

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

Project Red Recycling Limited

Project Red Recycling

Heol Creigiau

Efail Isaf

Pontypridd

CF38 1BG

Variation application number

EPR/XB3393HM/V004

Permit number

EPR/XB3393HM

Project Red Recycling

Permit number EPR/XB3393HM

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This is an operator led variation to add in a household, commercial and industrial (HCI) transfer station facility.

Treatment operations are limited to storing, manual /mechanical sorting and separating; and bulking up. Food waste is to be bulked up only.

The HCI waste transfer station activity is for purpose of recovery only and can only take place in a building.

Permitted waste types are comingled and separately collected dry recyclables; and food waste.

The maximum quantity of waste accepted and processed on site in total is 100,000 tonnes per year. The HCI transfer activity shall not exceed 15,000 tonnes per year, and the inert transfer station with treatment activity shall not exceed 85,000 tonnes per year, as limited by Table S1.2.

The variation does not allow any point source emission into surface waters or groundwater.

Integral discharge from the permitted activity inside the building where the HCI transfer activity takes place is to sealed sump only.

All emissions from the activity which are not controlled via actual emission limits, are controlled through the 'emission of substances not controlled by emission limits condition' and any all relevant process requirements set out in Tables S1.1 and S1.2.

The burning of any wastes, either in the open, inside buildings or in any form of incinerator is not permitted.

The schedules specify the changes made to the original permit.

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
Permit determined EPR/XB3393HM/A001	23/10/14	Original permit issued to Tom Prichard Contracting Limited
Variation determined EPR/XB3393HM/V002	29/08/17	Variation to increase annual throughput and add additional EWC codes issued to Tom Prichard Contracting Limited
Transfer determined EPR/XB3393HM/T003	30/08/17	Full transfer of permit from Tom Prichard Contracting Limited to Project Red Recycling Limited.
Application EPR/XB3393HM/V004	Duly Made 26/03/18	Application to add in HCI transfer station activity accepting dry co-mingled and separately collected recyclables, and food waste.
Additional information received in response to a Schedule 5 notice sent on 25/04/2018	03/05/18	Information relating to waste acceptance procedures and site infrastructure
Additional information received in response to a Schedule 5 notice sent on 04/06/2018	04/06/18	Fire prevention plan and associated drawings
Variation determined EPR/XB3393HM/V004	06/07/18	Variation to add in HCI waste transfer station to Project Red Recycling Limited

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/XB3393HM

issued to:

Project Red Recycling Limited (“the operator”)

whose registered office is

Earthmover's House

Unit 16 Llantrisant Business Park

Llantrisant

Pontyclun

CF72 8LF

company registration number 09386946

to operate a regulated facility

Project Red Recycling

Heol Creigiau

Efail Isaf

Pontypridd

CF38 1BG

to the extent set out in the schedules.

The notice shall take effect from 06/07/2018

Name	Date
Huw Davies	06/07/2018

Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator

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 Natural Resources Wales, 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.

Table S1.1 activities

Activity reference	Description of activities for waste operations	Limits of activities
<p>A1 – Inert waste transfer station with treatment</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>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R5: Recycling/reclamation of other inorganic compounds</p>	<p>Waste shall be stored and treated on hard standing.</p> <p>Treatment of wastes consisting only of manual and/or mechanical:</p> <ul style="list-style-type: none"> - screening - bulking-up; and - crushing; <p>of waste into different components for recovery.</p> <p>Only waste types as specified in Table S2.1 shall be accepted.</p>
	<p>Discharge of site drainage to ground/surface water via soakaway</p>	<p>Drainage consisting solely of:</p> <ul style="list-style-type: none"> - clean, rainfall dependant drainage from areas of the site used in connection with the storage or treatment of permitted waste only <p>Discharge of site drainage shall be controlled though condition 3.1 and the provision of appropriate measures as set out in relevant management plans</p>
<p>A2 – Household, commercial and industrial waste transfer station</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>R3: Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4: Recycling/ reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic compounds</p>	<p>All waste must be stored and treated on an impermeable surface with sealed drainage.</p> <p>All activities must take place within a building equipped with suitable containment measures.</p> <p>Treatment operations shall be limited to manual and/or mechanical:</p> <ul style="list-style-type: none"> - sorting and/or separation - bulking up <p>of permitted waste for the purpose of recovery only.</p> <p>There shall be no treatment of food waste other than bulking up for onward transfer.</p> <p>Waste types as specified in Table S2.2</p>

Discharge of integral site drainage to sealed sump	<p>Drainage consisting solely of:</p> <ul style="list-style-type: none"> - run-off from the impermeable surface from areas of the site used to store and/or treat waste. <p>Discharge of site drainage shall be controlled though condition 3.1 and the provision of appropriate measures as set out in relevant management plans</p>
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Table S1.2 Operating techniques

Description	Parts	Date Received
Technical Guidance Note: How to comply with your environmental permit	All	N/A
Sector Guidance Note IPPC S5.06: Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste	All	N/A
Additional information received in response to Schedule 5 notices sent on 26 June 2014 and 01 September 2014.	Environment Management System (reference 932_06_D) sections referenced below: 2.4 Waste acceptance quantities, treatment and storage procedures 2.7 Access for existing permit holder 4.1 Breakdowns and spillages 4.2 Drums and other containers	19/10/14
Additional information received in response to Schedule 5 notice sent on 24 July 2017	Environment Management System (reference PRR_EMS_new activities_v2) sections referenced below: - pre-acceptance procedures - Acceptance procedures - Waste rejection procedures - Crushing of newly requested EWCs - Plant and vehicle maintenance	09/08/17
Application	Email confirming annual throughput for the HCl facility in duly making application]	22/03/18
	Odour Management Plan (Ref: PRR_OMP_Feb18_v2) [third version submitted in duly making application] all sections	23/03/18
Additional information received in response to Schedule 5 notice sent on 25 April 2018	Environment Management System (Ref: PRR_EMS-new activities_Feb18v2 - third version submitted) sections referenced below: - pre-acceptance procedures - Acceptance procedures - Waste rejection procedures - site infrastructure [second paragraph]	03/05/18
Additional information received in response to Schedule 5 notice sent on 04 June 2018	Fire Prevention and Mitigation Plan (ref: PRR_FPMP_Feb_v2 fourth version submitted) - all sections	04/06/18

Table S1.2 Operating techniques

Description	Parts	Date Received
	Site Plan that accompanies Fire Prevention and Mitigation Plan (Ref: Figure 1b_FPMP) - all sections	
Fire prevention and mitigation plan guidance – Waste	All relevant sections	n/a

Table S2.1 Permitted waste types and quantities for inert waste recycling facility.

Maximum quantity	The maximum quantity for waste to be accepted on site shall not exceed 100,000 tonnes per year.
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 fibres - Wastes that are in a form which is either sludge or liquid - Wastes consisting of or contaminated with Japanese Knotweed - Wastes consisting of or contaminated with materials or substances which may pollute surface and/or groundwater and land
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
10	WASTES FROM THERMAL PROCESSES
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	waste concrete and concrete sludge (consisting of waste concrete only)
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 07	glass packaging
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 02	glass
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
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 08	track ballast other than those mentioned in 17 05 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 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	glass
19 12 09	minerals (for example sand, stones)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (consisting of inert aggregates/soil material only)
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 02	glass
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

Schedule 3 – conditions to be added

The following conditions are added as a result of the application made by the operator

3.4 Pests

- 3.4.1 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.
- 3.4.2 The operator shall:
- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales.

3.5 Fire

- 3.5.1 The operator shall manage and operate the activities in accordance with a written fire prevention plan using the current, relevant fire prevention plan guidance.
- 3.5.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities could cause a fire risk, submit to Natural Resources Wales a fire prevention plan which identifies and minimises the risks of fire;
 - (b) Operate the activity in accordance with the fire prevention plan, from the date of submission, unless otherwise agreed in writing by Natural Resources Wales.

Table S2.2 Permitted waste types and quantities for household, commercial and industrial waste transfer station

Maximum quantity	The maximum quantity for waste to be accepted on site shall not exceed 100,000 tonnes per year.
Exclusions	Notwithstanding the waste types set out in this table, 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 fibres • sludges • odorous or odour producing
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 08	biodegradable kitchen and canteen waste
20 01 39	plastics
20 01 40	metals
20 03	other municipal wastes
20 03 01	mixed municipal waste [consisting of dry co-mingled recyclable waste only]
20 03 07	bulky waste