

© Crown Copyright. All Rights Reserved. License Number 100022432.



Groundwater Vulnerability

General

- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Bedrock Aquifers

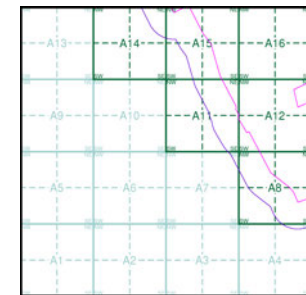
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

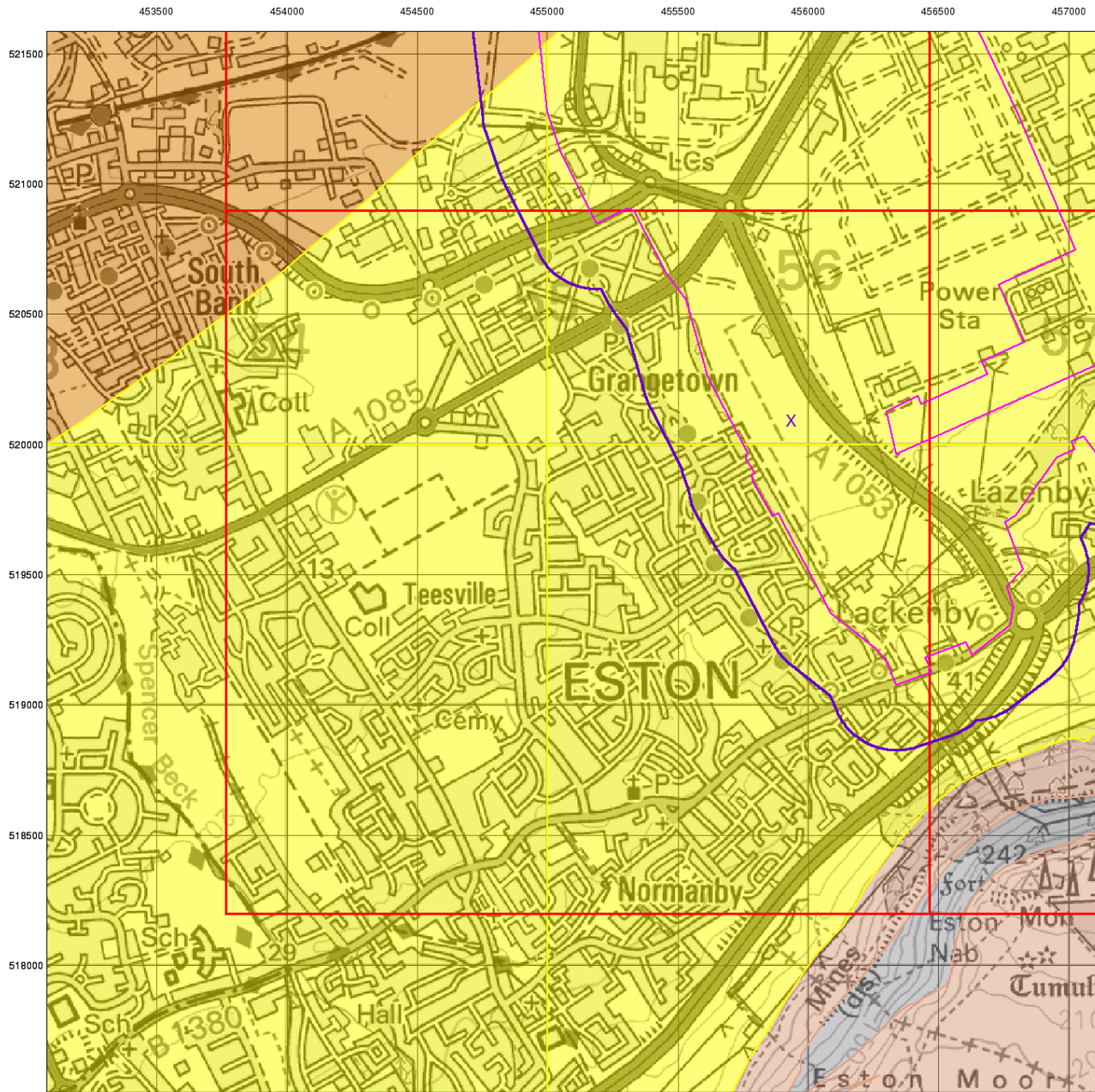
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



© Crown Copyright. All Rights Reserved. License Number 100022432.

0 1 km



Bedrock Aquifer Designation

General

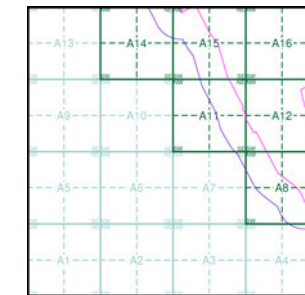
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

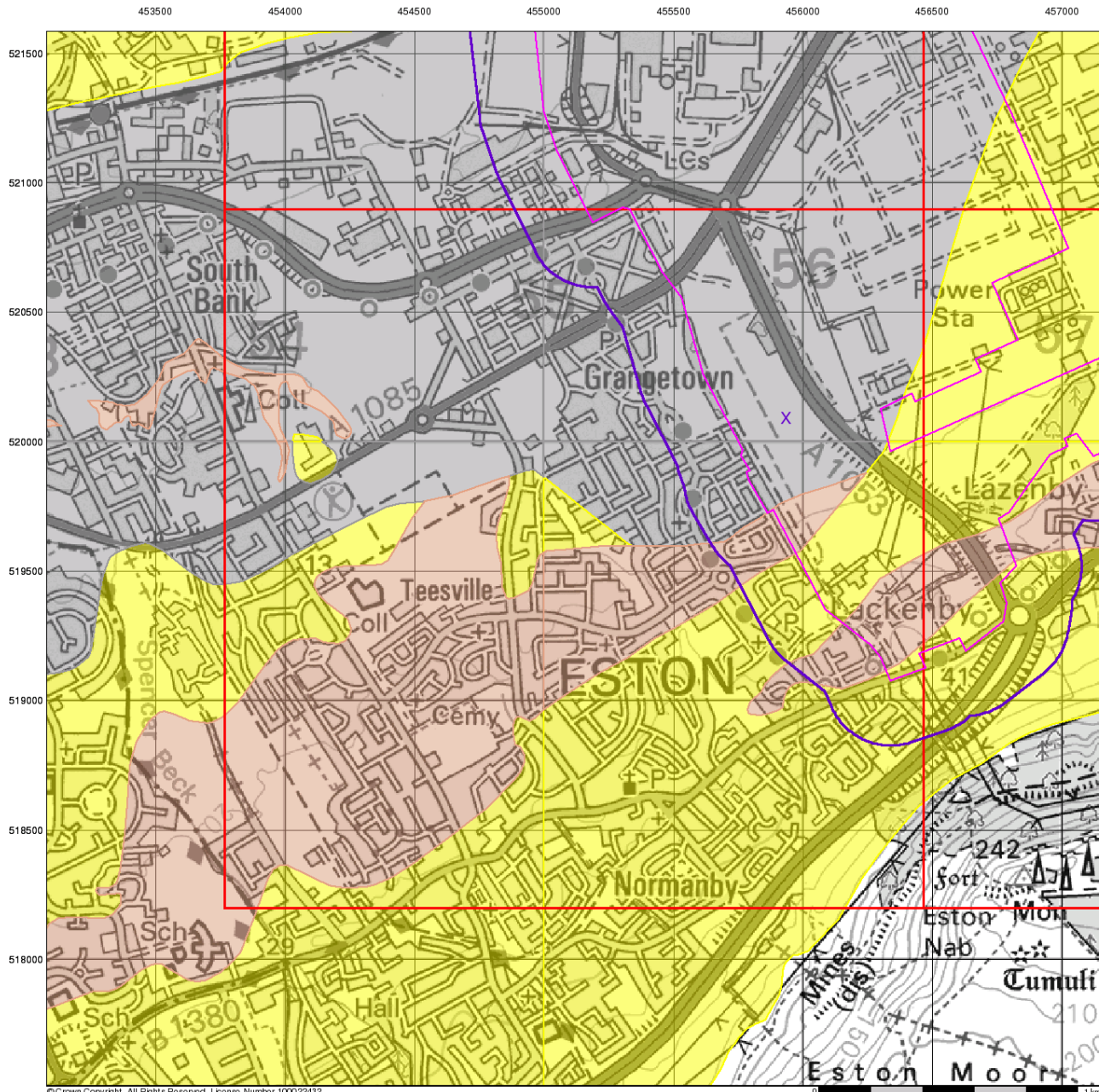
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



© Crown Copyright. All Rights Reserved. License Number 100022432.



Superficial Aquifer Designation

General

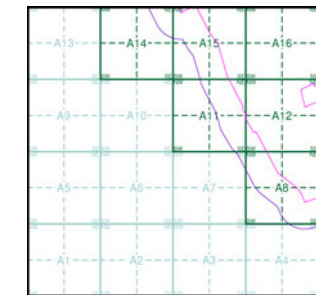
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

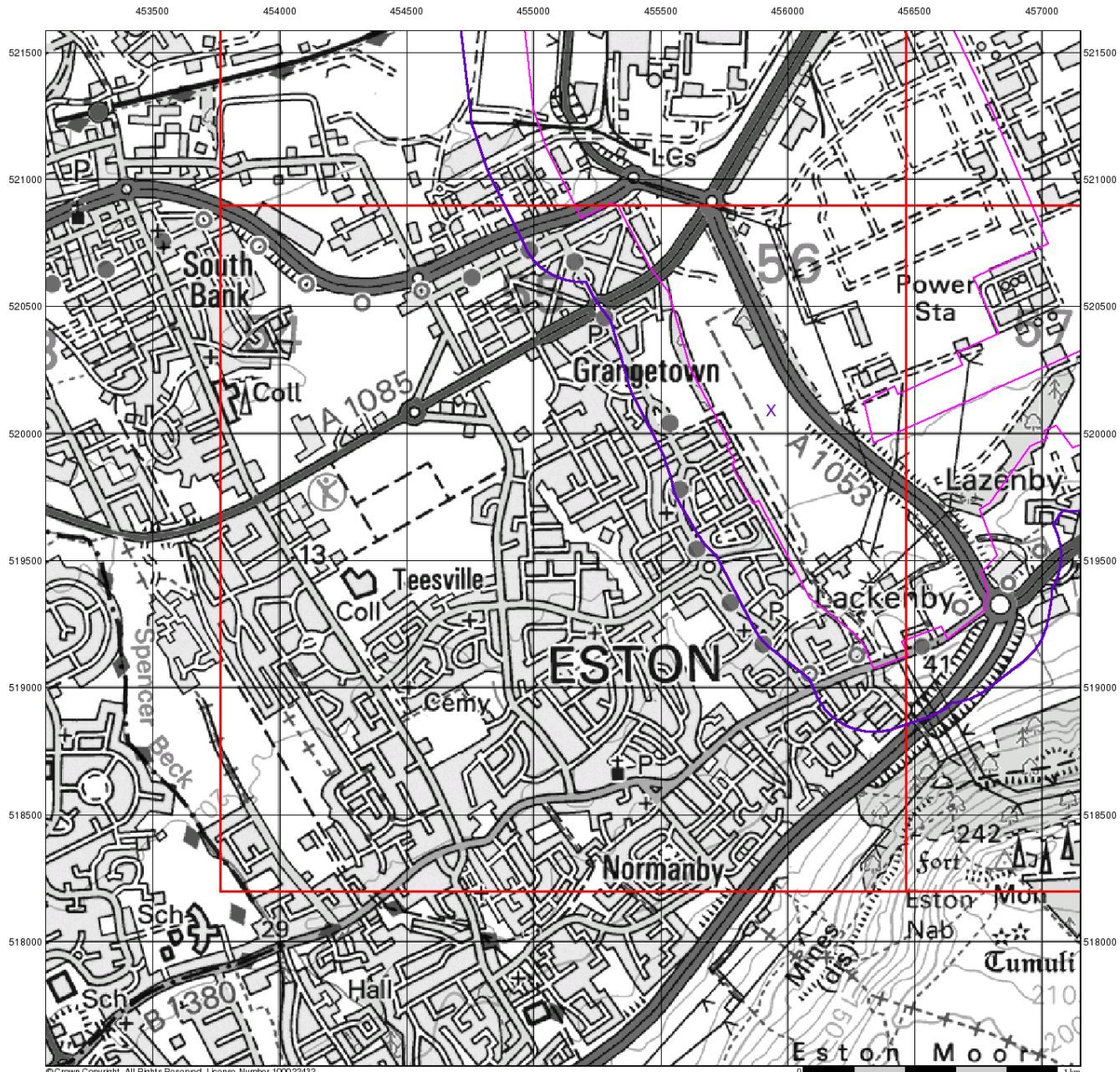
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted]



© Crown Copyright. All Rights Reserved. License Number 100022432.



Source Protection Zones

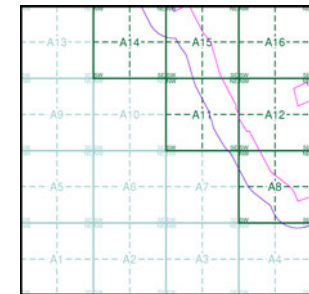
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

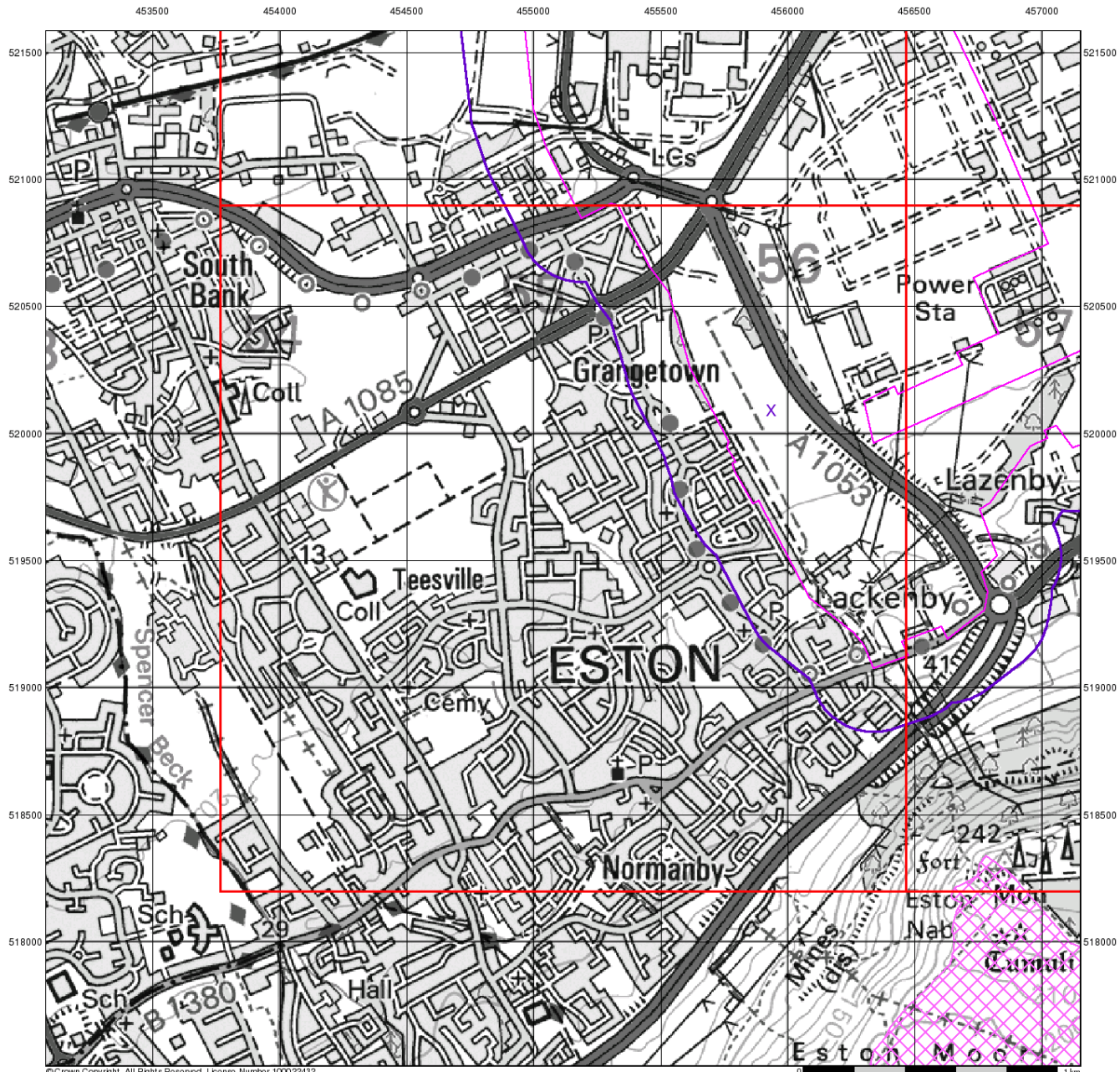
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].uk



© Crown Copyright. All Rights Reserved. License Number 100022432.



Sensitive Land Uses

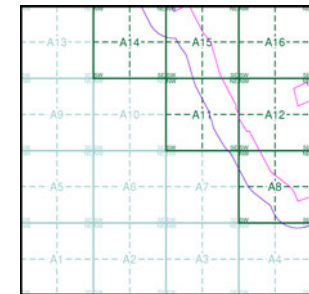
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- | | |
|------------------------------------|-------------------------------------|
| Ancient Woodland | National Park |
| Area of Adopted Green Belt | Nitrate Sensitive Area |
| Area of Unadopted Green Belt | Nitrate Vulnerable Zone |
| Area of Outstanding Natural Beauty | Ramsar Site |
| Environmentally Sensitive Area | Site of Special Scientific Interest |
| Forest Park | Special Area of Conservation |
| Local Nature Reserve | Special Protection Area |
| Marine Nature Reserve | World Heritage Sites |
| National Nature Reserve | |

Site Sensitivity Context Map - Slice A



Order Details

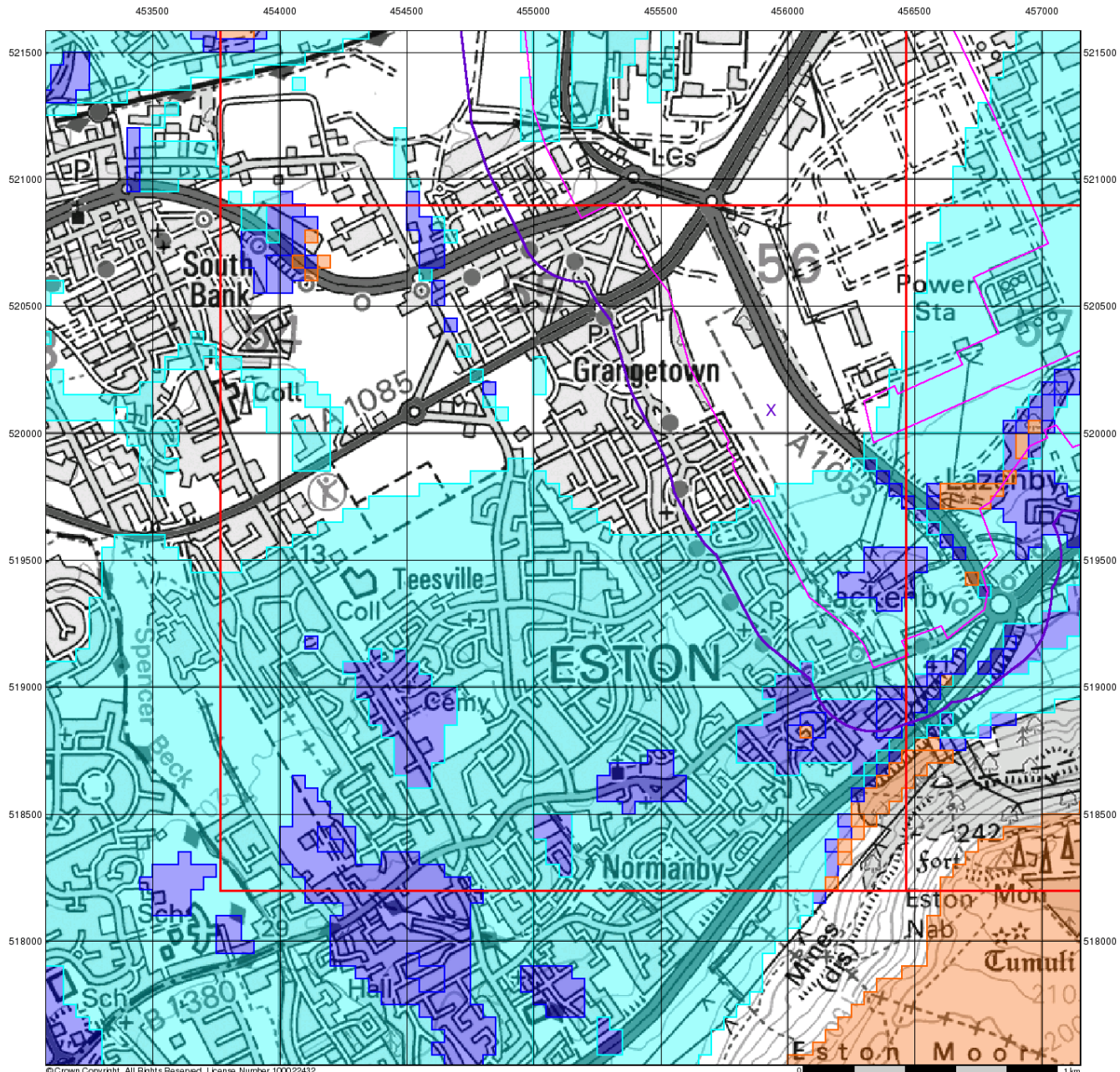
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



© Crown Copyright. All Rights Reserved. License Number 100022432.



BGS Flood GFS Data

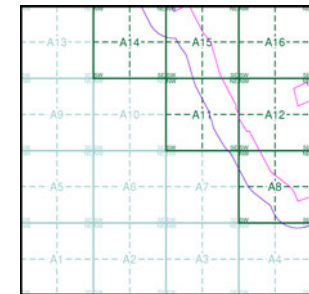
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

218629437_1_1

Customer Reference:

60559231/Teesside Clean Gas

National Grid Reference:

455940, 520090

Slice:

A

Site Area (Ha):

1523.9

Search Buffer (m):

250

Site Details:

Teesside Clean Gas Project 2 of 2

Client Details:

Mr R Addison

AECOM Ltd

1st Floor, One Trinity Gardens

Broad Chare

Newcastle Upon Tyne

NE1 2HF

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	21
Industrial Land Use	25
Sensitive Land Use	-
Data Currency	32
Data Suppliers	37
Useful Contacts	38

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Copyright Notice

© Landmark Information Group Limited 2019. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report. © Environment Agency & United Kingdom Research and Innovation 2019. © Natural Resources Wales & United Kingdom Research and Innovation 2019.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

Ove Arup Copyright Notice

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2019. Land & Property Services © Crown copyright and database right.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 3	4	
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls	pg 4	4	
Integrated Pollution Prevention And Control	pg 4	7	
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature		Yes	
Pollution Incidents to Controlled Waters	pg 6	1	1
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances	pg 6	5	
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 7	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a
Superficial Aquifer Designations	pg 13	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 13	38	

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites	pg 18	3	
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)	pg 18	2	
Licensed Waste Management Facilities (Locations)	pg 19	1	
Local Authority Landfill Coverage	pg 19	1	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)	pg 19	3	
Potentially Infilled Land (Water)	pg 19	5	5
Registered Landfill Sites	pg 20	1	
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Geological			
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a
BGS Estimated Soil Chemistry	pg 21	Yes	
BGS Recorded Mineral Sites	pg 21	4	
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability	pg 22	Yes	n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 22	Yes	
Potential for Compressible Ground Stability Hazards	pg 22	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 22	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 23	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
Industrial Land Use			
Contemporary Trade Directory Entries	pg 25	3	6
Fuel Station Entries			
Points of Interest - Commercial Services	pg 25		1
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production	pg 25	21	
Points of Interest - Public Infrastructure			
Points of Interest - Recreational and Environmental	pg 27		2
Gas Pipelines			
Underground Electrical Cables	pg 27	34	

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones			
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456750 519400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456500 519700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456550 519650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456900 520091
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456950 520091
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456950 520100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	457050 520100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (SE)	0	1	456300 519900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456850 520000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	456900 520000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456950 520000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SW (S)	0	1	455950 519800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (E)	0	1	456300 520000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	455000 521500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	455000 521150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (E)	0	1	456350 520091
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	455100 521150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456650 519550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456800 519750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	0	1	456350 519850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456750 519850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	456850 519850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456850 520050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	456900 520050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	456950 520050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	457000 520050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	456700 519450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	0	1	456300 519550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	0	1	456400 519800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456550 519800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	457000 520150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	457050 520200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SE)	0	1	456450 519750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456550 519750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	455500 521300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	1	456600 519600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	456600 519800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	0	1	457050 520150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	47	1	456550 519100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	78	1	456500 519050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (S)	78	1	456350 519000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	93	1	456850 519250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (SE)	105	1	456450 519000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	119	1	454100 521650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (S)	127	1	456050 519100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	129	1	456850 519200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	138	1	456800 519150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	142	1	456600 519050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	146	1	456750 519100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	217	1	456800 519050
1	Discharge Consents Operator: National Grid Electricity Transmissions Plc Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Lackenby 275kv Substation Lackenby Lane, Lackenby, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1942 Permit Version: 1 Effective Date: 16th April 2007 Issued Date: 16th April 2007 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Kettle Beck Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SE (SE)	0	2	456350 519810
1	Discharge Consents Operator: National Grid Electricity Transmissions Plc Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Lackenby 275kv Substation Lackenby Lane, Lackenby, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1942 Permit Version: 1 Effective Date: 16th April 2007 Issued Date: 16th April 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Kettle Beck Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SE (SE)	0	2	456350 519810
1	Discharge Consents Operator: National Grid Transco Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Lackenby 275kv Substation Lackenby Lane, Lackenby, Middlesbrough, Cleveland Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 25/04/1798 Permit Version: 1 Effective Date: 6th October 2004 Issued Date: 6th October 2004 Revocation Date: 16th April 2007 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed To Kettle Beck To Tees Status: Revoked: New Consent issued (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 10m	A12SE (SE)	0	2	456350 519810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Teesside Power Station Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Teesside Power Station Car Park, Grangetown Authority: Environment Agency, North East Region Catchment Area: Tees (Lower); Leven; Tame Reference: 254/1269 Permit Version: 1 Effective Date: 13th July 1993 Issued Date: 13th July 1993 Revocation Date: 19th November 1997 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Kettle Beck Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A12NE (E)	0	2	456200 520200
3	<p>Integrated Pollution Controls</p> <p>Name: Px Ltd Location: Teesside Power Station, Greystones Road, Middlesbrough, Cleveland, Ts6 8jf Authority: Environment Agency, North East Region Permit Reference: Br7429 Dated: 27th March 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (B) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A16NE (NE)	0	2	456219 520721
4	<p>Integrated Pollution Controls</p> <p>Name: Px Ltd Location: P O Box 29, Greystone Road, Grangetown, MIDDLESBROUGH, Cleveland, TS6 8YY Authority: Environment Agency, North East Region Permit Reference: BE0996 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (B) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location</p>	A12NW (E)	0	2	456108 520096
5	<p>Integrated Pollution Controls</p> <p>Name: Basell Polypropylene Ltd Location: Novolen Plant, Wilton Site, MIDDLESBROUGH, Cleveland, TS6 8YU Authority: Environment Agency, North East Region Permit Reference: BD8967 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A16NE (NE)	0	2	456391 520694
5	<p>Integrated Pollution Controls</p> <p>Name: Basell Polypropylene Ltd Location: Novolen Plant, Wilton Site, MIDDLESBROUGH, Cleveland, TS6 8YU Authority: Environment Agency, North East Region Permit Reference: AY2486 Dated: 2nd May 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location</p>	A16NE (NE)	0	2	456391 520694
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Gdf Suez Teesside Limited Location: Teesside Power Station Epr/Tp3935xx, Teesside Power Station, Greystone Road, Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: SP3232RL Original Permit Ref: Tp3935xx Effective Date: 1st January 2016 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Gdf Suez Teesside Limited Location: Teesside Power Station Epr/Tp3935xx, Teesside Power Station, Greystone Road,,Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: LP3538VA Original Permit Ref: Tp3935xx Effective Date: 7th April 2014 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Gdf Suez Teesside Limited Location: Teesside Power Station Epr/Tp3935xx, Teesside Power Station, Greystone Road,,Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: XP3337KZ Original Permit Ref: Tp3935xx Effective Date: 18th February 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Gdf Suez Teesside Limited Location: Greystone Road, Eston, Middlesbrough, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: TP3935XX Original Permit Ref: Tp3935xx Effective Date: 31st March 2008 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole without Fit and Proper Person Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Px Ltd Location: Teesside Power Station Epr/Wp3133lb, Teesside Power Station, Greystone Road,,Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: KP3130XR Original Permit Ref: Wp3133lb Effective Date: 23rd November 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Px Ltd Location: Teesside Power Station Epr/Wp3133lb, Teesside Power Station, Greystone Road,,Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: RP3834UY Original Permit Ref: Wp3133lb Effective Date: 28th June 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Prevention And Control</p> <p>Name: Gdf Suez Teesside Limited Location: Teesside Power Station, Teesside Power Station, Greystone Road,,Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: QP3333KJ Original Permit Ref: Tp3935xx Effective Date: Not Supplied Status: Application refused Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 1.1 A(1) (A) Activity Description: Combustion; Any Fuel Greater Or Equal To 50Mw Primary Activity: Y</p>	A12NE (E)	0	2	456309 520207
	<p>Nearest Surface Water Feature</p>	A16SE (NE)	0	-	456249 520284
7	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Power Generation/Distribution Location: None To Watercourse, LACKENBY Authority: Environment Agency, North East Region Pollutant: Oils - Other Oil Note: Pollution Found; No Fish Killed Incident Date: 23rd October 1996 Incident Reference: DD960327 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Groundwater Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	0	2	456300 519400
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Location: Unknown, Eversham Road, GRANGETOWN Authority: Environment Agency, North East Region Pollutant: Oils - Gas Oil Note: 3 Galleons Of Petrol And Solcon Enter Drain; No Pollution Found; No Fish Killed Incident Date: 10th September 1996 Incident Reference: DD960300 Catchment Area: Tees Downstream Skerne To North Sea Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A15SE (NW)	46	2	455500 520500
9	<p>Registered Radioactive Substances</p> <p>Name: Gdf Suez Teesside Ltd Location: Teesside Power Station, Greystone Road, Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: CD6489 Dated: 23rd September 2009 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Automatically positioned to the address</p>	A12NE (E)	0	2	456309 520207
9	<p>Registered Radioactive Substances</p> <p>Name: Gdf Suez Teesside Ltd Location: Greystone Road, Eston, Middlesbrough, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: CC0833 Dated: 1st April 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A12NE (E)	0	2	456309 520207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Registered Radioactive Substances</p> <p>Name: Gdf Suez Teesside Ltd Location: Greystone Road, Eston, Middlesbrough, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: CC2208 Dated: 1st April 2008 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p>	A12NE (E)	0	2	456309 520207
10	<p>Registered Radioactive Substances</p> <p>Name: Teesside Power Ltd Location: The Teesside Power Station, Greystone Road, Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: AV3591 Dated: 2nd August 1996 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location</p>	A16NE (NE)	0	2	456400 520695
10	<p>Registered Radioactive Substances</p> <p>Name: Teesside Power Ltd Location: The Teesside Power Station, Greystone Road, Grangetown, MIDDLESBROUGH, Cleveland, TS6 8JF Authority: Environment Agency, North East Region Permit Reference: AV3583 Dated: 2nd August 1996 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the address or location</p>	A16NE (NE)	0	2	456400 520695
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: >10m Superficial Recharge: Low</p>	(NW)	0	4	454871 521857
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: 3-10m Superficial Thickness: 3-10m Superficial Recharge: Low</p>	(NE)	0	4	456657 521000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	A12SW (S)	0	4	456000 519588
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	A12SW (S)	0	4	456000 519795
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	A12SE (SE)	0	4	456221 519851
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	(SE)	0	4	456626 519373

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	A12SW (S)	0	4	456032 519806
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low</p>	A8NE (SE)	0	4	456299 519470
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low</p>	(E)	0	4	457000 520000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low</p>	A12NE (E)	0	4	456328 520000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: 300-550 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	(E)	0	4	457000 520091
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	(NW)	0	4	454898 521283
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	(NW)	0	4	454812 521376
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial: >90%</p> <p>Patchiness: Superficial >10m</p> <p>Thickness: Superficial Low</p> <p>Recharge: Superficial Low</p>	(NW)	0	4	455000 521000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	A12NW (SE)	0	4	455936 520091
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: <40%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	A12NW (E)	0	4	456000 520091
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	4	455000 521371
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(N)	0	4	455936 521000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(NW)	0	4	455000 521545
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	(N)	0	4	456000 521000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	A12NW (S)	0	4	455936 520000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - Low Vulnerability</p> <p>Combined Vulnerability: Low</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Unproductive Superficial Aquifer</p> <p>Pollutant Speed: Low</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: 40-70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	A12NW (SE)	0	4	456000 520000
	<p>Groundwater Vulnerability - Soluble Rock Risk</p> <p>None</p>				
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>	A12NW (S)	0	4	455936 520000
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>	A10NE (W)	0	4	455000 520091
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - Undifferentiated</p>	A12NW (SE)	0	4	455936 520091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NW)	0	4	454812 521376
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(NW)	0	4	455000 521545
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A12SW (S)	0	4	456032 519806
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A8NE (SE)	0	4	456299 519470
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A12NW (S)	0	4	455936 520000
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A10NE (W)	0	4	455000 520091
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A12NW (SE)	0	4	455936 520091
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A12SE (SE)	0	4	456221 519851
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(NW)	0	4	454871 521857
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A12NE (E)	0	4	456328 520000
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castle Gill Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456310 520505
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castle Gill Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456303 520521
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castle Gill Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456299 520528

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castle Gill Catchment Name: Tees Primacy: 1	A16NE (N)	0	5	456128 520599
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castle Gill Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456440 520550
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	456085 520565
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	456082 520569
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	456050 520626
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Castle Gill Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	456050 520626
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: Underground Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	456050 520629
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	456044 520640
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 315.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kinkerdale Beck Catchment Name: Tees Primacy: 1	A16NW (N)	0	5	455958 520833

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 2	A16NW (N)	0	5	455958 520833
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 2	A16NW (N)	0	5	455949 520856
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 2	A16NW (N)	0	5	455943 520875
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 2	A16NW (N)	0	5	455937 520888
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 848.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A12NW (SW)	0	5	455863 520053
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12SE (SE)	0	5	456366 519810
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 286.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A12SE (SE)	0	5	456363 519874
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12SE (SE)	0	5	456363 519868
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12SE (SE)	0	5	456363 519874

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12NE (E)	0	5	456269 520110
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.2 Watercourse Level: Underground Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12NE (E)	0	5	456260 520128
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12NE (NE)	0	5	456218 520220
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456215 520225
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456214 520226
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A16SW (N)	0	5	455922 520242
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 211.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456198 520260
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456198 520260
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456234 520277

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456249 520284
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A12NE (E)	0	5	456293 520060
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 857.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cross Beck Catchment Name: Tees Primacy: 1	A10NE (W)	0	5	455082 520207
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 482.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456331 520321
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456134 520461
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Kettle Beck Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456130 520470
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	A16SE (NE)	0	5	456445 520483
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1089.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Tees Primacy: 1	(SE)	0	5	456761 519321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	<p>Historical Landfill Sites</p> <p>Licence Holder: Chief Economic and Development Officer Location: Grangetown, Middlesbrough, Cleveland Name: Bolckow Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05587 First Input Date: 1st February 1993 Last Input Date: 6th March 1993 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0700/0136 BGS Ref: Not Supplied Other Ref: 0700/CLE/254</p>	(NW)	0	2	455463 520908
50	<p>Historical Landfill Sites</p> <p>Licence Holder: Borough Engineer, Langbaugh Borough Council Location: Grangetown Name: Mushroom Grove Allotments Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05586 First Input Date: 14th April 1984 Last Input Date: 22nd April 1985 Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0700/0160 BGS Ref: Not Supplied Other Ref: 0700/CLE/ST14</p>	A15NE (NW)	0	2	455558 520739
51	<p>Historical Landfill Sites</p> <p>Licence Holder: Imperial Chemicals and Polymers Limited Location: Wilton, Middlesbrough Name: Perimeter Mounds / Perimeter of Wilton Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD05662 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 0700/CLE/047</p>	A12NW (NE)	0	2	456058 520210
52	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Wilton, Perimeter Mounds Licence Number: 60094 Location: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Licence Holder: I C I Chemicals & Polymers Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Closure Issued: 20th October 1978 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A16SW (NE)	0	2	456055 520231
53	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Wilton, Perimeter Mounds Licence Number: 60094 Location: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Licence Holder: I C I Chemicals & Polymers Ltd Authority: Environment Agency - North East Region, North East Area Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Closure Issued: 20th October 1978 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A12NE (E)	0	2	456270 520030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Licensed Waste Management Facilities (Locations) Licence Number: 60094 Location: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Operator Name: I C I Chemicals & Polymers Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, North East Area Site Category: Industrial Waste Landfills Licence Status: Closed Issued: 20th October 1978 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (N)	0	2	455927 520742
	Local Authority Landfill Coverage Name: Redcar and Cleveland Unitary Council - Has no landfill data to supply		0	6	455936 520091
55	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8NE (SE)	0	8	456436 519318
56	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8NE (SE)	0	8	456364 519365
57	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8NE (SE)	0	8	456309 519259
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1953	A15SE (NW)	0	8	455551 520456
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1953	A15NE (NW)	0	8	455713 520600
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1953	A16SE (NE)	0	8	456396 520322
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A15NW (NW)	0	8	455192 520855
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1953	A8NW (S)	0	8	456108 519363
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A15NW (NW)	42	8	455228 520817
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1953	A11SE (SW)	172	8	455577 519881
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1919	A15SW (NW)	181	8	455149 520480
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A11SE (SW)	208	8	455564 519879
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1919	A11NE (W)	220	8	455530 519947

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	<p>Registered Landfill Sites</p> <p>Licence Holder: Langbraugh Borough Council Licence Reference: CLE/ST14 Site Location: Mushroom Grove Allotments, Grangetown, Middlesbrough, Cleveland Licence Easting: 455500 Licence Northing: 520800 Operator Location: As Site Address Authority: Environment Agency - North East Region, Dales Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction Ind. Wastes</p>	A15NE (NW)	0	2	455500 520800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	A12NW (SE)	0	1	455936 520091
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (SE)	0	1	456299 519470
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (SE)	0	1	455936 520091
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (SE)	0	1	456221 519851
69	BGS Recorded Mineral Sites Site Name: Ici Borrow Pit Location: Wilton, Middlesbrough, Cleveland Source: British Geological Survey, National Geoscience Information Service Reference: 4962 Type: Opencast Status: Ceased Operator: Ici Plc Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciolacustrine Deposits, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 100m	A16NW (N)	0	1	455900 520600
70	BGS Recorded Mineral Sites Site Name: Lackenby Gravel Pit Location: Lackenby, Eston, Middlesbrough, Cleveland Source: British Geological Survey, National Geoscience Information Service Reference: 110283 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	0	1	456427 519308
71	BGS Recorded Mineral Sites Site Name: Lackenby Gravel Pit Location: Lackenby, Eston, Middlesbrough, Cleveland Source: British Geological Survey, National Geoscience Information Service Reference: 110288 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	0	1	456370 519363

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	BGS Recorded Mineral Sites Site Name: Lackenby Gravel Pit Location: Lackenby, Eston, Middlesbrough, Cleveland Source: British Geological Survey, National Geoscience Information Service Reference: 110289 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	0	1	456321 519260
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Inconclusive Evaporites Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A12NW (SE)	0	-	455936 520091
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (S)	0	1	456032 519806
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	0	1	456328 520000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	455951 520511
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NW (N)	0	1	455917 520582

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16SW (N)	0	1	455963 520456
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	86	1	456494 519039
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (S)	0	1	456032 519806
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SE (SE)	0	1	456221 519851
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NE (E)	0	1	456328 520000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	456299 519470
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (S)	0	1	456032 519806
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A12NW (SE)	0	1	455936 520091
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A12NW (S)	0	1	455936 520000
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	455000 520091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A12NW (SE)	0	1	455936 520091
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A12NW (S)	0	1	455936 520000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Contemporary Trade Directory Entries Name: Uk Wood Recycling Ltd Location: Wilton Works, Trunk Road, Middlesbrough, Cleveland, TS6 8JH Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A16SE (NE)	0	-	456352 520460
74	Contemporary Trade Directory Entries Name: Premier Refractories Ltd Location: Trunk Rd, Middlesbrough, Cleveland, TS6 7RS Classification: Refractory Materials & Supplies Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A15NE (NW)	0	-	455588 520763
75	Contemporary Trade Directory Entries Name: G D F Suez Energy Uk Location: Greystone Road, Eston, Middlesbrough, Cleveland, TS6 8JF Classification: Electricity Companies Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (E)	0	-	456309 520207
76	Contemporary Trade Directory Entries Name: Lanny'S Ltd Location: 84, Bolckow Road, Grangetown, Middlesbrough, Cleveland, TS6 7EQ Classification: Ice Cream Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (NW)	98	-	455095 520815
77	Contemporary Trade Directory Entries Name: Aqua Jetclean Location: 31, Meadowgate, Middlesbrough, Cleveland, TS6 9JP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	150	-	456315 518929
78	Contemporary Trade Directory Entries Name: S & S Location: Miller House, Pochin Road, Middlesbrough, TS6 7AT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (NW)	151	-	455008 520872
78	Contemporary Trade Directory Entries Name: McLaren Auto Repairs Location: Miller House, Pochin Road, Middlesbrough, Cleveland, TS6 7AT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (NW)	157	-	454999 520877
78	Contemporary Trade Directory Entries Name: Rinnen Uk Ltd Location: Laing Close, Grangetown, Middlesbrough, TS6 7EA Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (NW)	194	-	454953 520887
79	Contemporary Trade Directory Entries Name: Fresh T-Shirts Location: 67, Broadway, Middlesbrough, Cleveland, TS6 7HS Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (NW)	163	-	455352 520523
80	Points of Interest - Commercial Services Name: McLaren Auto Repairs Location: Unit 2 Pochin Road, Middlesbrough, TS6 7AT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (NW)	153	7	455004 520876
81	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15NE (NW)	0	7	455654 520607
82	Points of Interest - Manufacturing and Production Name: Tanks Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (N)	0	7	456222 520805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (N)	0	7	456183 520809
82	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (N)	0	7	456196 520784
82	Points of Interest - Manufacturing and Production Name: Tanks Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456262 520792
82	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (N)	0	7	456168 520864
82	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456231 520772
82	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456244 520752
82	Points of Interest - Manufacturing and Production Name: Tanks Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456284 520783
82	Points of Interest - Manufacturing and Production Name: Wilton Works Location: TS6 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456257 520804
83	Points of Interest - Manufacturing and Production Name: Tanks Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456382 520695
83	Points of Interest - Manufacturing and Production Name: Tanks Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456451 520718
83	Points of Interest - Manufacturing and Production Name: Tanks Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456393 520745
83	Points of Interest - Manufacturing and Production Name: Tank Location: TS10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456324 520638

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Points of Interest - Manufacturing and Production Name: Tank Location: TS10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456283 520727
85	Points of Interest - Manufacturing and Production Name: Tank Location: TS10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NE (NE)	0	7	456406 520574
86	Points of Interest - Manufacturing and Production Name: Tank Location: TS6 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NW (N)	0	7	456093 520798
87	Points of Interest - Manufacturing and Production Name: Wilton Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (N)	0	7	455969 520429
87	Points of Interest - Manufacturing and Production Name: Wilton Works Location: TS10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (N)	0	7	455957 520417
88	Points of Interest - Manufacturing and Production Name: Wilton Works Location: TS6 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16NW (N)	0	7	455837 520711
89	Points of Interest - Manufacturing and Production Name: Wilton Works Location: TS10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SE (NE)	0	7	456218 520319
90	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	150	7	455559 520042
90	Points of Interest - Recreational and Environmental Name: Play Area Location: Birchington Avenue, TS6 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A11NE (W)	152	7	455558 520040
91	Underground Electrical Cables Unique Feature Identifier: 258136 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 4th June 2013	A15SE (NW)	0	8	455547 520511
92	Underground Electrical Cables Unique Feature Identifier: 270119 Cable Status: Commissioned Cable Type: Alternating Current Record Last Updated: 4th June 2013	A16SE (NE)	0	8	456247 520259

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Underground Electrical Cables Unique Feature Identifier: 263314 Cable Status: Commissioned Cable Type: Pilot (Communication) Record Last: 9th January 2015 Updated:	A12NE (E)	0	8	456290 519955
94	Underground Electrical Cables Unique Feature Identifier: 270126 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A16SE (NE)	0	8	456253 520267
95	Underground Electrical Cables Unique Feature Identifier: 263316 Cable Status: Commissioned Cable Type: Pilot (Communication) Record Last: 4th June 2013 Updated:	A12NE (E)	0	8	456241 520213
96	Underground Electrical Cables Unique Feature Identifier: 258138 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A12SW (S)	0	8	455994 519554
97	Underground Electrical Cables Unique Feature Identifier: 279717 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 17th July 2014 Updated:	A16SE (NE)	0	8	456250 520383
98	Underground Electrical Cables Unique Feature Identifier: 258142 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A15SE (NW)	0	8	455547 520511
99	Underground Electrical Cables Unique Feature Identifier: 258137 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A15NW (NW)	0	8	455367 520839
100	Underground Electrical Cables Unique Feature Identifier: 270110 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456326 519412
101	Underground Electrical Cables Unique Feature Identifier: 258135 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A11NE (SW)	0	8	455752 519992
102	Underground Electrical Cables Unique Feature Identifier: 270125 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A16SE (E)	0	8	456416 520250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Underground Electrical Cables Unique Feature Identifier: 270112 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456306 519547
104	Underground Electrical Cables Unique Feature Identifier: 270373 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456335 519450
105	Underground Electrical Cables Unique Feature Identifier: 258134 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A12SW (S)	0	8	455833 519842
106	Underground Electrical Cables Unique Feature Identifier: 263283 Cable Status: Commissioned Cable Type: Pilot (Communication) Record Last: 4th June 2013 Updated:	A12NE (E)	0	8	456253 520185
107	Underground Electrical Cables Unique Feature Identifier: 258139 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A12SW (S)	0	8	455833 519841
108	Underground Electrical Cables Unique Feature Identifier: 279716 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 17th July 2014 Updated:	A16SE (NE)	0	8	456231 520410
109	Underground Electrical Cables Unique Feature Identifier: 270371 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456296 519532
110	Underground Electrical Cables Unique Feature Identifier: 270372 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456323 519532
111	Underground Electrical Cables Unique Feature Identifier: 257755 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A11NE (W)	0	8	455672 520140
112	Underground Electrical Cables Unique Feature Identifier: 263318 Cable Status: Commissioned Cable Type: Pilot (Communication) Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456228 519469

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Underground Electrical Cables Unique Feature Identifier: 258140 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A11NE (SW)	0	8	455752 519992
114	Underground Electrical Cables Unique Feature Identifier: 279715 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 17th July 2014 Updated:	A16SE (NE)	0	8	456224 520439
115	Underground Electrical Cables Unique Feature Identifier: 270117 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A16SE (NE)	0	8	456180 520412
116	Underground Electrical Cables Unique Feature Identifier: 263317 Cable Status: Commissioned Cable Type: Pilot (Communication) Record Last: 4th June 2013 Updated:	A12NE (E)	0	8	456243 520207
117	Underground Electrical Cables Unique Feature Identifier: 258133 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A12SW (S)	0	8	456124 519561
118	Underground Electrical Cables Unique Feature Identifier: 258152 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A8NE (SE)	0	8	456255 519526
119	Underground Electrical Cables Unique Feature Identifier: 270118 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A16SE (NE)	0	8	456249 520260
120	Underground Electrical Cables Unique Feature Identifier: 258141 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A15NW (NW)	0	8	455367 520839
121	Underground Electrical Cables Unique Feature Identifier: 257754 Cable Status: Commissioned Cable Type: Alternating Current Record Last: 4th June 2013 Updated:	A11NE (W)	0	8	455661 520160
122	Underground Electrical Cables Unique Feature Identifier: 263315 Cable Status: Commissioned Cable Type: Pilot (Communication) Record Last: 9th January 2015 Updated:	A12NE (E)	0	8	456202 520193

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<p>Underground Electrical Cables</p> <p>Unique Feature Identifier: 279718</p> <p>Cable Status: Commissioned</p> <p>Cable Type: Alternating Current</p> <p>Record Last Updated: 17th July 2014</p>	A16SE (NE)	0	8	456262 520355
124	<p>Underground Electrical Cables</p> <p>Unique Feature Identifier: 270116</p> <p>Cable Status: Commissioned</p> <p>Cable Type: Alternating Current</p> <p>Record Last Updated: 4th June 2013</p>	A16SE (NE)	0	8	456250 520266

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Middlesbrough Council - Public Protection and Planning Redcar and Cleveland Borough Council - Development Department	November 2013 September 2014	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	July 2019	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North East Region	July 2019	Quarterly
Local Authority Integrated Pollution Prevention And Control Redcar and Cleveland Borough Council - Environmental Health Department Middlesbrough Council - Environmental Health Department	December 2014 September 2013	Variable Variable
Local Authority Pollution Prevention and Controls Redcar and Cleveland Borough Council - Environmental Health Department Middlesbrough Council - Environmental Health Department	December 2014 June 2015	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Redcar and Cleveland Borough Council - Environmental Health Department Middlesbrough Council - Environmental Health Department	December 2014 June 2015	Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2019	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North East Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2019 July 2019	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	July 2019	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	Annually
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	July 2019	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2019	Quarterly
Flood Defences Environment Agency - Head Office	August 2019	Quarterly
OS Water Network Lines Ordnance Survey	April 2019	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	July 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2018 July 2018	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	July 2019 July 2019	Quarterly Quarterly
Local Authority Landfill Coverage Middlesbrough Council Redcar and Cleveland Borough Council	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Middlesbrough Council Redcar and Cleveland Borough Council	May 2000 May 2000	Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Dales Area Environment Agency - North East Region - North East Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Redcar and Cleveland Borough Council - Planning Department Middlesbrough Council	April 2016 January 2016	Variable Variable
Planning Hazardous Substance Consents Redcar and Cleveland Borough Council - Planning Department Middlesbrough Council	April 2016 January 2016	Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2019	Bi-Annually
CBCSB Compensation District Cheshire Brine Subsidence Compensation Board (CBCSB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	September 2019	Quarterly
Points of Interest - Education and Health PointX	September 2019	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2019	Quarterly
Points of Interest - Public Infrastructure PointX	September 2019	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2019	Quarterly
Underground Electrical Cables National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report


Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	


Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: [REDACTED] Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: [REDACTED] Email: enquiries@environment-agency.gov.uk
3	Redcar and Cleveland Borough Council - Environmental Health Department Belmont House, Rectory Lane, Guisborough, Cleveland, TS14 7FD	Telephone: [REDACTED] Website: www.redcar-cleveland.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: [REDACTED]
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: [REDACTED] Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Redcar and Cleveland Borough Council Town Hall, Fabian Road, South Bank, Middlesbrough, Cleveland, TS6 9AR	Telephone: [REDACTED] Website: www.redcar-cleveland.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: [REDACTED] Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: [REDACTED] Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: [REDACTED] Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: [REDACTED] Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.







Geology 1:50,000 Maps Legends

Artificial Ground and Landslip











Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Faults		

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TFD	Tidal Flat Deposits	Sand, Silt and Clay	Not Supplied - Holocene
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Not Supplied - Devensian
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Sand	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	DGR	Dogger Formation	Sandstone	Not Supplied - Aalenian
	SKCH	Saltwick Formation and Cloughton Formation (Undifferentiated)	Sandstone, Siltstone and Mudstone	Not Supplied - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Not Supplied - Toarcian
	STA	Staithe Sandstone Formation	Sandstone	Not Supplied - Pliensbachian
	CDI	Cleveland Ironstone Formation	Mudstone, Sandstone and Ironstone	Not Supplied - Pliensbachian
	MIRS	Main Ironstone Seam	Ironstone	Not Supplied - Pliensbachian
	RMU	Redcar Mudstone Formation	Mudstone	Not Supplied - Hettangian
	PNG	Penarth Group	Mudstone	Not Supplied - Rhaetian
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
		Rock Segments		



Geology 1:50,000 Maps

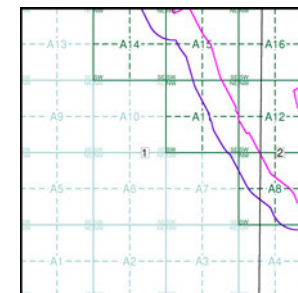
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1	Map ID:	2
Map Sheet No:	033	Map Sheet No:	034
Map Name:	Stockton	Map Name:	Guisborough
Map Date:	1987	Map Date:	1998
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



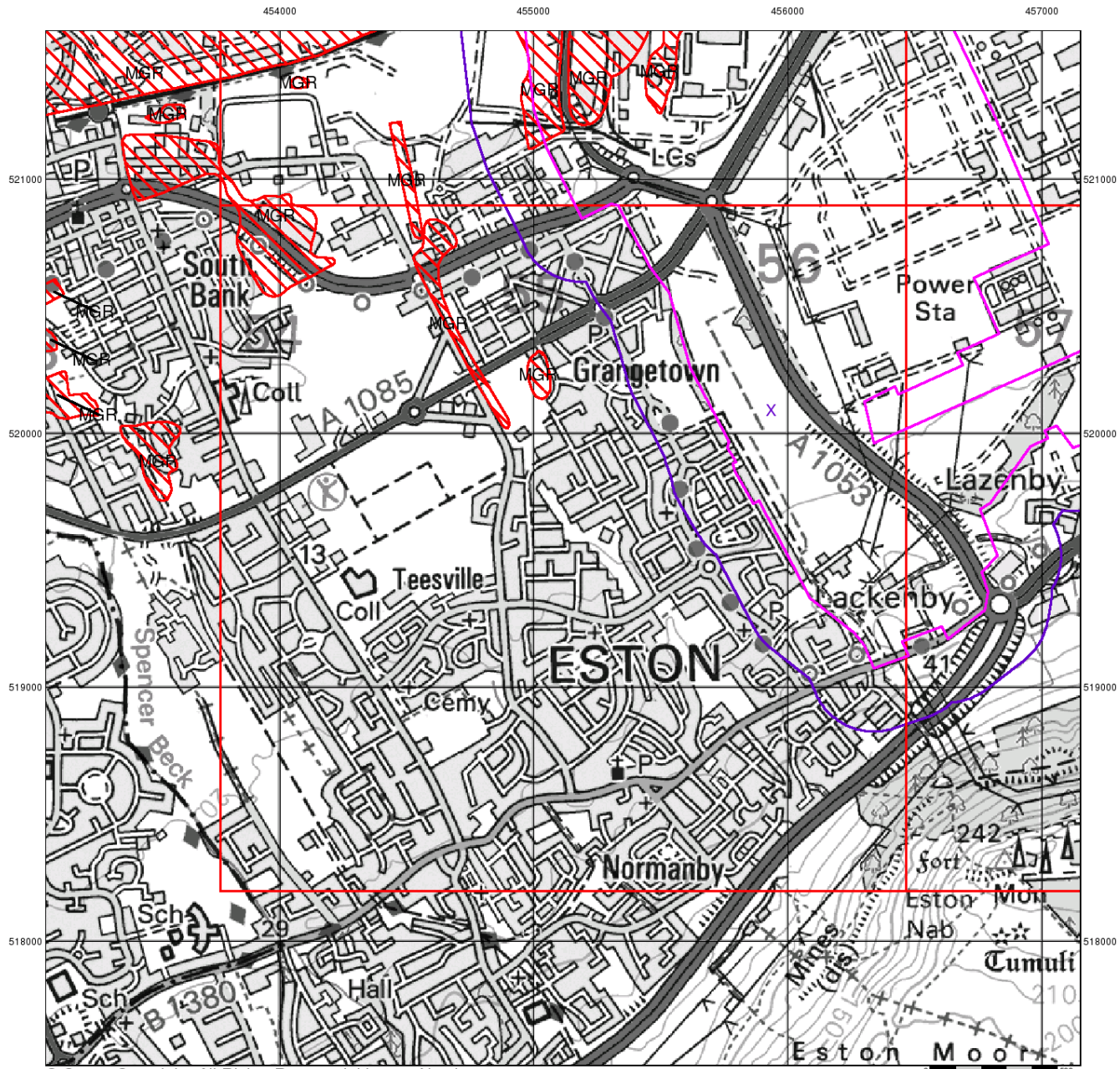
Order Details:

Order Number: 218629437_1_1
 Customer Reference: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details:

Teesside Clean Gas Project 2 of 2





© Crown Copyright. All Rights Reserved. License Number 100022432.



Artificial Ground and Landslip

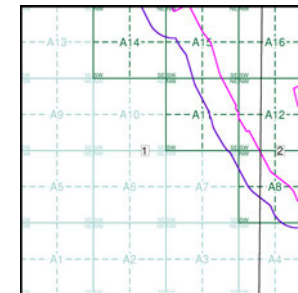
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number:	218629437_1_1
Customer Reference:	60559231/Teesside Clean Gas
National Grid Reference:	455940, 520090
Slice:	A
Site Area (Ha):	1523.9
Search Buffer (m):	250

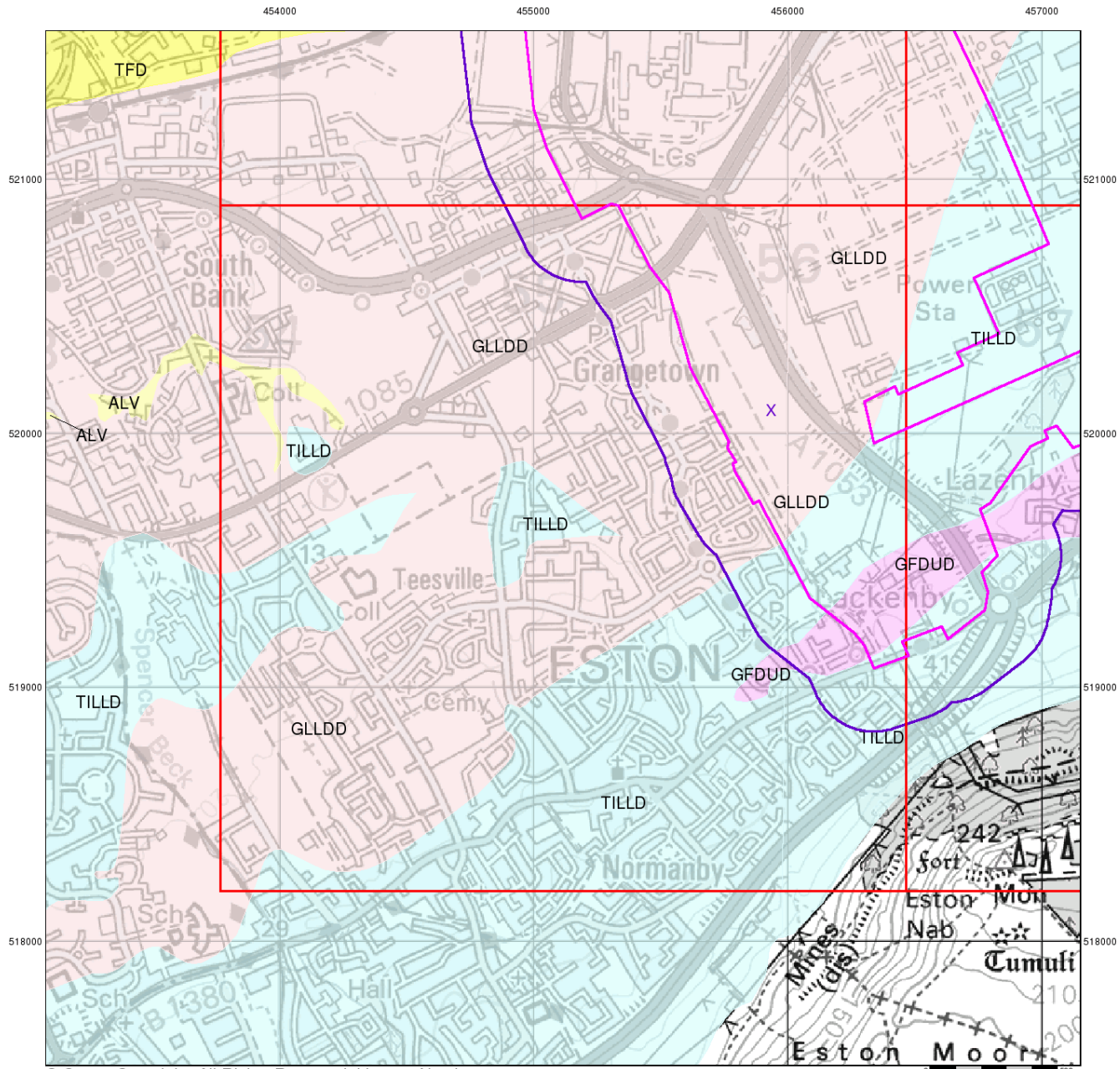
Site Details:

Teesside Clean Gas Project 2 of 2



Tel:
Fax:
Web:





© Crown Copyright. All Rights Reserved. License Number 100022432.



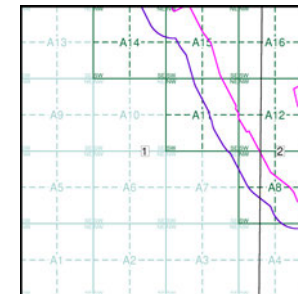
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

Order Number: 218629437_1_1
 Customer Reference: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

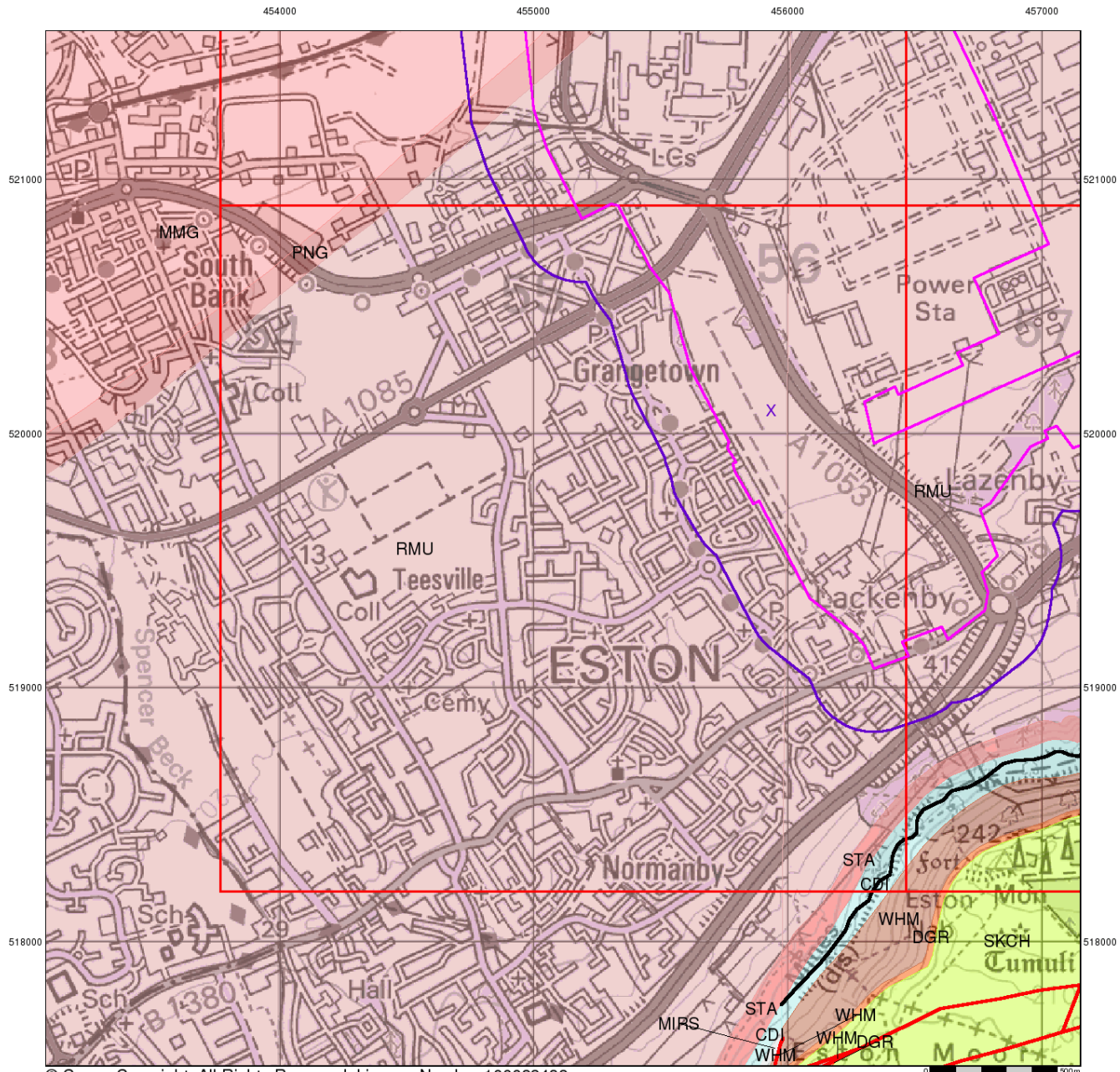
Site Details:

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:





© Crown Copyright. All Rights Reserved. License Number 100022432.



Bedrock and Faults

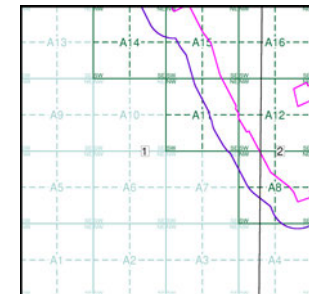
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

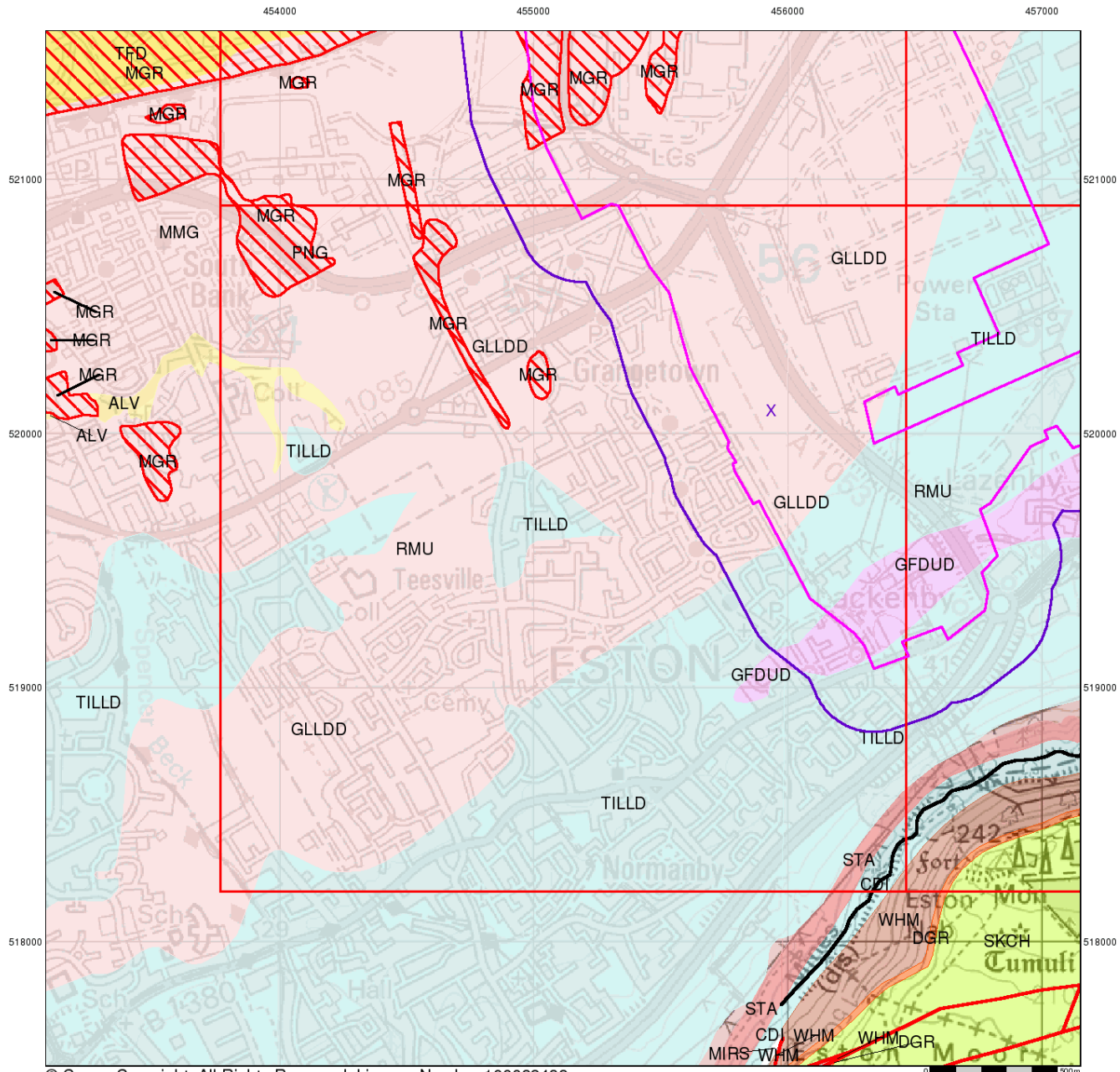
Order Number: 218629437_1_1
 Customer Reference: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details:

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



© Crown Copyright. All Rights Reserved. License Number 100022432.



Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

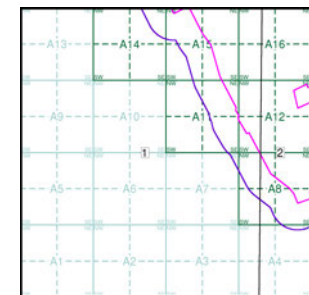
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
 Kingsley Dunham Centre
 Keyworth
 Nottingham
 NG12 5GG
 Telephone: [REDACTED]
 Fax: [REDACTED]
 email: enquiries@bgs.ac.uk
 website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 218629437_1_1
 Customer Reference: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details:

Teesside Clean Gas Project 2 of 2



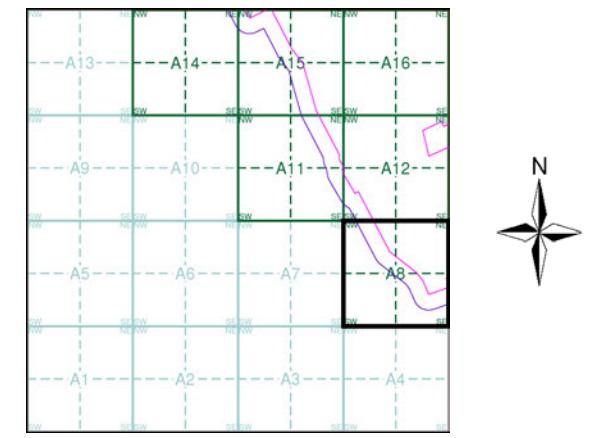
Tel: [REDACTED]
 Fax: [REDACTED]
 Web: [REDACTED]



General

- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- ### Agency and Hydrological
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- ### Hazardous Substances
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- ### Geological
- BGS Recorded Mineral Site
- ### Waste
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A8



Order Details

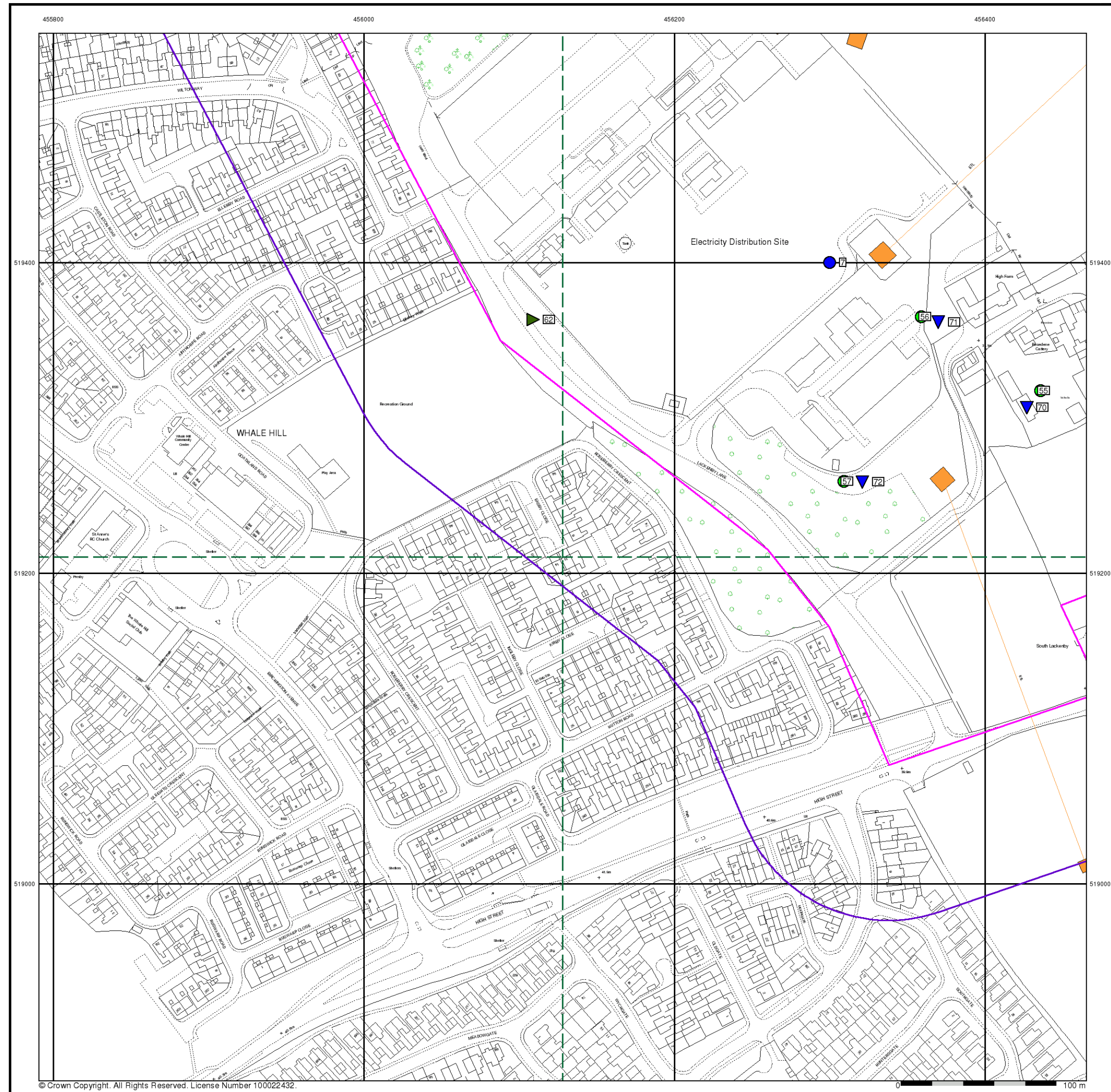
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Plot Buffer (m): 100

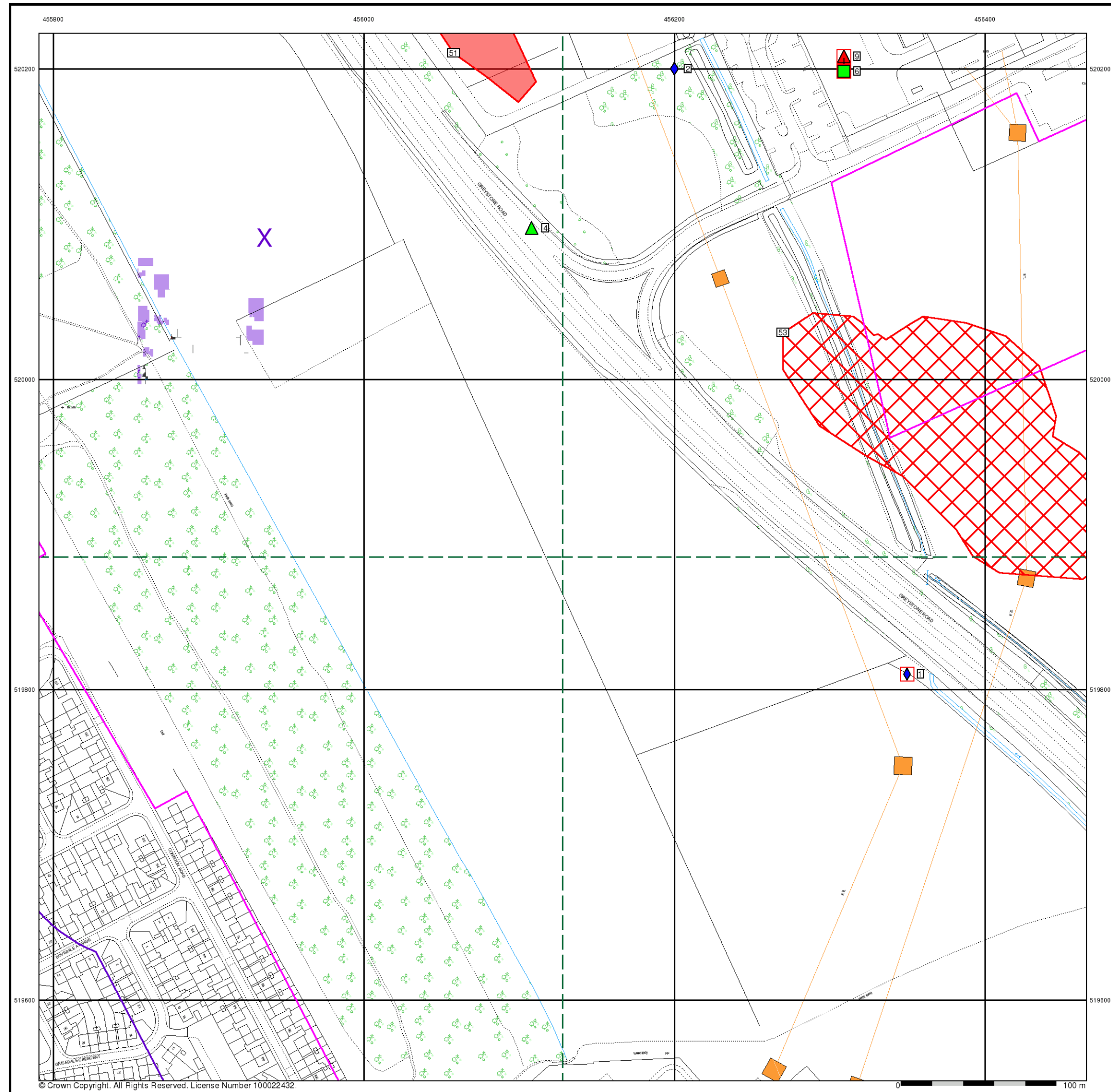
Site Details

Teesside Clean Gas Project 2 of 2



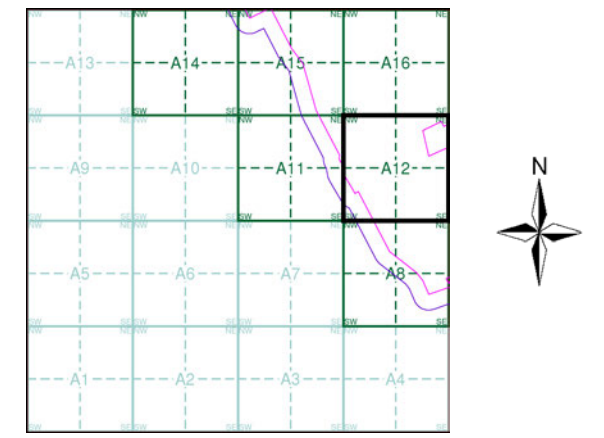
Tel:
Fax:
Web:





- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A12



Order Details

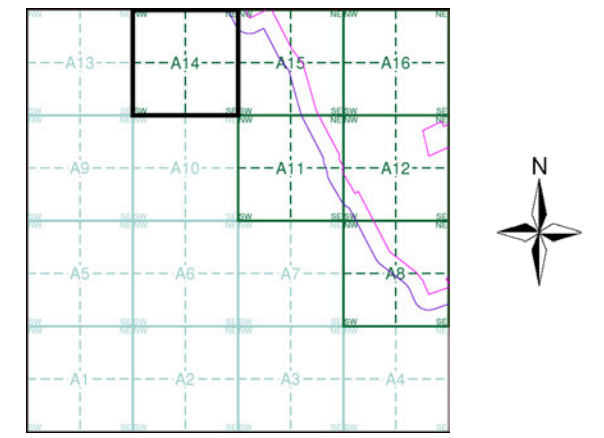
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Plot Buffer (m): 100

Site Details
 Teesside Clean Gas Project 2 of 2



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A14



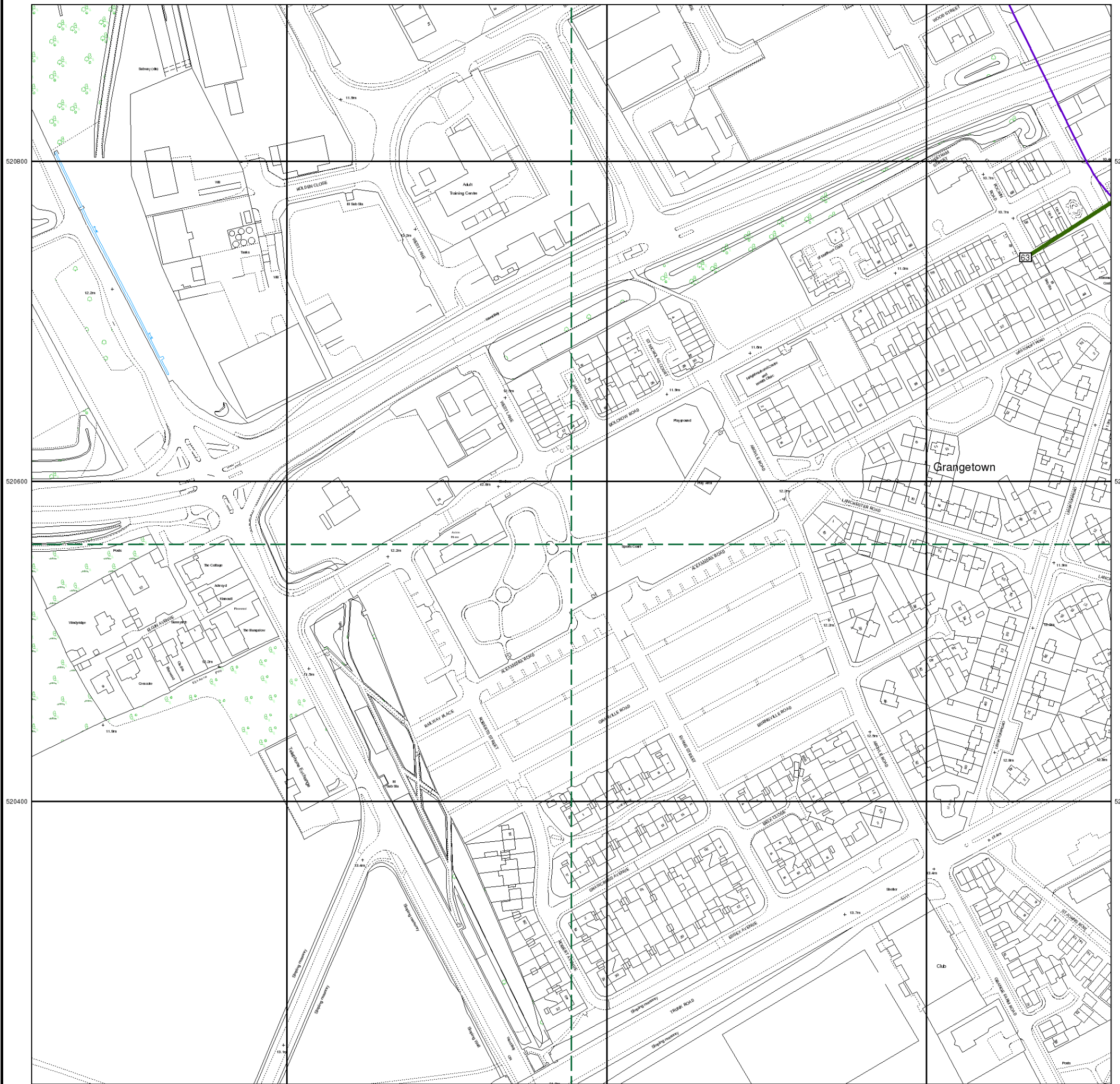
Order Details

Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Plot Buffer (m): 100

Site Details
 Teesside Clean Gas Project 2 of 2

Landmark
 INFORMATION GROUP

Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted]





General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

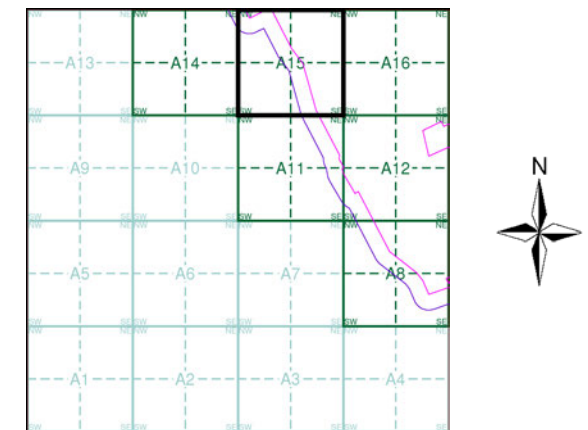
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A15



Order Details

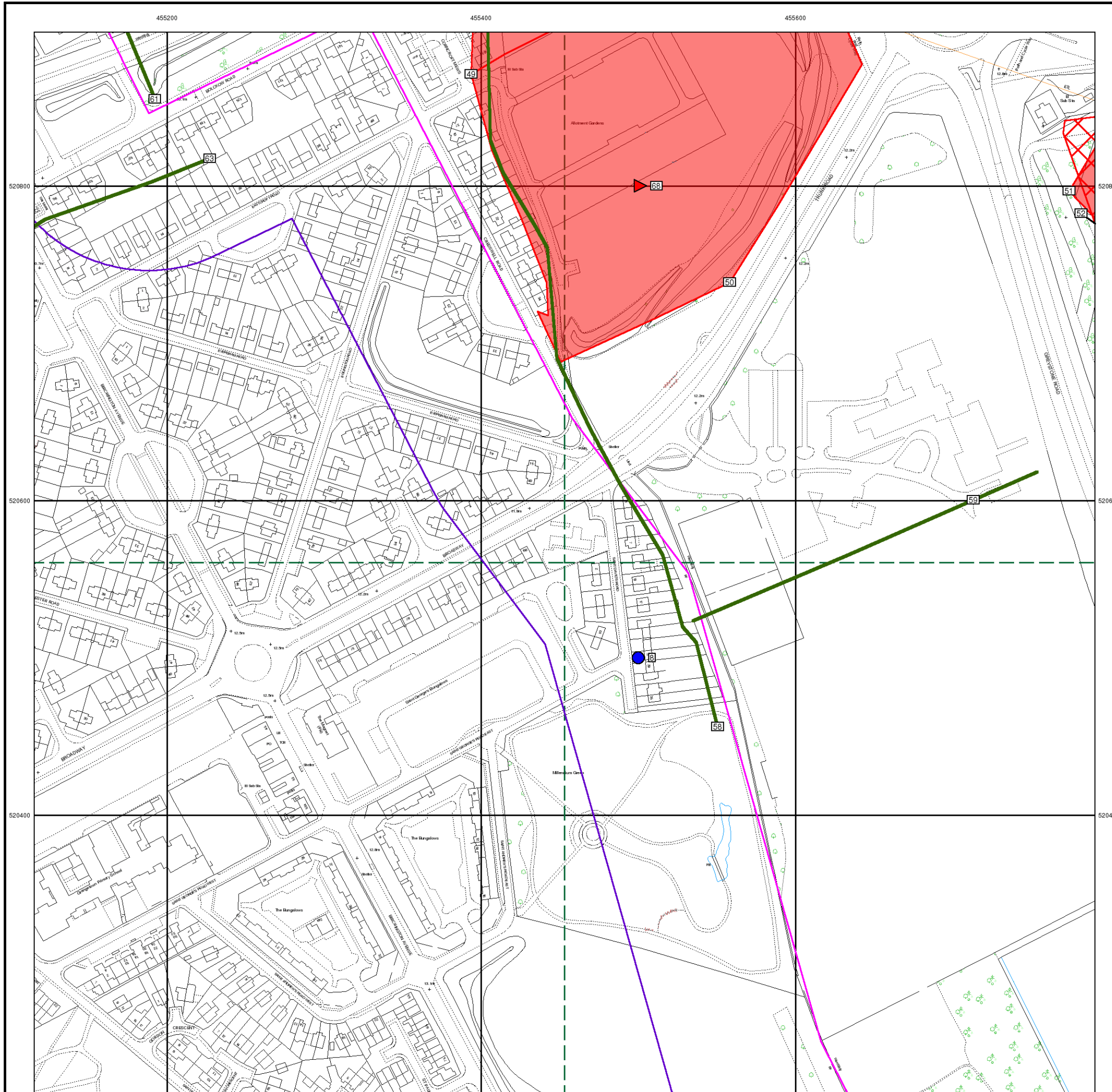
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Plot Buffer (m): 100

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
Fax:
Web:



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

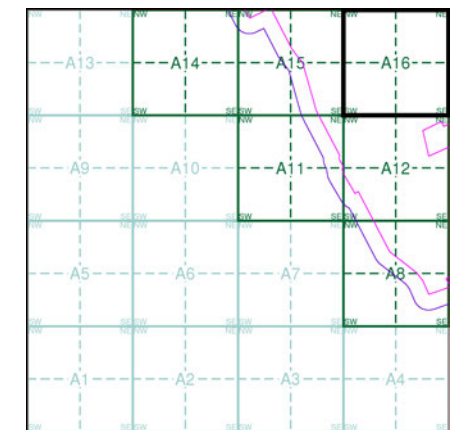
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A16

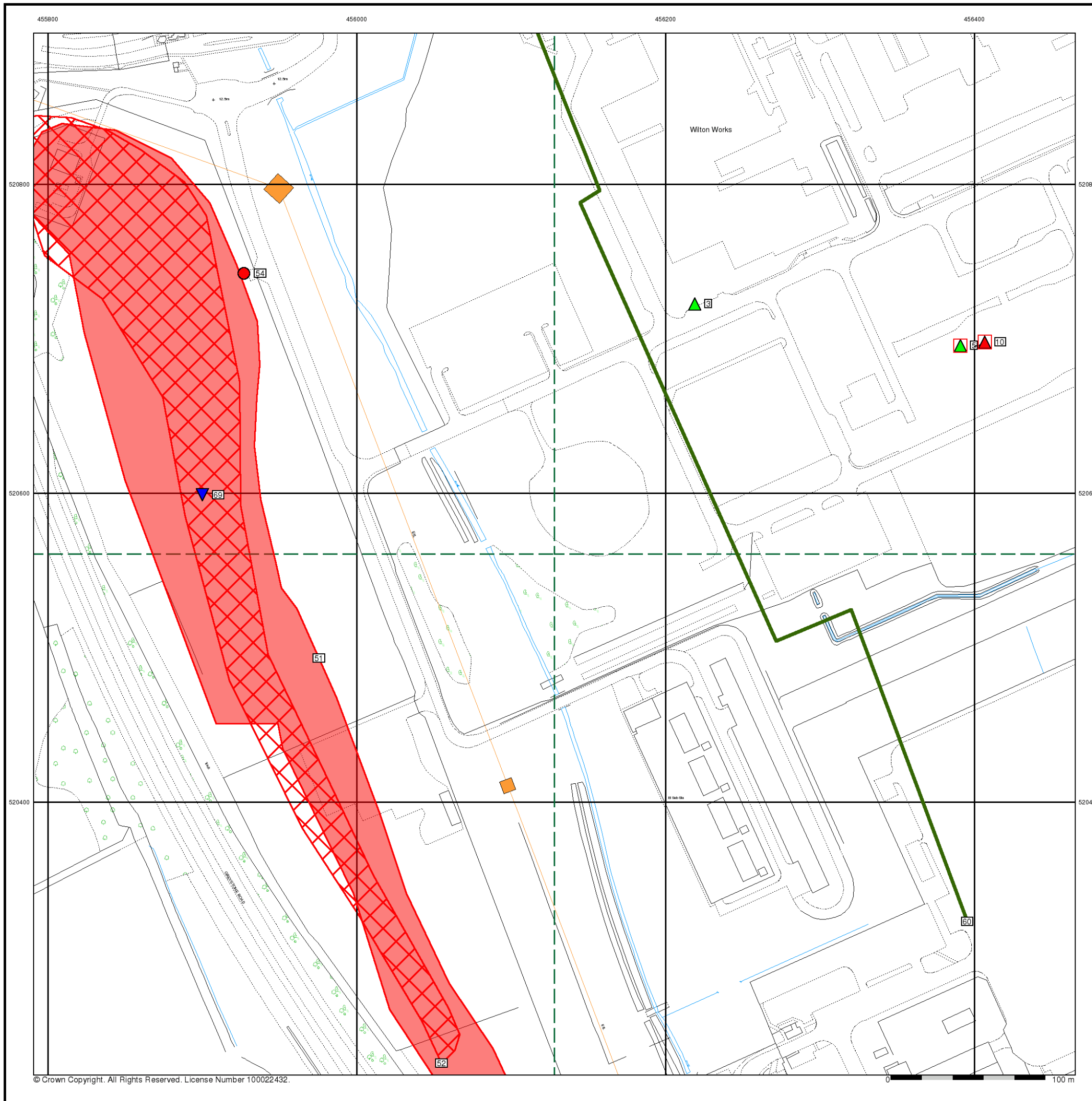


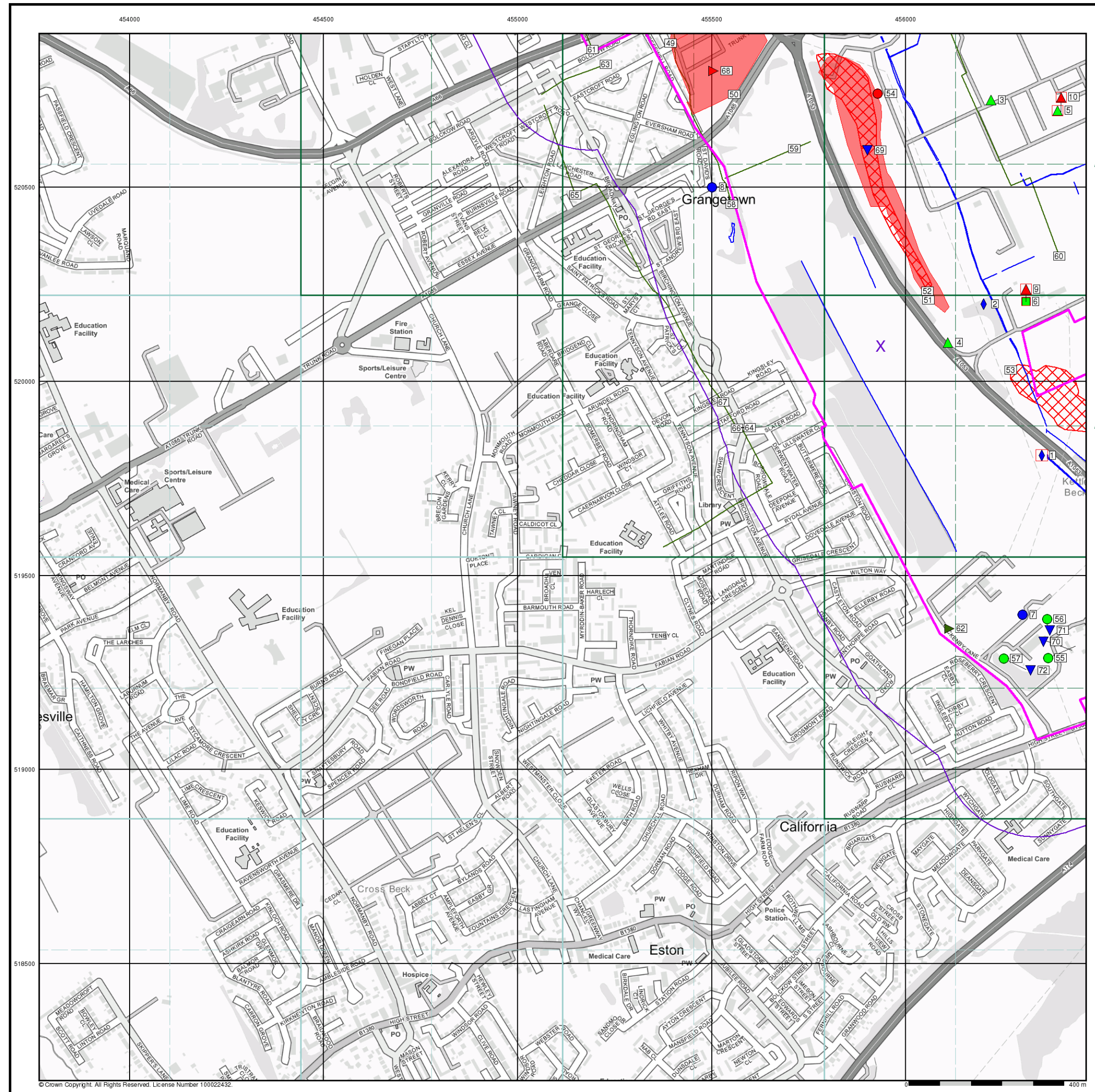
Order Details

Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Plot Buffer (m): 100

Site Details

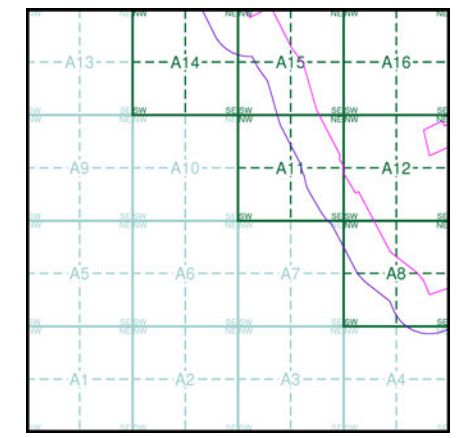
Teesside Clean Gas Project 2 of 2





- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details
 Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



Industrial Land Use Map

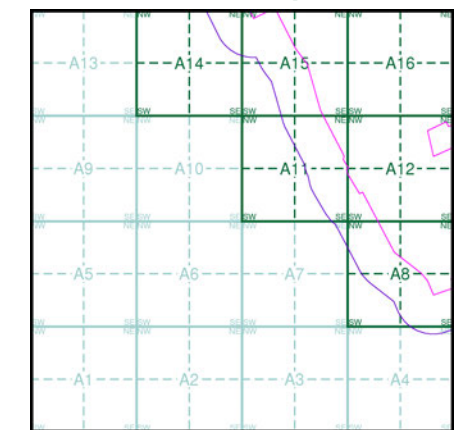
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

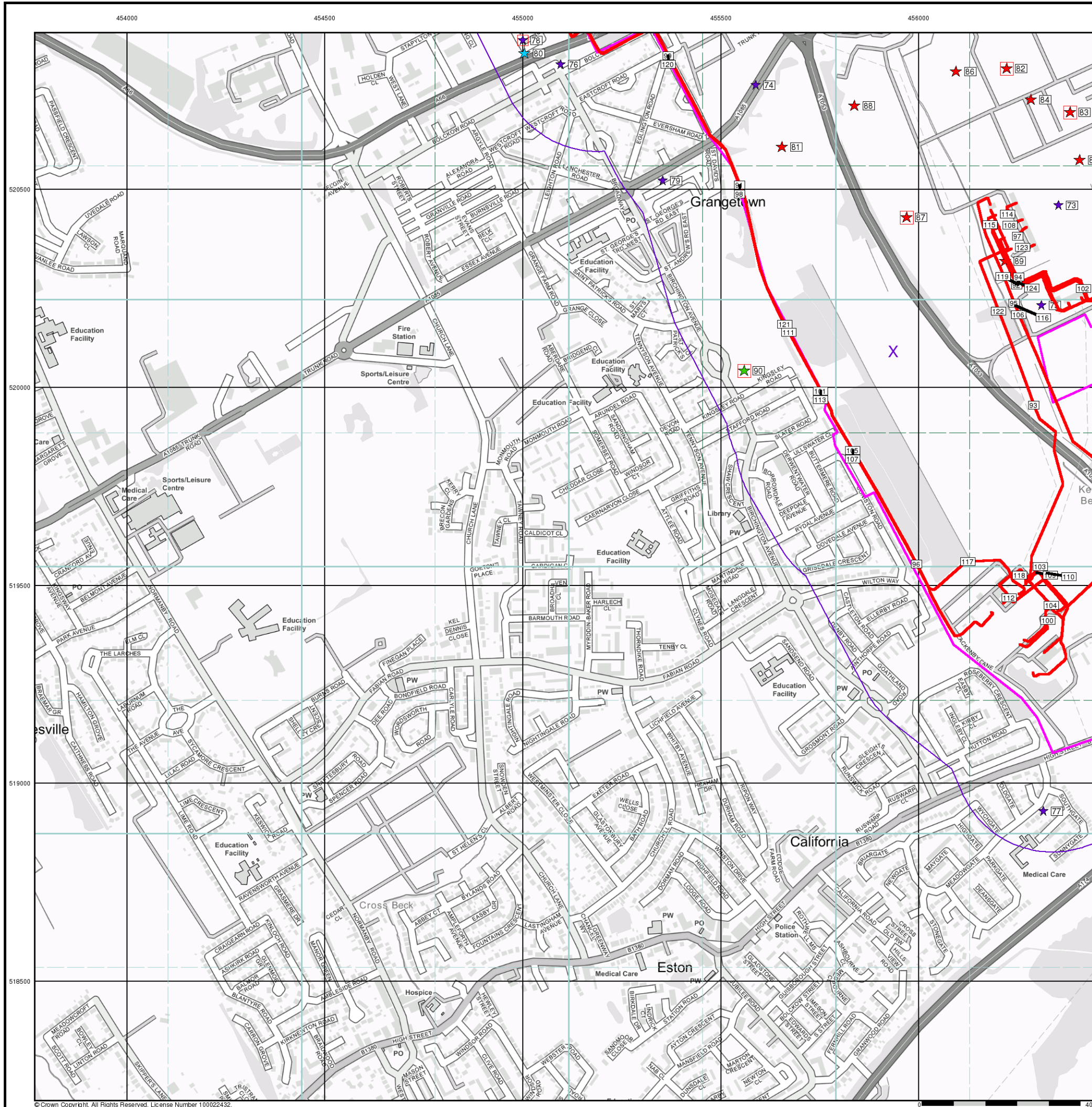
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



© Crown Copyright. All Rights Reserved. License Number 100022432.



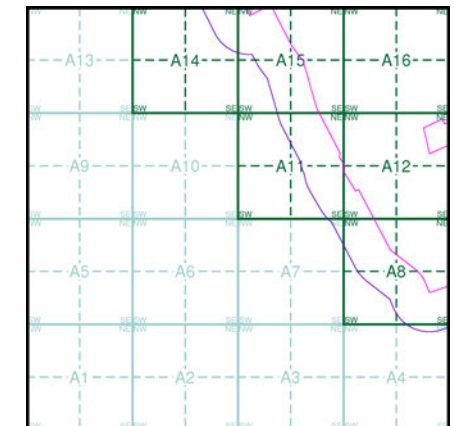
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

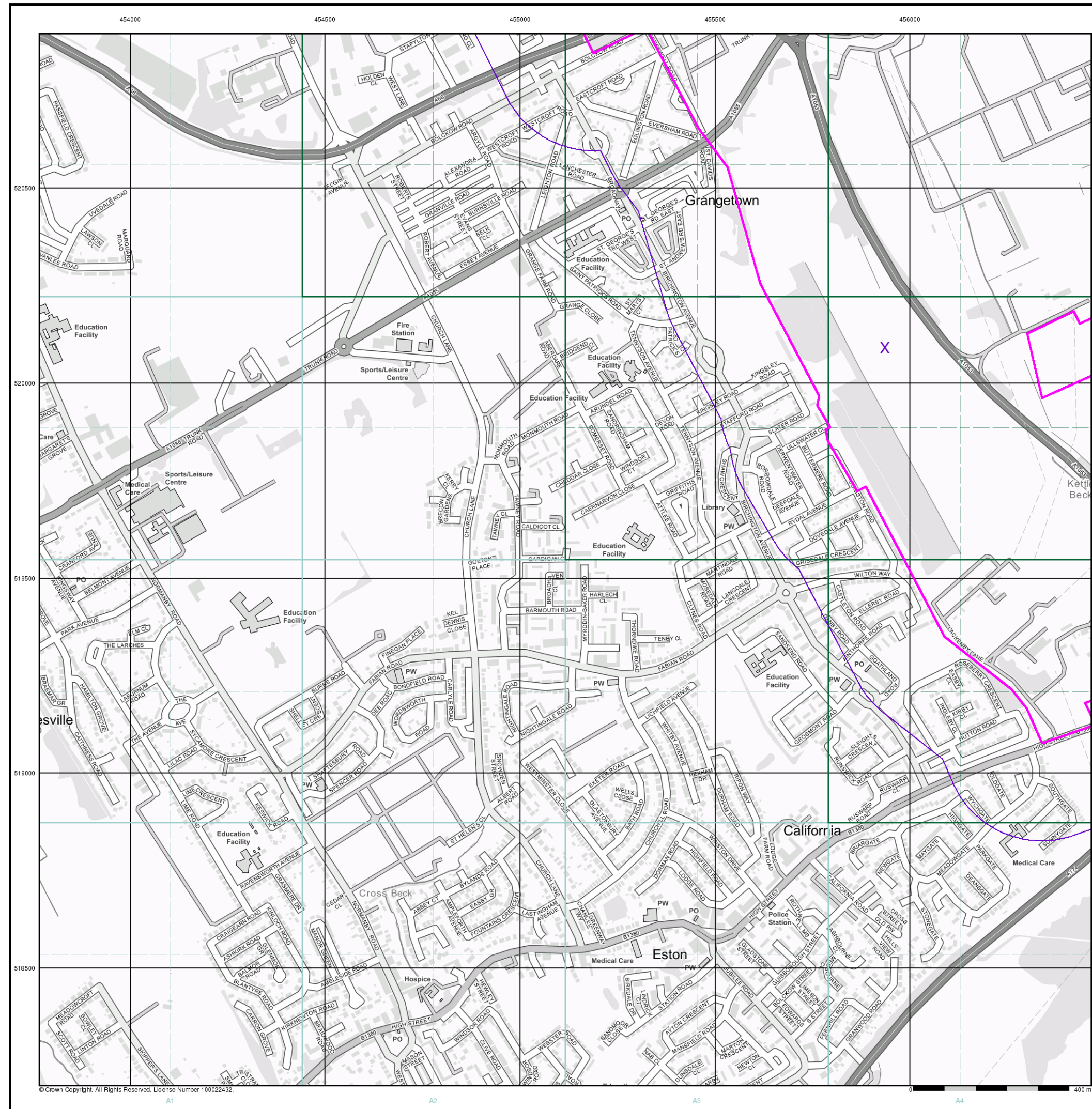
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
 Fax:
 Web:



© Crown Copyright. All Rights Reserved. License Number 100022432.



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

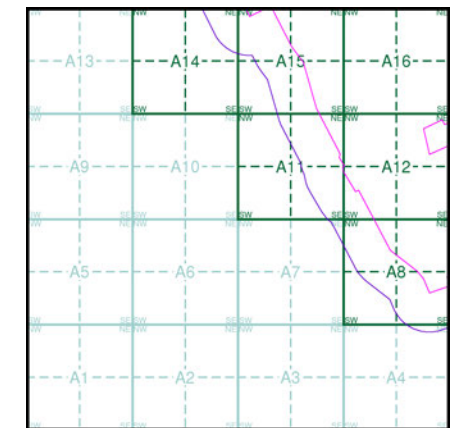
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

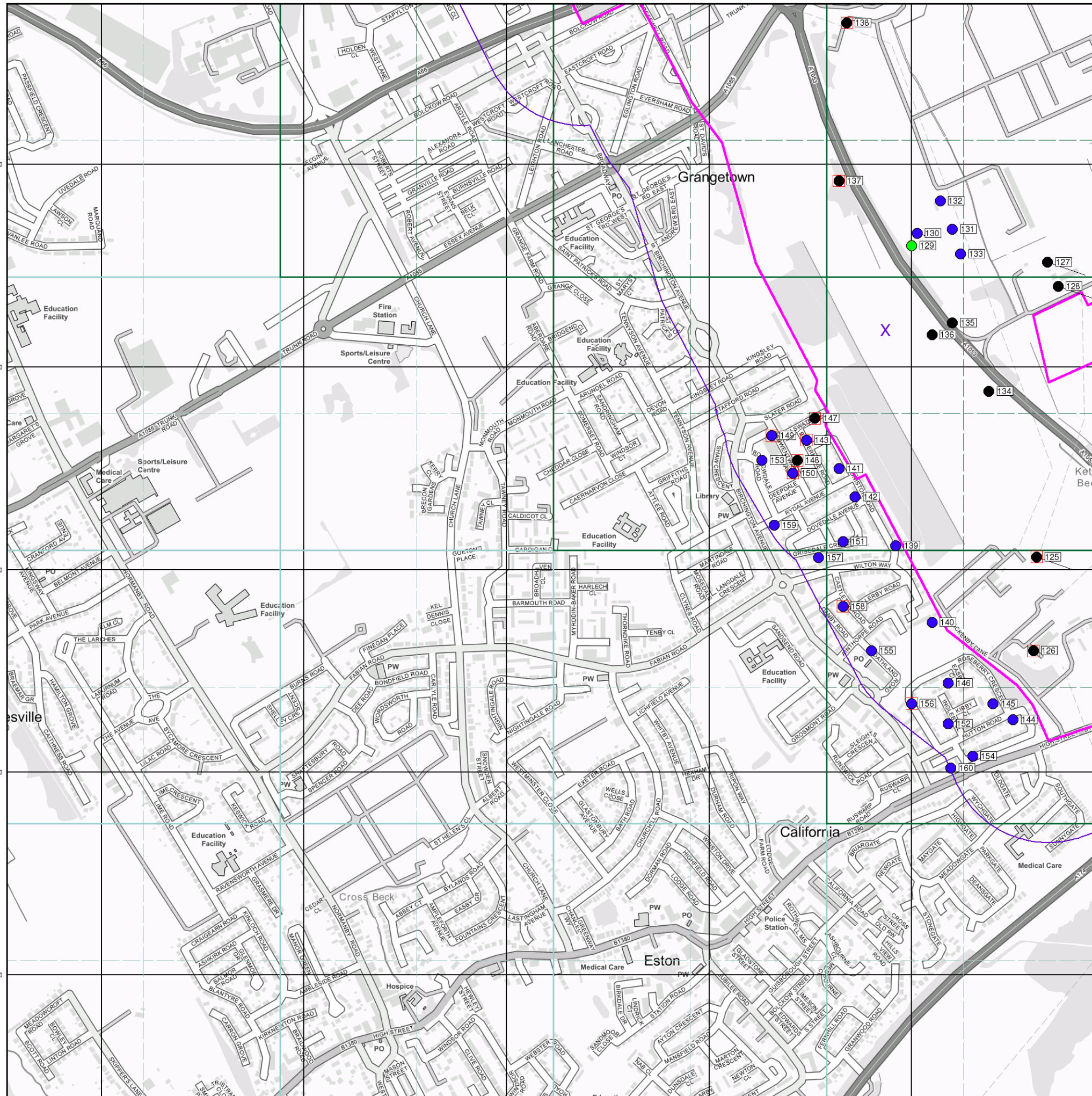
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel:
Fax:
Web:





General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

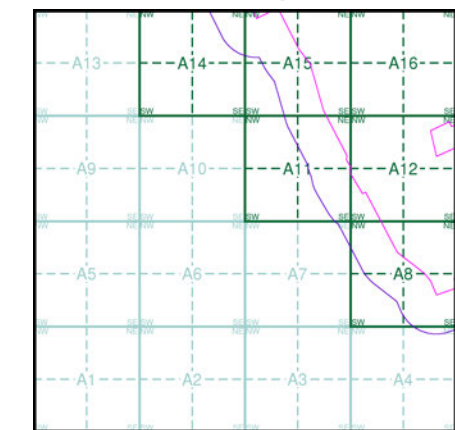
OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

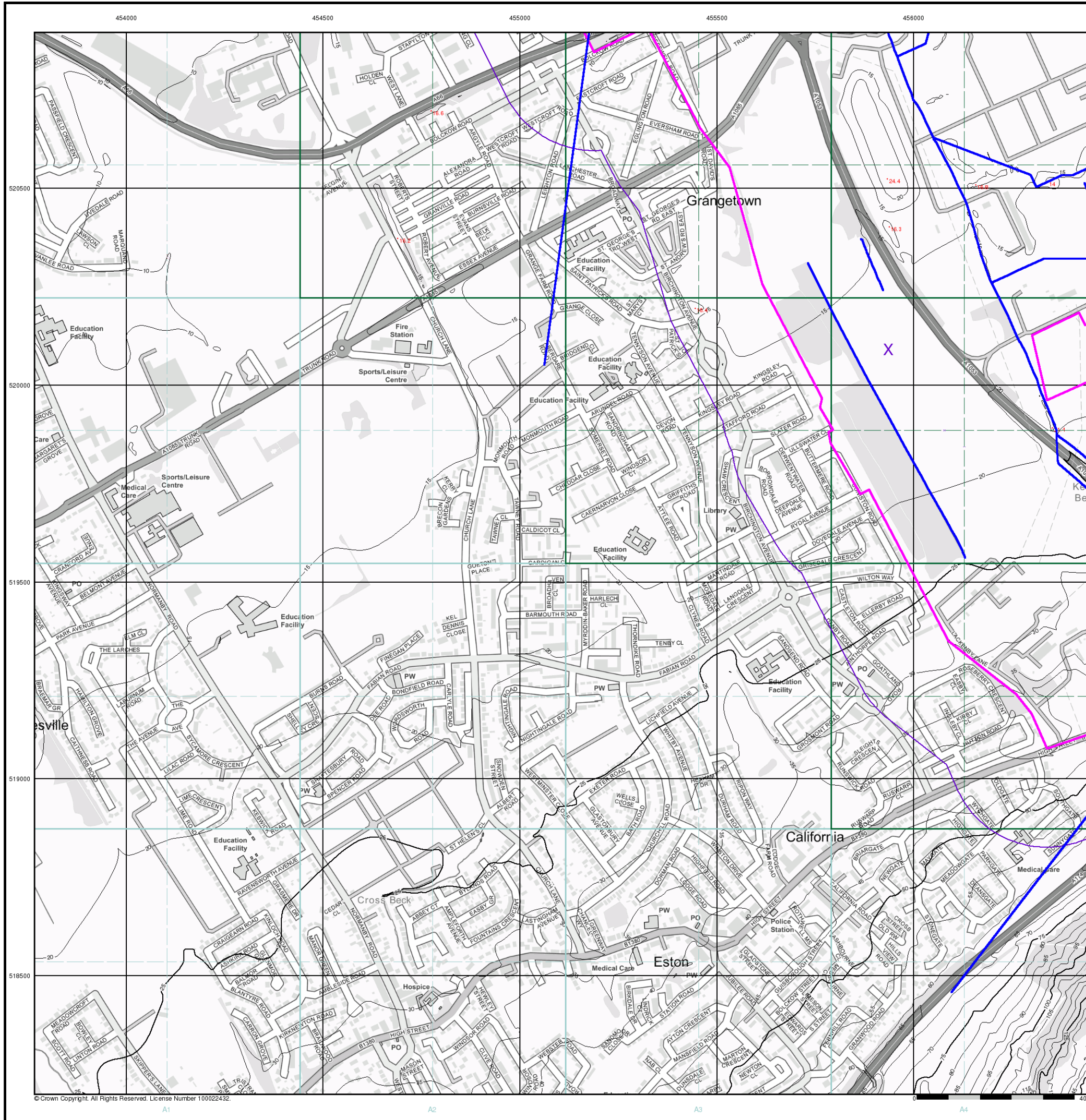
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted]



© Crown Copyright. All Rights Reserved. License Number 100022432.



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

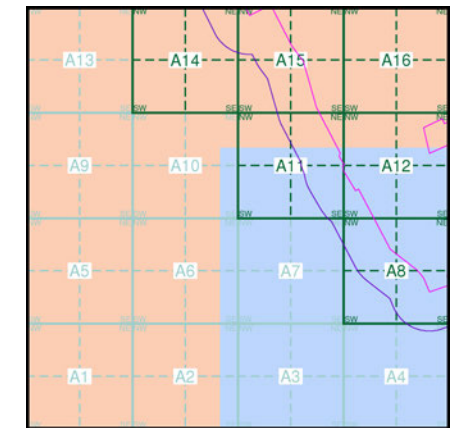
Risk of Flooding from Surface Water

- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

EANRW Suitability Map - Slice A



Order Details

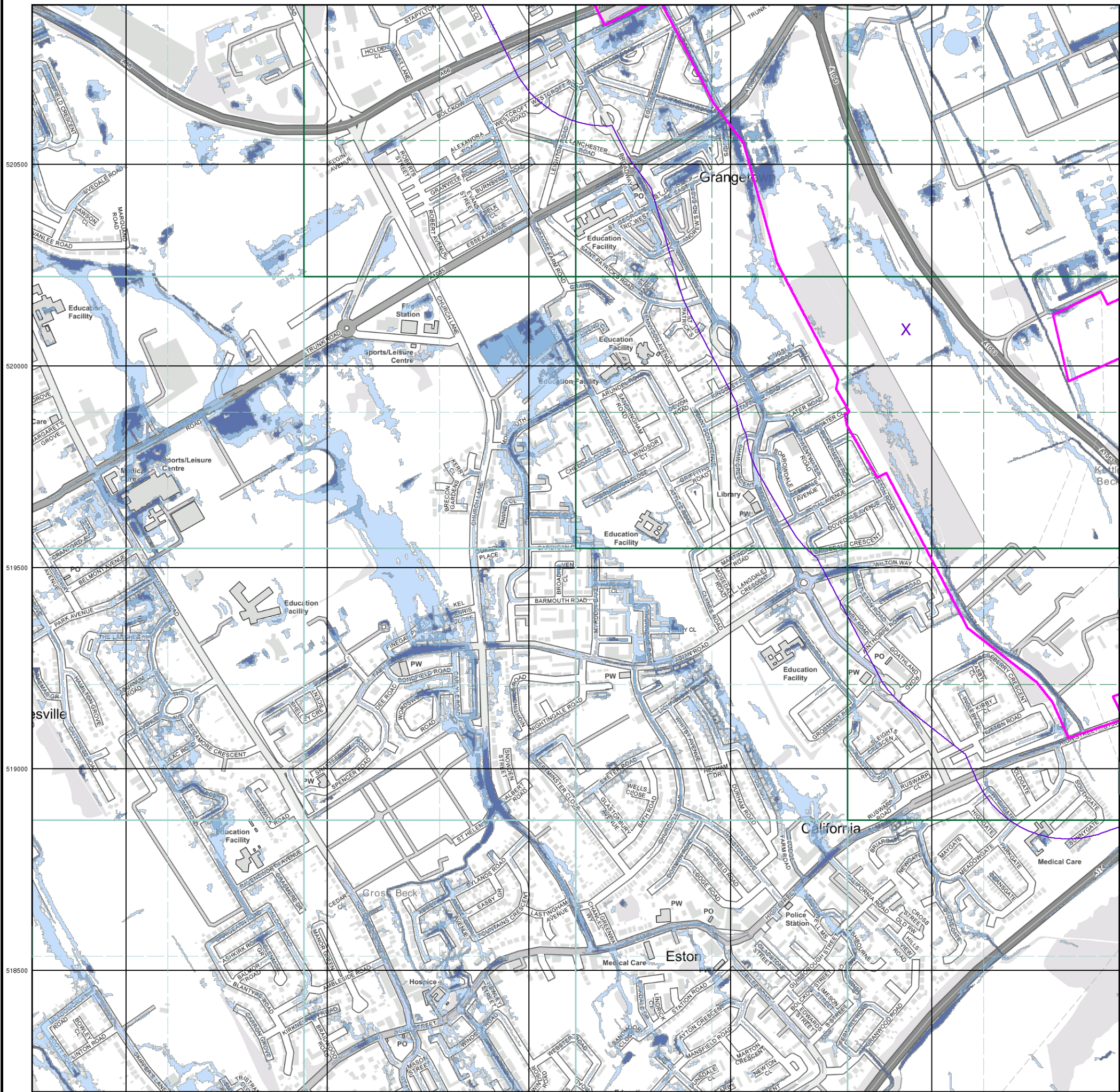
Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted]



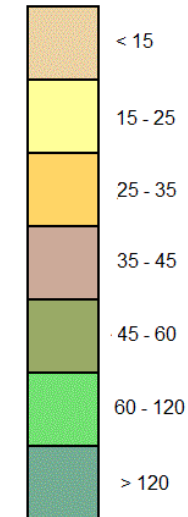


General

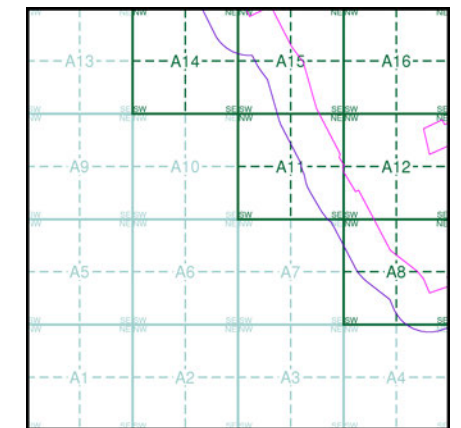
- ✱ Specified Site
- ✱ Specified Buffer(s)
- ✱ Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

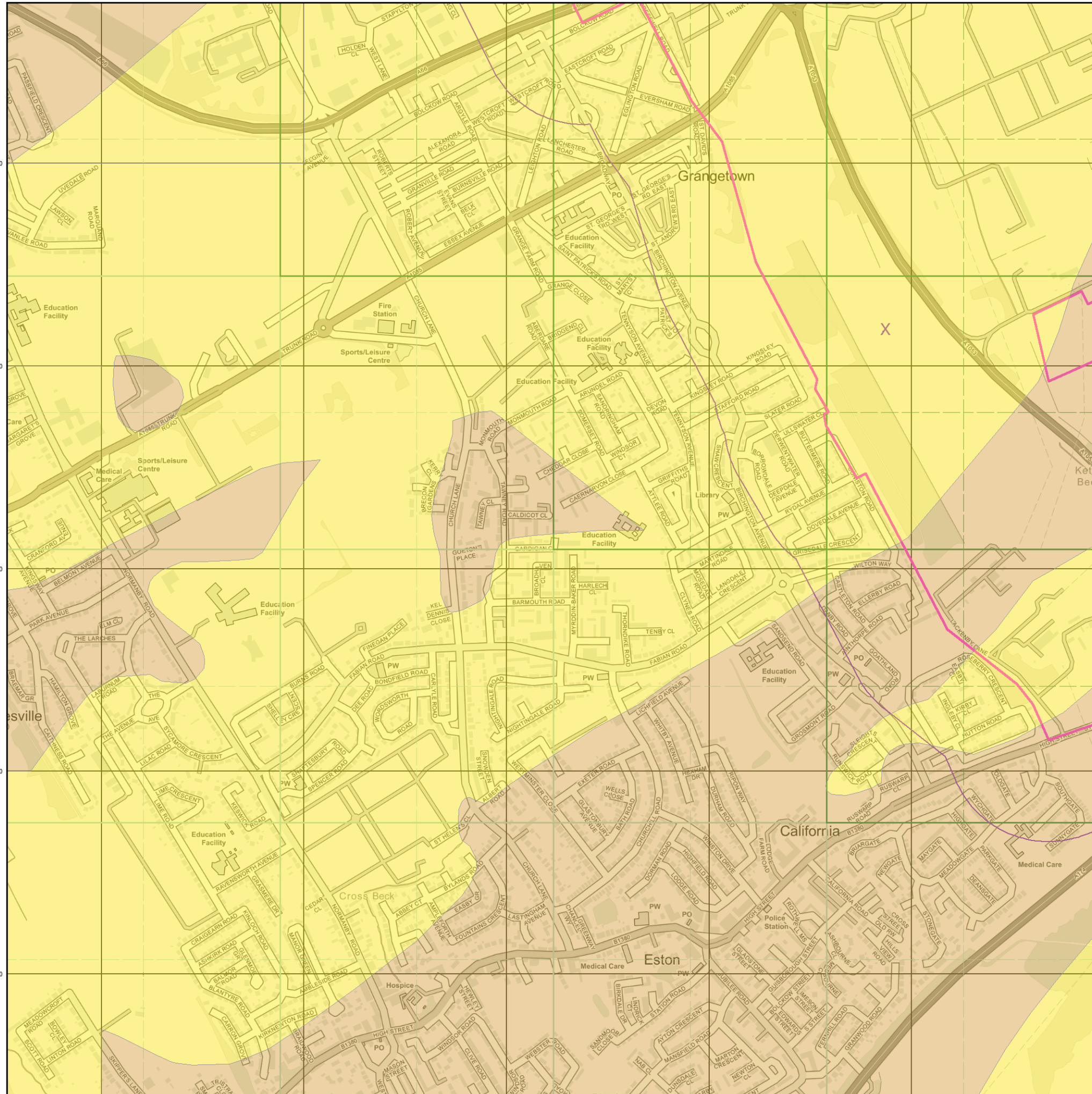
Order Details: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].uk



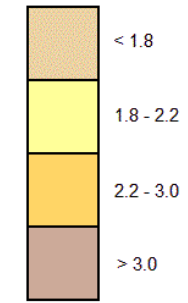


General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

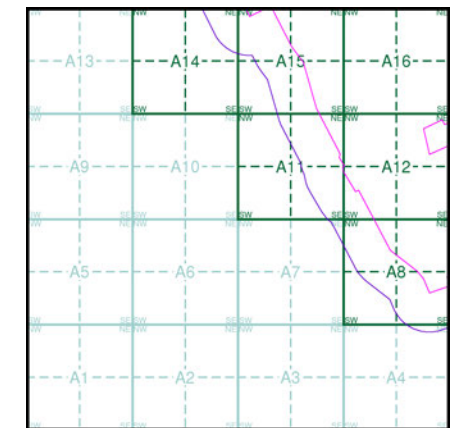
Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



A16
A12
A8
A4

Estimated Soil Chemistry Cadmium - Slice A



Order Details

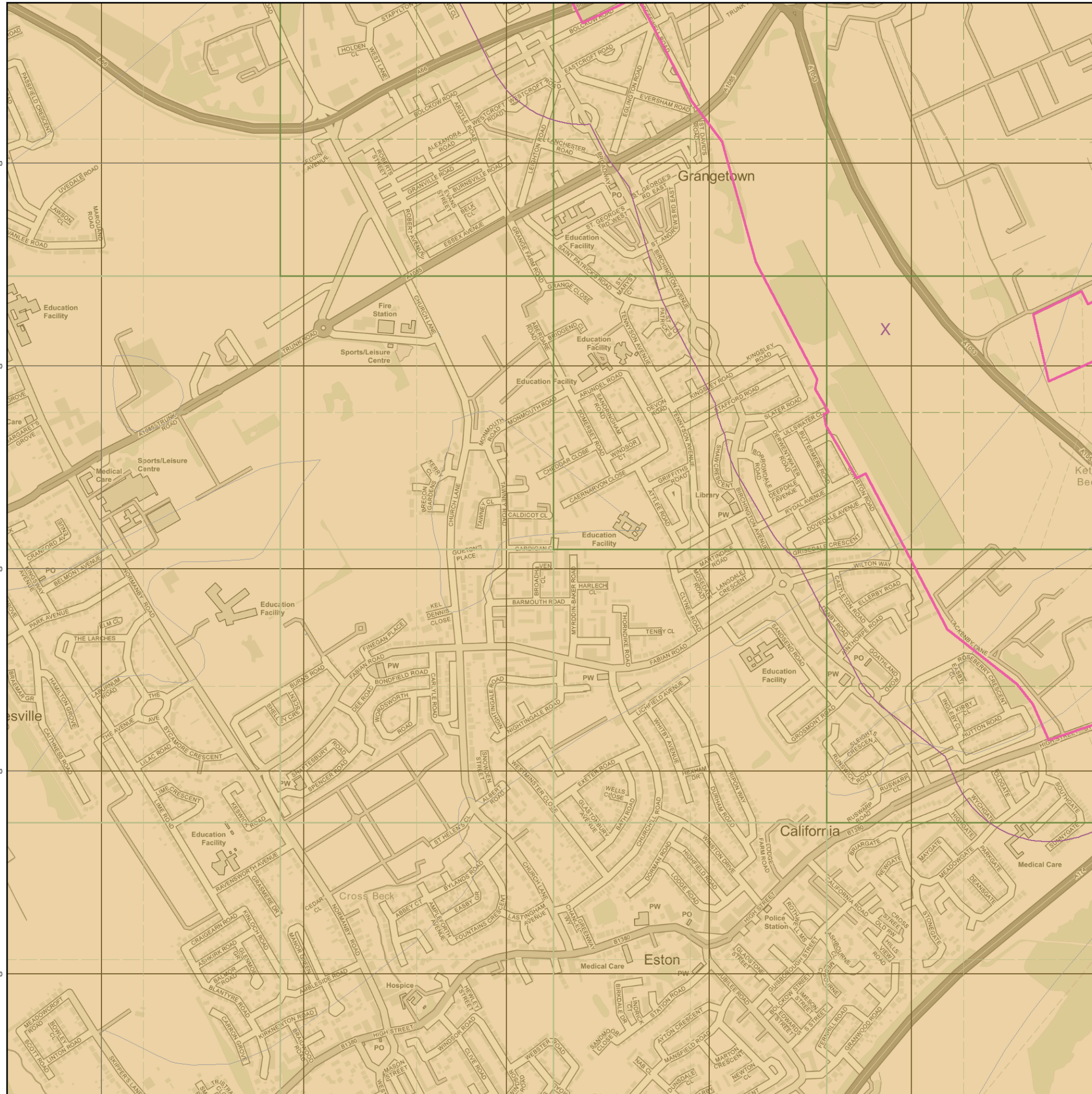
Order Details: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].uk



A1 A2 A3 A4

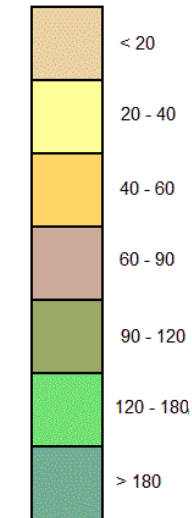


General

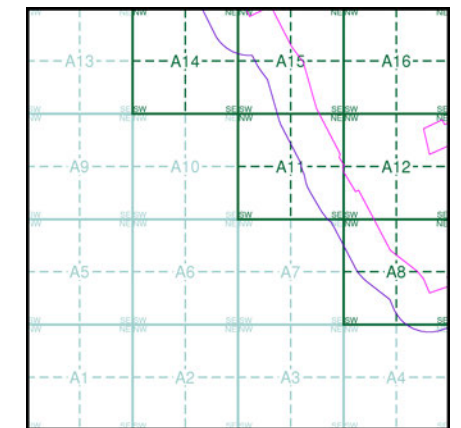
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

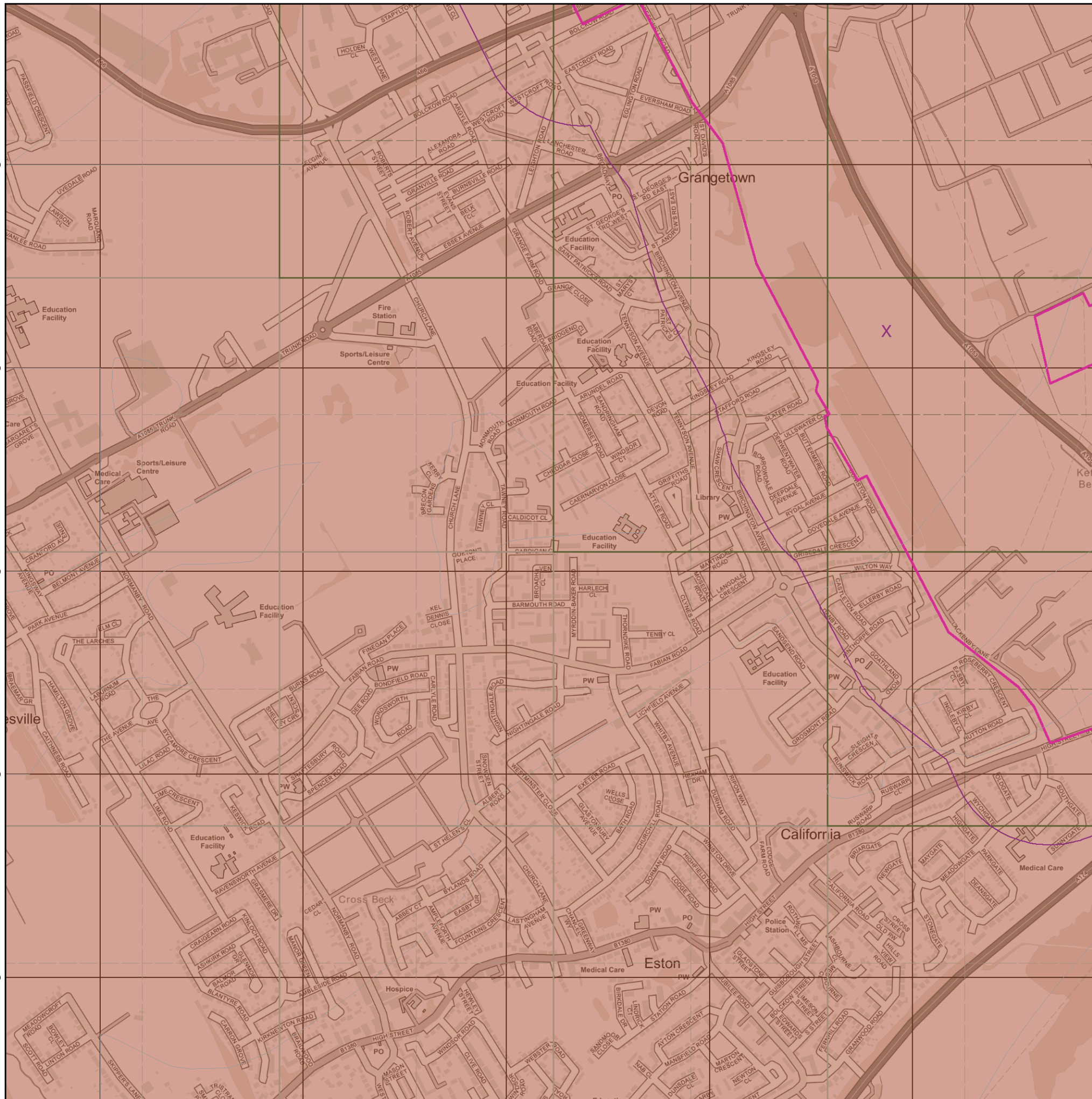
Order Details: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].uk



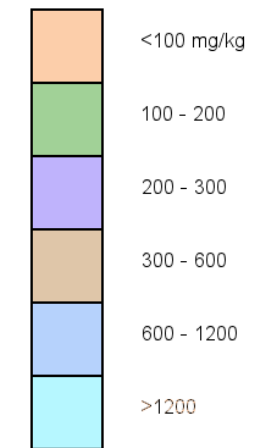


General

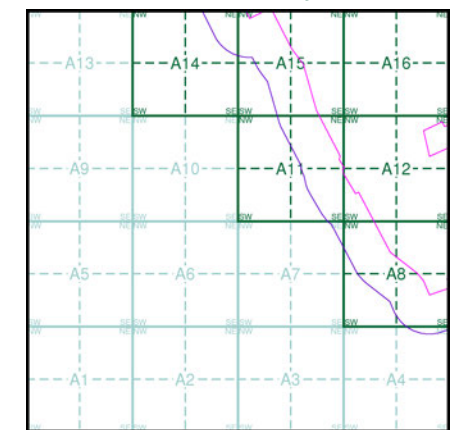
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

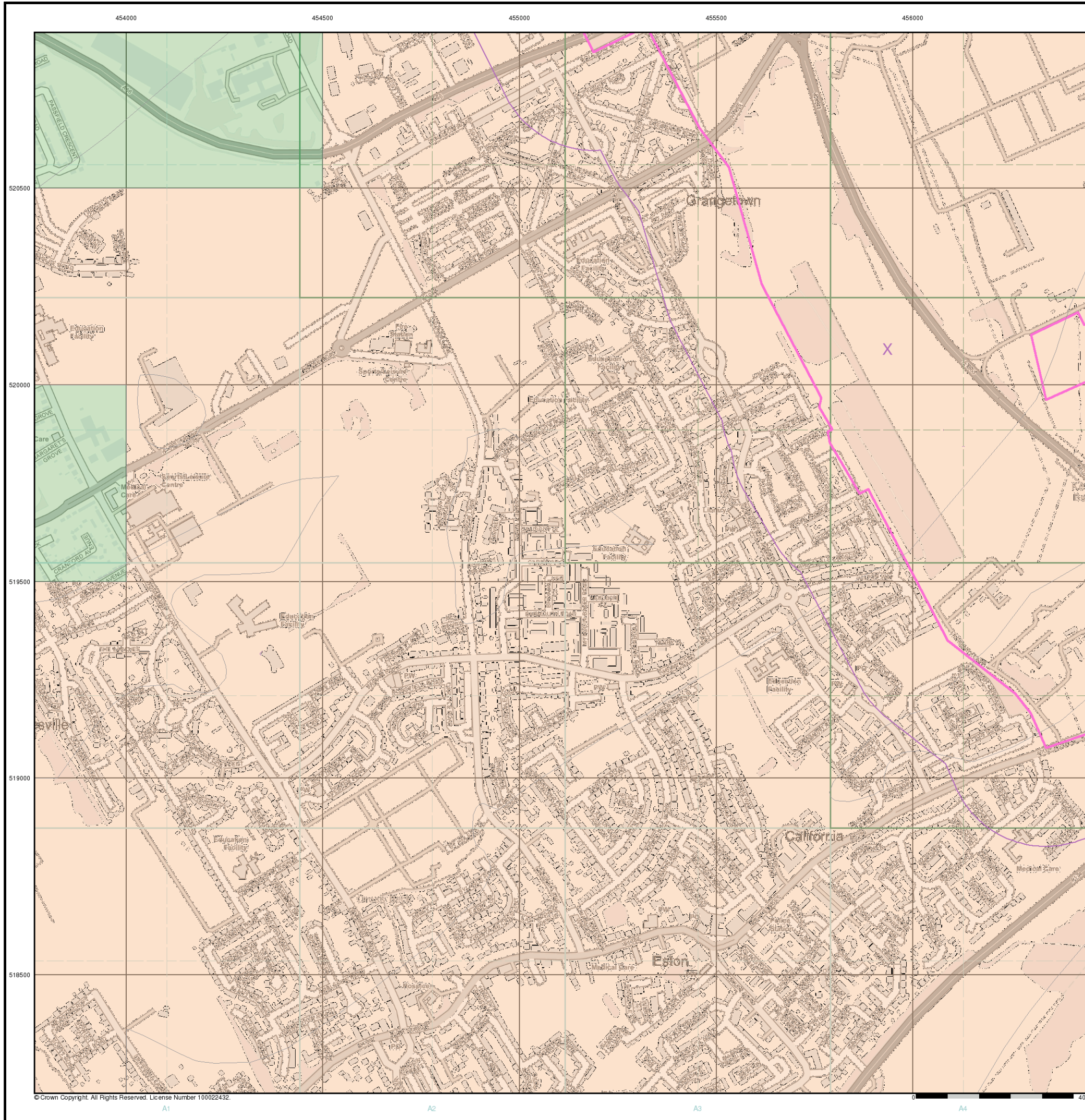
Order Details: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].co.uk



© Crown Copyright. All Rights Reserved. License Number 100022432.

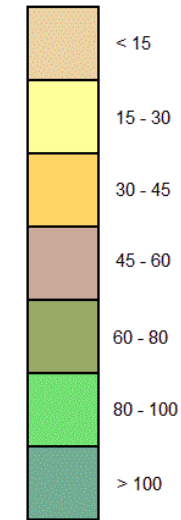


General

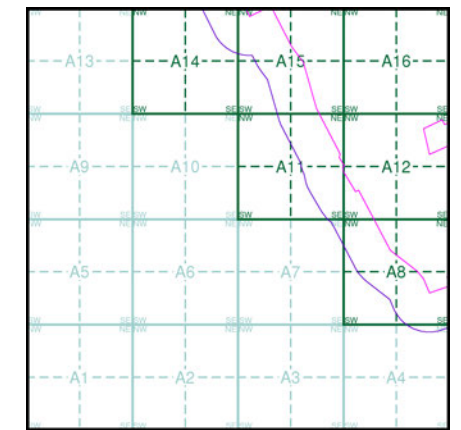
- ✱ Specified Site
- ✱ Specified Buffer(s)
- ✱ Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 250

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].uk



454600

454800

455000



Yorkshire

Published 1894

Source map scale - 1:500

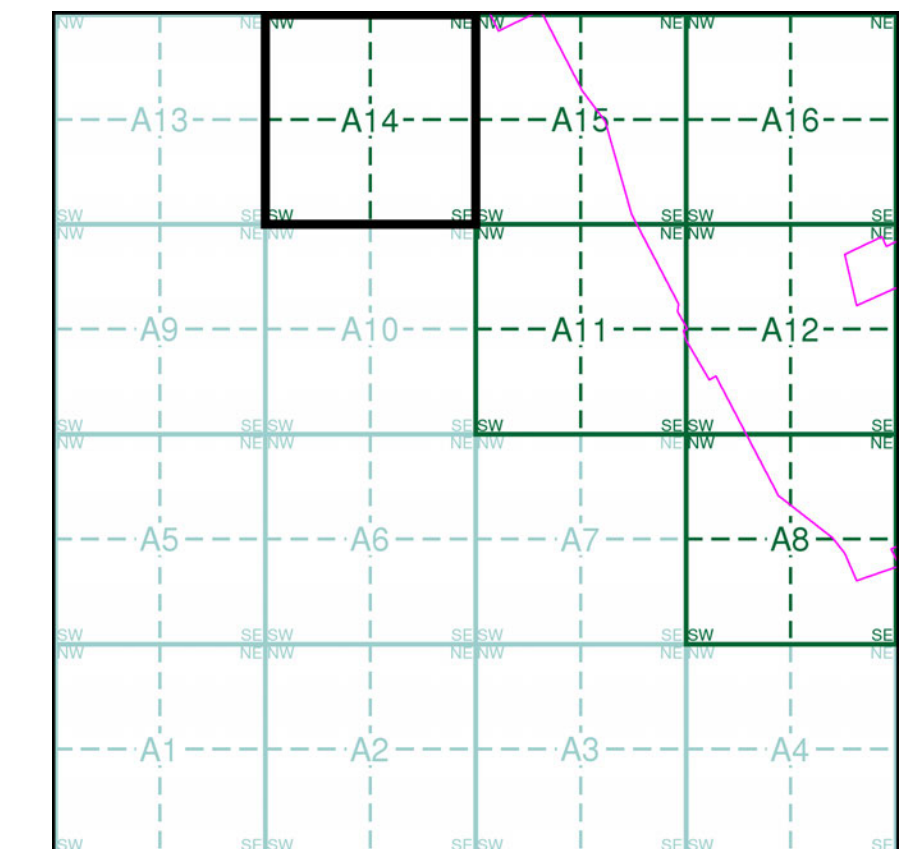
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

006_12_024	006_12_025
1894	1894
1:500	1:500
	006_16_005
	1894
	1:500

Historical Town Plan - Segment A14



Order Details

Order Number: 218629437_1_1
 Customer Ref: 60559231/Teesside Clean Gas
 National Grid Reference: 455940, 520090
 Slice: A
 Site Area (Ha): 1523.9
 Search Buffer (m): 0

Site Details

Teesside Clean Gas Project 2 of 2



Tel: [Redacted]
 Fax: [Redacted]
 Web: [Redacted].co.uk

