



## Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2007

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Cumbrian Storage Transhipment  
Facility

Cumbrian Storage Limited  
Sites 1 and 2  
Prince of Wales Dock  
Workington  
Cumbria  
CA14 1BN

Permit number  
EPR/RP3730GY

# Cumbrian Storage Transhipment Facility

## Permit number EPR/RP3730GY

### Introductory note

#### ***This introductory note does not form a part of the permit***

The main features of the facility are as follows

The installation is located within the Prince of Wales Dock, Worthington, Cumbria, CA14 1BN at reference NG,299236,529485 and NG,299503,529579. The site is situated within a working harbour and surrounded by industry.

The installation will undertake the bulk liquid storage of chemicals and oils before being transferred for appropriate disposal or recovery processes at other installations. The installation is situated within two areas, Site 1 south and Site 2 north. Site 1 south receives and transfers materials from road type tankers and can also receive from ships / marine vessels and to and from road / rail wagon within a bunded impermeable area. Surface waters from Site 1 south, prior to discharge, passes through a series of interceptors prior to release to the unified common site port authority discharge point (W1). Site 2 north also lies on an impermeable concrete base and is also protected by a series of sumps prior to discharge to United Utilities Sewer (S1). The sumps within both sites undergo visual inspection prior to discharge in sequence, and if necessary can be vacuum tankered out for appropriate disposal.

All storage tanks are reported to be in good condition, fit for purpose and appropriately contained within impervious bunding that have a capacities of at least 110% of the largest storage tanks, and will be maintained to a high standard. However, Site 2 north will be required to undertake measures prior to its operation via a Pre-operational condition within the permit.

There are no report significant abated point source emissions to air from the installation, and no reported emission to groundwater.

There are Sites of Special Scientific Interest (SSSIs) within 2 km and designated European sites within 10 km including Siddick Pond and the River Derwent & Bassenthwaite Lake. Assessment by the operator and the Environment Agency has indicated that emissions from the installation are unlikely to have a significant impact on the receiving environment.

#### Status Log of the permit

Detail	Date	Response Date
Application EPR/RP3730GY/A001	Duly trace 09/12/08	
Additional information received regarding site plan, cranes and emissions to air	Requested 06/04/09	06/04/09
Additional information received regarding site plan and drainage.	Requested 07/04/09	08/04/09
Additional information received regarding EWC code applied for.	Requested 25/05/09	01/06/09
Permit determined EPR/RP3730GY	09/07/09	

End of Introductory Note

**Permit**

The Environmental Permitting (England and Wales) Regulations 2007

## Permit

Permit number

**EPR/RP3730GY**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2007

**Cumbria Storage Limited** ("the Operator"),

whose registered office is

**Prince of Wales Dock**

**Port of Workington**

**Cumbria**

**CA14 1BN**

company registration number **01130726**

to operate a facility comprising an installation at

**Site 1 and 2**


**Prince of Wales Dock**

**Workington**

**Cumbria**

**CA14 1BN**

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

Name	Date
	9 <sup>th</sup> July 2009

Paul Butler

Authorised on behalf of the Agency

# 1 Management

## 1.1 General management

- 1.1.1 The activities shall be managed and operated:
- (a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and closure and those drawn to the attention of the operator as a result of complaints; and
  - (b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.
- 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.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme or shall hold an appropriate certificate of technical competence or other approval issued by the Agency.

## 1.2 Accident management plan

- 1.2.1 The operator shall:
- (a) maintain and implement an accident management plan;
  - (b) review and record at least every 4 years or as soon as practicable after an accident (whichever is the earlier) whether changes to the plan should be made;
  - (c) make any appropriate changes to the plan identified by a review.

## 1.3 Energy efficiency

- 1.3.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
  - (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the activities; and
  - (c) take any further appropriate measures identified by a review.

## 1.4 Efficient use of raw materials

- 1.4.1 The operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities.

- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any appropriate further measures identified by a review.

## **1.5 Avoidance, recovery and disposal of wastes produced by the activities**

1.5.1 The operator shall:

- (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
- (b) review and record at least every 4 years whether changes to those measures should be made; and
- (c) take any further appropriate measures identified by a review.

## **2 Operations**

### **2.1 Permitted activities**

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

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.2 The site**

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 2 to this permit.

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

### **2.3 Operating techniques**

2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Agency.

(b) If notified by the Agency that the activities are giving rise to pollution, the operator shall submit to the Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Agency.

- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 3 table S3.2 and
  - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazard classification associated with the waste; and
  - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **2.4 Improvement programme**

- 2.4.1 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 Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

## **2.5 Pre-operational conditions**

- 2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

# **3 Emissions and monitoring**

## **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 4 tables S4.1, S4.2 and S4.3.

## **3.2 Fugitive emissions of substances**

- 3.2.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including those specified in any approved fugitive emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

- 3.2.2 The operator shall:
- (a) if notified by the Agency that the activities are giving rise to pollution, submit to the Agency for approval, within the period specified, a fugitive emissions management plan;
  - (b) implement the approved fugitive emissions management plan, from the date of approval, unless otherwise agreed in writing by the Agency.
- 3.2.3 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### 3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to annoyance outside the site due to odour, submit to the Agency for approval within the period specified, an odour management plan;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Agency.

### 3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Agency that the activities are giving rise to annoyance outside the site due to noise and vibration, submit to the Agency for approval within the period specified, a noise and vibration management plan;
  - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Agency.

### 3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Agency, undertake the monitoring specified in the following tables in schedule 4 to this permit:

- (a) point source emissions specified in tables S4.1, S4.2 and S4.3;
- (b) surface water specified in table S4.4

## **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 Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
  - (i) off-site environmental effects, and
  - (ii) matters which affect the condition of the land and groundwater.

4.1.2 All records, plans and the management system required to be maintained by this permit shall be held on the site.

### **4.2 Reporting**

4.2.1 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.

### **4.3 Notifications**

4.3.1 The Agency shall be notified without delay following the detection of

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit; 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 6 to this permit within the time period specified in that schedule.



4.3.3 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The 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;
- (b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and
- (c) 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.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

## 4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 7 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	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex IIA and IIB operations	Limits of specified activity and waste types
A1	<p>S5.3 A1 (a)</p> <p>The disposal of waste (or other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.</p>	<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection on the site where it is produced)</p> <p>R16 – Storage of hazardous waste</p>	<p>Waste types and quantities as specified in Table S3.2.</p> <p>The site shall hold a maximum of less than 25 000 tonnes on site at any one time of Petroleum products (Below the upper tier COMAH threshold).</p>

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to section 2.1 (excluding 2.1.3 and 2.1.5) and 2.2 in the Application.	09/12/08
Additional information	Additional information received regarding site plan, drainage and emissions to air	06/04/09
Additional information	Additional information received regarding site plan and drainage	06/04/09
Additional information	Additional information received regarding EWC code applied for	01/06/09

**Table S1.3 Improvement programme requirements**

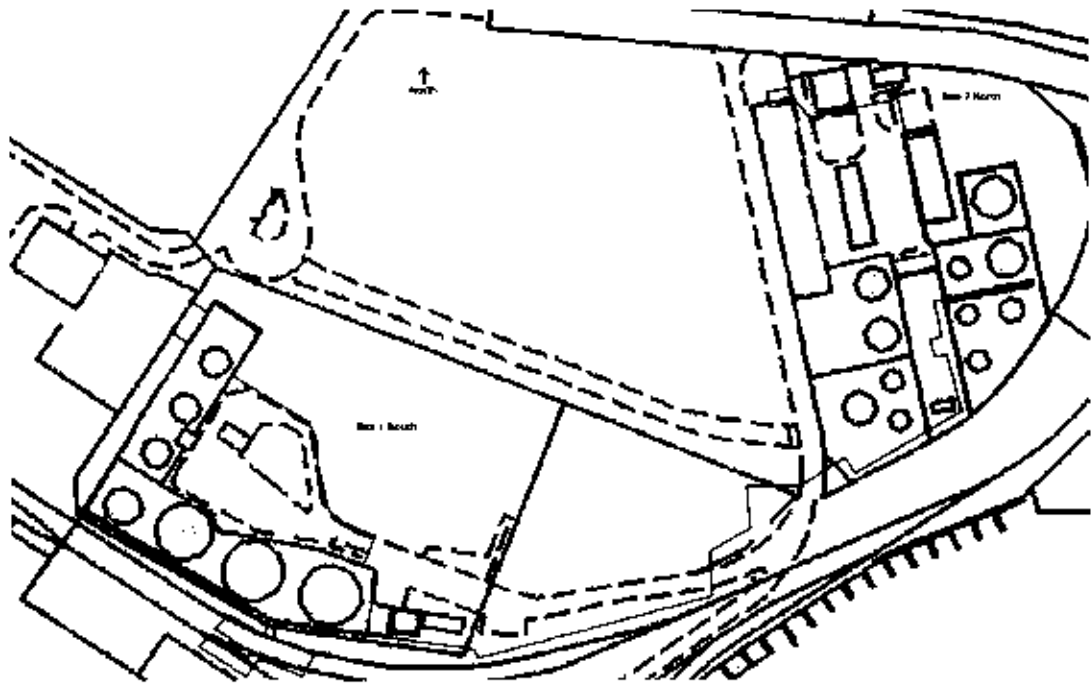
Reference	Requirement	Date
IC1	<p>The Operator shall undertake an assessment of the containment measures, to include but not limited to appropriate containment of potentially polluting substances within the installation. And undertaken by a suitably qualified independent structural/civil engineer. The assessment shall take into account the requirements of sections 2.1.2, 2.1.3 and 2.2.5 of Sector Guidance Note 5.06 'Recovery and Disposal Hazardous And Non-Hazardous Waste' and Pollution Prevention Guidelines PPG05 'Safe Storage and disposal of used oils'.</p> <p>A written report summarising the findings shall be submitted to the Agency for approval. A timescale for the implementation of any improvements shall be agreed with the Agency in writing.</p> <p>The notification requirements of condition 2.4.2 shall be deemed to have been complied with on submission of the report.</p>	31/12/09
IC2	<p>The Operator shall develop a monitoring plan to be submitted to the Agency in writing that shall detail the proposed methodologies to be used within the installation to carry out the monitoring of air emissions and performance. The methodology for the monitoring of emissions to air from emission points within the installation shall take into account the requirements section 2.2.1 of Sector Guidance Note 5.06, 'Recovery and Disposal Hazardous And Non-Hazardous Waste'.</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Agency.</p>	31/12/09
IC3	<p>The Operator shall review the levels of emissions following completion of the monitoring exercise carried out in accordance with improvement condition IC2 to determine actual values for the releases to air.</p> <p>The Operator shall use these obtained release data to establish the actual impact on air quality through the use of an appropriate air screen dispersion model.</p> <p>Where an exceedance of an ELV limit value is predicted and the operator would provide a significant contribution to the exceedance then the review shall assess whether it is necessary to implement measures beyond indicative BAT in order to ensure that the contribution is minimised taking into account the requirements section 2.1.3 of Sector Guidance Note 5.06 'Recovery and Disposal Hazardous And Non-Hazardous Waste'.</p> <p>The results of the review and modelling shall be submitted to the Agency in a written report.</p>	As determined via completion of IC2.
IC4	<p>The Operator shall submit a written proposal to the Agency for approval detailing a monitoring programme to demonstrate that hydrocarbons are not released into the Harbour from emission point W1 of the installation, having regard to Technical Guidance Note M15 'Monitoring of discharges to water and sewer'. The monitoring programme shall be implemented to a timescale agreed in writing with the Agency.</p>	30/09/09

**Table S1.4 Pre-operational measures**

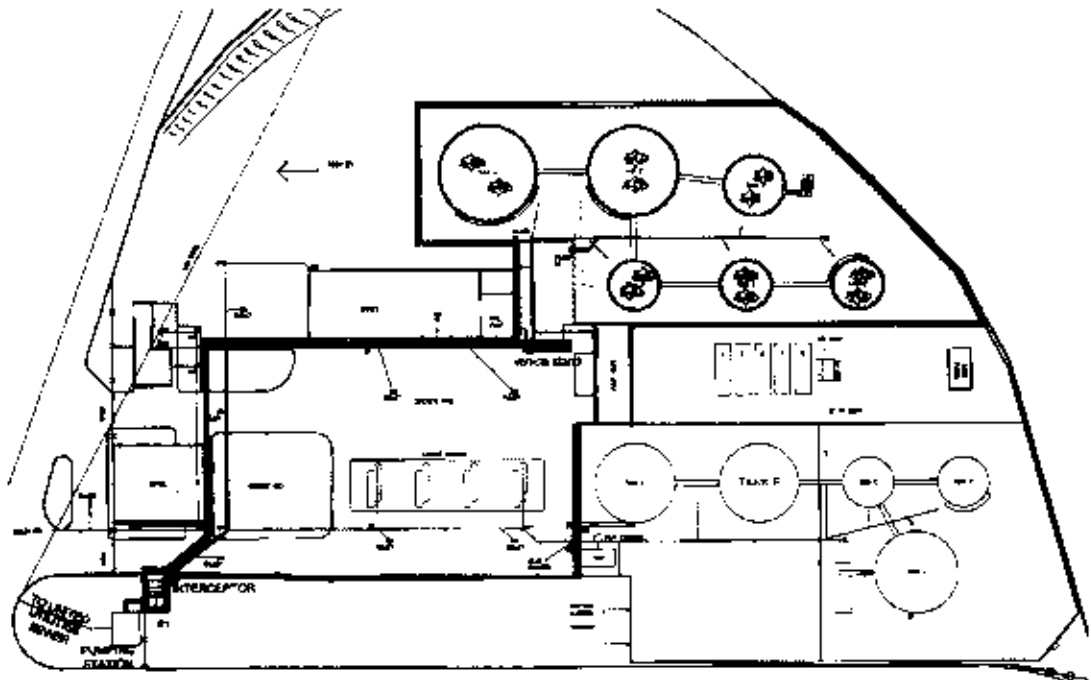
<b>Reference</b>	<b>Pre-operational measures</b>
1	<p>The Operator shall undertake an assessment of the measures and procedures provided at Site 2 North for the appropriate containment of the potentially polluting substances stored on site. The assessment shall be undertaken by a suitably qualified independent structural / civil engineer and shall take into account the requirements of sections 2.1.3 and 2.2.5 of Sector Guidance Note 5.06, "Guidance for the Recovery and Disposal - Hazardous And Non Hazardous Waste" and Pollution Prevention Guidelines PPG08 "Safe Storage and disposal of used oils".</p> <p>A written report summarising the findings of the assessment shall be submitted to the Agency for approval. A timescale for the completion of any improvements shall be agreed with the Agency in writing.</p> <p>Site 2 North shall not become operational until the Operator has completed the identified improvements in accordance the agreed timescales unless otherwise agreed in writing with the Agency.</p>

## Schedule 2 - Site plan

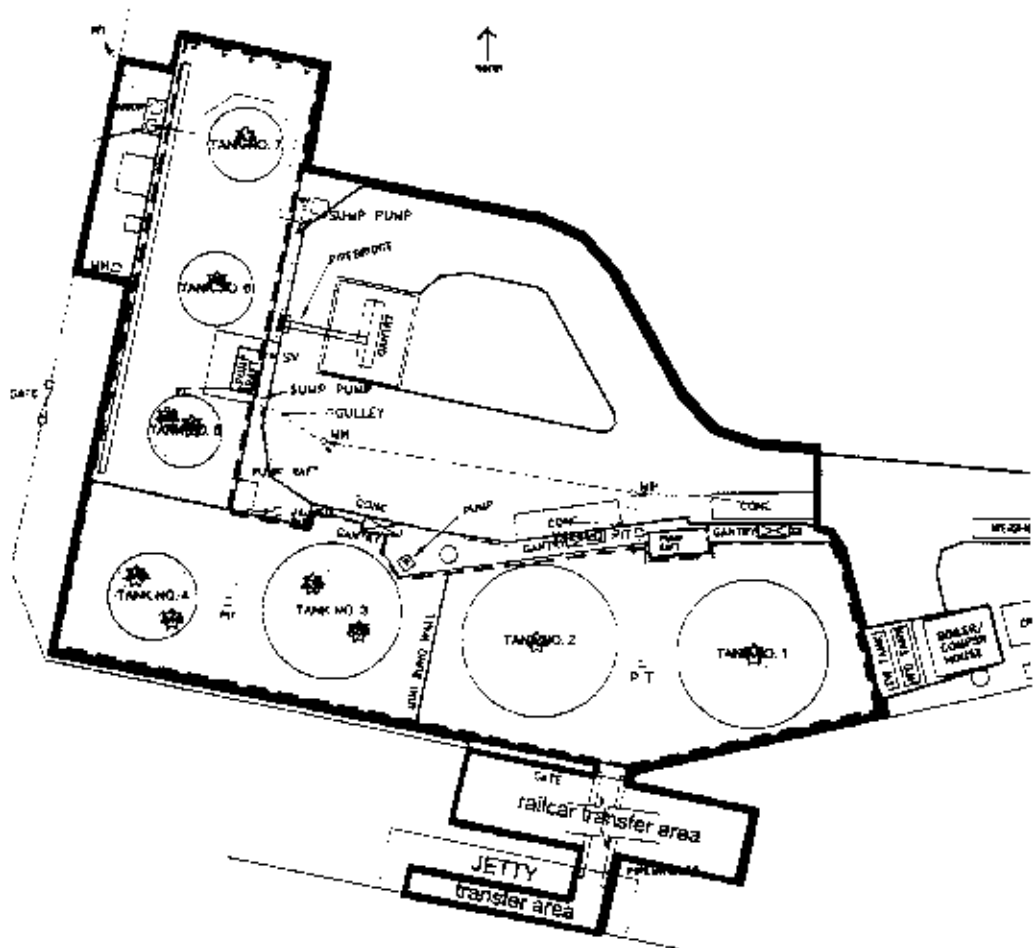
Whole site



North Site 2



South Site 1



## Schedule 3 - Waste types, raw materials and fuels

Table S3.1 Raw materials and fuels

Raw materials and fuel description

Specification

**Table S3.2 Permitted waste types and quantities for waste storage**

<b>Maximum quantity</b>	<b>Description</b>
	Annual throughput 35,000 tonnes H7H-14
	Storage of Petroleum products limited to a maximum of less than 25,000 tonnes on site at any one time (Below the upper Tier CCVAH threshold).
<b>Waste code</b>	<b>Description</b>
05 01 05*	Oil spills
05 01 12*	Oils containing acids
07 01 08*	other still bottoms and reaction residues
08 03 19*	disperse oil
10 02 11*	wastes from cooling-water treatment containing oil
10 05 08*	wastes from cooling-water treatment containing oil
10 07 07*	wastes from cooling-water treatment containing oil
10 08 19*	wastes from cooling-water treatment containing oil
12 01 08*	mineral based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 19*	readily biodegradable machining oil
13 01 01*	hydraulic oils containing PCBs
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03 01*	insulating or heat transmission oils containing PCBs
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01*
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04 01*	bilge oils from in and navigator
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigator
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08 02*	other emulsions
16 07 08*	wastes containing oil
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01



**Table S3.2 Permitted waste types and quantities for waste storage**

<b>Maximum quantity</b>	Annual throughput 35,000 tonnes H7:H*4 Storage of Petroleum products limited to a maximum of less than 25,000 tonnes on site at any one time (Below the upper Tier COMAH threshold).
<b>Waste code</b>	<b>Description</b>
19 02 04*	pre-mixed wastes composed of at least one hazardous waste
19 02 07*	oil and concentrates from separator
19 08 09	grease and oil mixture from oil/water separation containing edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
01 05 05*	oil-containing drilling muds and wastes
05 01 06*	oily sludges from maintenance operations of the plant or equipment
10 01 04*	oil fly ash and boiler dust
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 08 01*	desalter sludges or emulsions

## Schedule 4 – Emissions and monitoring

Table S4.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A-1 Pressure vent / relief valve	No parameters set	Storage tank 1	No limit set	--	--	Permanent sampling access not required
A-2 Pressure vent / relief valve	No parameters set	Storage tank 2	No limit set	--	--	Permanent sampling access not required
A-3-a Pressure vent / relief valve	No parameters set	Storage tank 3	No limit set	--	--	Permanent sampling access not required
A-3-b Pressure vent / relief valve	No parameters set	Storage tank 3	No limit set	--	--	Permanent sampling access not required
A-4-a Pressure vent / relief valve	No parameters set	Storage tank 4	No limit set	--	--	Permanent sampling access not required
A-4-b Pressure vent / relief valve	No parameters set	Storage tank 4	No limit set	--	--	Permanent sampling access not required
A-5-a Pressure vent / relief valve	No parameters set	Storage tank 5	No limit set	--	--	Permanent sampling access not required
A-5-b Pressure vent / relief valve	No parameters set	Storage tank 5	No limit set	--	--	Permanent sampling access not required
A-6 Pressure vent / relief valve	No parameters set	Storage tank 6	No limit set	--	--	Permanent sampling access not required
A-7 Pressure vent / relief valve	No parameters set	Storage tank 6	No limit set	--	--	Permanent sampling access not required
A-A-a Pressure vent / relief valve	No parameters set	Storage tank A	No limit set	--	--	Permanent sampling access not required
A-A-b Pressure vent / relief valve	No parameters set	Storage tank A	No limit set	--	--	Permanent sampling access not required

A-B a	No parameters set	Storage tank B	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-B b	No parameters set	Storage tank B	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-C a	No parameters set	Storage tank C	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-C b	No parameters set	Storage tank C	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-D a	No parameters set	Storage tank D	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-D b	No parameters set	Storage tank D	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-I a	No parameters set	Storage tank I	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-I b	No parameters set	Storage tank I	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-K a	No parameters set	Storage tank K	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						
A-K b	No parameters set	Storage tank K	No limit set	--	--	Permanent sampling access not required
Pressure vent / relief valve						

**Table S4.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on site plan in schedule 2 emission to unified combined harbour outfall (Site 1 South)	No parameters set	Uncontaminated Surface water	--	--	--	--

**Table S4.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 2 emission to United Utilities Sewers (Site 2 North)	No parameters set	Uncontaminated Surface water	--	--	--	--

**Table S4.4 Surface water monitoring requirements**

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
W1 on site plan in schedule 2 emission to unified combined harbour outfall (Site 1 South)	No visible oils  (Uncontaminated Surface water)	--	--	--

## Schedule 5 - Reporting

**Table S5.1 Performance parameters**

Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh

**Table S5.2 Reporting forms**

Media/parameter	Reporting format	Date of form
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	09/07/09
Surface water	Form Surface water 1 or other form as agreed in writing by the Agency	09/07/09

## Schedule 6 - 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	EPR/RP3730GY
Name of operator	Cumbrian Storage Limited
Location of Facility	Prince of Wales Docks, Workington, Cumbrian, CA14 1BN
Time and date of the detection	

**(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution**

To be notified within 24 hours of detection

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	
Best estimate of the quantity or rate of release of substances	
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**

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

**Part B - to be submitted as soon as practicable**

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	
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	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* authorised to sign on behalf of **Cumbrian Storage Limited**

## Schedule 7 - 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.

"*authorised officer*" means any person authorised by the Agency under section 108(1) of The Environment Act 1995 to exercise in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"*emissions to land*", includes emissions to groundwater

"*EP Regulations*" means The Environmental Permitting (England and Wales) Regulations SI 2007 No.3538 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*fugitive emission*" means an emission to air, water or land from the activities which is not controlled by an emission or background concentration limit.

"*groundwater*" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

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

"*hazardous waste*" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005.

"*R*" means a recovery operation provided for in Annex IIB to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste.

"*D*" means a disposal operation provided for in Annex IIA to Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on Waste

"*Waste code*" means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste includes the asterisk.

"*year*" means calendar year ending 31 December

END OF PERMIT



Permit Number: **EPR/RP3730GY** Operator: **Cumbrian Storage Limited**  
 Facility: **Cumbrian Storage Transhipment Facility** Form Number: **Energy1 / 09/07/09**

**Reporting of Energy Usage for the year 2009**

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity*	_____ MWh	_____	_____
Natural Gas	_____ MWh	_____	_____
Gas Oil	_____ tonnes	_____	_____
Recovered Fuel Oil	_____ tonnes	_____	_____
TOTAL	_____	_____	_____

\* Conversion factor for delivered electricity to primary energy – 2.6

Operator's comments \_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_  
 (Authorised to sign as representative of Operator)

Permit Number: **EPR/RP3730GY** Operator: **Cumbrian Storage Limited**  
 Facility: **Cumbrian Storage Transhipment Facility** Form Number: **Surface Water1 / 09/07/09**

**Reporting of emissions to surface water (other than to sewer) and land for the period from / / to / /**

Emission Point	Emission		Reference Period	Result <sup>(1)</sup>	Test Method <sup>(2)</sup>	Sample Date and Times <sup>(3)</sup>	Uncertainty <sup>(4)</sup>
	Substance / Parameter	Limit Value					
W1	No visible oils	--	--	--	--	--	--

- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the minimum – maximum measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ..... Date.....  
 (Authorised to sign as representative of Operator)