

Compliance Assessment Report

Report ID:
CAR_NRW0026691

This form will report compliance with your permit as determined by an NRW officer

Site	Thorncliffe Building Supplies Limited	Permit Ref	JP3894FM		
Operator/Permit holder	Thorncliffe Building Supplies Ltd				
Regime	Waste Operations				
Date of assessment	20/10/2016	Time in	09:00	Out	17:00
Assessment type	Audit				
Parts of the permit assessed	All Below				
Lead officer's name	Ellis, Rhys				
Accompanied by	Sowerby, Andrew R.				
Recipient's name/position	Tim Harper / Jim Harper / Director / Skips Operations Manger	Date issued	17/02/2017		

Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations or the licence under the Water Resources Act 1991 as amended by the Water Act 2003. A detailed explanation is captured in "Compliance Assessment Report Detail" (Section 2) and any actions you may need to take are given in the "Action(s)" (section 4). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our Compliance Classification Scheme (CCS). CCS Scores can be consolidated or suspended where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your local office.

Permit conditions and compliance summary	CCS Category	Condition(s) breached
C2 - Infrastructure - Management system and operating procedures	A	
C3 - Infrastructure - Materials acceptance	A	
G2 - Infrastructure - Records of activity, site diary/journal/events	A	
G4 - Infrastructure - Reporting and notification to Natural Resources Wales	X	

KEY: See Section 5 for breach categories, suspended scores will be indicated as such.

A = Assessed or assessed in part (no evidence of non-compliance), **X** = Action only, **O** = Ongoing non-compliance, not scored.

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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If the Number of breaches recorded is greater than zero, please see Section 3 for our proposed enforcement response

Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- The part(s) of the permit that were assessed (eg. Maintenance, training, combustion plant, etc)
- Where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- Any non-compliances identified
- Any non-compliances with directly applicable legislation
- Details of any multiple non-compliances
- Information on the compliance score accrued inc.
- Details of advice given
- Any other areas of concern
- Any actions requested
- Any examples of good practice
- A reference to photos taken

Regulatory officers Rhys Ellis and Andrew Sowerby met with Tim Harper and Jim Morgan

The purpose of the visit today was to carry out a RDF/Trommel audit on site and to do a handover visit.

Following the variation to add refuse derived fuel RDF facility with associated treatment and variation and consolidation to an installation following the implementation of the Industrial Emissions Directive, the permit is now regulated by the Industry Regulation team. Rhys Ellis is now the Regulatory officer.

A brief site inspection was carried out. The site during the visit was accepting waste. Tim Harper and Jim Morgan explained the improvement that Thorncliffes have undertaken on site including the new building that is now covering the reception hall for the incoming waste for the RDF production line.

No breaches were noted during the visit.

RDF/Fines Audit.

In summary the aim of the audit is to attempt to establish any common industrial practices with regards to RDF and ultimately to ensure that all companies in North Wales are producing, storing and classifying RDF appropriately and consistently. The audit was done as one of a number of other similar visits being carried out at targeted permitted sites across North Wales.

Below is a brief summary of what was discussed on site. If there are any questions or comments regarding the information please contact us so that we can ensure the correct information is recorded. The information we received on the day of the visit will be compiled with information received from a number of other 'mini audits' undertaken at other permitted sites across North Wales. The hope is that this information will provide a picture of how these waste streams are being dealt with and if there are any common issues that need to be followed up we can decide how these are best dealt with consistently across the area.

Fines

Skip waste (builders waste etc) is tipped within the waste transfer station building and sorted. Fines from this process are classified as 19 12 09 (minerals (for example sand, stones)) and normally sent to Inertia Recycling Ltd at Ballswood Quarry, Gegin Lane, Llay.

If coding any waste fines as 19 12 09 (minerals (for example sand, stones)) you should, at least, be able to confirm the following information:

- ☐ * Confirmation that the waste inputs are predominantly inert and mineral in nature.
- ☐ * Confirmation that the waste outputs are predominantly inert and mineral in nature.
- ☐ * Waste transfer notes to confirm the source of the waste inputs
- ☐ * Details of all the processing the waste undergoes at the treatment facility
- ☐ * WTNs for all residues and outputs from the processing
- ☐ * Records of any sampling and testing undertaken on the waste inputs and output

Mixed waste is normally tipped within the RDF tipping area and sent through the RDF production plant for processing. Fines are produced from the trommel phase of this process. There is then a level of further treatment to these fines to remove metals. The resultant fines are separated into different grades with the larger fractions sent back through the process to end up as RDF. The smaller fraction of fines is classified as 19 12 12. The 19 12 12 waste fraction is generally sent to Llanddulas Landfill Site

RDF – Refuse Derived Fuel

The main input into the RDF manufacturing process is mixed municipal waste (20 03 01). Once the waste has been processed it then leaves site as either loose or baled RDF. The baled and wrapped RDF is generally exported whilst the loose RDF is sent to a permitted site in Runcorn. The RDF is produced to a written specification that includes details such as fraction size, calorific value, moisture content, inert material content levels, chlorine and sulphur levels and a typical composition of the waste.

The destination to which the exports of RDF go to seem to be determined by the waste broker Thorncliffes deal with. These brokers arrange for the RDF to be tested at intervals to ensure the quality of the waste at Thorncliffes is maintained. We were

informed that in terms of storage periods the RDF is only on site for a maximum of 48 hours or over the weekend. In terms of paperwork, Thornclyffes keep transfer notes for all deliveries of RDF. For RDF that is exported the transfer notes are for the transfer of waste from Thornclyffes to a permitted site at Immingham docks. Once the waste arrives at Immingham docks the paperwork is dealt with by the waste broker. The coding of RDF was also discussed during the visit and further information was provided following the meeting, in summary;

- Exported RDF is normally baled and wrapped and is coded as EWC code 19 12 10 (combustible waste (refuse derived fuel)).
- RDF that is sent off site loose is classified as 19 12 12 (other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11). This is normally sent to Viridor EfW. No further processing of this waste is occurring at Runcorn to this waste.
- Both waste streams are regularly tested by the waste brokers who will visit the site at random intervals.
- A copy of the typical specifications of this RDF material was provided. The exported RDF and RDF sent to Runcorn is produced to the same specification.

The findings of this project will be collated together and we will be looking at the results and information we have gained in relation to both management, handling and use of fines and RDF, and if there is any feedback we think needs to be passed back to operators we shall do so at that point.

As you are aware we still looking into the coding of the RDF that is leaving site for Runcorn. We have raised the questions internally and are waiting clarification. We are hoping to get further guidance/clarification on the use of these E.W.C codes in future and once we do we will provide feedback to you.

G4- Reporting and notifications. Waste returns.

On the most recent waste returns (July to September 2016) one of the EWC codes listed is 19 09 04 and the description that has been written next to it is mixed construction. The EWC code 19 09 04 actually refers to spent activated carbon waste from the preparation of water intended for human consumption or water for industrial use. It is assumed that this is a mistake made whilst completing the waste returns. Can you please ensure that this is corrected for the next set of waste returns submitted.

EPR Compliance Assessment Report

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Section 3 – Enforcement Response

You must take immediate action to rectify any non-compliance and prevent repetition.

Non-compliance with your permit conditions constitutes an offence and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.

Other than the provision of advice and guidance, at present we do not intend to take further enforcement action in respect of the non-compliance identified above. This does not preclude us from taking enforcement action if further relevant information comes to light or advice isn't followed.

Section 4 – Action(s)

This section summarises the actions identified during the assessment along with the timescales for when they will need to be completed.

Criteria Ref.	CCS Category	Action required/advised	Due Date
See Section 1 above			
G4	X	Ensure appropriate and correct E.W.C codes are inputted into the system	28/02/2017

Section 5 – Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- Advise on corrective actions verbally or in writing
- Require you to take specific actions verbally or in writing
- Issue a notice
- Require you to review your procedures or management system
- Change some of the conditions of your permit
- Decide to undertake a full review of your permit

Any breach of a permit condition is an offence and we may take legal action against you

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.
- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and/or suspension or revocation of the permit.

See our Enforcement and Civil Sanctions guidance for further information

This report does not relieve the site operator of the responsibility to

- Ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- Ensure you comply with other legislative provisions which may apply

Non-compliance scores and categories

CCS category	Description	Score
C1	A non-compliance that could have a major environmental effect	60
C2	A non-compliance which could have a significant environmental effect	31
C3	A non-compliance which could have a minor environmental effect	4
C4	A non-compliance which has no potential environmental effect	0.1

Operational Risk Appraisal (Opra) - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

Section 6 – General information

Data protection notice

The information on this form will be processed by the Natural Resources Wales (NRW) to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s). The NRW may also use and/or disclose it in connection with:

- Offering/providing you with its literature/services relating to environmental matters
- Consulting with the public, public bodies and other organisations (eg. Health and Safety Executive, local authorities) on environmental issues
- Carrying out statistical analysis, research and development on environmental issues
- Providing public register information to enquirers
- Investigating possible breaches of environmental law
- Assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Regulations request

The NRW may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The NRW will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within fifteen working days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter

What can I do if I disagree with this compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with officer's line managers using the informal appeals procedure. If you wish to raise your dispute further through our official Complaints and Commendations procedure, phone our general enquiry number 0300 065 3000 (Mon to Fri 08.00 – 18.00) and ask for the Customer Contact team or send an email to enquiries@naturalresourceswales.gov.uk. If you are still dissatisfied you can make a complaint to the Public Services Ombudsman for Wales. For advice on how to complain to the Ombudsman phone their helpline on 0845 607 0987.

Welsh Language

If you would like this form in Welsh please contact your Regulatory Officer.