

National Grid 4 of 4

nationalgrid

National Grid House
Warwick Technology Park
Gallows Hill, Warwick
CV34 6DA

Street Works Act. These provisions provide National Grid full right of access to retain, maintain, repair and inspect our assets. Hence we require that no permanent / temporary structures are to be built over our cables or within the easement strip. Any such proposals should be discussed and agreed with National Grid prior to any works taking place.

- Ground levels above our cables must not be altered in any way. Any alterations to the depth of our cables will subsequently alter the rating of the circuit and can compromise the reliability, efficiency and safety of our electricity network and requires consultation with National Grid prior to any such changes in both level and construction being implemented.

To view the National Grid Policy's for our Sense of Place Document. Please use the link below:
<http://www.nationalgrid.com/uk/LandandDevelopment/DDC/>

To download a copy of the HSE Guidance HS(G)47, please use the following link:
<http://www.hse.gov.uk/pubns/books/hsq47.htm>

Further Advice

We would request that the potential impact of the proposed scheme on National Grid's existing assets as set out above and including any proposed diversions is considered in any subsequent reports, including in the Environmental Statement, and as part of any subsequent application.

Where any diversion of apparatus may be required to facilitate a scheme, National Grid is unable to give any certainty with the regard to diversions until such time as adequate conceptual design studies have been undertaken by National Grid. Further information relating to this can be obtained by contacting the email address below.

Where the promoter intends to acquire land, extinguish rights, or interfere with any of National Grid apparatus, protective provisions will be required in a form acceptable to it to be included within the DCO.

National Grid requests to be consulted at the earliest stages to ensure that the most appropriate protective provisions are included within the DCO application to safeguard the integrity of our apparatus and to remove the requirement for objection. All consultations should be sent to the following: box.landandacquisitions@nationalgrid.com

I hope the above information is useful. If you require any further information please do not hesitate to contact me.

The information in this letter is provided not withstanding any discussions taking place in relation to connections with electricity or gas customer services.

Yours sincerely,



Nick Dexter.

National Grid is a trading name for:
National Grid Electricity Transmission plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered In England and Wales, No 2366977

National Grid is a trading name for:
National Grid Gas plc
Registered Office: 1-3 Strand, London WC2N 5EH
Registered In England and Wales, No 2006000

Annex 3 – Environmental Permit

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Sembcorp Utilities (UK) Limited

Wilton Industrial Estate
Wilton International
Middlesbrough
Cleveland
TS90 8WS

Variation application number

QR.25/04/1528/V001

Permit number

QR.25/04/1528

Wilton Industrial Estate

Permit Number QR.25/04/1528

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

The variation is to reduce the permitted Dry Weather Flow of the discharge and vary the Ammonia limits. The permit has been updated into EPR format.

The status log of a permit sets out the permitting history, including any changes to the permit reference number. It is not backdated before 6 April 2010.

Status log of the permit		
Description	Date	Comments
Application received QR.25/04/1528/V001	Duly made 21/07/2011	Application for variation
Variation determined QR.25/04/1528	31/07/2014	Varied and consolidated permit issued in modern condition format.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

permit number
QR.25/04/1528

issued to
Sembcorp Utilities (UK) Limited (“the operator”),
whose registered office is

Sembcorp UK Headquarters
Wilton International
Middlesbrough
Cleveland
TS90 8WS

company registration number 04636301
to operate a water discharge activity at

Wilton Industrial Estate
Wilton
Middlesbrough
Cleveland
TS90 8WS

The notice shall take effect from 31/07/2014

Name	Date
Maria Gibbons	31/07/2014

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit QR.25/04/1528 as a result of an Environment Agency initiated variation except the dry weather flow and ammoniacal nitrogen limit conditions which are varied as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
QR.25/04/1528

This is the consolidated permit referred to in the variation and consolidation notice for application QR.25/04/1528/V001 authorising,

Sembcorp Utilities (UK) Limited (“the operator”),
whose registered office is

Sembcorp UK Headquarters
Wilton International
Middlesbrough
Cleveland
TS90 8WS

company registration number 04636301

to operate a water discharge activity at

Wilton Industrial Estate
Wilton
Middlesbrough
Cleveland
TS90 8WS

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Maria Gibbons	31/07/2014

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green and the discharge(s) shall be made at the point(s) marked on the site plan at schedule 7 to this permit and as listed in table S3.2 (discharge points).

2.3 Improvement programme

2.3.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

3 Emissions and monitoring

3.1 Emissions to water

3.1.1 The limits given in schedule 3 table S3.1 shall not be exceeded.

- 3.1.2 (a) If the measured Dry Weather Flow exceeds the permitted Dry Weather Flow limit then the operator shall, as soon as is practicable, investigate the reasons for the exceedance. The operator shall report the reasons for the exceedance to the Environment Agency and the steps that it proposes to take to restore compliance. An exceedance of the Dry Weather Flow limit shall not be recorded as a failure if the operator takes appropriate steps to restore compliance;
- (b) If the measured Dry Weather Flow exceeds the permitted Dry Weather Flow limit because of unusual rainfall during the 12-month period, then it will not be recorded as a failure of the Dry Weather Flow limit. For the purposes of this condition, unusual rainfall shall mean rainfall that causes significantly higher sewage flows during the three-month period that normally records the lowest flows;
- (c) The permitted Dry Weather Flow limit is set at the operator's planned annual 80% exceeded flow;
- (d) For compliance with this permit, the measured Dry Weather Flow is that total daily volume that is exceeded by 90% of the recorded measured total daily volume values in any period of 12 months; and
- (e) For unusual rainfall to be considered, the operator shall notify the Environment Agency and provide supporting evidence as part of the normal specified data returns.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 The operator shall take appropriate measures to minimise so far as reasonably practicable the polluting effects of the emissions of substances not controlled by emission limits (excluding odour).

3.3 Monitoring

- 3.3.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.3.
- 3.3.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.3.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.3.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.3.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out at the monitoring points specified in schedule 3 table S3.3 unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and monitoring points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.3 Notifications

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in schedule 3 table S3.1; or
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

4.3.5 Where the operator proposes to make a change in the nature of the activity by increasing the concentration of, or the addition of, or allowing the introduction of, a pollutant to the activity to an extent that the activity may be liable to cause pollution and the change is not permitted by emission limits specified within schedule 3 table S3.1 or the subject of an application for approval under the EP Regulations or this permit:

- (a) the Environment Agency shall be notified in writing at least 14 days before the increase or addition or allowing the introduction; and
- (b) the notification shall contain a description of the proposed change.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 Activities		
Activity reference	Description of activity	Limits of specified activity
A1	Discharge of sewage and trade effluent from the Wilton Site via outlet 1	The discharge shall consist of trade effluent, sewage effluent and surface water in admixture
A2	Discharge of trade effluent in an emergency via outlet 1	The discharge shall only occur when: <ul style="list-style-type: none"> a) There is an electrical or mechanical failure such that trade effluent cannot be transferred from the site to the Bran Sands effluent treatment plant b) The Bran Sands effluent treatment plant is unable to accept the transferred effluent c) The discharge shall only be made when respectively the effluent storage lagoons are full, and/or the effluent equalisation tanks are full, and the storage capacity of the Wilton buffer tanks is fully utilised

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IP1	Carry out a feasibility study into the installation of MCERTS flow meters to enable compliance with condition 3.3.3	31/12/2014
IP2	Following the submission and assessment of the feasibility study required in IP1, the operator shall make the necessary improvements to the flow monitoring system to ensure compliance with condition 3.3.3.	As agreed in writing with the Environment Agency

Schedule 2 - Waste types, raw materials and fuels

Schedule 2 not in use.

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Discharge source and discharge point ref. & location	Parameter	Limit (including unit)	Reference Period	Limit of effective range	Monitoring frequency	Compliance Statistic
Sewage and trade effluent from the Wilton Site via outlet 1	Dry weather flow	49,999 m ³ /day	Total daily volume	N/A	Continuous	(Condition 3.1.2 applies)
	15-minute instantaneous or integrated flow	No limit set. Record as l/s	15 minute	N/A	Continuous	N/A
	pH	5 to 11.5	Instantaneous (spot sample) and/or 24 hour composite	N/A		Minimum and maximum
	Visible oil or grease	No significant trace present	Instantaneous (spot sample)	N/A		No significant trace
	Temperature ° C	35 ° C	Instantaneous (spot sample)	N/A		Maximum
	1,2 dichloroethane	0.7mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
	1,2 dichloroethane	2,260kg/year	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum annual load (average daily load based on 48 consecutive spot samples multiplied by 365days)
	Suspended solids (measured after drying at 105° C)	850 mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum

ATU-BOD as O2	750 mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
ATU-BOD as O2	23 tonnes/day	Instantaneous (spot sample) and/or 24 hour composite	N/A		Average daily load (based on 5 consecutive composite sample)
Ammoniacal Nitrogen (N)	21.8mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Chloroform (as CHCl3)	1.4mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Chloroform (as CHCl3)	0.1 tonnes/day	Instantaneous (spot sample) and/or 24 hour composite	N/A		Average daily load (based on 5 consecutive composite sample)
Cadmium (total)	0.015mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Mercury (total)	0.005mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Copper (total)	1.0 mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Copper (total)	0.06 tonnes/day	Instantaneous (spot sample) and/or 24 hour composite	N/A		Average daily load (based on 5 consecutive composite sample)
Chromium (total)	0.5 mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Chromium (total)	0.06 tonnes/day	Instantaneous (spot sample) and/or 24 hour composite	N/A		Average daily load (based on 5 consecutive composite sample)
Zinc (total)	0.5 mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum

Zinc (total)	0.06 tonnes/day	Instantaneous (spot sample) and/or 24 hour composite	N/A		Average daily load (based on 5 consecutive composite sample)
Phenol (as total monohydric phenol)	4.5mg/l	Instantaneous (spot sample)	N/A		Maximum
Free Cyanide (CN)	0.45mg/l	Instantaneous (spot sample) and/or 24 hour composite	Until 1 April 2015		Maximum
Free Cyanide (CN)	0.25mg/l	Instantaneous (spot sample) and/or 24 hour composite	From 1 April 2015 until 1 April 2016		Maximum
Free Cyanide (CN)	0.1mg/l	Instantaneous (spot sample) and/or 24 hour composite	From 1 April 2016		Maximum
Benzene	4.25mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Toluene	2.0mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum
Xylene	2.5mg/l	Instantaneous (spot sample) and/or 24 hour composite	N/A		Maximum

Table S3.2 Discharge points

Effluent Name	Discharge Point	Discharge point NGR	Receiving water/Environment
Sewage and trade effluent from the Wilton Site	Outlet 1	NZ 56140 24055	Dabholm Gut, a tributary of the River Tees (saline estuary)
Trade effluent in an emergency from the Wilton Site	Outlet 1	NZ 56140 24055	Dabholm Gut, a tributary of the River Tees (saline estuary)

Table S3.3 Monitoring points			
Effluent(s) and discharge point(s)	Monitoring type	Monitoring point NGR	Monitoring point reference
Sewage and trade effluent from the Wilton Site via outlet 1	Spot sample effluent monitoring	NZ 57463 23512	Sewage and trade effluent monitoring point
Sewage and trade effluent from the Wilton Site via outlet 1	Composite sample effluent monitoring	NZ 57463 23512	Sewage and trade effluent monitoring point
Trade effluent in an emergency from the Wilton Site via outlet 1	Spot sample effluent monitoring	NZ 57463 23512	Trade effluent in an emergency monitoring point
Trade effluent in an emergency from the Wilton Site via outlet 1	Composite sample effluent monitoring	NZ 57463 23512	Trade effluent in an emergency monitoring point
Sewage and trade effluent from the Wilton Site via outlet 1	Flow monitoring	NZ 57438 23543	Flow monitoring point

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Monitoring point reference	Reporting period	Period begins
Total daily volume	Flow monitoring point	Annually	1 January

Table S4.2 Reporting forms	
Parameter	Reporting format
Total daily volume	WISKI electronic format specified by the Environment Agency
15-minute flow	WISKI electronic format specified by the Environment Agency

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection unless otherwise agreed in writing by the Environment Agency	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released/type or nature of effluent released	
Best estimate of the quantity or rate of release of substances and/or duration of discharge	
Best estimate of the environmental impact of the discharge	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit specified in schedule 3 table S3.1	
To be notified as soon as practicable following detection by a reporting system and format specified by the Environment Agency, unless otherwise agreed in writing by the Environment Agency	
Monitoring point reference/ source	
Self monitoring regime (where relevant)	
Type of failure	Failure of Table S3.1 limits
Date of sample/event	
Parameter	
Result and units	
Limit and units	

Part B - to be submitted as soon as practicable unless otherwise agreed in writing by the Environment Agency

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident/breach/exceedance	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

"accident" means an accident that may result in pollution.

"annually" means once every year.

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"emissions of substances not controlled by emission limits" means emissions of substances to air, water or land from the activities, which are not controlled by an emission or background concentration limit.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

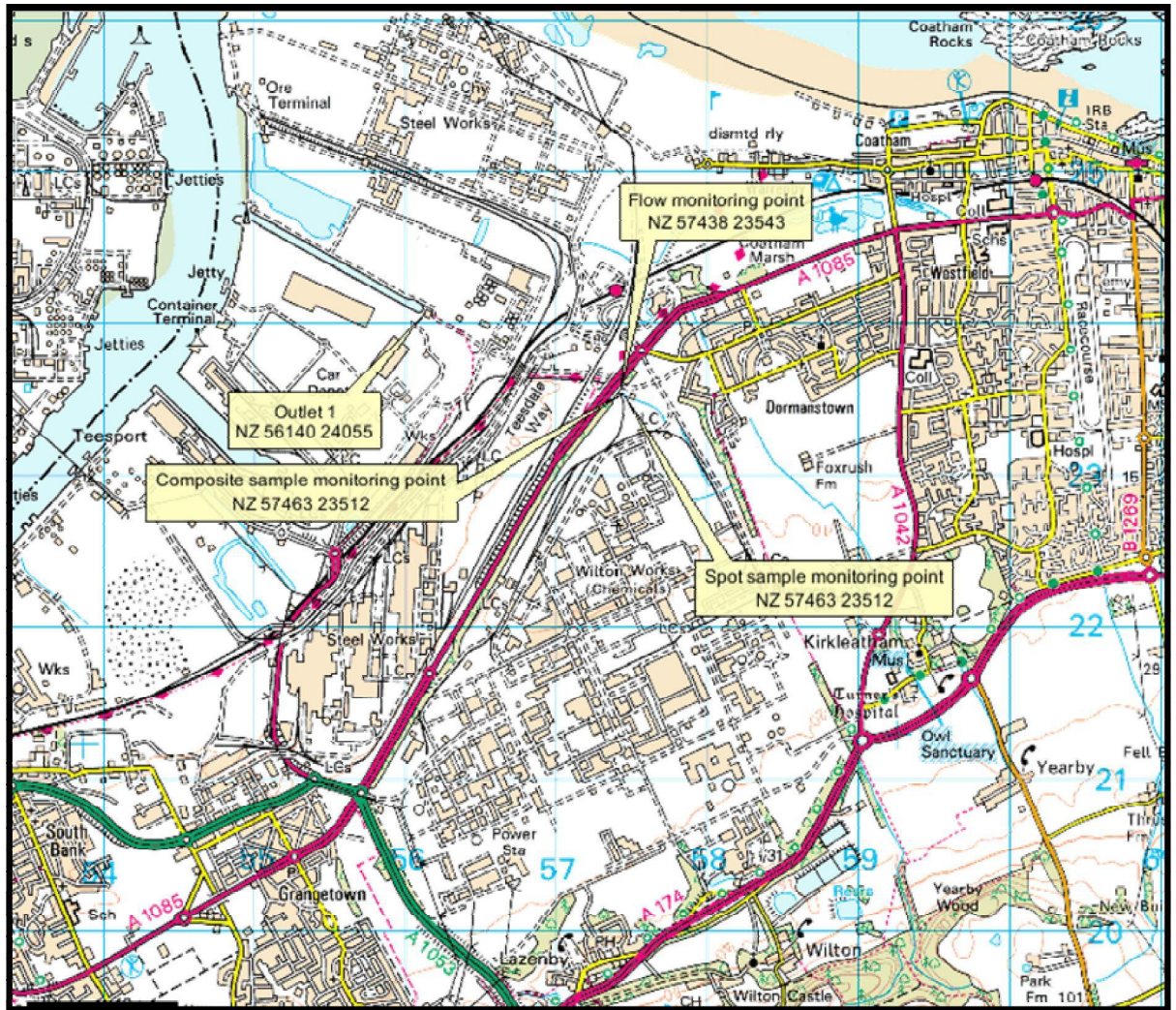
"quarter" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"significant pollution" means a category 1 or category 2 incident indicated by the Common Incident Classification Scheme (CICS).

"year" means calendar year ending 31 December.

Except where specified, the daily load of a particular substance shall be estimated by using the concentration of the relevant substance in a composite sample of the discharge collected on any day and the volume of the discharge measured on the same day. The average daily load shall be the average of 5 individual assessments of the daily load obtained on 5 consecutive sampling occasions.

Schedule 7 - Site plan



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Site Boundary



END OF PERMIT

Permit Number
QR.25/04/1528