

Environment Agency permitting decisions

Bespoke permit

We have decided to grant the permit for Reclamation Pond Material Recycling Facility operated by Impetus Waste Management Limited.

The permit number is EPR/ZP3333NH

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

Purpose of this document

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account

Unless the decision document specifies otherwise we have accepted the applicant's proposals.

Structure of this document

- Key issues
- Annex 1 the decision checklist

Key issues of the decision

Noise

The application is for a Non-Hazardous materials recycling facility (MRF) which will process up to 200,000 tonnes per year of residual commercial and industrial (C&I) wastes, some construction and demolition wastes (C&D) and some municipal solids wastes (MSW) mainly for the purpose of processing material into refuse derived fuel (RDF). The facility will operate 24hrs per day, 7 days per week within an enclosed purpose designed building (Over impermeable hardstanding). There are no emissions to air, land, groundwater, sewer or controlled waters except clean rainwater's via SUDS.

The nature of the operations being undertaken (crushing and screening) are inherently noisy, the applicant has submitted a full BS4142 noise risk assessment showing an increase in noise levels at Dorman's Pool (A part of Teesmouth & Cleveland Coast SPA/RAMSAR).

Existing daytime background noise levels at Dorman's Pool (Part of the SPA/RAMSAR nearest to Permission) have been assessed by the applicant in accordance with BS4142 1997) at two locations with levels of 42dB and 39dB respectively. During normal daytime operations of the facility these levels are expected to increase by +12dB and +21dB to 49dB and 54dB, both locations are approximately 70m West/North West from the site boundary. Night time levels are expected to increase by some +4dB and +14dB over existing background.

Where specific noise from the industry, measured at the habitat/nest site is below 55dB it is considered at this time unlikely that it will have an adverse impact on the designated site/species, however the Dorman's Pool area is additionally considered an area of high amenity value (Teessmouth Bird Club). The Noise Impact Assessment prepared by New Acoustics on 25th May 2012 submitted as part of the application shows predicted daytime noise levels of up to +21dB (Modelled locations 1, 5 and 7) over existing background levels at or near this location which are likely cause for complaint and not acceptable, furthermore the applicant had discussed only partial solutions to reduce the noise making no firm commitments to implement the measures or demonstrate how successful they would be were they made.

A Schedule 5 request for further information was sent to the operator on 04th July 2013 requiring the operator to submit a noise management plan (NMP) and a revised noise risk assessment in accordance with BS4142 (1997) detailing the measures to be used to control emissions of noise having regard to Appendix 4 of the Environment Agency's Horizontal Guidance for Noise IPPC H3 (Part 2) Noise Assessment and Control and to discuss the possibilities of reducing the noise level at Dorman's pool and surrounding area and additionally provide a BAT assessment to demonstrate that all appropriate preventative measures would be taken against pollution.

The applicant responded on the 01st August 2013 providing additional information and revised BS4142 (1997) modelling on predicted noise levels based on updated information relating to building fabric sound insulation and plant noise levels. The modelling also incorporated related vehicle movements.

The original BS4142 (1997) modelling provided with the application was based on a standard steel sandwich construction. The remodelled results uses actual sound insulation data for the as built wall and roof constructions comprising of 'Trisobuild VW' Wall and 'R' roof systems, the revised model assumes that all doors are closed and sound insulation is equivalent to that of the wall panels.

Revised predicted daytime and night time noise calculations are as follows:

Day time predicted noise levels:

Measurement Position (Receiver)	Specific Noise, $L_{Aeq, 1hr}$ [dB]	BS4142 Rated Noise [dB]	Background Noise, $L_{A90, day}$ [dB]	Difference
1	32	37	42	- 5
2	20	25	45	- 20
3	14	19	48	- 32
4	8	13	45	- 32
5	37	42	39	+ 3
6	16	21	48	- 27
7	23	28	43	- 15

Night time predicted noise levels:

Measurement Position (Receiver)	Specific Noise, $L_{Aeq, 1hr}$ [dB]	BS4142 Rated Noise [dB]	Background Noise, $L_{A90, day}$ [dB]	Difference
1	25	30	43	- 13
2	12	17	37	- 20
3	7	12	41	- 29
4	0	5	39	- 34
5	30	35	39	- 4
6	9	14	46	- 31
7	16	21	43	- 22

The Environment Agency are satisfied that the submitted noise modelling is accurate and agrees with the operator's conclusion that in accordance with the guidelines specified in BS4142 (1997) complaints relating to operational noise from the facility are unlikely at the assessed receptors.

Annex 1: decision checklist

This document should be read in conjunction with the Duly Making checklist, the application and supporting information and permit/ notice.

Aspect considered	Justification / Detail	Criteria met
Consultation		
Scope of consultation	The consultation requirements were identified and implemented. The decision was taken in accordance with RGN 6 High Profile Sites, our Public Participation Statement and our Working Together Agreements.	✓
Operator		
Control of the facility	We are satisfied that the applicant (now the operator) is the person who will have control over the operation of the facility after the grant of the permit. The decision was taken in accordance with EPR RGN 1 Understanding the meaning of operator.	✓
European Directives		
Applicable directives	All applicable European directives have been considered in the determination of the application.	✓
The site		
Extent of the site of the facility	<p>The operator has provided a plan which we consider is satisfactory, showing the extent of the site facility</p> <p>A plan is included in the permit and the operator is required to carry on the permitted activities within the site boundary.</p>	✓
Planning permission	We are satisfied that planning permission is in place and is appropriate for the relevant waste operation(s) applied for.	✓
Site condition report	<p>The operator has provided a description of the condition of the site.</p> <p>As per IED requirements all new permit applications must include baseline monitoring of soil and groundwater conditions. As part of the application documents the applicant has included substantial amounts of baseline qualitative and quantitative soil/groundwater analysis in relation to the extent of the site footprint.</p>	✓

Aspect considered	Justification / Detail	Criteria met Yes
	<p>The SCR outlines the condition of the site pre and post development of platforming works and therefore represent current pre-construction and pre-operational baseline conditions.</p> <p>We consider this description is satisfactory. The decision was taken in accordance with our guidance on site condition reports and baseline reporting under IED–guidance and templates (H5).</p>	
Biodiversity, Heritage, Landscape and Nature Conservation	<p>The application is within the relevant distance criteria of a site of heritage, landscape or nature conservation, and/or protected species or habitat.</p> <ul style="list-style-type: none"> • Teesside and Cleveland Coast SPA/RAMSAR/SSSI (Closest part of the receptor Dorman’s Pool ~70m W/NW) • Seal Sands SSSI ~1.3km NE <p>A full assessment of the application and its potential to affect the site(s)/species/habitat has been carried out as part of the permitting process. We consider that the application will not affect the features of the site/species/habitat.</p> <p>We have not formally consulted on the application. An Appendix 11 has been sent to Natural England (NE) for Information Purposes only. The decision was taken in accordance with our guidance.</p>	✓
Environmental Risk Assessment and operating techniques		
Environmental risk	<p>We have reviewed the operator's assessment of the environmental risk from the facility.</p> <p>The operator’s risk assessment is satisfactory.</p> <p>The assessment shows that, applying the conservative criteria in our guidance on Environmental Risk Assessment [or similar methodology supplied by the operator and reviewed by ourselves], all emissions may be categorised as environmentally insignificant.</p>	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
Operating techniques	<p>We have reviewed the techniques used by the operator and compared these with the relevant guidance notes.</p> <p>The operator has indicated the use of techniques and standards in line with technical guidance notes IPPC S5.06 (TGN) and EPR 1.00 "How to comply with your Environmental Permit.</p> <p>The Key issues for determining BAT for the installation are described in EPR 5.06 Section 2.1.1, 2.2.2, 2.2.4 to 2.2.6, 2.3, 2.4.3 and 2.8 to 2.9 the operator has provided a comprehensive site specific BAT conclusion document confirming use of the standards are as set out in the TGN.</p> <p>The operator has also supplied a full noise and odour management plan and BAT assessment in accordance with Agency Horizontal Guidance IPPC H3 and H4.</p> <p>The proposed techniques for control are in line with the benchmark levels contained in the TGN and we consider them to represent appropriate techniques for the facility. The permit conditions ensure compliance with relevant BREFs and BAT Conclusions, and ELVs deliver compliance with BAT-AELs.</p>	✓
The permit conditions		
Waste types	<p>We have specified the permitted waste types, descriptions and quantities, which can be accepted at the regulated facility.</p> <p>We are satisfied that the operator can accept these wastes for the following reasons: The proposed techniques for control are in line with the benchmark levels contained in the TGN S5.06 and we consider them to represent appropriate techniques for the facility.</p> <p>We made these decisions with respect to waste types in accordance with the List of Wastes (England) regulations 2005, European Waste Catalogue (EWC) 200/532/EC (Amended) and TGN S5.06.</p>	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
Improvement conditions	<p>Based on the information on the application, we consider that we need to impose improvement conditions.</p> <p>Based on the information provided, we conclude that noise levels are not likely to cause complaints at any nearby noise sensitive receptor. However this assessment will require the building to be designed built and operated to the standards underpinning the revised noise assessment. An improvement condition has therefore been included at IC1 to require the Operator to carry out a noise survey and submit the results to confirm that the design noise specifications have been met.</p> <p>We are satisfied that provided the noise standards underpinning the assessment are achieved in practice that the impact of noise is unlikely to give rise to nuisance or complaint.</p>	✓
Incorporating the application	<p>We have specified that the applicant must operate the permit in accordance with descriptions in the application, including all additional information received as part of the determination process.</p> <p>These descriptions are specified in the Operating Techniques table in the permit.</p>	✓
Reporting	<p>We have specified reporting in the permit.</p> <p>Energy usage is to be reported as a measure of process efficiency.</p> <p>We made these decisions in accordance with TGN S5.06.</p>	✓
Operator Competence		
Environment management system	<p>There is no known reason to consider that the operator will not have the management systems to enable it to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.</p>	✓
Technical competence	<p>Technical competency is required for activities permitted.</p> <p>The operator is a member of an agreed scheme.</p>	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
Relevant convictions	<p>The National Enforcement Database has been checked to ensure that all relevant convictions have been declared.</p> <p>No relevant convictions were found.</p> <p>The operator satisfies the criteria in RGN 5 on Operator Competence.</p>	✓
Financial provision	<p>There is no known reason to consider that the operator will not be financially able to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.</p>	✓



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Impetus Waste Management Limited

Reclamation Pond Materials Recycling Facility
North Tees Access Road
Port Clarence
Stockton-On-Tees
TS2 1TT

Permit number
EPR/ZP3333NH

Reclamation Pond Materials Recycling Facility

Permit number EPR/ZP3333NH

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The facility is a non-hazardous materials recycling facility (MRF) which will process up to 200,000 tonnes per year of residual commercial and industrial (C&I) wastes, construction and demolition wastes (C&D) and some municipal solids wastes (MSW) for the primary purpose of use as refuse derived fuel (RDF) to be used in Energy from Waste (EfW) facilities.

The facility will operate 24hrs per day, 7 days per week in a self enclosed purpose designed acoustically clad building (Over impermeable hardstanding). There are no emissions to air, land, groundwater, sewer or controlled waters except clean rainwater's via SUDS to the River Tees.

The processing hall comprise of two separate lines, each individually fed from a hopper system located within the waste bunker. Each line has a capacity of 100,000 tonnes per year, or 15 tonnes per hour and comprises of a shredder; magnetic and eddy current separator, trommel, bailer (shared between lines) and suitable conveyers between items of plant.

There are 2 sensitive receptors within 2km of the facility - Teesside and Cleveland Coast SPA/RAMSAR/SSSI (Closest part of the receptor Dorman's Pool ~70m W/NW) and Seal Sands SSSI ~1.3km NE.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit

Description	Date	Comments
Application EPR/ZP3333NH/A001	Duly made 08/05/13	Application for a Non-Hazardous Material Recycling Facility.
Additional information received	01/08/13	Revised BS4142 (1997) modelling and noise management plan.
Permit determined	19/08/13	Permit issued to Impetus Waste Management Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/ZP3333NH

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Impetus Waste management Limited (“the operator”),

whose registered office is

The Cube
Barrack Road
Newcastle Upon Tyne
Tyne & Wear
NE4 6DB

company registration number 04765743

to operate an installation at

Reclamation Ponds Materials Recycling Facility
North Tees Access Road
Port Clarence
Stockton-On-Tees
TS2 1TT

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

Name	Date
<i>F M Devine.</i>	<i>19/08/2013</i>

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, closure 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.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme or other approval issued by the Environment Agency.

1.2 Energy efficiency

- 1.2.1 The operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four 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.

1.3 Efficient use of raw materials

- 1.3.1 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 four 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 further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

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").
- 2.1.2 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 7 to this permit.

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

2.3.2 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.3 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 hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

2.3.4 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 Environment Agency.

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

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 3 tables S3.1.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved 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 Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, 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 pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.5 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, 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, 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 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 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual treatment data set out in schedule 4 table S4.1; and
- (c) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 of that schedule.

4.2.3 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.2.4 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.3 Notifications

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
- (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 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.
- 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 Environment 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.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

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 listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity
S5.4 A(1)(b)(ii)	<p>Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving the pre-treatment of waste for incineration or co-incineration</p> <p>R3 Recycling/reclamation of organic substances which are not used as solvents</p> <p>R5 Recycling/reclamation of other inorganic compounds</p>	<p>Treatment consisting only of manual and mechanical sorting, screening, separation, shredding, crushing and compaction of non-hazardous waste into different components for recovery or disposal.</p> <p>Waste types as specified in Table 2.1</p>

Directly Associated Activity	Limits of activities
<p>D15: Storage pending any of the Operations D1 to D14 (Excluding temporary storage, pending collection, on the site where it is produced)</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>D9: Crushing or shredding of metal or plastic containers</p> <p>D14: Repacking prior to any of the operations numbered D1 to D13</p> <p>R4 Recycling/reclamation of metals and metal compounds</p>	<p>Waste types as specified in Table 2.1</p>

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	Response to Section 3 – Operating Techniques, Part B3 of the application form, and section 2 of the application document	14/03/13
Application	Odour management plan in response to Question 3b – Operating Techniques General Requirements, Part B3 of the application form.	08/05/13
Response to Schedule 5 Notice dated 04/07/13	Response to question 1 detailing abatement measures and noise management plan.	01/08/13

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IP1	<p>The Operator shall carry out a review of the noise impact of the installation once the plant is fully operational within its first six months of operation. The review shall compare the actual noise emissions from the installation and their impact with those predicted in the Application.</p> <p>The Operator shall provide a report detailing noise survey results and where the results are not as predicted include a timetable for the implementation of any recommendations made as a result of the noise survey.</p>	6 Months from date of permit issue.

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities	
Maximum quantity 200,000 tonnes per annum	
Exclusions	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibers 	
Waste code	Description
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 02	animal-tissue waste
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those

Table S2.1 Permitted waste types and quantities	
Maximum quantity 200,000 tonnes per annum	
Exclusions	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibers 	
Waste code	Description
	mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	wastes from the leather and fur industry
04 01 01	fleshings and lime split wastes
04 01 02	liming waste
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 05	wastes from the MFSU of pharmaceuticals
07 05 14	solid wastes other than those mentioned in 07 05 13
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging

Table S2.1 Permitted waste types and quantities	
Maximum quantity 200,000 tonnes per annum	
Exclusions	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibers 	
Waste code	Description
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07

Table S2.1 Permitted waste types and quantities	
Maximum quantity 200,000 tonnes per annum	
Exclusions	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibers 	
Waste code	Description
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	gypsum-based construction material
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 01	sharps (except 18 01 03)
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection(for example dressings, plaster casts, linen, disposable clothing, diapers)
18 01 07	chemicals other than those mentioned in 18 01 06
18 01 09	medicines other than those mentioned in 18 01 08
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01	sharps (except 18 02 02)
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 06	chemicals other than those mentioned in 18 02 05
18 02 08	medicines other than those mentioned in 18 02 07
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 06	other fractions other than those mentioned in 19 10 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass

Table S2.1 Permitted waste types and quantities	
Maximum quantity 200,000 tonnes per annum	
Exclusions	
Wastes having any of the following characteristics shall not be accepted:	
<ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powders or loose fibers 	
Waste code	Description
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 25	edible oil and fat
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues

Schedule 3 – Emissions and monitoring

Table S3.1 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
'Surface Water Discharge point' on Plan drawing 76.0172/MR/EP/04 dated February 2013	No parameters set	Clean surface waters only	No limit set			

Schedule 4 - Reporting

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

Table S4.1: Annual treatment	
Parameter	Units
Waste	tonnes

Table S4.2 Performance parameters		
Parameter	Frequency of assessment	Units
Energy usage	Annually	MWh

Table S4.3 Reporting forms		
Media/parameter	Reporting format	Date of form
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	19/08/13

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	
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	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
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.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

“accident” means an accident that may result in pollution.

“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 Environment 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

“disposal”. Means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions to land” includes emissions to groundwater.

“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, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are 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.

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“Pests” means *Birds, Vermin and Insects*.

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

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council 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.

“Waste Framework Directive” or *“WFD”* means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste

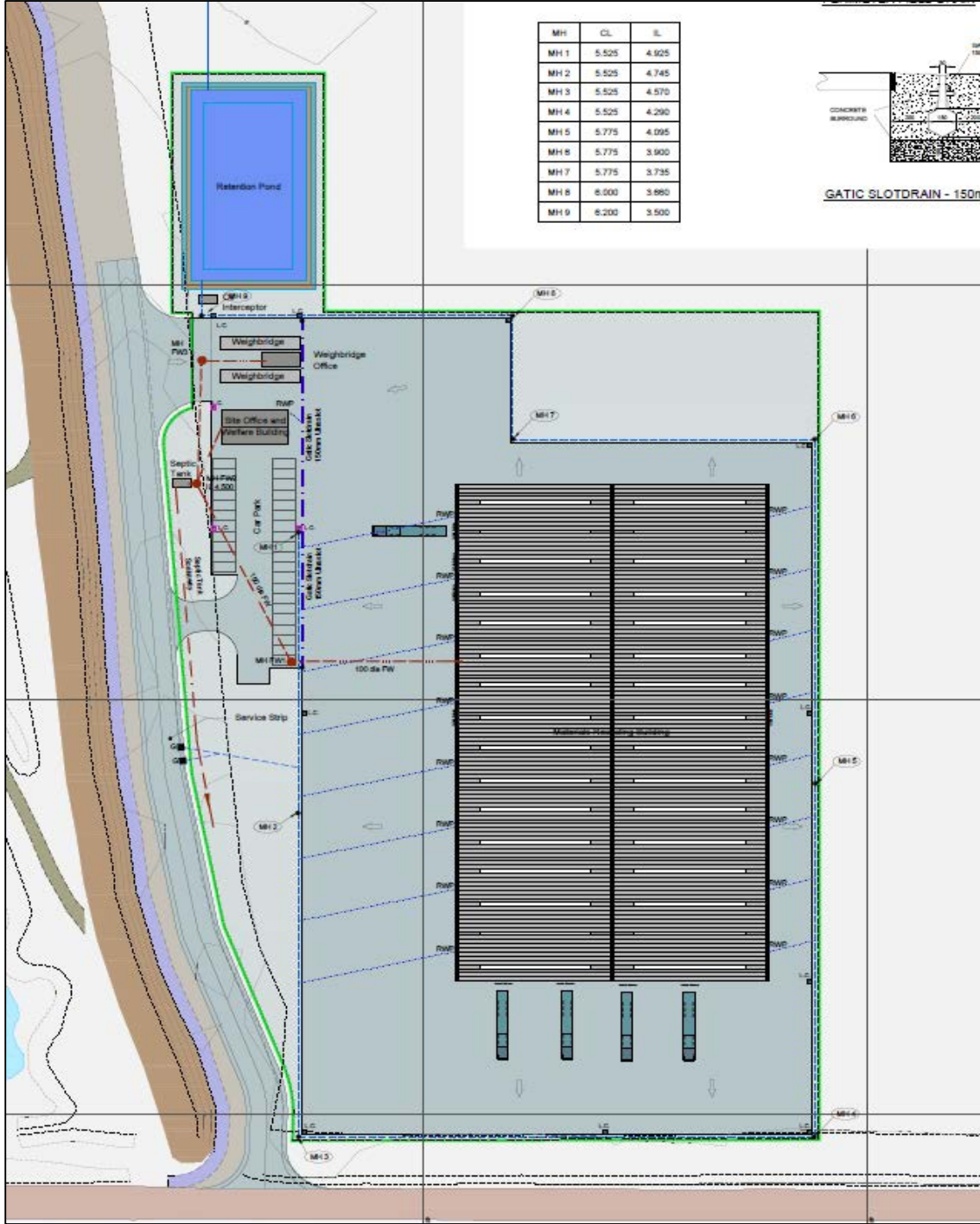
“year” means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Schedule 7 - Site plan



END OF PERMIT

Permit Number: EPR/ZP3333NH

Operator: Impetus Waste Management Limited

Facility: Reclamation Pond materials Recycling Facility

Form Number: Energy1 / 19/08/13

Reporting of Energy Usage for the year

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh		
Natural Gas	MWh		
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

Signed
(Authorised to sign as representative of Operator)

Date.....

Environment Agency permitting decisions

Full transfer

We have decided to grant the transfer for Reclamation Pond Materials Recycling Facility from North Tees Waste Management Limited to Green North East Trading Bidco Limited.

The permit number is EPR/SP3930VW.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

Purpose of this document

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account

Structure of this document

- Annex 1 the decision checklist

Annex 1: decision checklist

This document should be read in conjunction with the Duly Making checklist, the application and supporting information and permit / notice. A transfer date has been agreed with the new operator as the date on which they will be in control of the facility. This is the effective date of the permit transfer.

Aspect considered	Justification / Detail	Criteria met
		Yes
Operator		
Control of the facility	We are satisfied that the applicant (now the operator) is the person who will have control over the operation of part of the facility after the grant of the permit. The decision was taken in accordance with EPR RGN 1 Understanding the meaning of operator.	✓
Operator competence		
Environment Management System	There is no known reason to consider that the operator will not have the management systems to enable it to comply with the permit conditions. All operational procedures and systems are to be	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
	<p>maintained. The existing Environment Management System will be transferred to the new company and will be audited under the ISO 14001 regime.</p> <p>The decision was taken in accordance with RGN 5 on Operator Competence.</p>	
Technical competence	<p>Technical competency is required based on the regulated facility types in the permit.</p> <p>The operator is a member of an agreed scheme.</p> <p>The operator satisfies the criteria in RGN 5 on Operator Competence.</p>	✓
Relevant convictions	<p>The National Enforcement Database has been checked to ensure that all relevant convictions have been declared.</p> <p>No relevant convictions were found.</p> <p>The operator satisfies the criteria in RGN 5 on Operator Competence.</p>	✓
Financial provision	<p>There is no known reason to consider that the operator will not be financially able to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.</p>	✓

Notice of transfer with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Green North East Trading Bidco Limited

Reclamation Pond Materials Recycling
Facility
North Tees Access Road
Port Clarence
Stockton on Tees
TS2 1TT

Transfer application number

EPR/SP3930VW/T001

Permit number

EPR/SP3930VW

Reclamation Pond Materials Recycling Facility

Permit number EPR/SP3930VW

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the transfer of an environmental permit to a new operator (the transferee).

Essentially all Senior Management and Technical Staff from both Head Office and the Site are transferring to the new Company. All operational procedures and systems are being maintained as is the Environmental Management System which is audited under the ISO 14001 regime.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/ZP3333NH/A001	Duly made 08/05/13	Application for a Non-Hazardous Material Recycling Facility.
Additional information received	01/08/13	Revised BS4142 modelling and Noise Management Plan.
Permit determined EPR/ZP3333NH	19/08/13	Original permit issued to Impetus Waste Management Limited.
Application received EPR/ZP3333NH/V002	Duly made 14/01/14	Change of company name.
Variation issued EPR/ZP3333NH/V002	07/02/14	Varied Permit issued to North Tees Waste Management Limited.
Application received EPR/SP3930VW/T001	Duly Made 17/02/14	Full transfer of Permit.
Transfer determined EPR/SP3930VW	05/03/14	Full transfer of permit to Green North East Trading Bidco Ltd.

End of introductory note

Notice of transfer

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 21 of the Environmental Permitting (England and Wales) Regulations 2010 transfers

permit number

EPR/ZP3333NH

to

Green North East Trading Bidco Limited (“the operator”)

whose registered office is

Wynyard Park House

Wynyard Avenue

Billingham

TS22 5TB

company registration number 08772194

to operate a regulated facility at

Reclamation Pond Materials Recycling Facility

North Tees Access Road

Port Clarence

Stockton on Tees

TS2 1TT

from North Tees Waste Management Limited.

This notice shall take effect from 05 March 2014

The number of the new permit granted to Green North East Trading Bidco Limited is EPR/SP3930VW.

Name

Date

A.J. Nixon

05 March 2014

Authorised on behalf of the Environment Agency