accident Hazards Regulations (COMAH) sites.

Table 10A-37: Summary of Regulatory Information

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
Main Site		
Control of Major Accident Hazards (COMAH)	<p>Current Name: South Tees Site Company Limited Location: South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Historical Name: Sahaviriya Steel Industries Uk Limited Location: Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: British Steel Corporation Ltd (bsc) Location: British Steel Corporation Ltd (bsc), Redcar Works, Redcar Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p>	-

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
<p>Hazardous Substance Storage / Usage</p>	<p>Reference: No Details Location: South Tees Site Company Limited, Trunk Road, Redcar, Cleveland, England, TS10 5QW Date: - Application Status: Approved Details: -</p> <p>Reference: R/2011/0211/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Withdrawn Details: Change of Ownership.</p> <p>Reference: R/2011/0210/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Historical Consent. Details: Consent for new inventory</p>	<p>Distance: 15 m E Reference: L/1992/0971/HD Location: British Steel PLC, BSC Redcar Works, Redcar, TS10 4RF Date: 30/11/1992 Application Status: Historical Consent Details: -</p>
<p>Historical Licensed Industrial Activities (ICP)</p>	<p>-</p>	<p>-</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
<p>Licensed Industrial Activities (Part A(1))</p>	<p>1 No.: Operator: South Tees Site Company Limited Installation Name: South Tees Site EPR/LP3502BG Date: 04/03/2021 (Effective) Status: Effective Activity: New Medium Combustion Plant</p> <p>2 No.: Operator: British Steel Limited Installation Name: Teesside Integrated Iron & Steelworks EPR/VP3839DA and Teesside Beam Mill EPR/VP3839DA Date: 19/12/2018 (most Recent Effective) Status: Superseded Activity: Associated Processes</p> <p>1 No.: Operator: Multiserv (Asr) Ltd Installation Name: - Date: 01/04/2004 (Effective) Status (Superseded) Activity: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location)</p>	<p>3 No.: Distance: 80 m W Operator: Redcar Bulk Terminal Ltd Installation Name: Teesside Integrated Iron & Steelworks EPR/QP3338HU Date: 28/08/2018 (Effective All) Status: Effective (All) Activity: Other Mineral Activities; Loading Etc Coal Etc (Except On Retail Sale) (Unless Exempt Location); Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location; Ferrous Metals; Handling Etc >500,000 Tonnes/12 Months</p>
<p>Pollution Incidents</p>	<p>Incident ID: 721753 Date: 03/10/2009</p>	<p>Distance: 170 m NW Date: 02/12/2002</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Air Category: 2 (Significant) Land Category: 3 (Minor) Water Category: 4 (No Impact) Pollutant Type: Atmospheric Pollutants and Effects Pollutant: Dust</p>	<p>Incident ID: 124998 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 4 (No Impact) Pollutant Type: General Biodegradable Minerals and Wastes Pollutant: Other General Biodegradable Material or Waste</p> <p>Distance: 170 m NW Date: 17/08/2002 Incident ID: 24833 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 3 (Minor) Pollutant Type: Specific Waste Materials Pollutant: Tyres</p> <p>Distance: 205 m E Date: 24/09/2002 Incident ID: 32506 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 4 (No Impact) Pollutant Type: Specific Waste Materials Pollutant: Tyres</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
Pollution Inventory Substances	-	3 No.: Distance: 65 m S Operator: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS Regulated Industry Sector/Sub Sector: Ferrous Metals
Pollution Inventory Waste Transfer	-	Distance: 65 m S Operator: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS Regulated Industry Sector/Sub Sector: Ferrous Metals
CO ₂ Export Corridor		
Control of Major Accident Hazards (COMAH)	Current Name: South Tees Site Company Limited Location: South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator Historical Name: Sahaviriya Steel Industries Uk Limited Location: Sahaviriya Steel Industries Uk Limited,	-

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Steel House, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: British Steel Corporation Ltd(bsc) Location: British Steel Corporation Ltd (bsc), Redcar Works, Redcar Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p>	
<p>Hazardous Substance Storage / Usage</p>	<p>Reference: L/1992/0971/HD Location: British Steel PLC, BSC Redcar Works, Redcar, TS10 4RF Date: 30/11/1992 Application Status: Historical Consent Details: -</p>	<p>Distance: 225 m W Reference: No Details Location: South Tees Site Company Limited, Trunk Road, Redcar, Cleveland, England, TS10 5QW Date: - Application Status: Approved Details: -</p> <p>Reference: R/2011/0211/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Withdrawn Details: Change of Ownership.</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Reference: R/2011/0210/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Historical Consent. Details: Consent for new inventory</p>
<p>Licensed Industrial Activities (Part A(1))</p>	<p>-</p>	<p>1 No.: Distance: 50 m W Operator: Multiserv (Asr) Ltd Installation Name: - Date: 01/04/2004 (Effective) Status (Superseded) Activity: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location)</p> <p>2 No.: Distance: 215 m N Operator: British Steel Limited Installation Name: Teesside Integrated Iron & Steelworks EPR/VP3839DA and Teesside Beam Mill EPR/VP3839DA Date: 19/12/2018 (most Recent Effective) Status: Superseded Activity: Associated Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>3 No.:</p> <p>Distance: 80 m W</p> <p>Operator: Redcar Bulk Terminal Ltd</p> <p>Installation Name: Teesside Integrated Iron & Steelworks EPR/QP3338HU</p> <p>Date: 28/08/2018 (Effective All)</p> <p>Status: Effective (All)</p> <p>Activity: Other Mineral Activities; Loading Etc Coal Etc (Except On Retail Sale) (Unless Exempt Location); Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location; Ferrous Metals; Handling Etc >500,000 Tonnes/12 Months</p>
Pollution Incidents	<p>Date: 24/09/2002</p> <p>Incident ID: 32506</p> <p>Air Category: 4 (No Impact)</p> <p>Land Category: 3 (Minor)</p> <p>Water Category: 4 (No Impact)</p> <p>Pollutant Type: Specific Waste Materials</p> <p>Pollutant: Tyres</p>	-
Pollution Inventory Waste Transfer	-	<p>Distance: 85 m W</p> <p>Operator: Redcar Bulk Terminal Ltd</p> <p>Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW</p> <p>Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS</p> <p>Regulated Industry Sector/Sub Sector: Ferrous Metals</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
Natural Gas Connection Corridor		
Control of Major Accident Hazards (COMAH)	<p>Current</p> <p>Name: South Tees Site Company Limited Location: South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Historical</p> <p>Name: Sahaviriya Steel Industries Uk Limited Location: Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: British Steel CorporationLtd(bsc) Location: British Steel Corporation Ltd (bsc), Redcar Works, Redcar Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p>	-
Licensed Industrial Activities (Part A(1))	-	<p>2 No.:</p> <p>Distance: 220 m N</p> <p>Operator: British Steel Limited</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Installation Name: Teesside Integrated Iron & Steelworks EPR/VP3839DA and Teesside Beam Mill EPR/VP3839DA Date: 19/12/2018 (most Recent Effective) Status: Superseded Activity: Associated Processes</p> <p>3 No.:</p> <p>Distance: 80 m W Operator: Redcar Bulk Terminal Ltd Installation Name: Teesside Integrated Iron & Steelworks EPR/QP3338HU Date: 28/08/2018 (Effective All) Status: Effective (All) Activity: Other Mineral Activities; Loading Etc Coal Etc (Except On Retail Sale) (Unless Exempt Location); Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location; Ferrous Metals; Handling Etc >500,000 Tonnes/12 Months</p> <p>4 No. Effective (18No. Superseded) Distance: 20 m W Operator: Northumbrian Water Ltd Installation Name: Industrial Effluent Treatment Works Date: 30/01/2020 Status: Effective Activities: (Effective Only): Disposal Of > 50 T/D Non-Hazardous Waste (> 100 T/D If Only Ad) Involving Biological Treatment; Disposal Or Recovery</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Of Hazardous Waste With A Capacity Exceeding 10 Tonnes Per Day Involving Biological Treatment; Temporary Storage Of Haz Waste; Disposal Of > 50 T/D Non-Hazardous Waste (> 100 T/D If Only Ad) Involving Biological Treatment.</p> <p>1 No.: Distance: 100 m W Operator: Northumbrian Water Ltd Installation Name: Bran Sands Regional Sludge Treatment Centre Date: 08/05/2006 (Effective) Status: Superseded Activity: Fuel From Waste; Making Solid Fuel From Waste by Using Heat (Except Charcoal)</p> <p>2 No.: Distance: 100 m W Operator: Northumbrian Water Ltd Installation Name: Bran Sands Effluent Treatment Works Date: 29/09/2006 (Effective) Status: Superseded Activity: Other Waste Disposal; Hazardous Waste >10t/D; Combustion; Waste Derived Fuel =>3mw But <50mw</p>
Licenced Discharges to Controlled Waters	-	<p>3 No.: Distance: 100 m W</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit Number: 25/04/1646 Location: ESTON PUMPING STATION, ADJACENT TO BRAN SANDS STW, TEES DOCK ROAD, MIDDLESBROUGH Receiving Water: DABHOLM GUT Date: 29/05/2007 (Effective) Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Details: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY</p> <p>Distance: 220m NW Permit Number: 254/1462 Location: BRAN SANDS TREATMENT PLANT, WILTON SITE CABINS, TEESSIDE Receiving Water: DABHOLM GUT Date: 29/03/2001 (Revoked) Status: Revoked Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY</p>
Pollution Incidents	-	<p>Distance: 90 m W Incident ID: 1256199 Date: 15/07/2014 Air Category: 4 (No Impact) Land Category: 4 (No impact) Water Category: 2 (Significant) Pollutant Type: Sewage Materials Pollutant: Crude Sewage</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 175 m W Incident ID: 1639506 Date: 01/08/2018 Air Category: 2 (Significant) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Atmospheric Pollutants and Effects Pollutant: Other Odour</p> <p>2 No.:</p> <p>Distance: 175 m W Incident ID: 1638541 Date: 30/07/2018 Air Category: 2 (Significant) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Atmospheric Pollutants and Effects Pollutant: Chemical Odour</p>
Pollution Inventory Substances and Waste Transfer	-	<p>Distance: 85 m W Operator: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS Regulated Industry Sector/Sub Sector: Ferrous Metals</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
Water Connection Corridor		
Control of Major Accident Hazards (COMAH)	<p>Current Name: South Tees Site Company Limited Location: South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Historical Name: Sahaviriya Steel Industries Uk Limited Location: Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: British Steel Corporation Ltd (bsc) Location: British Steel Corporation Ltd (bsc), Redcar Works, Redcar Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p>	-
Hazardous Substance Storage / Usage	Reference: L/1992/0971/HD Location: British Steel PLC, BSC Redcar Works, Redcar, TS10 4RF	Distance: 220 m W Reference: No Details

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Date: 30/11/1992 Application Status: Historical Consent Details: -</p>	<p>Location: South Tees Site Company Limited, Trunk Road, Redcar, Cleveland, England, TS10 5QW Date: - Application Status: Approved Details: -</p> <p>Distance: 220 m W Reference: R/2011/0211/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Withdrawn Details: Change of Ownership.</p> <p>Distance: 220 m W Reference: R/2011/0210/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Historical Consent. Details: Consent for new inventory</p>
Historical Licensed Industrial Activities (ICP)	-	-

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
Licensed Industrial activities (Part A(1))	-	<p>1 No.:</p> <p>Distance: 50 m W</p> <p>Operator: Multiserv (Asr) Ltd</p> <p>Installation Name: -</p> <p>Date: 01/04/2004 (Effective)</p> <p>Status (Superseded)</p> <p>Activity: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location)</p> <p>2 No.:</p> <p>Distance: 205 m N</p> <p>Operator: British Steel Limited</p> <p>Installation Name: Teesside Integrated Iron & Steelworks EPR/VP3839DA and Teesside Beam Mill EPR/VP3839DA</p> <p>Date: 19/12/2018 (most Recent Effective)</p> <p>Status: Superseded</p> <p>Activity: Associated Processes</p> <p>3 No.:</p> <p>Distance: 80 m W</p> <p>Operator: Redcar Bulk Terminal Ltd</p> <p>Installation Name: Teesside Integrated Iron & Steelworks EPR/QP3338HU</p> <p>Date: 28/08/2018 (Effective All)</p> <p>Status: Effective (All)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		Activity: Other Mineral Activities; Loading Etc Coal Etc (Except On Retail Sale) (Unless Exempt Location); Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location; Ferrous Metals; Handling Etc >500,000 Tonnes/12 Months)
Licensed Discharges to Controlled Waters	-	Distance: 250 m E Permit Number: 254/0805 Location: Coatham Marsh 1 SSO, Dormanstown Receiving Water: Fleet Beck Date: 27/03/2001 (Revoked) Status: Revoked Details: Sewage discharges (sewer storm overflow – water company)
List 2 Dangerous Substances	-	-
List 2 Dangerous Substances	-	Distance: 100 m S Name: Isotank Services Limited Receiving Water: Unknown Substances: Zinc, Toluene, Xylene Status: Not Active
Pollution Incidents	Date: 24/09/2002 Incident ID: 32506 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 4 (No Impact) Pollutant Type: Specific Waste Materials	Distance: 180 m NE Incident ID: 37793 Date: 19/10/2001 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 4 (No Impact) Pollutant Type: Specific Waste Materials

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	Pollutant: Tyres	<p>Pollutant: Tyres</p> <p>Distance: 55 m NE Incident ID: 38554 Date: 23/10/2001 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 2 (Significant) Pollutant Type: Not Identified Pollutant: Not Identified</p> <p>Distance: 95 m E Incident ID: 39648 Date: 29/10/2001 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Not Identified Pollutant: Not Identified</p> <p>Distance: 195 m SW Incident ID: 190632 Date: 17/09/2003 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 3 (Minor) Pollutant Type: Oils and Fuel</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Pollutant: Unidentified Oil</p> <p>Distance: 215 m SW Incident ID: 1405228 Date: 22/01/2016 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 2 (Significant) Pollutant Type: Oils and Fuel Pollutant: Diesel</p> <p>Distance: 220 m SW Incident ID: 155029 Date: 30/04/2003 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 2 (Significant) Pollutant Type: Oils and Fuel Pollutant: Gas and Fuel Oils</p>
Pollution Inventory Substances and Waste Transfer	-	<p>3 No.:</p> <p>Distance: 85 m W Operator: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS Regulated Industry Sector/Sub Sector: Ferrous Metals</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
Radioactive Substance Authorisations	-	-
Electrical Connection Corridor		
Control of Major Accident Hazards (COMAH)	<p>Current Name: South Tees Site Company Limited Location: South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Historical Name: Sahaviriya Steel Industries Uk Limited Location: Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: British Steel CorporationLtd(bsc) Location: British Steel Corporation Ltd (bsc), Redcar Works, Redcar Hazardous Substance: Unknown</p>	-

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Date: - Tier: Historical NIHHS Site</p>	
<p>Hazardous Substance Storage / Usage</p>	<p>Reference: L/1992/0971/HD Location: British Steel PLC, BSC Redcar Works, Redcar, TS10 4RF Date: 30/11/1992 Application Status: Historical Consent Details: -</p>	<p>Distance: 225 m W Reference: R/2011/0211/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Withdrawn Details: Change of Ownership.</p> <p>Distance: 225 m W Reference: R/2011/0210/HD Location: Sahaviriya Steel Industries UK Ltd, Redcar Blast Furnace and Coke Ovens, Trunk Road, Redcar, TS10 5QW Date: 13/04/2011 Application Status: Historical Consent. Details: Consent for new inventory</p> <p>Distance: 225 m W Reference: No Details Location: South Tees Site Company Limited, Trunk Road, Redcar, Cleveland, England, TS10 5QW Date: - Application Status: Approved</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		Details: -
Historical Licensed Industrial Activities (ICP)	-	-
Licensed industrial activities (Part A(1))	-	<p>1 No.:</p> <p>Distance: 45 m W</p> <p>Operator: Multiserv (Asr) Ltd</p> <p>Installation Name: -</p> <p>Date: 01/04/2004 (Effective)</p> <p>Status (Superseded)</p> <p>Activity: Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location)</p> <p>2 No.:</p> <p>Distance: 215 m N</p> <p>Operator: British Steel Limited</p> <p>Installation Name: Teesside Integrated Iron & Steelworks EPR/VP3839DA and Teesside Beam Mill EPR/VP3839DA</p> <p>Date: 19/12/2018 (most Recent Effective)</p> <p>Status: Superceded</p> <p>Activity: Associated Processes</p> <p>3 No.:</p> <p>Distance: 80 m W</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Operator: Redcar Bulk Terminal Ltd Installation Name: Teesside Integrated Iron & Steelworks EPR/QP3338HU Date: 28/08/2018 (Effective All) Status: Effective (All) Activity: Other Mineral Activities; Loading Etc Coal Etc (Except On Retail Sale) (Unless Exempt Location); Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location; Ferrous Metals; Handling Etc >500,000 Tonnes/12 Months</p> <p>4 No. Effective (18No. Superseded) Distance: 20 m W</p> <p>Operator: Northumbrian Water Ltd Installation Name: Industrial Effluent Treatment Works Date: 30/01/2020 Status: Effective Activities: (Effective Only): Disposal Of > 50 T/D Non-Hazardous Waste (> 100 T/D If Only Ad) Involving Biological Treatment; Disposal Or Recovery Of Hazardous Waste With A Capacity Exceeding 10 Tonnes Per Day Involving Biological Treatment; Temporary Storage Of Haz Waste; Disposal Of > 50 T/D Non-Hazardous Waste (> 100 T/D If Only Ad) Involving Biological Treatment.</p> <p>2 No.: Distance: 100 m W Operator: Northumbrian Water Ltd</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Installation Name: Bran Sands Effluent Treatment Works Date: 29/09/2006 (Effective) Status: Superseded Activity: Other Waste Disposal; Hazardous Waste >10t/D; Combustion; Waste Derived Fuel =>3mw But <50mw</p> <p>1 No.: Distance: 100 m W Operator: Northumbrian Water Ltd Installation Name: Bran Sands Regional Sludge Treatment Centre Date: 08/05/2006 (Effective) Status: Superseded Activity: Fuel From Waste; Making Solid Fuel From Waste by Using Heat (Except Charcoal</p>
Licensed Pollutant Release (Part A(2)/B)	-	-
Licensed Discharges to Controlled Waters	<p>Permit Number: 25/04/1799 Location: TOD POINT 275KV SUBSTATION, TRUNK ROAD (WEST OF), REDCAR, CLEVELAND, TS10 5BW Receiving Water: SOAKAWAY - GROUNDWATER Date: 25/03/2011 (Revoked) Status: SURRENDERED UNDER EPR 2010 Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p>	<p>3 No. Distance: 100 m W Permit Number: 25/04/1646 Location: ESTON PUMPING STATION, ADJACENT TO BRAN SANDS STW, TEES DOCK ROAD, MIDDLESBROUGH Receiving Water: DABHOLM GUT Date: 29/05/2007 (Most Recent Effective) Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Details: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 245 m W Permit Number: 254/1462 Location: BRAN SANDS TREATMENT PLANT, WILTON SITE CABINS, TEESSIDE Receiving Water: DABHOLM GUT Date: 29/03/2001 (Revoked) Status: Revoked Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY</p>
List 1 Dangerous Substances	-	-
List 2 Dangerous Substances	-	-
Pollution Incidents	<p>Date: 24/09/2002 Incident ID: 32506 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 4 (No Impact) Pollutant Type: Specific Waste Materials Pollutant: Tyres</p>	<p>Distance: 90 m W Incident ID: 1256199 Date: 15/07/2014 Air Category: 4 (No Impact) Land Category: 4 (No impact) Water Category: 2 (Significant) Pollutant Type: Sewage Materials Pollutant: Crude Sewage</p> <p>Distance: 170 m W Incident ID: 1639506 Date: 01/08/2018</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Air Category: 2 (Significant) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Atmospheric Pollutants and Effects Pollutant: Other Odour</p> <p>Distance: 170 m W Incident ID: 1638541 Date: 30/07/2018 Air Category: 2 (Significant) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Atmospheric Pollutants and Effects Pollutant: Chemical Odour</p>
Pollution Inventory Substances	-	<p>X3 No.: Distance: 85 m W Operator: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS Regulated Industry Sector/Sub Sector: Ferrous Metals</p>
Pollution Inventory Waste Transfer	-	<p>Distance: 85 m W Operator: Redcar Bulk Terminal Ltd Location: Teesside Integrated Iron and Steelworks Cleveland, TS10 5QW</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		Activity: FERROUS METALS; HANDLING ETC >500,000 TONNES/12 MONTHS Regulated Industry Sector/Sub Sector: Ferrous Metals
Radioactive Substance Authorisations	-	-
Hydrogen Pipeline Corridor - North of the River Tees		
Control of Major Accident Hazards (COMAH)	<p>Current</p> <p>Name: Chemoxy International Limited Location: Chemoxy International Limited, Billingham, Billingham Process Park, Belasis Avenue, Billingham, Cleveland, TS23 1LB Hazardous Substance: Unknown Date:- Tier: Upper Tier Operator</p> <p>Name: CF Fertilisers UK Limited Location: CF Fertilisers UK Limited, Billingham, PO Box 81, Billingham, Teesside, TS23 1XT Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p>	<p>Current</p> <p>Distance: 25 m S Name: Mitsubishi Chemical UK Limited Location: Mitsubishi Chemical UK Limited, Cassel Works Billingham, Cassel Works, New Road, Billingham, Cleveland, TS23 1LE Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Distance: 215 m W Name: Exolum Seal Sands Limited Location: Exolum Seal Sands Limited, North Terminal, Middlesbrough, Middlesbrough, Cleveland, TS2 1UB Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>2 No.:</p> <p>Name: ConocoPhillips (U.K.) Teesside Operator Limited</p> <p>Location: ConocoPhillips (U.K.) Teesside Operator Limited, Seal Sands Terminal, Teesside Operations, Middlesbrough, Cleveland, TS2 1UH</p> <p>Hazardous Substance: Unknown</p> <p>Date: -</p> <p>Tier: Upper Tier Operator</p> <p>Name: Wood Group PSN Limited</p> <p>Location: Wood Group PSN Limited, Seal Sands Terminal - Central Area Transmission System (CATS), Seal Sands Road, Seal Sands, Middlesbrough, Cleveland, TS2 1UB</p> <p>Hazardous Substance: Unknown</p> <p>Date: -</p> <p>Tier: Upper Tier Operator</p> <p>Name: Fine Organics Limited</p> <p>Location: Fine Organics Limited, Lianhetech Seal Sands, Middlesbrough, Cleveland, TS2 1UB</p> <p>Hazardous Substance: Unknown</p> <p>Date: -</p> <p>Tier: Upper Tier Operator</p>	<p>Historical</p> <p>4 No.:</p> <p>Distance: 195 m N</p> <p>Name: Vertellus Specialities UK Limited</p> <p>Location: Vertellus Specialities UK Limited, Middlesbrough, Seal Sands Road, Middlesbrough, Cleveland, TS2 1UB</p> <p>Hazardous Substance: Unknown</p> <p>Date: -</p> <p>Tier: Upper Tier Operator</p> <p>Distance: 85 m N</p> <p>Name: px (TGPP) Limited</p> <p>Location: px (TGPP) Limited, Teesside Gas Processing Plant, Seal Sands, Teesside Gas Processing Plant, Stockton on Tees, Cleveland, TS2 1UB</p> <p>Hazardous Substance: Unknown</p> <p>Date: -</p> <p>Tier: Upper Tier Operator</p> <p>Distance: 95 m W</p> <p>Name: ConocoPhillips (U.K.) Teesside Operator Limited</p> <p>Location: ConocoPhillips (U.K.) Teesside Operator Limited, Middlesbrough, Greatham Storage, Middlesbrough, Cleveland, TS2 1UH</p> <p>Hazardous Substance: Unknown</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Name: Venator Materials UK Limited Address: Venator Materials UK Limited, Hartlepool - Greatham Site, Greatham Site, Tees Road, Hartlepool, Cleveland, TS25 2DD Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Navigator Terminals Seal Sands Limited Location: Navigator Terminals Seal Sands Limited, Stockton on Tees, Seal Sands, Stockton on Tees, Cleveland, TS2 1UA Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Air Products (BR) Limited Location: Air Products (BR) Limited, Middlesbrough, Huntsman Drive, Middlesbrough, Cleveland, TS2 1SD Hazardous Substance: Unknown Date: - Tier: Lower Tier Operator</p> <p>Name: CF Fertilisers UK Limited Location: CF Fertilisers UK Limited, North Tees,</p>	<p>Date: - Tier: Upper Tier</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Huntsman Drive, Port Clarence, Middlesbrough, Cleveland, TS2 1TT Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: SABIC UK Petrochemicals Limited Location: SABIC UK Petrochemicals Limited, North Tees, North Tees Site, Seaton Road, Port Clarence, Cleveland, TS2 1TT Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Historical Name: Growhow Uk Ltd Location: Growhow Uk Ltd, Billingham, Po Box 81, Billingham, Teesside, TS23 1XT Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p> <p>Name: Huntsman Pigments and Additives UK Limited</p>	

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Location: Huntsman Pigments and Additives UK Limited, Greatham Works, Hartlepool, Greatham Works, Tees Road, Hartlepool, Cleveland, TS25 2DD Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Fine Organics Limited Location: Fine Organics Limited, Seal Sands, Middlesbrough, Cleveland, TS2 1UB Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Vopak Terminal Teesside Limited Location: Vopak Terminal Teesside Limited, Stockton On Tees, Seal Sands, Stockton On Tees, Cleveland, TS2 1UA Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p> <p>Name: Growhow Uk Ltd Location: Growhow Uk Ltd, North Tees, Huntsman Drive, Port Clarence, Middlesbrough, Cleveland, TS2 1TT</p>	

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p> <p>Name: INEOS Nitriles (UK) Limited Location: INEOS Nitriles (UK) Limited, Seal Sands Chemical Works, PO Box 62, Middlesbrough, Cleveland, TS2 1TX Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Greenergy Terminals Limited Location: Greenergy Terminals Limited, North Tees, North Tees Oil Refinery & Road Rail Terminal, Seaton Road, Port Clarence, Middlesbrough, Cleveland, TS2 1TT Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p> <p>Name: British Gas Location: British Gas, Seal Sands Cavity Storage & Pressure Reduction Station, Teesroad, Seals Sand, Middlesbrough, TS2 IUB Hazardous Substance: Unknown</p>	

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Date: - Tier: Historical COMAH Site</p>	
<p>Hazardous Substance Storage / Usage</p>	<p>Reference: 93/2043/H Location: Ici Chemicals And Polymers, Billingham, Cleveland, TS23 1LB Date: 01/10/1993 (Application) Application Status: Historical Consent Details: Storage of ammonium nitrate-based products. No Enforcements Notified.</p> <p>Reference: 99/1110/H Location: Basf, Seals Sands, Billingham, TS2 1TX Date: 13/07/1999 (Application) Application Status: Historical Consent Details: Purification and storage of acetonitrile. No Enforcements Notified.</p> <p>Reference: 92/2068/H Location: Northern Gas Networks Limited, Seal Sands Cavity Storage, Tees Road, Seal Sands, Middlesbrough, Stockton on Tees Borough Council, England, TS2 1UB Date: 16/10/1992 (Application) Application Status: Approved</p>	<p>Distance: 25 m E Reference: 94/0468/P Location: Ici Chemicals And Polymers, Billingham, Cleveland, TS23 1LB Date: 11/03/1994 (Application) Application Status: Historical Consent Details: Following a change in land ownership, application for continuation of consent. Increase of storage of flammable substances held above boiling point from 69 to 2484 tonnes. No Enforcements Notified.</p> <p>Distance: 60 m E Reference: No Details Location: CF Fertilisers UK Ltd, Portrack Site, PO Box 81, Billingham, Stockton on Tees Borough Council, England, TS18 2RF Date: - Application Status: Approved Details: -</p> <p>Distance: 135 m N Reference: HZ/S/1979/92</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Details: Storage of 6300 tonnes of natural gas. No Enforcements Notified.</p>	<p>Location: Seal Sands Storage, Seal Sands, Stockton, Middlesbrough, Cleveland, TS2 1UB Date: 25/11/1992 (Application) Application Status: Historical Consent Details: Storage of up to 3939 tonnes of butane, 5105 tonnes of acetone cyanohydrin, 122244 tonnes of propylene oxide and 141453 tonnes of acrylonitrile. No Enforcements Notified.</p> <p>Distance: 135 m N Reference: 92/1689/H Location: Seal Sands Storage, Seal Sands Road, Seal Sands, Middlesbrough, TS2 1UA Date: 25/08/1992 (Application) Application Status: Historical Consent Details: Storage of up to 7820 tonnes of propylene, 9548 tonnes of vinyl chloride monomer, 234120 tonnes of highly flammable liquids, 2000 tonnes of aqueous ammonia and 4093.5 tonnes of acetone cyanohydrin. No Enforcements Notified.</p> <p>Distance: 135 m N Reference: 96/1535/H Location: Seal Sands Storage, Seal Sands, Billingham, TS2 1UB Date: 16/09/1996 (Application) Application Status: Historical Consent</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: Storage of up to 30611 tonnes of flammable liquids. No Enforcements Notified.</p> <p>Distance: 60 m W Reference: 99/1651/H Location: Vertellus Specialities UK Ltd, Seal Sands Road, Seal Sands, Middlesbrough, Stockton on Tees Borough Council, England, TS2 1UB Date: No Details Application Status: Historical Consent Details: No Details</p> <p>Details: 210 m S Reference: 01/0126/H Location: Vopak, Seal Sands, Billingham, TS2 1UA Date: 24/01/2001 (Application) Application Status: Historical Consent Details: Storage of up to 15000 tonnes of acetone cyanohydrin</p> <p>Details: 210 m S Reference: 01/0418/H Location: Vopak, Seal Sands, Billingham, TS2 1UA Date: 11/07/2001 (Application) Application Status: Historical Consent</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: Storage of up to 25000 tonnes of methanol. No Enforcements Notified.</p> <p>Distance: 55 m SE Reference: No Details Location: Navigator Terminals Seals Sands Ltd, Seal Sands, Seal Sands, Stockton-on-Tees, Stockton on Tees Borough Council, England, TS2 1UA Date: No Details Application Status: Historical Consent Details: No Details</p> <p>Distance: 135 m E Reference: 93/0903/H Location: Inter Terminals Seal Sands Limited (South Terminal), South Terminal, Seal Sands, Middlesbrough, Stockton on Tees Borough Council, England, TS2 1UA Date: 04/05/1993 (Application) Application Status: Approved Details: Storage and handling of up to 120000 tonnes of crylonitrile. No Enforcements Notified.</p> <p>Distance: 125 m E Reference: 99/0795/H</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: Seal Sands Storage, formerly Tees Storage Company, (North Terminal) Seal Sands, Middlesbrough, TS2 1UA Date: 28/05/1999 (Application) Application Status: Historical Consent Details: Storage of up to 2500 tonnes of acetonitrile in an above-ground tank. No Enforcements Notified.</p> <p>Distance: 130 m SE Reference: 92/2012/H</p> <p>Location: Tees Storage Company, Seal Sands, Stockton, TS17 6BF Date: 08/10/1992 (Application) Application Status: Historical Consent Details: Storage of 1.2 dibromoethane and entry Nos. 69 and 71. No Enforcements Notified</p> <p>Details: 75 m SE Reference: No Details</p> <p>Location: Exolum Riverside Ltd, Billingham Reach, Haverton Hill Road, Billingham, Stockton on Tees Borough Council, England, TS23 1PX Date: 26/05/2009 (Application) Application Status: Approved Details: Storage of up to 100000 tonnes of petrol and other petroleum spirits No Enforcements Notified</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 165 m W Reference: 01/0138/H Location: INEOS Nitriles (BASF Plc), Seal Sands, Middlesbrough, TS2 1UB Date: 26/01/2001 (Application) Application Status: Historical Consent Details: Storage of up to 150 tonnes of acetone cyanohydrin. No Enforcements Notified.</p> <p>Distance: 60 m NW Reference: 13/0060/HAZ Location: SABIC UK Petrochemicals Ltd, North Tees Site, Seaton Road, Port Clarence, Stockton on Tees Borough Council, England, TS2 1TT Date: 18/06/2014 (Application) Application Status: Approved Details: Hazardous Substance consent for the storage plus ancillary processing of ethane liquid and ethane vapour.</p> <p>Distance: 200 m NE Reference: H/HSC/0555/99 Location: Tioxide Europe Ltd, Greatham Works, Tees Road, Hartlepool, Hartlepool Borough Council, England, TS25 2DD Date: No Details. Application Status: Approved</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: Application for deemed hazardous substance consent for the presence of hazardous materials identified under the Planning (COMAH) Regulations 1999. No Enforcements Notified.</p> <p>Distance: 200 m NE Reference: H/HSC/0485/92 Location: Tioxide Europe Ltd, Tees Road, Hartlepool, TS25 2DD Date: 12/11/1992 (Application) Application Status: Historical Consent</p> <p>Details: Application for deemed hazardous substance consent for the storage of chlorine</p> <p>Distance: 200 m NE Reference: H/HSC/0486/92 Location: Tioxide Europe Ltd, Tees Road, Hartlepool, TS25 2DD Date: 12/11/1992 (Application) Application Status: Historical Consent</p> <p>Details: Application for deemed hazardous substance consent for the storage of liquid petroleum gas. No Enforcements Notified.</p> <p>Distance: 200 m NE Reference: H/HSC/0601/01 Location: Tioxide Europe Ltd, Tees Road, Hartlepool, TS25 2DD Date: 04/02/2002 (Application)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Application Status: Historical Consent Details: Storage of anhydrous ammonia. No Enforcements Notified.</p> <p>Distance: 200 m NE Reference: H/HSC/0522/96 Location: Tioxide Europe Ltd, Tees Road, Hartlepool, TS25 2DD Date: 18/12/1996 (Application) Application Status: Historical Consent Details: Variation of hazardous substance consent for the reduction of capacity for storage of chlorine and LPG. No Enforcement Notified.</p> <p>Distance: 185 m N Reference: 12/2124/HAZ Location: SNF Oil and Gas Ltd, Belasis Avenue, Billingham, Stockton on Tees Borough Council, England, TS23 1LG Date: 04/09/2012 (Application) Application Status: Approved Details: New Hazardous Substance Consent application in connection with the New Polyacrylamide Emulsion Plant. No Enforcements Notified.</p> <p>Distance: 60 m S Reference: 01/0398/H Location: CF Fertilisers UK Ltd, Cassel Site, PO Box 81, Billingham, Stockton on Tees Borough Council, England, TS23 1QZ</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Date: 31/05/2001 (Application) Application Status: Approved Details: Continuation of existing consent following change in ownership. No Enforcements Notified.</p> <p>Distance: 60 m S Reference: 94/0469/P Location: Ici Chemicals And Polymers, Billingham, Cleveland, TS23 1LB Date: 11/03/1994 (Application) Application Status: Details: Following a change in land ownership, application for continuation of consent. No Enforcements Notified.</p> <p>Distance: 240 m SW Reference: 11/3130/HAZ Location: Chemoxy International Limited, Billingham Process Park, Belasis Avenue, Haverton Hill, Billingham, Stockton on Tees Borough Council, England, TS23 1LE Date: 13/12/2011 (Application) Application Status: Approved Details: Addition of 15 tonnes of acrylonitrile, 205 tonnes of petroleum products and 1 tonne oxidizing substances to existing consent. No Enforcements Notified.</p> <p>Distance: 240 m SW</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Reference: 92/2269/H Location: ICI, Billingham Site, Billingham, TS23 1LB Date: 20/11/1992 (Application) Application Status: Historical Consent Details: Variation of deemed consent relating to vessel storage areas and movable container storage areas, for substances 16, 40 and 71. No Enforcements Notified.</p> <p>Distance: 210 m SW Reference: 03/1098/H Location: Huntsman Petrochemicals UK Limited, North Tees Site, Huntsman Drive, Port Clarence, TS10 1TT Date: 02/07/2003 Application Status: Historical Consent Details: Variation of existing consent for the continued use of acquired inventories of hydrogen, LPG, flammable gases and liquids. No Enforcements Notified.</p> <p>Distance: 210 m SW Reference: 05/0166/HAZ Location: Huntsman Petrochemicals UK Limited, Huntsman Drive, Seal Sands, Middlesbrough, TS2 1TT Date: 17/01/2005 Application Status: Historical Consent</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: Variation of existing consent for one new vessel on the Aromatics complex containing flammable substances held above the boiling point, changes of duty of some tanks storing petroleum products and a change in classification of a petroleum substance. No Enforcements Notified.</p> <p>Distance: 220 m N Reference: H/2011/0527 Location: EDF Energy Nuclear Generation Ltd, Hartlepool Power Station, Tees Road, Hartlepool, Hartlepool Borough Council, England, TS25 2BZ Date: 14/10/2011 Application Status: Approved</p> <p>Details: Hazardous substances consent for the storage of hydrazine and sodium hypochlorite for use in water treatment to minimise corrosion and marine growth. No Enforcement Notified.</p>
Historical Licensed Industrial Activities (ICP)	-	<p>2 No.:</p> <p>Distance: 105 m S Name: Tioxide Specialities Ltd Location: Haverton Hill Road, Billingham, Cleveland, TS23 1PS Date: 20-8-1993 (Most Recent Effective) Status: Surrendered Details: Inorganic Chemical Processes</p> <p>3 No.:</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 55 m S Name: Air Products (chemicals) Teesside Ltd Location: Ammonia Production Area, PO Box 1, Billingham, Cleveland, TS23 1LE Date: 30-11-1998 (Most Recent Effective) Status: Revoked Details: Manufacture And Use Of Organic Chemicals</p> <p>10 No.: Distance: 55 m S Name: Terra Nitrogen (UK) Ltd Location: Ammonia Production Area, PO Box 1, Billingham, Cleveland, TS23 1LE Date: 24-3-2003 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Inorganic Chemical Processes</p> <p>4 No.: Distance: 85 m W Name: Ici Chemicals and Polymers Ltd Location: Billingham Packaged Boilers, Billingham, Cleveland, TS23 1LE Date: 30-11-1998 (Most Recent Effective) Status: Revoked Details: Combustion Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>2 No.:</p> <p>Distance: 85 m W</p> <p>Name: Air Products (chemicals) Teesside Ltd</p> <p>Location: Chemical Products Area, PO Box 1, Billingham, Cleveland, TS23 1LE</p> <p>Date: 30-11-1998 (most Recent Effective)</p> <p>Status: Revoked</p> <p>Details: Manufacture And Use Of Organic Chemicals</p> <p>8 No.:</p> <p>Distance: 140 m SW</p> <p>Name: Air Products (chemicals) Teesside Ltd</p> <p>Location: Air Products Production Area, PO Box 1, Billingham, Cleveland, TS23 1LE</p> <p>Date: 27-3-2000 (Most Recent Effective)</p> <p>Status: Revoked (Now IPPC)</p> <p>Details: Manufacture And Use Of Organic Chemicals</p> <p>1 No.:</p> <p>Distance: 140 m SW</p> <p>Name: Imperial Chemical Industries Plc</p> <p>Location: Cassel Works, PO Box 8, Billingham, Cleveland, TS23 1PR</p> <p>Date: 1-8-1994 (Effective)</p> <p>Status: Revoked</p> <p>Details: Manufacture And Use Of Organic Chemicals</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>46 No.: Distance: 140 m SW Name: Lucite International UK Ltd Location: Cassell Works, PO Box 8, Billingham, Cleveland, TS23 1PR Date: 1-4-2003 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Manufacture And Use Of Organic Chemicals</p> <p>9 No.: Distance: 220 m E Name: Viking Power Ltd Location: Seal Sands Bulk Supply Point Substation, Seal Sands, Stockton-on-tees, Cleveland, TS2 2NR Date: 5-11-2004 (Most recent Effective) Status: Revoked (Now IPPC) Details: Combustion Processes</p> <p>X10 No.: Distance: 80 m S Name: Terra Nitrogen (UK) Ltd Location: Nitric Acid Plant, PO Box 81, Billingham, Cleveland, TS23 1XT Date: 13-8-2001 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Acid Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>1 No.: Distance: 80 m S Name: Dalkia Utilities Services Plc Location: Ammonia Production Area, PO Box 81, Billingham, Cleveland, TS23 1XT Date: 1-2-1999 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Combustion Processes</p> <p>1 No. Distance: 5 m S Name: Vopak Terminal Teesside Ltd Location: Seal Sands, Middlesbrough, Cleveland, TS2 1UA Date: 1-10-1993 (Most Recent Effective) Status: Referred To LA Details: The Storage Of Chemicals In Bulk</p> <p>5 No.: Distance: 90 m NW Name: Ici Chemicals and Polymers Ltd Location: Methanol Plant, Billingham, Cleveland, TS23 4HN Date: 30-11-1998 (Most Recent Effective) Status: Revoked Details: Gasification And Associated Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>32 No.: Distance: 180 m NE Name: Tioxide Europe Ltd Location: Greatham Works, Tees Road, Hartlepool, Cleveland, TS25 2DD Date: 24-3-2006 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Processes Involving Halogens</p> <p>2 No.: Distance: 200 m W Name: Seal Sands Chemicals Ltd Location: Seal Sands, Middlesbrough, Cleveland, TS2 1UB Date: 5-9-2003 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Manufacture And Use Of Organic Chemicals</p> <p>38 No. Distance: 200 m E Name: Petroplus Refining Teesside Ltd Location: North Tees Site, Seaton Road, Port Clarence, Middlesbrough, TS2 1TT Date: 29/09/2006 (Most Recent Effective) Status: Revoked – Now IPCC Details: Petroleum Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
<p>Licensed industrial activities (Part A(1))</p>	<p>5 No. Operator: Air Products PLC Permit No.: UP3434EP Installation Name: Tees Valley Renewable Energy Facility EPR/ PP3037J Date: 06/12/2013 (Most Recent Effective) Status: Superseded Activity: Associated Processes</p> <p>Operator: Millenium EFW Limited Permit No.: CP3734QP Installation Name: Tees Valley Renewable Energy Facility EPR/ PP3037J Date: 10/08/2022 (Most Recent Effective) Status: Effective Activity: Associated Processes</p> <p>Operator: Terra Nitrogen UK Ltd Permit No.: BX3287IK Installation Name: Billingham Fertiliser Works Date: - Status: Determination Activity: Combustion; Any Fuel =>50MW</p>	<p>Distance: 205 m W Operator: Vertellus Specialities UK Limited Permit No.: HP3100SK Installation Name: VERTELLUS SPECIALITIES UK LIMITED EPR/BU0311IX Date: 17/06/2020 (Most Recent Effective) Status: Effective Activity: Organic Chemicals; Halogen Containing Compounds e.g. Halocarbons</p> <p>7 No. Distance: 185 m NW Operator: Greenergy Biofuels Teesside Limited Permit No.: EP3334AS Installation Name: SEAL SANDS TERMINAL (SOUTH SITE) EPR/EP3334AS/T001 Date: 11/05/2022 (Most Recent Effective) Status: Effective Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols</p> <p>8 No. Distance: 185 m NW Operator: Biofuels Corporation Trading Limited Permit No.: UP3431KP Installation Name: SEAL SANDS BIODIESEL / GLYCERINE PLANT</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Date: 03/12/2009 Status: Superseded Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols</p> <p>8 No. Distance: 185 m NW Operator: Harvest Energy Limited Permit No.: RP3032VS Installation Name: Harvest Energy Limited Date: 02/09/2014 Status: Superseded Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols</p> <p>11 No. Distance: 180 m N Operator: BASF Public Limited Company Permit No.: GP3739XY Installation Name: Seal Sands BASF Date: 17/12/2007 (Most Recent Effective) Status: Superseded Activity: Organic Chemicals; Nitrogen Containing Compounds e.g. Amines</p> <p>4 No.</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 180 m N Operator: NPOWER COGEN LIMITED Permit No.: KP3239BW Installation Name: Seal Sands BASF Date: 05/11/2004 (Most Recent Effective) Status: Superseded Activity: Organic Chemicals; Nitrogen Containing Compounds e.g. Amines</p> <p>6 No. Distance: 180 m N Operator: Ineos Nitriles UK Ltd Permit No.: FP3435GZ Installation Name: SEAL SANDS ACRYLONITRILE PRODUCTION EPR/FP3435GZ Date: 19/12/2008 Status: Superseded Activity: Inorganic Chemicals; Salts e.g. Ammonium Chloride</p> <p>8 No. Distance: 200 m N Operator: PX (TGPP) LTD Permit No.: HP3731RP Installation Name: TEESSIDE GAS PROCESSING PLANT EPR/NP3133LV</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Date: 23/03/2018 (Most Recent Effective) Status: Superseded Activity: Combustion; Any Fuel =>20MW but <50MW (Unless 1.1 A(1)B)</p> <p>15 No. Distance: 175 m N Operator: BASF Public Limited Company Permit No.: QP3232SS Installation Name: Seal Sands BASF Date: 03/11/2005 (Most Recent Effective) Status: Superseded Activity: Inorganic Chemicals; Salts e.g. Ammonium Chloride</p> <p>4 No. Distance: 85 m NE Operator: Sabic UK Petrochemicals Limited Permit No.: ZP3330QG Installation Name: SABIC NORTH TEES STORAGE - EPR/LP3335RM Date: 14/02/2019 (Most Recent Effective) Status: Effective Activity: Combustion; Any Fuel =>50MW</p> <p>Distance: 195 m E Operator: Anglian Water Services Limited</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit No.: FP3234QW Installation Name: North Tees Aromatics Date: 06/03/2019 (Effective) Status: Surrender Effective Activity: Associated Processes</p> <p>3 No. Distance: 200 m E Operator: BOC Limited Permit No.: LP3534DV Installation Name: BOC HYDROGEN PLANT - EPR/BJ7522IJ Date: 04/01/2017 Status: Effective Activity: Inorganic Chemicals; Gases e.g. Ammonia</p> <p>4 No. Distance: Operator: Sabic UK Petrochemicals Permit No.: TP3439BX Installation Name: NORTH TEES AROMATICS EPR/BU4503IW Date: 05/11/2004 (Most Recent Effective) Status: Superseded Activity: Combustion; Any Fuel =>50MW</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>5 No. Distance: Operator: Greenergy Terminals Limited Permit No.: YP3031CC Installation Name: NORTH TEES OIL REFINERY & ROAD RAIL TERMINAL EPR/YP3031CC Date: 01/10/2013 (Most Recent Effective) Status: Superseded Activity: Gasification, Liquefaction and Refining; Blending Odorant for Natural Gas / LPG</p> <p>12 No. Distance: Operator: Petroplus Refining Teesside Ltd Permit No.: HP3839FX Installation Name: NORTH TEES OIL REFINERY & ROAD RAIL TERMINAL EPR/NP3733LM Date: 15/08/2011 (Most Recent Effective) Status: Superseded Activity: Refining Mineral Oils</p> <p>2 No.: Distance: Operator: Huntsman Petrochemicals (UK) Ltd</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit No.: BU4503 Installation Name: - Date: 23/02/2004 Status: Superseded by PAS Activity: Combustion; Any Fuel =>50MW</p> <p>4 No. Distance: Operator: Navigator Terminals North Tees Limited Permit No.: XP3601LU Installation Name: NORTH TEES OIL REFINERY & ROAD/RAIL TERMINAL - EPR/FP3433DX Date: 01/09/2021 (Most Recent Effective) Status: Effective Activity: Gasification, Liquefaction and Refining; Blending Odorant for Natural Gas / LPG</p> <p>2 No.: Distance: 215 m E Operator: VIKING POWER LTD Permit No.: GP3830XU/ FP3738LX Installation Name: SEAL SANDS OCGT POWER STATION Date: 22/01/2008 (Most Recent Effective) Status: Superseded</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Activity: COMBUSTION; ANY FUEL =>50MW</p> <p>12 No. Distance: 230 m NE Operator: Augean North Limited Permit No.: BP3531QZ Installation Name: PORT CLARENCE NON-HAZARDOUS LANDFILL SITE - EPR/BV1402IC Date: 29/12/2020 (Most Recent Effective) Status: Effective Activity: Combustion; Waste Derived Fuel =>3MW but <50MW</p> <p>2 No. Distance: 230 m NE Operator: Zero Waste Limited Permit No.: BV1399 Installation Name:- Date: 27/02/2004 Status: Superseded by PAS Activity: Waste Landfilling; >10 T/D With Capacity >25,000T Excluding Inert Waste</p> <p>Distance: 120 m E Operator: Sabic UK Petrochemicals</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit No.: PP3038NM Installation Name: TEESSIDE CAVITY STORAGE EPR/HP3230LX Date: 28/05/2013 (Most Recent Effective) Status: Effective Activity: Stabilised Crude Petroleum</p> <p>5 No. Distance: 120 m NE Operator: Anglian Water Services Ltd Permit No.: KP3538SN Installation Name: GREATHAM TITANIUM DIOXIDE - EPR/KP3538SN Date: 16/06/2006 Status: Effective Activity: Combustion; Any Fuel =>50MW</p> <p>21 No. Distance: 180 m N Operator: Tioxide Europe Limited Permit No.: JP3334EF Installation Name: GREATHAM WORKS EPR/TP3532PK Date: 17/12/2013 Status: Superseded Activity: Associated Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>8 No. Distance: 180 m N Operator: Venator Materials UK Limited Permit No.: FP3309PB Installation Name: GREATHAM WORKS EPR/TP3532PK Date: 10/12/2019 (Most Recent Effective) Status: Effective Activity: Associated Processes</p> <p>4 No. Distance: 180 m N Operator: Huntsman P&A UK Limited Permit No.: BP3738AE Installation Name: GREATHAM WORKS EPR/TP3532PK Date: 01/01/2016 (Most Recent Effective) Status: Superseded Activity: Disposal of >50 T/D Non-Hazardous Waste (>100 T/D If Only AD) Involving Physio-Chemical Treatment</p> <p>Distance: 160 m NW Operator: Saltholme South Power Limited Permit No.: XP3106PT Installation Name: SALTHOLME SOUTH POWER EPR/XP3106PT Date: 15/04/2021</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: Effective Activity: Combustion; Any Fuel =>50MW</p> <p>Distance: 80 m W Operator: SALTHOLME NORTH POWER LIMITED Permit No.: LP3300PZ Installation Name: SALTHOLME NORTH POWER EPR/LP3300PZ Date: 15/04/2021 (Effective) Status: Effective Activity: COMBUSTION; ANY FUEL =>50MW</p> <p>7 No. Distance: 145 m S Operator: Impetus Waste Management Ltd Permit No.: VP3434NH Installation Name: Cowpen Bewley Landfill Site Date: 30/05/2013 (Most Recent Effective) Status: Effective Activity: Created by IED – Disposal of >50 T/D Non-Hazardous Waste (>100 T/D if only AD) involving biological treatment</p> <p>2 No. Distance: 130 m NW Operator: Avecia Ltd</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit No.: VP3530BV Installation Name: Belasis East Site Date: 30/09/2005 Status: Superseded Activity: Pharmaceuticals; Producing pharmaceuticals using chemical / biological processes</p> <p>7 No. Distance: 130 m NW Operator: Marlow Foods Ltd Permit No.: CP3236JF Installation Name: Belasis East Site - EPR/BW9247IK Date: 10/09/2018 (Most Recent Effective) Status: Effective Activity: Disposal of >50 T/D Non-Hazardous Waste (>100 T/D if only AD) involving biological treatment</p> <p>2 No. Distance: 130 m NW Operator: Premier Foods PLC Permit No.: ZP3430LM Installation Name: Belasis East Site Date: 25/10/2006 Status: Superseded</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Activity: Carbon Disulphide or Ammonia; Ammonia release to air (any chemical manufacture not reffridgerant use)</p> <p>5 No. Distance: 90 m N Operator: Marlow Foods Ltd Permit No.: CP3236JF Installation Name: Belasis East Site - EPR/BW92471K Date: 10/09/2018 (Most Recent Effective) Status: Effective Activity: Carbon Disulphide or Ammonia; Ammonia release to air (any chemical manufacture not reffridgerant use)</p> <p>16 No. Distance: 40 m NW Operator: Frutarom UK Ltd Permit No.: ZP3933GE Installation Name: BILLINGHAM SPECIALITY INGREDIENTS FACILITY EPR/BX4399IV Date: 05/04/2010 (Most Recent Effective) Status: Effective Activity: Organic chemicals; sulphur containing compounds e.g., sulphides</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>3 No. Distance: 35 m E Operator: PX LTD Permit No.: BV1224 Installation Name: Date: - Status: Superseded by PAS Activity: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS</p> <p>Distance: 55 m W Operator: HARTREE PARTNERS POWER & GAS COMPANY (UK) LIMITED. Permit No.: NP3031QE Installation Name: HAVERTON HILL Date: 14/08/2019 (Effective) Status: Superseded Activity: EXISTING MEDIUM COMBUSTION PLANT</p> <p>6 No.: Distance: 65 m W Operator: DALKIA UTILITIES SERVICES PLC Permit No.: BX3295IU Installation Name: BILLINGHAM FERTILISER WORKS EPR/BX3295IU Date: 31/08/2005 (Effective)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: Superceded Activity: Chemical Fertilisers; Producing Etc Phosphorous, Nitrogen Or Potassium Based Fertilisers Etc; Inorganic Chemicals; Gases Eg Ammonia; Combustion; Any Fuel =>50mw; Inorganic Chemicals; Acids Eg Chromic Acid; The Storage Of Chemicals In Bulk; And Combustion; Any Fuel =>50mw</p> <p>Distance: 65 m W Operator: DALKIA UTILITIES SERVICES PLC Permit No.: BX3295IU Installation Name: BILLINGHAM FERTILISER WORKS Date: - Statis: Determination Activity: COMBUSTION; ANY FUEL =>50MW</p> <p>5 No.: Distance: 65 m W Operator: DALKIA UTILITIES SERVICES PLC Permit No.: HP3534XK Installation Name: BILLINGHAM FERTILISER WORKS EPR/BX3295IU Date: 01/05/2008 (Effective) Status: Superceded Activity: Inorganic Chemicals; Acids Eg Chromic Acid; Chemical Fertilisers; Producing Etc Phosphorous, Nitrogen Or Potassium Based Fertilisers Etc;</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Inorganic Chemicals; Gases Eg Ammonia; Combustion; Any Fuel =>50mw; And The Storage Of Chemicals In Bulk</p> <p>5 No.:</p> <p>Distance: 65 m W</p> <p>Operator: VEOLIA ENERGY & UTILITY SERVICES UK PLC</p> <p>Permit No.: RP3231WU</p> <p>Installation Name: BILLINGHAM FERTILISER WORKS EPR/BX3295IU</p> <p>Date: 28/01/2015 (Effective)</p> <p>Status: Superseded</p> <p>Activity: The Storage Of Chemicals In Bulk; Chemical Fertilisers; Producing Etc Phosphorous, Nitrogen Or Potassium Based Fertilisers Etc; Inorganic Chemicals; Gases Eg Ammonia; Inorganic Chemicals; Acids Eg Chromic Acid; Combustion; Any Fuel =>50mw</p> <p>6 No.:</p> <p>Distance: 65 m W</p> <p>Operator: VEOLIA ENERGY & UTILITY SERVICES UK PLC</p> <p>Permit No.: UP3333RT</p> <p>Installation Name: BILLINGHAM FERTILISER WORKS EPR/BX3295IU</p> <p>Date: 01/01/2016 (Effective)</p> <p>Status: Effective</p> <p>Activity: Combustion; Any Fuel =>50mw; Inorganic Chemicals; Acids Eg Chromic Acid; The Storage Of Chemicals In Bulk; Inorganic Chemicals;</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Gases Eg Ammonia; Combustion; Any Fuel =>50mw; Chemical Fertilisers; Producing Etc Phosphorous, Nitrogen Or Potassium Based Fertilisers Etc</p> <p>X3 No.:</p> <p>Distance: 40 m NW Operator: RAPIER ENERGY LTD Permit No.: CP3537EN Installation Name: Billingham Treatment Plant Epr/Pp3137ml Date: 30/01/2014 (Effective) Status: Superseded Activity: Associated Process; Disposal Or Recovery Of Hazardous Waste With A Capacity Exceeding 10 Tonnes Per Day Involving Physico-Chemical Treatment; And Temporary Storage Of Haz Waste Not Under S 5.2 Pending Activities Listed In S 5.1, 5.2, 5.3 And Paragraph (B) Of This Section With A Total Capacity > 50 Tonnes, Excl Temp Storage Where Generated</p> <p>Distance: 40 m NW Operator: RAPIER ENERGY LTD Permit No.: DP3537TX Installation Name: BILLINGHAM TREATMENT PLANT EPR/PP3137ML Date: 18/01/2011 (Effective) Status: Superseded Activity: OTHER WASTE DISPOSAL; WASTE OILS >10 T/D</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 40 m NW Operator: RAPIER ENERGY LTD Permit No.: PP3137ML Installation Name: BILLINGHAM TREATMENT PLANT EPR/PP3137ML Date: 19/10/2007 (Effective) Status: Status Activity: OTHER WASTE DISPOSAL; WASTE OILS >10 T/D</p> <p>3 No.:</p> <p>Distance: 40 m NW Operator: RAPIER ENERGY LTD Permit No.: QP3138WV Installation Name: BILLINGHAM TREATMENT PLANT EPR/PP3137ML Date: 17/12/2014 (Effective) Status: Superseded Activity: Temporary Storage Of Haz Waste Not Under S 5.2 Pending Activities Listed In S 5.1, 5.2, 5.3 And Paragraph (B) Of This Section With A Total Capacity > 50 Tonnes, Excl Temp Storage Where Generated; Associated Process; And Disposal Or Recovery Of Hazardous Waste With A Capacity Exceeding 10 Tonnes Per Day Involving Physico-Chemical Treatment</p> <p>3 No.:</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 40 m NW Operator: RAPIER ENERGY LTD Permit No.: QP3239AJ Installation Name: BILLINGHAM TREATMENT PLANT EPR/PP3137ML Date: 15/06/2015 (Effective) Status: Effective Activity: Disposal Or Recovery Of Hazardous Waste With A Capacity Exceeding 10 Tonnes Per Day Involving Physico-Chemical Treatment; Temporary Storage Of Haz Waste Not Under S 5.2 Pending Activities Listed In S 5.1, 5.2, 5.3 And Paragraph (B) Of This Section With A Total Capacity > 50 Tonnes, Excl Temp Storage Where Generated; And Associated Process</p> <p>Distance: 40 m NW Operator: RAPIER ENERGY LTD Permit No.: WP3934CH Installation Name: BILLINGHAM TREATMENT PLANT EPR/PP3137ML Date: 01/06/2012 Status: Superceded Activity: OTHER WASTE DISPOSAL; WASTE OILS >10 T/D</p> <p>DISTANCE: 140 m SE Operator: HARTREE PARTNERS POWER & GAS COMPANY (UK) LIMITED. Permit No.: QP3608SR</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Installation Name: HAVERTON HILL Date: 07/10/2020 (Effective) Status: Effective Activity: NEW MEDIUM COMBUSTION PLANT 7 No. Distance: 105 m SW Operator: Mitsubishi Chemicals UK Ltd Permit No.: NP3704LL</p> <p>Installation Name: Cassel Works EPR/BR7992IU Date: 07/12/2020 (Most Recent Effective) Status: Effective Activity: Gasification, liquefaction and refining; refining gas => 1000 TE/12 months 35 No. Distance: 105 m SW Operator: Lucite International UK Limited Permit No.: VP3134YE</p> <p>Installation Name: Cassel Works EPR/BR7992IU Date: 03/05/2017 (Most Recent Effective) Status: Superseded Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols 41 No.</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: Operator: Lucite International UK Limited Permit No.: VP3933NA Installation Name: Cassel Site EPR/BR7992IU Date: 24/05/2013 (Most Recent Effective) Status: Superseded Activity: Inorganic Chemicals; Salts e.g. Ammonium Chloride</p>
<p>Licensed Pollutant Release (Part A(2)/B)</p>	<p>-</p>	<p>Distance: 160 m N Location: Simon Storage Ltd, Seal Sands Road, Seal Sands, Stockton-On-Tees, TS2 1UB Status: Historical Permit Process: Unloading of Petrol into Storage at Terminals Permit Type: Part B Enforcements: No Enforcements Notified</p> <p>Distance: 10 m E Location: Vopak Terminal Teesside Ltd, Seal Sands Road, Seal Sands, Stockton-On-Tees, TS2 1UB Status: Historical Permit Process: Chemical and Acid Processes Permit Type: Part B Enforcements: No Enforcements Notified</p> <p>Distance: 55 m E</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: Tees Storage Company Ltd, Seal Sands, TS2 1UA Status: Historical Permit Process: Chemical and Acid Processes Permit Type: Part B Enforcements: No Enforcements Notified</p> <p>Distance: 145 m SE Location: Vopak Terminal Teesside Ltd, Seal Sands Road, Port Clarence, Middlesbrough, TS2 1UA Status: Historical Permit Process: Unloading of Petrol into Storage at Terminals Permit Type: Part B Enforcements: No Enforcements Notified</p> <p>Distance: 65 m NW Location: Transco Land At ICI Billingham, Billingham, TS23 4AZ Status: Historical Permit Process: Gas Processes Permit Type: Part B Enforcements: No Enforcements Notified</p> <p>Distance: 130 m SE Location: Northern Area Networks, ICI Site, Haverton Hill Road, Billingham, Stockton-on-Tees, TS23 1PY</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: Historical Permit Process: Odourising Natural Gas Processes Permit Type: Part B Enforcements: No Enforcements Notified</p>
<p>Radioactive Substance Authorisations</p>	<p>-</p>	<p>Distance: 145 m N Operator Name: Inter Terminals Seal Sands Limited Permission Number: PB3735DJ Status: Issued Date: 01/04/2018</p> <p>7 No. Distance: 200 m E Operator Name: Sabic UK Petrochemicals Limited Permission Number: CB1575 Status: Issued Date: 3/9/2007 Definition: Disposal Of Radioactive Waste, Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).</p> <p>3 No. Distance: 205 m E Operator Name: Petroplus Refining Teesside Ltd Permission Number: BL8147</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: Revoked/cancelled Date: 1/1/2004 Details: Disposal Of Radioactive Waste (was Rsa60 Section 6). Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).</p> <p>2 No. Distance: 205 m E Operator Name: Imperial Chemical Industries Plc Permission Number: AZ1132 Status: Revoked/cancelled Date: 22/09/1997 Details: Disposal Of Radioactive Waste (was Rsa60 Section 6).</p> <p>Distance: 175 m N Operator Name: Tioxide Europe Ltd Permission Number: CE1911 Status: Effective Date: 22/03/2010 Details: Disposal Of Radioactive Waste (was Rsa60 Section 6).</p> <p>Distance: 175 m N Operator Name: Tioxide Europe Ltd Permission Number: AC4953 Status: Revoked/cancelled</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Date: 31/03/1991 Details: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).</p> <p>Operator Name: Venator Materials UK Limited Permission Number: MB3339DR Status: Issued Date: 01/04/2018 Details:-</p> <p>3 No. Distance: 115 m NW Operator Name: Tracerco Limited Permission Number: TB3394DJ Status: Issued Date: 02/05/2017 Details:-</p> <p>Distance: 115 m NW Operator Name: Johnson Matthey Plc Permission Number: BZ5329 Status: Valid Date: 10/03/2005 Details: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>5 No. Distance: 55 m SE Operator Name: Lucite International UK Limited Permission Number: BW4962 Status: Issued Date: 01/12/2003 (Most Recent Effective) Details: Disposal Of Radioactive Waste (was Rsa60 Section 6). Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).</p> <p>Distance: 75 m S Operator Name: Growhow Uk (east) Ltd Permission Number: BC3021 Status: Superseded By Variation Date: 06/02/1999 Details: Disposal Of Radioactive Waste (was Rsa60 Section 6).</p> <p>Distance: 140 m SW Operator Name: Ici Chemicals And Polymers Ltd Permission Number: AY9316 Status: Revoked/cancelled Date: 14/11/1997 Details: Disposal Of Radioactive Waste (was Rsa60 Section 6).</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
<p>Licensed Discharges to Controlled Waters</p>	<p>Permit: 254/E/0381 Location: SETTLING LAGOON SEABANKS FIELD, WEST CHANNEL, SEAL SANDS, REDCAR & CLEVELAND Receiving Water: North Sea Status: TRANSFERRED FROM R(PP)A 1951-1961 Date: 28/09/1962 (Effective) Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>2 No.:</p> <p>Permit: 254/0289 Location: FINE ORGANICS LTD, TEESSIDE SITE, SEAL SANDS MIDDLESBROUGH Receiving Water: Tees Status: TRANSFERRED FROM COPA 1974 Date: 11/01/1994 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit: 254/1530 Location: SHANKS & MCEWAN, MIDDLESBROUGH Receiving Water: THE RIVER TEES Status: Revoked - Unspecified Date: 03/08/2004 (Revoked)</p>	<p>Distance: 90 m N Permit: 254/0459 Location: DTBA LTD - SEAL SANDS SITE, SEAL SANDS, MIDDLESBROUGH, CLEVELAND Receiving Water: Tees Status: REVOKED - UNSPECIFIED Date: 25/05/1994 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 100 m S Permit: 254/0231 Location: FINE ORGANICS LTD, MIDDLESBROUGH Receiving Water: Tees Status: REVOKED - UNSPECIFIED Date: 06/08/2004 (Revoked)</p> <p>Distance: 200 m E Permit: 254/B/0197 Location: TEESSIDE OIL FACILITY, GREATHAM Receiving Water: GREATHAM CREEK Status: REVOKED - UNSPECIFIED Date: 26/06/1983 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>4 No.</p> <p>Permit: 254/1530</p> <p>Location: SHANKS & MCEWAN, MIDDLESBROUGH</p> <p>Receiving Water: The River Tees</p> <p>Status: Revoked - Unspecified</p> <p>Date: 03/08/2004 (Revoked)</p> <p>Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit: 254/0921</p> <p>Location: SEAL SANDS CHEMICAL COMPANY LTD, SEAL SANDS MIDDLESBROUGH</p> <p>Receiving Water: Tees</p> <p>Status: REVOKED - UNSPECIFIED</p> <p>Date: 26/07/1994 (Revoked)</p> <p>Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Permit: 25/04/1794</p> <p>Location: SALTHOLME 275KV SUBSTATION, SALTHOLME, COWPEN BEWLEY</p> <p>Receiving Water: HOLME FLEET TEES TRIB</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)</p>	<p>Distance: 200 m E</p> <p>Permit: 254/B/0297</p> <p>Location: TEESSIDE OIL FACILITY, GREATHAM</p> <p>Receiving Water: GREATHAM CREEK</p> <p>Status: REVOKED - UNSPECIFIED</p> <p>Date: 10/05/1993 (Revoked)</p> <p>Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 245 m S</p> <p>Permit: 254/B/0316</p> <p>Location: SEAL SANDS STORAGE LTD, SEAL SANDS MIDDLESBROUGH</p> <p>Receiving Water: Tees</p> <p>Status: REVOKED - UNSPECIFIED</p> <p>Date: 26/07/1994 (Revoked)</p> <p>Details: Trade Discharges - Process Effluent - Not Water Company</p> <p>Distance: 70 m W</p> <p>Permit: 254/B/0119</p> <p>Location: ACRYLONITRILE PLANT, SEAL SANDS TEESSIDE</p> <p>Receiving Water: Tees</p> <p>Status: REVOKED - UNSPECIFIED</p> <p>Date: 30/08/1990 (Revoked)</p> <p>Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 70 m W</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Date: 03/08/2004 (Effective) Details: MISCELLANEOUS DISCHARGES - SURFACE WATER; and SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>Permit: 254/1519 Location: SALTHOLME 275KV SUBSTATION, SALTHOLME, COWPEN BEWLEY Receiving Water: HOLME FLEET Status: REVOKED NEW CONSENT ISSUED (WATER ACT 1989 SECTION 113) Date: 03/08/2004 (Revoked) Details: Unspecified</p>	<p>Permit: 254/B/0118 Location: Acrylonitrile Plant, Seal Sands Teesside Receiving Water: Tees Status: REVOKED - UNSPECIFIED Date: 30/08/1990 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 70 m W Permit: 254/B/0117 Location: ACRYLONITRILE PLANT, SEAL SANDS TEESSIDE Receiving Water: Tees Status: REVOKED - UNSPECIFIED Date: 30/08/1990 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 75 m N Permit: 25/04/1785 Location: COWPEN BEWLEY SPS, SEAL SANDS LINK ROAD, BILLINGHAM, COWPEN BEWLEY, STOCKTON ON TEES, TS23 3NF Receiving Water: COWBRIDGE BECK Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 24/11/2019 (Revoked)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY; and SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY</p> <p>Distance: 75 m N Permit: 25/04/1785 Location: COWPEN BEWLEY SPS, SEAL SANDS LINK ROAD, BILLINGHAM, COWPEN BEWLEY, STOCKTON ON TEES, TS23 3NF Receiving Water: TRIB OF COWBRIDGE BECK Status: VARIED UNDER EPR 2010 Date: 25/11/2019 (Effective)</p> <p>Details: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY; and SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY</p> <p>Distance: 80 m N Permit: 254/0936 Location: COWPEN BEWLEY P.S, COWPEN BEWLEY Receiving Water: COWBRIDGE BECK Status: REVOKED - UNSPECIFIED Date: 30/06/1995 (Revoked)</p> <p>Details: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY</p> <p>Distance: 160 m SE Permit: EPRPB3938AU</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: TEES VALLEY EFW PLANT, HAVERTON HILL ROAD, BILLINGHAM, CLEVELAND, TS23 1PY Receiving Water: Groundwater via infiltration system Status: NEW ISSUED UNDER EPR 2010 Date: 16/04/2013 (Effective) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>2 No. Distance: 215 m SE Permit: 254/1897</p> <p>Location: SITA ENERGY FROM WASTE SEPTIC TANK, HAVERTON HILL ROAD, BILLINGHAM, TEESSIDE, TS23 1PY Receiving Water: Land – River Tees Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 26/07/2012 (Effective) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 225 m NW Permit: QC.25/04/1581</p> <p>Location: COWPEN BEWLEY VISITOR CENTRE, COWPEN BEWLEY, STOCKTON ON TEES Receiving Water: UNNAMED TRIB OF COWBRIDGE BECK</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 17/05/1999 (Effective) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 160 m NE Permit: 254/0451 Location: TIOXIDE UK LTD, THE ICON PROJECT, T, HARTLEPOOL Receiving Water: SEATON CHANNEL, TRIBUTARY OF</p> <p>Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 08/05/2002 (Revoked) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>3 No. Distance: 15 m E Permit: QR.25/04/1588 Location: TERRA NITROGEN LTD, BILLINGHAM Receiving Water: Tees</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 12/05/2004 (Effective)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 35 m S Permit: 254/D/0256 Location: BILLINGHAM FIRE STATION, BILLINGHAM Receiving Water: GREATHAM CREEK, TRIBUTARY OF Status: REVOKED - UNSPECIFIED Date: 14/07/1992 (Revoked)</p> <p>Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 35 m S Permit: 254/D/0250 Location: BILLINGHAM FIRE STATION, BILLINGHAM Receiving Water: GREATHAM CREEK, TRIBUTARY OF Status: REVOKED - UNSPECIFIED Date: 14/07/1992 (Revoked)</p> <p>Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 40 m W Permit: 254/H/38 Location: CAVITY 98/99, SALTHOLME BRINEFIELD, BILLINGHAM</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Receiving Water: UNDERGROUND STRATA Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>2 No.:</p> <p>Distance: 40 m N Permit: 254/0289 Location: FINE ORGANICS LTD, TEESSIDE SITE, SEAL SANDS MIDDLESBROUGH Receiving Water: Tees Status: TRANSFERRED FROM COPA 1974 Date: 24/05/1989 (Revoked) Details: TRADE DISCHARGES – UNSPECIFIED</p> <p>Distance: 140 m W Permit: 254/H/37 Location: CAVITY 97, SALTHOLME BRINEFIELD, BILLINGHAM Receiving Water: UNDERGROUND STRATA Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 165 m SE Permit: 254/1118 Location: NORTH TEES WORKS JETTY NO 4, MIDDLESBROUGH Receiving Water: River Tees Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 04/07/2001 (Revoked) Details: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY</p> <p>Distance: 45 m W Permit: 254/H/40 Location: CAVITY 132, SALTHOLME BRINEFIELD, BILLINGHAM Receiving Water: UNDERGROUND STRATA Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES – UNSPECIFIED</p> <p>Distance: 145 m W Permit: 254/H/35 Location: CAVITY 82, SALTHOLME BRINEFIELD, BILLINGHAM Receiving Water: UNDERGROUND STRATA</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 160 m SE Permit: 25/04/1686 Location: NORTH TEES WORKS JETTY NO 4, MIDDLESBROUGH Receiving Water: RIVER TEES (SALINE ESTUARY)</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 30/01/2006 (Revoked) Details: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY</p> <p>Distance: 150 m W Permit: 254/H/34 Location: CAVITY 73, SALTHOLME BRINEFIELD, BILLINGHAM Receiving Water: UNDERGROUND STRATA</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 160 m SE</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit: 254/X/0617 Location: NORTH TEES WORKS JETTY NO 4, MIDDLESBROUGH Receiving Water: River Tees Status: TRANSFERRED FROM COPA 1974 Date: 05/10/1992 (Revoked) Details: Unspecified</p> <p>Distance: 80 m SE Permit: 254/B/0289 Location: NORTH TEES WORKS, AMMONIA STORAGE A, BILLINGHAM Receiving Water: Tees Status: REVOKED - UNSPECIFIED Date: 10/02/1995 (Revoked) Details: SEWAGE & TRADE COMBINED – UNSPECIFIED</p> <p>2 No.: Distance: 140 m SE Permit: 254/1117 Location: NORTH TEES WORKS JETTY NO 3, MIDDLESBROUGH Receiving Water: River Tees Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Date: 01/02/2006 (Revoked) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit: 254/X/0616 Distance: 140 m SE Location: NORTH TEES WORKS JETTY NO 3, MIDDLESBROUGH Receiving Water: River Tees Status: TRANSFERRED FROM COPA 1974 Date: 05/10/1992 (Revoked) Details: UNSPECIFIED</p> <p>Distance: 95 m SE Permit: 254/B/0290 Location: NORTH TEES OIL REFINERY, PORT CLARENCE Receiving Water: Tees Status: REVOKED - UNSPECIFIED Date: 30/06/1993 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>2 No.: Distance: 35 m S Permit: 254/D/0044 Location: PHILLIPS - IMPERIAL PETROLEUM LTD, SALTHOLME PORT CLARENCE Receiving Water: HOLME FLEET, TRIBUTARY OF Status: REVOKED - UNSPECIFIED</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Date: 22/04/1983 (Revoked) Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY; and SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 35 m S Permit: 254/C/0211 Location: SALTHOLME FARM, PORT CLARENCE Receiving Water: TEES, TRIBUTARY OF Status: REVOKED - UNSPECIFIED</p> <p>Date: 02/04/1993 (Revoked) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>2 No.: Distance: 120 m SW Permit: 254/A/0583 Location: NO 3 BRINEFIELD SITE, SALTHOLME Receiving Water: TEES, TRIBUTARY OF Status: TRANSFERRED FROM R(PP)A 1951-1961 Date: 04/01/1980 (Effective) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY; SEWAGE & TRADE COMBINED - UNSPECIFIED</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 125 m SW Permit: 254/A/0582 Location: NO 4 BRINEFIELD SITE, SALTHOLME Receiving Water: GREATHAM CREEK, TRIBUTARY OF Status: TRANSFERRED FROM R(PP)A 1951-1961 Date: 21/11/1979 (Effective) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 200 m E Permit: 254/B/0212 Location: AMMONIA STORAGE AREA, NORTH TEES WO, BILLINGHAM Receiving Water: TEES Status: REVOKED - UNSPECIFIED Date: 21/04/1983 (Revoked) Details: SEWAGE & TRADE COMBINED - UNSPECIFIED</p> <p>Distance: 200 m S Permit: 254/X/0615 Location: NORTH TEES WORKS JETTY NO 2, MIDDLESBROUGH Receiving Water: River Tees Status: TRANSFERRED FROM COPA 1974 Date: 05/10/1992 (Revoked) Details: UNSPECIFIED</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 200 m S Permit: 25/04/1685 Location: NORTH TEES WORKS JETTY NO 2, MIDDLESBROUGH Receiving Water: RIVER TEES (SALINE ESTUARY) Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 30/01/2006 (Revoked) Details: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY</p> <p>2 No.:</p> <p>Distance: 200 m S Permit: 254/1116 Location: NORTH TEES WORKS JETTY NO 2, MIDDLESBROUGH Receiving Water: River Tees Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Date: 04/07/2001 (Most Recent Revoked) Details: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY</p> <p>Distance: 245 m S Permit: 254/E/0376 Location: OIL DISTILLATION PLANT, NORTH TEES, STOCKTON Receiving Water: Tees</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 30/01/1997 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 245 m W Permit: 254/H/28 Location: CAVITY 74/85, SALTHOLME BRINEFIELD, BILLINGHAM Receiving Water: Underground Strata</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 245 m W Permit: 254/H/27 Location: CAVITY 74/85, SALTHOLME BRINEFIELD, BILLINGHAM Receiving Water: Underground Strata</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 28/02/1991 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 245 m SE</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Permit: 254/0987 Location: VINYL CHLORIDE HANDLING & STORAGE F, SEAL SANDS MIDDLESBROUGH Receiving Water: River Tees Status: REVOKED - UNSPECIFIED Date: 04/09/1992 (Revoked) Details: TRADE DISCHARGES - SITE DRAINAGE</p> <p>Distance: 245 m SE Permit: 254/1141 Location: VINYL CHLORIDE HANDLING & STORAGE F, SEAL SANDS MIDDLESBROUGH Receiving Water: River Tees Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Date: 04/09/1992 (Effective) Details: TRADE DISCHARGES - SITE DRAINAGE</p> <p>2 No.: Distance: 235 m SE Permit: 25/04/1597 Location: VOPAK, HARTLEPOOL Receiving Water: THE RIVER TEES</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995); and MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995)</p> <p>Date: 09/05/2003 (Revoked for Modified Status); and 31/03/2003 (Revoked for New Consent Status)</p> <p>Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>5 No.:</p> <p>Distance: 235 m SE</p> <p>Permit: 254/1365</p> <p>Location: VOPAK, HARTLEPOOL</p> <p>Receiving Water: River Tees</p> <p>Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88)</p> <p>Date: 14/02/2000 (Most Recent Revoked)</p> <p>Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 245 m SE</p> <p>Permit: 25/04/1597</p> <p>Location: Vopak, Hartlepool</p> <p>Receiving Water: River Tees</p> <p>Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)</p> <p>Date: 31/03/2003 (Revoked)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>Distance: 235 m SE Permit: 254/0394 Location: TEES STORAGE COMPANY LTD, SEAL SAND, SEAL SANDS MIDDLESBROUGH Receiving Water: TEES Status: REVOKED – UNSPECIFIED Date: 28/04/1994 (Revoked) Details: TRADE DISCHARGES - UNSPECIFIED</p> <p>Distance: 235 m SE Permit: 254/B/0141 Location: TEES STORAGE COMPANY LTD, SEAL SAND, SEAL SANDS MIDDLESBROUGH Receiving Water: TEES Status: REVOKED – UNSPECIFIED Date: 18/08/1987 (Revoked) Details: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY</p> <p>62 No.: Distance: 215 m NW Permit: 25/04/1630</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: BRAN SANDS TREATMENT WORKS, WILTON, REDCAR & CLEVELAND Receiving Water: The Dabholm Gut Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995); MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995); and VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Date: 20/02/2002 (Most Recent New Consent Effective); 12/03/2002 (Most Recent Modified Effective); and 08/07/2002 (Most Recent Varied Effective) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY 8 No.:</p> <p>Distance: 215 m NE Permit: QR.25/04/1553 Location: BRAN SANDS TREATMENT PLANT, BRAN SANDS Receiving Water: The Dabholm Gut Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Date: 25/08/2000 (Most Recent Revoked) Details: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY; and TRADE DISCHARGES - UNSPECIFIED</p>
List 1 Dangerous Substances	<p>Location: Shanks And Mcewan Receiving Water: River Tees Substances: Mercury (other), Cadmium, 1,2-dichloroethane, Trichlorobenzene</p>	<p>Distance: 195 m E Location: Huntsmen Petrochemicals (uk) Ltd North Tees Seaton Rd Receiving Water: River Tees Substances: Mercury (other), Cadmium</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Status: Not Active</p> <p>Location: Lundbeck Pharmaceuticals Ltd, Middlesborough</p> <p>Receiving Water: River Tees</p> <p>Substances: -</p> <p>Status: Active</p>	<p>Status: Active</p> <p>Distance: 220 m NE</p> <p>Location: Bran Sands Stw</p> <p>Receiving Water: River Tees</p> <p>Substances: -</p> <p>Status: Not Active</p> <p>Distance: 60 m NE</p> <p>Location: Tioxide Europe Ltd, Greatham Creek, Hartlepool, TS25 2DD</p> <p>Receiving Water: Greatham Creek, River Tees</p> <p>Substances: Mercury (other), Cadmium, Hexachlorobenzene, 1,2-dichloroethane</p> <p>Status: Not Active</p> <p>Distance: 180 m NE</p> <p>Location: Tioxide Europe Ltd Greatham Works TS25 2DD</p> <p>Receiving Water: Greatham Creek, River Tees</p> <p>Substances: Mercury (other), Cadmium, Hexachlorobenzene, 1,2-dichloroethane</p> <p>Status: Active</p> <p>Distance: 140 m SW</p> <p>Location: Johnson Matthey Plc, TS23 1PS</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Receiving Water: River Tees Substances: Mercury (other), Cadmium Status: Not Active</p> <p>Distance: 150 m SW Location: Lucite International Uk Ltd Billingham TS23 1PR Receiving Water: River Tees Substances: Mercury (other) Status: Active</p>
List 2 Dangerous Substances	<p>Location: Shanks And Mcewan At Seal Sands Chemicals Receiving Water: North Sea Substances: Benzene, Toluene Status: Not Active</p> <p>Location: Dow Chemical Company Ltd, TS2 1UD Receiving Water: North Sea Substances: Cyanide Status: Active</p>	<p>Distance: 220 m SE Location: Tees Storage Co Seal Sands Receiving Water: River Tees Substances: Cyanide, Xylene Status: Not Active</p> <p>Distance: 70 m NE Location: Tioxide Europe Ltd, TS25 2DD Receiving Water: North Sea Substances: Iron, Nickel, Vanadium Status: Active</p> <p>Distance: 190 m NE Location: Tioxide Europe Ltd Greatham Works TS25 2DD Receiving Water: Greatham Creek</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Substances: Arsenic, Copper, Iron, Lead, Nickel, Vanadium, Zinc Status: Active</p> <p>Distance: 15 m N Location: Mdh Tanker Cleaning Services Ltd Receiving Water: Unknown Substances: Zinc, Benzene, Toluene, Xylene Status: Not Active</p> <p>Distance: 55 m NW Location: Mdh Tank Cleaning Service (uk) Ltd Receiving Water: Unknown Substances: Zinc, Benzene, Toluene, Xylene Status: Not Active</p>
Pollutant Release to Public Sewer	-	<p>Distance: 40 m NW Permission Number: BH0160 Location: ONYX TOTAL WASTE MANAGEMENT, NEW ROAD, NEW ROAD, BILLINGHAM, STOCKTON ON TEES, TS23 1QP Date: 01/01/2018 Status: Received</p> <p>Distance: 145 m S Permission Number: AH7798</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: CLEVELAND COUNTY COUNCIL, COWPEN BEWLEY LANDFILL SITE, SEAL SANDS RELIEF ROAD, COWPEN BEWLEY, BILLINGHAM, CLEVELAND, TS23 4HS Date: 01/01/2018 Status: Dead (Application)</p>
<p>Pollutant Release to Surface Waters Red List</p>	<p>Permit Number: 254/1530 Location: SHANKS & MCEWAN (SOUTHERN WASTE), SEAL SANDS CHEMICALS LTD, MIDDLESBROUGH Description: Basic Industrial Chemicals Organic Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)</p>	<p>-</p>
<p>Pollution Incidents</p>	<p>-</p>	<p>Distance: 80 m N Incident ID: 65730 Date: 21/03/2002 Air Category: 3 (Minor) Land Category: 4 (No Impact) Water Category: 3 (Minor) Pollutant Type: Organic Chemicals/Products Pollutant: Firefighting Run Off: Hydrocarbons</p> <p>Distance: 30 m W Incident ID: 188412 Date: 08/09/2003</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Inorganic Chemicals/Products Pollutant: Acids</p> <p>Distance: 25 m NW Incident ID: 19243 Date: 26/07/2001 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 3 (Minor) Pollutant Type: Other Pollutant Pollutant: Other</p> <p>Distance: 235 m NW Incident ID: 35436 Date: 09/10/2001 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 4 (No impact) Pollutant Type: Inorganic Chemicals/Products Pollutant: Ammonia Solutions</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 30 m E Incident ID: 42764 Date: 14/11/2001 Air Category: 3 (Minor) Land Category: 2 (Significant) Water Category: 3 (Minor) Pollutant Type: Organic Chemicals/Products Pollutant: Other Organic Chemical or Product</p> <p>Distance: 100 m N Incident ID: 93183 Date: 20/07/2002 Air Category: 4 (No Impact) Land Category: 3 (Minor) Water Category: 3 (Minor) Pollutant Type: Inorganic Chemicals/Products Pollutant: Other Inorganic Chemical or Product</p> <p>Distance: 245 m W Incident ID: 1559290 Date: 04/10/2017 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 2 (Significant)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Pollutant Type: Oils and Fuel Pollutant: Mixed/Waste Oils</p> <p>Distance: 125 m SW Incident ID: 148238 Date: 03/04/2003 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 3 (Minor) Pollutant Type: Oils and Fuel Pollutant: Diesel</p> <p>Distance: 85 m N Incident ID: 179921 Date: 07/08/2003 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 4 (No Impact) Pollutant Type: Sewage Materials Pollutant: Crude Sewage</p> <p>Distance: 70 m NW Incident ID: 16520 Date: 15/07/2001</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 3 (Minor) Pollutant Type: Inorganic Chemicals/Products Pollutant: Acids</p> <p>Distance: 225 m E Incident ID: 49197 Date: 20/12/2001 Air Category: 4 (No Impact) Land Category: 4 (No Impact) Water Category: 3 (Minor) Pollutant Type: Inorganic Chemicals/Products Pollutant: Acids</p>
Pollution Inventory Substances	-	<p>3 No. Distance: 210 m W Operator: Vertellus Specialities UK Limited Location: Seal Sands Road Seal Sands Cleveland Activity: Organic Chemicals; Hydrocarbons e.g. Aromatics Regulated Industry Sector/Sub Sector: Chemicals</p> <p>2 No. Distance: 190 m NW Operator: Greenergy Biofuels Teesside Limited</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: Seal Sands Terminal (South Site) Seal Sands Cleveland Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols Regulated Industry Sector/Sub Sector: Chemicals</p> <p>2 No. Distance: 95 m NE Operator: Navigator Terminals North Tees Limited</p> <p>Location: Sabic North Tees Storage North Tees Site Seaton Road Port Clarence Cleveland Activity: Loading / Storage / Treatment etc of Crude Oil Regulated Industry Sector/Sub Sector: Refineries & Fuel</p> <p>5 No. Distance: 95 m NE Operator: Sabic UK Petrochemicals Limited</p> <p>Location: Sabic North Tees Storage North Tees Site Seaton Road Port Clarence Cleveland Activity: Combustion; Any Fuel =>50MW. Organic Chemicals; Hydrocarbons e.g. Aromatics Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance: 210 m E Operator: BOC Limited</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: NORTH TEES WORKS PORT CLARENCE BOC Hydrogen Plant CLEVELAND Activity: Inorganic Chemicals; Gases e.g. Ammonia Regulated Industry Sector/Sub Sector:</p> <p>5 No. Distance: 230 m NE Operator: Augean North Limited</p> <p>Location: Port Clarence Non-Hazardous Landfill Site Huntsman Drive Stockton on Tees Cleveland Activity: Waste Landfilling; >10 T/D with capacity >25,000T excluding inert waste Regulated Industry Sector/Sub Sector: Non Hazardous Landfill</p> <p>Distance: 125 m E Operator: Sabic UK Petrochemicals</p> <p>Location: Teesside Cavity Storage c/o Huntsman North Tees Huntsman Drive Port Clarence Cleveland Activity: Loading / Treatment / Storage of Crude Oil Regulated Industry Sector/Sub Sector: Refineries & Fuel</p> <p>11 No. Distance: 180 m NE Operator: Venator Materials UK Limited</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: Greatham Works Tees Road Activity: Inorganic Chemicals; Non-Metals e.g. Calcium Carbide Regulated Industry Sector/Sub Sector: Chemicals</p> <p>1 No. Distance: 180 m NE Operator: Anglian Water Services Ltd Location: Greatham Works Tees Road Activity: Inorganic Chemicals; Non-Metals e.g. Calcium Carbide Regulated Industry Sector/Sub Sector: Chemicals</p> <p>3 No. Distance: 90 m N Operator: Marlow Foods Ltd Location: Marlow Foods Limited Belasis East Site Nelson Avenue Cleveland Activity: Disposal of >50 T/D Non-Hazardous Waste (>100 T/D If Only AD) Involving Biological Treatment Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance: 70 m W Operator: Veolia Energy and Utility Services UK Plc Location: Billingham Fertiliser Works Terra Production Centre Billingham Stockton County Durham</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Activity: Combustion; Any Fuel =>50MW Regulated Industry Sector/Sub Sector: Chemicals</p> <p>17 No. Distance: 110 m SW Operator: Mitsubishi Chemicals UK Ltd Location: Cassel Works New Road Cleveland Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols Regulated Industry Sector/Sub Sector: Chemicals</p>
<p>Pollution Inventory Waste Transfer</p>	<p>-</p>	<p>Distance: 210 m W Operator: Vertellus Specialities UK Limited Location: Seal Sands Road Seal Sands Cleveland Activity: Organic Chemicals; Hydrocarbons e.g. Aromatics Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance: 190 m NW Operator: Greenergy Biofuels Teesside Limited Location: Seal Sands Terminal (South Site) Seal Sands Cleveland Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols Regulated Industry Sector/Sub Sector: Chemicals</p> <p>3 No. Distance: 95 m NE Operator: Sabic UK Petrochemicals Limited</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: Sabic North Tees Storage North Tees Site Seaton Road Port Clarence Cleveland Activity: Combustion; Any Fuel =>50MW. Organic Chemicals; Hydrocarbons e.g. Aromatics. Loading / Storage / Treatment of Crude Oil. Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance: 210 m E Operator: BOC Limited</p> <p>Location: NORTH TEES WORKS PORT CLARENCE BOC Hydrogen Plant CLEVELAND Activity: Inorganic Chemicals; Gases e.g. Ammonia Regulated Industry Sector/Sub Sector:</p> <p>Distance: 230 m NE Operator: Augean North Limited</p> <p>Location: Port Clarence Non-Hazardous Landfill Site Huntsman Drive Stockton on Tees Cleveland Activity: Waste Landfilling; >10 T/D with capacity >25,000T excluding inert waste Regulated Industry Sector/Sub Sector: Non Hazardous Landfill</p> <p>Distance: 125 m E Operator: Sabic UK Petrochemicals</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Location: Teesside Cavity Storage c/o Huntsman North Tees Huntsman Drive Port Clarence Cleveland Activity: Loading / Treatment / Storage of Crude Oil Regulated Industry Sector/Sub Sector: Refineries & Fuel</p> <p>Distance: 180 m NE Operator: Venator Materials UK Limited Location: Greatham Works Tees Road Activity: Inorganic Chemicals; Non-Metals e.g. Calcium Carbide Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance: 90 m N Operator: Marlow Foods Ltd Location: Marlow Foods Limited Belasis East Site Nelson Avenue Cleveland Activity: Disposal of >50 T/D Non-Hazardous Waste (>100 T/D If Only AD) Involving Biological Treatment Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance: 70 m W Operator: Veolia Energy and Utility Services UK Plc Location: Billingham Fertiliser Works Terra Production Centre Billingham Stockton County Durham Activity: Combustion; Any Fuel =>50MW</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Regulated Industry Sector/Sub Sector: Chemicals</p> <p>Distance:</p> <p>Operator: Rapier Energy Limited</p> <p>Location: Billingham Treatment Plant New Road Billingham Cleveland</p> <p>Activity: Disposal or Recovery of Hazardous Waste with a Capacity Exceeding 10 Tonnes Per Day Involving Physio-Chemical Treatment</p> <p>Regulated Industry Sector/Sub Sector: Hazardous Waste</p> <p>Distance: 110 m SW</p> <p>Operator: Mitsubishi Chemicals UK Ltd</p> <p>Location: Cassel Works New Road Cleveland</p> <p>Activity: Organic Chemicals; Oxygen Containing Compounds e.g. Alcohols</p> <p>Regulated Industry Sector/Sub Sector: Chemicals</p>
Hydrogen Pipeline Corridor – South of River Tees		
Control of Major Accident Hazards (COMAH)	<p>Current</p> <p>Name: South Tees Site Company Limited</p> <p>Location: South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW</p> <p>Hazardous Substance: Unknown</p> <p>Date: -</p> <p>Tier: Upper Tier Operator</p>	-

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Name: Ensus UK Limited Location: Ensus UK Limited, Wilton, Middleway, Wilton International, Middlesbrough, Cleveland, TS10 4WS Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Huntsman Polyurethanes (UK) Limited Location: Huntsman Polyurethanes (UK) Limited, Polyurethanes Area, PO Box 54, Middlesbrough, Cleveland, TS90 8JA Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: SABIC UK Petrochemicals Limited Location: SABIC UK Petrochemicals Limited, Olefins Manufacturing, Olefins Offices, PO Box 99, Redcar, Cleveland, TS10 4RG Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Historical Name: Sahaviriya Steel Industries Uk Limited Location: Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW</p>	

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
	<p>Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: British Steel CorporationLtd(bsc) Location: British Steel Corporation Ltd (bsc), Redcar Works, Redcar Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p> <p>Name: Sabic Uk Petrochemicals Limited Location: Sabic Uk Petrochemicals Limited, Teesport, Grangetown, Teesport Storage, Middlesbrough, Cleveland, TS6 6UE Hazardous Substance: Unknown Date: - Tier: Upper Tier Operator</p> <p>Name: Sabic Uk Petrochemicals Limited Location: Sabic Uk Petrochemicals Limited, Low Density Polyethylene, Po Box 99, Redcar, Cleveland, TS10 4YA Hazardous Substance: Unknown Date: - Tier: Historical NIHHS Site</p>	

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
<p>Hazardous Substance Storage / Usage</p>	<p>-</p>	<p>Distance: 220 m NW Reference: No Details Location: Dow (Wilton) Ltd, PO Box 1990, Wilton, Redcar, Redcar and Cleveland Borough Council, England, TS10 4RG Date: - Application Status: Approved Details: No Details</p> <p>Distance: 230 m E Reference: R/1999/0746/HD Location: British Steel Ltd, Teesside Site, Steel House, Redcar, TS10 5QW Date: 20/10/1999 Application Status: Historical Consent Details: Hazardous Substances application. No Enforcements Notified.</p> <p>Distance: 30 m SE Reference: R/2014/0440/HD Location: Sabic UK Petrochemicals, Central Control, Wilton International, Redcar, TS10 4RF Date: 09/07/2014 Application Status: Historical Consent Details: Hazardous Substances Consent application for the storage of butadiene.</p> <p>Distance: 200 m E</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Reference: R/2011/0798/HD Location: SABIC UK Petrochemicals, Olefins Offices, PO Box 99, Wilton, Redcar, Redcar and Cleveland Borough Council, England, TS10 4RG Date: 04/11/2011 Application Status: Approved Details: Paraxylene storage. No Enforcements Notified.</p> <p>Distance: 45 m W Reference: R/2009/0606/HD Location: Air Products plc c/o Invista Nylon Site, Wilton International, Middlesbrough, Redcar and Cleveland Borough Council, England, TS6 7SD Date: 16/09/2009 Application Status: Approved Details: Storage of hydrogen. No Enforcements Notified.</p>
Historical Licensed Industrial Activities (ICP)	-	<p>11 No.: Distance: 65 m N Name: Sembcorp Utilities (UK) Ltd Location: SutI Power Station, PO Box 1985, Wilton, Middlesbrough, Cleveland, TS90 8WS Date: 5-11-2004 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Combustion Processes</p> <p>6 No.:</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Distance: 140 m W Name: Ineos Chlor Ltd Location: Edc Plant, Bain Offices, PO Box 54, Middlesbrough, Cleveland, TS90 8JA Date: 17-7-2000 (most Recent Effective) Status: Revoked Details: Petrochemical Processes</p> <p>12 No.: Distance: 135 m N Name: Artenius UK Ltd Location: Pta Plant, Davies Office, Wilton Site, Middlesbrough, Cleveland, TS90 8JW Date: 12-6-2000 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Manufacture And Use Of Organic Chemicals</p> <p>11 No.: Distance: 120 m SE Name: Sabic UK Petrochemicals Location: Olefins, PO Box 99, Wilton Site, Redcar, TS10 4YA Date: 11-2-2002 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Petrochemical Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>1 No.:</p> <p>Distance: 25 m S</p> <p>Name: Ici Chemicals and Polymers Ltd</p> <p>Location: Inters 2, Nylon Production Area, Wilton Site, Middlesbrough, Cleveland, TS6 8JA</p> <p>Date: 17-7-1992 (Effective)</p> <p>Status: Surrendered</p> <p>Details: Inorganic Chemical Processes</p> <p>10 No.:</p> <p>Distance: 105 m NW</p> <p>Name: Dow (wilton) Ltd</p> <p>Location: Eo Plant, PO Box 1990, Wilton, Redcar, TS10 4YF</p> <p>Date: 1-12-1999 (Most Recent Effective)</p> <p>Status: Revoked (Now IPPC)</p> <p>Details: Petrochemical Processes</p> <p>8 No.</p> <p>Distance: 205 m SW</p> <p>Name: Dow (wilton) Ltd</p> <p>Location: PO Box 1990, Wilton, Redcar, TS10 4YF</p> <p>Date: 30-11-1998 (Most Recent Effective)</p> <p>Status: Revoked</p> <p>Details: Petrochemical Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>5 No. Distance: 115 m SE Name: Huntsman Polyurethanes (UK) Ltd Location: Nitrobenzene Plant, PO Box 99, Wilton Site, Middlesbrough, Cleveland, TS10 4YA Date: 31-1-2003 (Most Recent Effective) Status: Revoked (Now IPPC) Details: Acid Processes</p> <p>5 No. Distance: 200 m E Name: Corus UK Ltd Location: General Steels, Teesside Works, Steel House, Redcar, Cleveland, TS10 5QW Date: 22/11/1994 (Most Recent Effective) Status: Revoked Details: Combustion Processes</p> <p>36 No. Distance: 200 m E Name: Corus UK Ltd Location: Redcar Sinter Plant, Steel House, Redcar, Cleveland, TS10 5QW Date: 09/03/2004 (Most Recent Effective) Status: Revoked – Now IPCC Details: Carbonisation And Associated Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>24 No. Distance: 200 m E Name: Corus UK Ltd Location: Teesside Works, Redcar, Cleveland, TS10 5QW Date: 27/04/2004 (Most Recent Effective) Status: Revoked – Now IPCC Details: Iron And Steel</p> <p>8 No. Distance: 200 m SE Name: Sabic UK Petrochemicals Location: Aromatics Business (paraxylene), Wilton Site, Middlesbrough, TS90 8JE Date: 20/12/1999 (Most Recent Effective) Status: Revoked – Now IPCC Details: Petroleum Processes</p>
Historical Licensed Industrial Activities (Part A1)	-	<p>3 No.: Distance: 80 m W Operator: REDCAR BULK TERMINAL LTD Installation Name: TEESIDE INTEGRATED IRON & STEELWORKS EPR/QP3338HU Date: 28/08/2018 (All Activities Effective) Status: Effective (All)</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>Activity: Other Mineral Activities; Loading Etc Coal Etc (Except On Retail Sale) (Unless Exempt Location); Other Mineral Activities; Screening Etc Coal Etc (Unless Exempt Location); Ferrous Metals; Handling Etc >500,000 Tonnes/12 Months</p> <p>3 No. Distance: 100 m W Operator: Northumbrian Water Ltd Installation Name: BRAN SANDS REGIONAL SLUDGE TREATMENT CENTRE Date: 29/09/2006 (Effective) Status: Superseded Activities: FUEL FROM WASTE; MAKING SOLID FUEL FROM WASTE BY USING HEAT (EXCEPT CHARCOAL) / OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D / COMBUSTION; WASTE DERIVED FUEL =>3MW BUT <50MW</p> <p>2 No.: Distance: 120 m N Operator: British Steel Limited Installation Name: Teesside Integrated Iron & Steelworks EPR/VP3839DA and Teesside Beam Mill EPR/VP3839DA Date: 19/12/2018 (most Recent Effective) Status: Superseded Activity: Associated Processes</p>

RELEVANT FEATURE	ONSITE	OFFSITE (<250 m)
		<p>15 No. Distance: 65 m NW Operator: SEMBCORP UTILITIES (UK) LTD Installation Name: WILTON POWER STATION EPR/NP3438LK Date: 21/05/2020 (Most Recent Effective) Status: Effective Activities: Combustion; Any Fuel =>50mw / Associated Process / Other Mineral Activities; Loading, Unloading, Or Storing Pulverised Fuel Ash In Bulk Prior To Further Transportation In Bulk</p> <p>4 No. Effective (18No. Superseded) Distance: 20 m W Operator: Northumbrian Water Ltd Installation Name: Industrial Effluent Treatment Works Date: 30/01/2020 Status: Effective Activities: (Effective Only): Disposal Of > 50 T/D Non-Hazardous Waste (> 100 T/D If Only Ad) Involving Biological Treatment; Disposal Or Recovery Of Hazardous Waste With A Capacity Exceeding 10 Tonnes Per Day Involving Biological Treatment; Temporary Storage Of Haz Waste; Disposal Of > 50 T/D Non-Hazardous Waste (> 100 T/D If Only Ad) Involving Biological Treatment.</p> <p>2 No. Distance: 35 m W</p>