

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

M. Gaze & Co. Limited

Crossways farm
Beccles Road
Thurlton
Norfolk
NR14 6NZ

Variation application number

EPR/FP3332MF/V006

Permit number

EPR/FP3332MF

Crossways farm

Permit number EPR/FP3332MF

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

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

This permit is varied to allow an additional discharge point for treated effluent from the reverse osmosis (RO) plant to surface water (emission point reference W4, at NGR TM 41429779) at the River Beck, to the north of the current permit boundary. Previous variation reference EPR/FP3332MF/V004 (Varied on the 22nd December 2010) added a discharge point for treated effluent from the Reverse Osmosis (RO) Treatment Plant (acting as a Tertiary Treatment Polishing stage) to surface water at an unnamed ditch (location reference W3, NGR TM424964). In order to ensure adequate dilution and dispersal of the discharge within the water course, the discharge point can only be used when the ditch to which it discharges is in flow, therefore it cannot be used during the summer months or during periods of dry weather which limits operations on site during these times.

This watercourse has been identified because it remains in flow during the summer and drier months and therefore offer greater flexibility for discharge of RO waters.

The schedules specify the changes made to the 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 issued EPR/FP3332MF	14/09/07	Permit issued to M. Gaze & Co. Limited
Variation issued EPR/FP3332MF/V002	22/12/10	Variation to add the activity discharge of treated effluent to surface water
Variation issued EPR/FP3332MF/V003	28/01/14	Agency initiated variation to amend the permit to reflect implementation of Industrial Emissions Directive
Application EPR/FP3332MF/V004	Duly made 26/07/16	Application to add 6 waste codes to the permit
Variation determined EPR/FP3332MF/V004	07/09/16	Varied permit issued
Application EPR/FP3332MF/V005	Duly made 08/02/17	Application to add new Washing Treatment & Recycling Facility to the permit
Additional information received	09/06/17	Response to Schedule 5 Notice dated 21/04/17

Status log of the permit		
Description	Date	Comments
Additional information received	28/07/17 & 18/08/17	Response to Schedule 5 Notice dated 23/06/17
Additional information received	28/09/17, 30/10/17 & 31/10/17	Response to Schedule 5 Notice dated 25/08/17
Variation determined EPR/FP3332MF/V005 PAS billing ref. NP3130YQ	05/12/17	Permit issued to M. Gaze & Co. Limited
Application EPR/FP3332MF/V006 (variation and consolidation)	Duly made 19/01/17	Application to vary the permit to include a new additional discharge point W4 (River Beck) for the reverse osmosis plant.
Response to Schedule 5 request for further information dated 27/01/17	05/05/17	Revised risk assessment for sanitary determinands under WFD no deterioration principles
Response to Schedule 5 request for further information dated 02/08/17	11/08/17	Risk assessment clarifications relating to LOD, EQS values and Outliers.
Additional information received	17/12/17	E-mail confirmation that reverse osmosis concentrate, backwash water and ultra-filtration backwash waters tankered off site
Variation determined EPR/FP3332MF (Billing Ref: VP3430DV)	19/03/18	Varied and consolidated permit issued.

Other Part A installation permits relating to this installation		
Operator	Permit number	Date of issue
M. Gaze & Co. Limited	JP3831SU	18/01/06

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/FP3332MF

Issued to

M. Gaze & Co. Limited (“the operator”)

whose registered office is

Crossways farm

Thurlton

Norwich

Norfolk

NR14 6NZ

company registration number 00951688

to operate a regulated facility at

Crossways farm

Beccles Road

Thurlton

Norfolk

NR14 6NZ

to the extent set out in the schedules.

The notice shall take effect from 19/03/2018

Name	Date
J Linton	19/03/2018

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions were varied as a result of the application made by the operator:

- Table S1.1 is amended to incorporate flow condition requirements for discharge point W4 (AR11)
- Table S1.2 is amended to include variation application EPR/FP3332MF/V006
- Table S3.2 is amended to include emission limits monitoring requirements for new discharge point W4
- Table S3.3 is amended to additional include new emission point W4
- Table S4.1 is amended to include reporting requirement for new emission point W4
- Schedule 7 – Site Plan is amended to include emission point W4

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/FP3332MF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FP3332MF/V006 authorising,

M. Gaze & Co. Limited (“the operator”),

whose registered office is

Crossways farm

Thurlton

Norwich

Norfolk

NR14 6NZ

company registration number 00951688

to operate an installation at

Crossways farm

Beccles Road

Thurlton

Norfolk

NR14 6NZ

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

Name	Date
J Linton	19/03/2018

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.

1.2 Energy efficiency

- 1.2.1 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR13) 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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR13), 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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR13) 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 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.
- 2.3.2 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.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2 to S2.6 and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 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.
- 2.3.6 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.

Hazardous waste storage and treatment

- 2.3.7 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and appropriate measures are taken.

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, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 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.
- 3.3.2 The operator shall:
 - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment 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 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.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
 - (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2;
 - (b) surface water or groundwater specified in table S3.3;
 - (c) process monitoring specified in table S3.4.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 to S3.3 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

- 3.6.1 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.
- 3.6.2 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.

3.7 Fire prevention

- 3.7.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

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 For the following activities referenced in schedule 1, table S1.1 (AR1 to AR13), 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 production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4 and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 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.

- 4.2.5 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 In the event:

- (a) 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) 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) 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 (a)(i) or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

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 “immediately”, 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 I and II operations	Limits of specified activity and waste types
AR1	S5.6 A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes	D15: Storage of waste pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced) 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)	Reception and storage of hazardous wastes contained in Schedule 2 Tables S2.2, S2.3, S2.4 and S2.5. Reception and storage of wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with non-hazardous waste treatment) at any one time. Reception and storage of oil contaminated wastes are not to exceed 870 tonnes at any one time. Limited to wastes contained in Schedule 2 Table S2.2. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
AR2	S5.3 A(1)(a)(iv) Disposal of hazardous waste with a capacity of more than 10 tonnes per day involving repackaging	D14: Repackaging prior to submission to any of the operations numbered D1 to D13	Bulking or transfer for disposal of hazardous wastes. Wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with non-hazardous waste treatment) at any one time. Wastes to be treated are limited to the hazardous wastes contained in Schedule 2 Tables S2.3, S2.4 and S2.5.
AR3	S5.3 A(1)(a)(ii) Disposal of hazardous waste with a capacity of more than 10 tonnes per day involving physico-chemical treatment.	D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12	Separation and treatment or transfer for disposal, of hazardous wastes. Wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with Non-hazardous waste treatment) at any one time. Wastes to be treated are limited to the hazardous wastes contained in Schedule 2 Tables S2.3, S2.4 and S2.5.
AR4	S5.3 A(1)(a)(ii) Recovery of hazardous waste with a capacity of more than 10 tonnes per day involving physico-chemical treatment.	R3: Recycling/reclamation of organic substances which are not used as solvents	Transfer of process sludge/solids to centrifuge, treatment of sludge by centrifuge, return of separated liquid to treatment process and offsite disposal of process cake. Separation of oil contaminated wastes is not to exceed 870 tonnes at any one time. Limited to wastes contained in Schedule 2 Table S2.2.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
AR5	S5.4 A(1)(a)(i) Disposal of non-hazardous waste with a capacity of more than 50 tonnes per day involving biological treatment	D8: Biological treatment not specified elsewhere in this annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12	Separation and subsequent biological treatment of non-hazardous organic liquid wastes. Transfer of process sludge/solids to centrifuge, treatment of sludge by centrifuge, return of separated liquid to treatment process and offsite disposal of process cake. Wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with hazardous waste treatment) at any one time. Wastes to be treated are limited to non-hazardous wastes contained in Schedule 2 Table S2.3.
AR6	S5.4 A(1)(a)(ii) Disposal of non-hazardous waste with a capacity of more than 50 tonnes per day involving physico-chemical treatment	D9: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12	Separation and bulking prior to physico-chemical treatment or transfer for disposal, of non-hazardous wastes. Wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with hazardous waste treatment) at any one time. Wastes to be treated are limited to the non-hazardous wastes contained in Schedule 2 Tables S2.3, S2.4 and S2.5.
Directly Associated Activity			
AR7	Storage of process sludge residues	Storage of treated process sludge	Storage of treated process sludge prior to treatment by centrifuge and subsequent disposal of residual solid content.
AR8	Storage of waste screenings	Storage of waste screenings	Collection and storage of waste screening in covered skips prior to subsequent disposal.
AR9	Effluent balancing	Storage of treated effluent	Storage and balancing of treated effluent prior to reuse on site.
AR10	Combustion plant <20 MW	Power generation	Includes oil receipt and storage.
AR11	Water discharges to controlled waters.	Discharge of treated effluent from the onsite lagoon to an unnamed ditch.	From the onsite lagoon to point of entry to controlled waters. No more than 200 m ³ /day to be discharged. Flow in the unnamed ditch (discharge point W3) and River Beck discharge point W4 to be no less than 0.005 m ³ /second.
AR12	Reception, storage of non-hazardous waste.	Reception, storage of non-hazardous waste prior to physico-chemical treatment or transfer for disposal.	Wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with hazardous waste treatment) at any one time. Wastes to be treated are limited to the non-hazardous wastes contained in Schedule 2 Tables S2.3, S2.4 and S2.5.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		Reception, storage of non-hazardous waste subsequent biological treatment of non-hazardous organic liquid wastes.	Wastes (excluding oil-contaminated wastes in Table S2.2) are not to exceed a combined total of 785 tonnes (in combination with hazardous waste treatment) at any one time. Wastes to be treated are limited to non-hazardous wastes contained in Schedule 2 Table S2.3.
AR13	Surface water collection and storage	Collection of uncontaminated site surface water during storm conditions and storage in lagoon constructed in 2017.	From the collection of uncontaminated site surface water from areas where no hazardous waste is stored or processed to transfer to lagoon including sumps, pumps, pipework and infrastructure.
Activity reference	Description of activities for waste operations	Limits of activities	
AR14	<p>Non-hazardous waste physical treatment facility</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 materials</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>Treatment operations shall be limited to:</p> <p>Physical treatment of wastes within the Washing Treatment & Recycling Facility including storage of incoming wastes, feeding, conveying, washing, grading, separation, pressing, wash water cleaning and storage of processed and separated materials.</p> <p>Waste types as specified in Schedule 2 Table S2.6.</p>	

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application.	The response to section 2.1 and 2.2 in the Application.	09/01/07
Receipt of additional information to the application.	Receipt of additional information detailing operation of the Effluent Treatment Plant, Reed-Bed System, Raw Materials Inventory, Approximate Annual Quantities of Waste (divided by EWC and IPPC Process), Process Flow Diagrams of Effluent Treatment Operations and description of Effluent Treatment Operations.	28/02/07
	Site boundary plan and the EWC waste code list by activity.	26/03/07
	Contaminated oil plant process description.	27/03/07
	Waste transfer "Backyard activities" activities layout drawing.	27/03/07
	Revised listed activities, EP OPRA and site plan.	24/05/07
	Revised site plan.	11/06/07
	Revised wastes list Schedule S3.2.	01/08/07

Table S1.2 Operating techniques		
Description	Parts	Date Received
	Receipt of additional information including revised waste list by process, justification for treatment of wastes by batch process in oil treatment process area. Limiting descriptor for waste codes 02 01 02 and 02 02 02.	08/08/07
Application for variation.	Appendix 6 'Addendum to Site Condition Report' of the application document 'Waste Water Treatment Plant Details'.	Duly made 21/09/09
Response to Schedule 5 Notice dated 17/09/10.	Response to all questions 1 to 8.	12/11/10
Additional information.	All parts of email in response to email requesting further information dated 07/12/10.	14/12/10 15:46
	Response to question 2 in email requesting further information dated 09/12/10.	14/12/10 15:49
Additional information.	Wastewater Treatment Plant Assessment Report.	11/02/15
Response to Compliance Assessment Report (CAR) form.	Response to CAR Form 0236149 from Land Drainage consultancy Limited on Waste Water Treatment Plant Assessment.	09/04/15
Application EPR/FP3332MF/V005.	Impact Assessment Report and Management Plan of the application documents provided in response to section 3a – technical standards, Part C3 of the application form. Odour Impact Assessment of Proposed Washing Treatment & Recycling Facility.	Duly Made 08/02/17
Response to Schedule 5 Notice dated 21/04/17.	Responses to Questions 1-13 & 16-33. Permit Boundary Drawings 60491230_PV_001 & 60491230_16534-250.	09/06/17
Response to Schedule 5 Notice dated 23/06/17.	Responses to Questions 25-28. Permit Boundary Drawing 60491230_PV_001 (B).	28/07/17
Response to Schedule 5 Notice dated 25/08/17.	Responses to Questions 1-3.	28/09/17 & 30/10/17
Response to Schedule 5 Notice dated 23/06/17.	Technical Plan (updated 21/07/17).	28/07/17
Responses to Schedule 5 Notices dated 21/04/17, 23/06/17 & 25/08/17.	Fire Prevention Plan (Rev 4 - dated 28/09/17) and Drawings included in Appendix A. Responses to Questions 14-15 of Schedule 5 Notice dated 21/04/17. Response to Questions 1-24 of Schedule 5 Notice dated 23/06/17. Response to Questions 4-10 of Schedule 5 Notice dated 25/08/17. Drawing, Storm Flow Management (60491230/DR/01B), dated June 2017. Drawing Process Plant Layout (60491230_PV_002) dated May 2017. Drawing Storage of Other Combustible Materials (60491230_PV_003). Drawing Site Access Emergency Vehicles (MGL/FPP/006) dated October 2017 (updated to include locations of water and fire-fighting equipment).	09/06/17, 28/07/17, 28/09/17 & 31/10/17
Responses to Schedule 5 Notices dated 21/04/17 & 23/06/17.	Odour Management Plan (revised 09/06/17). Odour Abatement System Layout (2011-002-01, 26/05/17). BAT Assessment for Odour Control System (18/08/17)	09/06/17, 16/08/17 & 18/08/17

Table S1.2 Operating techniques		
Description	Parts	Date Received
	Drawing 60491230_PV-001 (Rev B) (August 2017) – Installation Site Boundary. Email (16/08/17) on Fire Prevention Plan, Volume of Combustible Materials & Site Drawing.	
Response to Schedule 5 Notice dated 25/08/17.	Noise Impact Assessment of Proposed Separation Plant (12/12/16). Noise Impact Assessment for Washing Treatment & Recycling Facility Note for Discussion.	28/09/17 & 31/10/17
Response to Request for Further Information dated 10/11/17.	Drawing 60491230_PV_005 (Rev B) Discharge Points	30/11/17
Application EPR/FP3332MF/V006	Response to section 3a – technical standards , Part B3 of the application form and Sections 1, 2, 3 and 5 of the application document(s)	Duly Made 19/01/07
Additional information	E-mail confirmation that reverse osmosis concentrate, backwash water and ultra-filtration backwash waters tankered off site	17/12/17

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC 1	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.1 of Sector Guidance Note S5.06, December 2004, to assess waste prior to acceptance on the site.	14/12/07 COMPLETE
IC2	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.2 of Sector Guidance Note S5.06, December 2004, to cover: The procedures shall specifically focus upon, but not be limited to <ul style="list-style-type: none"> - Load arrival. - Load inspection. - Sampling of bulk waste. - Rejection procedures. - Record keeping. A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be proposed in this report. Following written approval by the Agency these improvements shall be implemented.	14/12/07 COMPLETE
IC3	The Operator shall ensure that a review the integrity of all storage tanks and site surfacing against the requirements of Sections 2.1.3 and 2.2.5 of the Sector Guidance Note S5.06 be carried out by a qualified structural engineer. The review shall identify any measures necessary to meet those requirements and propose a time scale for implementing them. A written report of the review shall be submitted to the Environment Agency detailing the reviews findings and recommendations. Remedial action shall be taken to ensure all tanks and surfacing meet the standards set out in the above documents and implement the maintenance and inspection regime.	14/12/07 COMPLETE 16/6/08 COMPLETE
IC4	The Operator shall produce and implement written procedures (and any amendments to them) that accord with section 2.1.3 of Sector Guidance Note S5.06, December 2004, to cover: The procedures shall specifically focus upon, but not be limited to <ul style="list-style-type: none"> - location of storage areas - storage area infrastructure - stock control - segregated storage - site security - fire risk A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be proposed in this report. Following written approval by the Agency these improvements shall be implemented.	14/12/07 COMPLETE
IC5	The Operator shall produce and implement written procedures (and any amendments to them) to reduce and where possible prevent fugitive emissions to air from the vessels, containers, pipework and plant equipment used at the installation that accord with section 2.2.4 of Sector Guidance Note IPPC S5.06, December 2004.	14/12/07 COMPLETE

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC6	<p>The operator shall ensure that a review of the design, method of construction and integrity of all bunds surrounding above ground tanks be carried out by a qualified structural engineer. This shall compare existing bunds against the standards set out in Section 2.2.5 of the Sector Guidance Note S5.06, CIRIA Report 163 on the Construction of Bunds for Oil Storage Tanks with a tank capacity of < 25 m³ (ISBN: 0 86017 468 9), and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m³ (ISBN: 0 86017 476X).</p> <p>The review shall include:</p> <ul style="list-style-type: none"> the physical condition of the bunds, their suitability for providing containment when subjected to the dynamic and static loads caused by catastrophic tank failure, any work required to ensure compliance with the standards set out in CIRIA Reports 163 and 164 for reinforced concrete or masonry bunds, and suggested preventative maintenance & inspection regime. <p>A written report of the review shall be submitted to the Environment Agency detailing the reviews findings and recommendations.</p> <p>Remedial action shall be taken to ensure all bunds meet the standards set out in the above documents and implement the maintenance and inspection regime.</p>	<p>14/12/07 COMPLETE</p> <p>16/6/08 COMPLETE</p>
IC7	<p>The operator shall carry out an assessment of the measures that are in place to reduce the risk of a pollution incident caused by firewater. The review shall include: consideration of the principals set out in PPG 18 – Managing Fire-water and major spillages.</p> <p>Identification of any improvements necessary in order to minimise the risk of a pollution incident caused by firewater</p> <p>A written report summarising the assessment and any necessary improvements shall be submitted to the Environment Agency for approval. The Agency approval shall include timescales for the Operator to implement the improvements.</p>	<p>14/12/07 COMPLETE</p>
IC8	<p>The Operator shall implement a formal, documented procedure for the inspection and subsequent maintenance of underground tanks, drains, pipes and collection pits with the purpose of preventing fugitive releases to ground.</p> <p>The procedure will take into account the requirements of the Sector Guidance Note IPPC S5.06 Issue 3, December 2004 (Section 2.2.5).</p> <p>A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be proposed in this report.</p> <p>Following written approval by the Agency these improvements shall be implemented.</p>	<p>14/1/08 COMPLETE</p>

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC9	<p>The operator shall carry out an assessment of the containment measures that exist on site with the purpose of preventing fugitive releases from the Hazardous and non-hazardous wastes stored within the installation. The assessment will take into account the requirements of the Sector Guidance Note IPPC S5.06 Issue 3, December 2004 (Section 2.1.3)</p> <p>The assessment shall specifically focus upon, but not be limited to,</p> <ul style="list-style-type: none"> - The equipping of tanks and vessels with suitable abatement systems and level meters with both audible and visual high-level alarms. - Measures taken to ensure that any spillage on the areas of limited hardstanding will not migrate into the surrounding permeable ground, - The routine programmed inspection of tanks, and mixing vessels including periodic thickness testing. - Storage vessels holding flammable or highly flammable wastes should meet the requirements of HSG51, HSG140, HSG716 and HSG176 - Underground or partially underground vessels without secondary containment should be scheduled for replacement with above-ground structures, for example, double-skinned vessels with leakage detection. - Pipework should preferably be routed above ground; if below ground it should be contained within suitable inspection channels. <p>A written report summarising the findings shall be submitted to the Agency. A time-scale for implementation of any improvements shall be proposed in this report.</p> <p>Following written approval by the Agency these improvements shall be implemented.</p>	14/2/08 COMPLETE
IC10	<p>A revised Accident Management Plan shall be submitted to the Agency for approval. This should identify the hazards, provide an assessment of the risks and identify the techniques necessary to reduce the risks. The revised accident management plan should consider, but not be limited to, the following additional potential hazards:</p> <ul style="list-style-type: none"> - abnormal operating conditions leading to abnormal emissions; - transfer of substances; - overfilling of vessels; - firewater containment; and - flooding. <p>Where appropriate the plan shall contain dates for the implementation of individual measures.</p> <p>The plan shall be implemented by the operator from the date of approval by the Agency.</p>	14/2/08 COMPLETE
IC11	<p>A written procedure shall be submitted to the agency detailing the measures to be used so that monitoring equipment, personnel and organisations employed for the emissions monitoring programme shall have either MCERTS certification or accreditation in accordance with condition 3.6.3.</p> <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the procedure.</p>	14/3/08 COMPLETE

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC12	<p>A written assessment of the VOCs emitted from the process shall be submitted to the Agency. The written assessment shall include:</p> <ul style="list-style-type: none"> - a scale drawing showing location of the emission points monitored; - modelling to determine whether or not the emissions are significant in comparison with the benchmark values listed in Section 3.11 of the Sector Guidance Note IPPC S5.06, dated December 2004; and details of how any emissions are to be prevented during the operation of the facility. <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the report.</p> <p>The report shall be implemented by the Operator from the date of approval by the Agency in writing.</p>	14/3/08 COMPLETE
IC13	<p>The Operator shall develop a written Site Closure Plan with regard to the requirements set out in Section 2.11 of the Agency Guidance Note IPPC S5.06, December 2004.</p> <p>Upon completion of the plan, a written copy shall be submitted to the Agency for approval.</p>	14/4/08 COMPLETE
IC14	<p>The Operator shall install the infrastructure required to ensure that drums that are not able to be re-used are cleaned to facilitate recycling or recovery by other means that accord with Section 2.1.13 of Sector Guidance Note S5.06, December 2004.</p>	14/5/08 COMPLETE
IC15	<p>The Operator shall undertake a water use audit in accordance with section 2.4.3 of the Agency Guidance Note IPPC S5.06, dated December 2004.</p> <p>The audit shall be submitted to the Agency with a timetable of improvements to be undertaken.</p>	15/9/08 COMPLETE
IC16	<p>The Operator shall undertake an energy use audit in accordance with section 2.7.2 of the Agency Guidance Note IPPC S5.06, dated December 2004.</p> <p>The audit shall be submitted to the Agency with a timetable of improvements to be undertaken.</p>	15/9/08 COMPLETE
IC17	<p>The Operator shall undertake a waste minimisation audit in accordance with section 2.4.2 of the Agency Guidance Note IPPC S5.06, dated December 2004.</p> <p>The audit shall be submitted to the Agency with a timetable of improvements to be undertaken.</p>	15/9/08 COMPLETE

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC18	<p>The Operator shall develop and implement a formal Environmental Management System (EMS) (as described in Sector Guidance Note IPPC S5.06 Issue 3 December 2004 (Section 2.3)) at the installation having regard to the requirements of ISO14001 or equivalent recognised standards. The EMS shall include all elements described in Section 2.3 of the application and in addition shall include at least the following elements:</p> <ul style="list-style-type: none"> - Procedures for monitoring of emissions and impacts; - Procedures to ensure environmental considerations are incorporated into capital approval and purchasing policies; - A comprehensive system of auditing; - Production of an annual environmental report; and - Procedures for the keeping of records of all aspects of the environmental management system. <p>A written report which describes the main elements of the EMS shall be submitted to the Agency.</p>	31/01/18
IC19	<p>The operator shall send the Environment Agency for approval a commissioning programme for the stormwater lagoon.</p> <p>This report shall include:</p> <ul style="list-style-type: none"> - an outline of the materials of construction and construction techniques for the stormwater lagoon - an outline of the permeability of the liner materials used - an assessment of whether the lagoon is in continuity with the existing groundwater and any requirements needed to protect groundwater - confirmation that the lagoon has been designed and constructed to the specifications in guidance document "Containment Systems for the Prevention of Pollution", CIRIA C736. <p>Operation of the stormwater lagoon shall not commence until the commissioning report is approved by the Environment Agency in written confirmation.</p> <p>Once approved and from the date stipulated by the Environment Agency, the report shall be implemented in accordance with the agreed timescales and design, subject to such amendments or additions as notified by the Environment Agency.</p>	05/06/2018
IC20	<p>The operator shall carry out a programme of sampling and analysis of the wastewater from the Washing Treatment & Recycling Facility for a range of dissolved metals – copper, nickel, chromium, zinc, lead, cadmium, mercury and arsenic.</p> <p>The programme shall encompass at least twelve samples taken at least two weeks apart.</p> <p>The operator shall submit a report detailing the results of this sampling and analysis regime and any programme for further studies or abatement to the Environment Agency for approval.</p> <p>Once approved and from the date stipulated by the Environment Agency, the report shall be implemented in accordance with the agreed timescales and design, subject to such amendments or additions as notified by the Environment Agency.</p>	05/09/2018

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC21	<p>The operator shall carry out a programme of noise monitoring and assessment in accordance with BS4142:2014 at the sensitive receptors defined in the Noise Impact Assessment of Proposed Separation Plant (December 2012).</p> <p>The operator shall submit a report detailing the results of this monitoring exercise and any programme for further monitoring or noise abatement to the Environment Agency for approval.</p> <p>Once approved and from the date stipulated by the Environment Agency, the report shall be implemented in accordance with the agreed timescales and design, subject to such amendments or additions as notified by the Environment Agency.</p>	05/06/2018
IC22	<p>The operator shall update the Site Condition Report to include the additional land brought into the permit by the change in the installation boundary to include the new stormwater lagoon and associated areas for sumps, pumps and pipework.</p>	05/06/2018

Schedule 2 – Waste types, raw materials and fuels

Raw materials and fuel description	Specification
Gas oil (diesel)	Less than 1.2% sulphur content.
Caustic Soda	5.50%
Ferric chloride	
Pical Zetag Polymer	
Lime	
Odour-kill de-odoriser	
Polyaluminium chloride flocculent	
Sodium hypochlorite	

Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 03*	tank bottom sludges <i>Note 1</i>
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 09*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
05 01 11*	wastes from cleaning of fuels with bases <i>Note 1</i>
05 01 12*	oil containing acids
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 05	sludges from on-site effluent treatment
06 05 02*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
07 05	wastes from the MFSU of pharmaceuticals

Table S2.2 Permitted waste types and quantities for oil plant centrifuge then chemically treat	
Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
07 05 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note1</i>
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors <i>Note1</i>
07 06 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note1</i>
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 11*	sludges from on-site effluent treatment containing dangerous substances <i>Note1</i>
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances <i>Note1</i>
08 01 12	waste paint and varnish not containing dangerous substances <i>Note1</i>
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances <i>Note1</i>
08 01 14	sludges from paint or varnish not containing dangerous substances <i>Note1</i>
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances <i>Note1</i>
08 01 16	aqueous sludges containing paint or varnish not containing dangerous substances <i>Note1</i>
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances <i>Note1</i>
08 01 18	wastes from paint or varnish removal not containing dangerous substances <i>Note1</i>
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances <i>Note1</i>
08 01 20	aqueous suspensions containing paint or varnish not containing dangerous substances <i>Note1</i>
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink <i>Note1</i>
08 03 08	aqueous liquid waste containing ink <i>Note1</i>
08 03 12*	waste ink containing dangerous substances <i>Note1</i>
08 03 13	waste ink not containing dangerous substances <i>Note1</i>
08 03 14*	ink sludges containing dangerous substances <i>Note1</i>
08 03 15	ink sludges not containing dangerous substances <i>Note1</i>
08 03 16*	waste etching solutions <i>Note1</i>
08 03 19*	disperse oil

Table S2.2 Permitted waste types and quantities for oil plant centrifuge then chemically treat	
Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
08 04	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09 <i>Note 1</i>
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances <i>Note 1</i>
08 04 12	adhesive and sealant sludges not containing dangerous substances <i>Note 1</i>
08 04 13*	aqueous sludges containing adhesives or sealants sludges containing organic solvents or other dangerous substances <i>Note 1</i>
08 04 14*	aqueous sludges containing adhesives or sealants sludges not containing dangerous substances <i>Note 1</i>
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 <i>Note 1</i>
08 04 17*	rosin oil
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 01*	water-based developer and activator solutions <i>Note 1</i>
09 01 02*	water-based offset plate developer solutions <i>Note 1</i>
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 20*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
10 01 22*	aqueous sludges from boiler cleansing containing dangerous substances <i>Note 1</i>
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 03	wastes from aluminium thermal metallurgy
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 09*	wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 06	wastes from copper thermal metallurgy
10 06 09*	wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 19*	wastes from cooling-water treatment containing oil
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY

Table S2.2 Permitted waste types and quantities for oil plant centrifuge then chemically treat	
Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 11*	aqueous rinsing liquids containing hazardous substances <i>Note 1</i>
11 01 12	aqueous rinsing liquids other than those mentioned in 11 01 11 <i>Note 1</i>
11 01 13*	degreasing wastes containing hazardous substances <i>Note 1</i>
11 01 14	degreasing wastes other than those mentioned in 11 01 13 <i>Note 1</i>
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 06*	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 08*	machining emulsions and solutions containing halogens
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 14*	machining sludges containing hazardous substances (Note 1)
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 03	wastes from water and steam degreasing processes (except 11)
12 03 01*	aqueous washing liquids <i>Note 1</i>
12 03 02*	steam degreasing wastes <i>Note 1</i>
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
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	waste engine, gear and lubricating 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

Table S2.2 Permitted waste types and quantities for oil plant centrifuge then chemically treat	
Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
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	bilge oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	oil/water separator contents
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 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	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
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 13*	brake fluids
16 01 15*	antifreeze fluids not containing dangerous substances
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing dangerous substances <i>Note 1</i>
16 03 05*	organic wastes containing dangerous substances <i>Note 1</i>
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

Table S2.2 Permitted waste types and quantities for oil plant centrifuge then chemically treat	
Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
16 07 08*	wastes containing oil
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 01	wastes from incineration or pyrolysis of wastes
19 01 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes <i>Note 1</i>
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 05*	sludges from physico/chemical treatment containing dangerous substances <i>Note 1</i>
19 02 07*	oil and concentrates from separation
19 08	wastes from waste water treatment plants not otherwise specified
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
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water <i>Note 1</i>
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water <i>Note 1</i>
19 11	wastes from oil regeneration
19 11 03*	aqueous liquid wastes <i>Note 1</i>
19 11 04*	wastes from cleaning of fuel with bases <i>Note 1</i>
19 11 05*	sludges from on-site effluent treatment containing dangerous substances <i>Note 1</i>
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 10	combustible waste (refuse derived fuel) <i>Note 1</i>
19 13	wastes from soil and groundwater remediation
19 13 03*	sludges from soil remediation containing dangerous substances <i>Note 1</i>
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03
19 13 05*	sludges from groundwater remediation containing dangerous substances <i>Note 1</i>
19 13 07*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances <i>Note 1</i>
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 27*	sludges from soil remediation containing dangerous substances <i>Note 1</i>
20 01 28	paint, inks, adhesives and resins not containing dangerous substances <i>Note 1</i>
20 01 29*	detergents containing dangerous substances <i>Note 1</i>

Table S2.2 Permitted waste types and quantities for oil plant centrifuge then chemically treat	
Maximum quantity	Reception, storage, separation and treatment of oil contaminated wastes are not to exceed 870 tonnes at any one time. Storage of recovered waste oil prior to collection for recovery, not to exceed 200 tonnes at any one time.
Waste code	Description
20 01 30	detergents not containing dangerous substances <i>Note 1</i>

Note 1:

These waste streams are only to be processed by being batched and processed through the oil plant separately to any oil contaminated waste. The process involves distillation of solvents followed by an acid/alkali swing to remove further contaminants.

Table S2.3 Permitted waste types and quantities for centrifuge then biologically treated	
Maximum quantity	Reception, storage, separation and biological treatment of hazardous and non-hazardous organic liquid wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.4 and S2.5.
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 01	sludges from washing and cleaning
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01	sludges from washing and cleaning
02 02 04	sludges from on-site effluent treatment
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 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 05	sludges from on-site effluent treatment
02 04	wastes from sugar processing
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 05	wastes from the dairy products industry
02 05 02	sludges from on-site effluent treatment
02 06	wastes from the baking and confectionery industry
02 06 03	sludges from on-site effluent treatment
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

Table S2.3 Permitted waste types and quantities for centrifuge then biologically treated	
Maximum quantity	Reception, storage, separation and biological treatment of hazardous and non-hazardous organic liquid wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.4 and S2.5.
Waste code	Description
02 07 02	wastes from spirits distillation
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 03	wastes from pulp, paper and cardboard production and processing
03 03 05	de-inking sludges from paper recycling
03 03 11	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	wastes from the leather and fur industry
04 01 05	tanning liquor free of chromium
04 01 07	sludges, in particular from on-site effluent treatment free of chromium
04 02	wastes from the textile industry
04 02 10	organic matter from natural products (for example, wax, grease)
04 02 17	dyestuffs and pigments not containing dangerous substances
04 02 19*	sludges from on-site effluent treatment containing dangerous substances
04 02 20	sludges from on-site effluent treatment not containing dangerous substances
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 10	sludges from on-site effluent treatment not containing dangerous substances
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 15	spent filter clays
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 05	sludges from on-site effluent treatment
06 05 03	sludges from on-site effluent treatment not containing dangerous substances
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 12	sludges from on-site effluent treatment not containing dangerous substances
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 12	sludges from on-site effluent treatment not containing dangerous substances
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 12	sludges from on-site effluent treatment not containing dangerous substances
07 04	wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides

Table S2.3 Permitted waste types and quantities for centrifuge then biologically treated	
Maximum quantity	Reception, storage, separation and biological treatment of hazardous and non-hazardous organic liquid wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.4 and S2.5.
Waste code	Description
07 04 12	sludges from on-site effluent treatment not containing dangerous substances
07 05	wastes from the MFSU of pharmaceuticals
07 05 12	sludges from on-site effluent treatment not containing dangerous substances
07 06	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 12	sludges from on-site effluent treatment not containing dangerous substances
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 12	sludges from on-site effluent treatment not containing dangerous substances
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 21	sludges from on-site effluent treatment not containing dangerous substances
10 01 23	aqueous sludges from boiler cleansing not containing dangerous substances
10 01 26	wastes from cooling-water treatment
10 02	wastes from the iron and steel industry
10 02 12	wastes from cooling-water treatment other than those mentioned in 10 02 11
10 03	wastes from aluminium thermal metallurgy
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 06	wastes from copper thermal metallurgy
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 15	sludges and filter cakes from gas treatment
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment

Table S2.3 Permitted waste types and quantities for centrifuge then biologically treated	
Maximum quantity	Reception, storage, separation and biological treatment of hazardous and non-hazardous organic liquid wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.4 and S2.5.
Waste code	Description
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 14	waste concrete and concrete sludge
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 03	off-specification batches and unused products
16 03 04	inorganic wastes not containing dangerous substances
16 03 06*	organic wastes not containing dangerous substances
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 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 06	sludges from physico/chemical treatment not containing dangerous substances
19 06	wastes from anaerobic treatment of waste
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 07	landfill leachate
19 07 03	landfill leachate not containing dangerous substances
19 08	wastes from waste water treatment plants not otherwise specified
19 08 05	sludges from treatment of urban waste water
19 08 12	sludges from biological treatment of industrial waste water not containing dangerous substances
19 08 14	sludges from other treatment of industrial waste water not containing dangerous substances
19 09	Wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 06	solutions and sludges from regeneration of ion exchangers
19 11	wastes from oil regeneration
19 11 06	sludges from on-site effluent treatment not containing dangerous substances
19 13	wastes from soil and groundwater remediation
19 13 06	sludges from groundwater remediation not containing dangerous substances
19 13 08	aqueous liquid wastes and aqueous concentrates from groundwater remediation not containing dangerous substances

Table S2.3 Permitted waste types and quantities for centrifuge then biologically treated	
Maximum quantity	Reception, storage, separation and biological treatment of hazardous and non-hazardous organic liquid wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.4 and S2.5.
Waste code	Description
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 25	edible oil and fat
20 01 26*	oil and fat not containing dangerous substances
20 03	other municipal wastes
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks not containing dangerous substances
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes not containing dangerous substances
01 04 11	wastes from potash and rock salt processing not containing dangerous substances
01 04 13	wastes from stone cutting and sawing not containing dangerous substances
01 05	drilling muds and other drilling wastes
01 05 04	freshwater drilling muds and wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
01 05 07	barite-containing drilling muds and wastes not containing dangerous substances
01 05 08	chloride-containing drilling muds and wastes not containing dangerous substances
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 <i>Note2</i>
02 01 03	plant-tissue waste
02 01 07	wastes from forestry

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
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 <i>Note2</i>
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 02	wastes from preserving agents
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 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 02	wastes from preserving agents
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 03	wastes from chemical treatment
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the productions of panels and furniture
03 01 01	waste bark and cork
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer not containing dangerous substances
03 02	wastes from wood preservation
03 02 04*	inorganic wood preservatives
03 03	wastes from pump, 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
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 17	bitumen
05 07	wastes from natural gas purification and transportation
05 07 01*	wastes containing mercury

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 02*	hydrochloric acid
06 02	wastes from the MFSU of bases
06 02 01*	calcium hydroxide
06 02 04*	sodium and potassium hydroxide
06 07	wastes from the MFSU of halogens and halogen chemical processes
06 07 02*	activated carbon from chlorine production
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 02*	spent activated carbon (except 06 07 02)
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01	wastes from MFSU and removal of paint and varnish
08 01 21*	waste paint or varnish remover
08 03	wastes from MFSU of printing inks
08 03 18	waste printing toner not containing dangerous substances
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 04*	oil fly ash and boiler dust
10 01 13*	fly ash from emulsified hydrocarbons used as fuel
10 01 14*	bottom ash, slag and boiler dust from co-incineration containing dangerous substances
10 01 15	bottom ash, slag and boiler dust from co-incineration not containing dangerous substances
10 01 16*	fly ash from co-incineration containing dangerous substances
10 01 17	fly ash from co-incineration not containing dangerous substances
10 01 18*	wastes from gas cleaning containing dangerous substances
10 01 19	wastes from gas cleaning not containing dangerous substances
10 02	wastes from the iron and steel industry

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
10 02 01*	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 10	mill scales
10 02 13*	sludges and filter cakes from gas treatment containing dangerous substances
10 02 14	sludges and filter cakes from gas treatment not containing dangerous substances
10 02 15	other sludges and filter cakes
10 03	wastes from aluminium thermal metallurgy
10 03 25*	sludges and filter cakes from gas treatment containing dangerous substances
10 03 26	sludges and filter cakes from gas treatment not containing dangerous substances
10 04	wastes from lead thermal metallurgy
10 04 07*	sludges and filter cakes from gas treatment
10 05	wastes from zinc thermal metallurgy
10 05 06*	sludges and filter cakes from gas treatment
10 06	wastes from copper thermal metallurgy
10 06 07*	sludges and filter cakes from gas treatment
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 05	sludges and filter cakes from gas treatment
10 08	wastes from other non-ferrous thermal metallurgy
10 08 18	sludges and filter cakes from flue-gas treatment not containing dangerous substances
10 11	wastes from manufacture of glass and glass products
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances
10 11 14	glass-polishing and -grinding sludge not containing dangerous substances
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances
10 11 18	sludges and filter cakes from flue-gas treatment not containing dangerous substances
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 04	wastes from calcination and hydration of lime
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 12*	spent waxes and fats
12 01 17	waste blasting material other than those mentioned in 12 01 16
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
13 01 01*	hydraulic oils, containing PCBs
13 03	waste insulating and heat transmission oils
13 03 01*	insulating or heat transmission oils containing PCBs
13 05	oil/water separator contents
13 05 01*	solids from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 03*	other fuels (including mixtures)
14	WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)
14 06	waste organic solvents, refrigerants and foam/aerosol propellants
14 06 03*	other solvents and solvent mixtures
14 06 04*	sludges or solid wastes containing halogenated solvents
14 06 05*	sludges or solid wastes containing other solvents
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
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 01 10*	packaging containing residues of or contaminated by dangerous substances
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing not containing dangerous substances
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 07*	oil filters
16 01 14*	antifreeze fluids containing dangerous substances
16 01 16	tanks for liquefied gas

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 05	gases in pressure containers and discarded chemicals
16 05 06*	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
16 05 07*	discarded inorganic chemicals consisting of or containing dangerous substances
16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 05 09	discarded chemicals not containing dangerous substances
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 04	alkaline batteries (except 16 06 03)
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 09*	wastes containing other dangerous substances
16 09	oxidising substances
16 09 03*	peroxides, for example hydrogen peroxide
16 09 04*	oxidising substances, not otherwise specified
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing dangerous substances
16 10 02	aqueous liquid wastes not containing dangerous substances
16 10 03*	aqueous concentrates containing dangerous substances
16 10 04	aqueous concentrates not containing dangerous substances
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 09*	metal waste contaminated with dangerous substances
17 04 10*	cables containing oil, coal tar and other dangerous substances
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing dangerous substances
17 05 04	soil and stones not containing dangerous substances
17 05 05*	dredging spoil containing dangerous substances
17 05 07*	track ballast containing dangerous substances
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 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example, dressings, plaster casts, linen, etc).
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 01	wastes from incineration or pyrolysis of waste
19 01 05*	filter cake from gas treatment
19 01 10*	spent activated carbon from flue-gas treatment
19 01 11*	bottom ash and slag containing dangerous substances
19 01 13*	fly ash containing dangerous substances
19 01 15*	boiler dust containing dangerous substances
19 05	wastes from aerobic treatment of solid wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 06*	saturated or spent ion exchange resins
19 08 07*	solutions and sludges from regeneration of ion exchangers
19 08 08*	membrane system waste containing heavy metals

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
19 09	Wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01	solid waste from primary filtration and screenings
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 03*	fluff-light fraction and dust containing dangerous substances
19 10 06	other fractions not containing dangerous substances
19 11	wastes from oil regeneration
19 11 01*	spent filter clays
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
19 12 06*	wood containing dangerous substances
19 12 07	wood not containing dangerous substances
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 11*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes not containing dangerous substances
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing dangerous substances
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 15*	alkalines
20 01 21*	fluorescent tubes and other mercury-containing waste

Table S2.4 Permitted waste types and quantities for safely store and dispose (waste transfer)	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in tables S2.5.
Waste code	Description
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous substances
20 01 38	wood not containing dangerous substances
20 01 39	plastics
20 01 40	metals
20 02	garden and park waste (including cemetery waste)
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes

Note 2: Wastes accepted under these codes (02 01 02 and 02 02 02) will be limited to DAF Sludge from Birds Eye Ltd. Lowestoft and effluent sludge that contains poultry feathers from 2 Sisters Foods, Buxted. Also included under these codes are wastes generated by work that involves sea water (i.e. cooling systems at Sizewell power station) as these wastes inevitably end up with sea animals contained within the waste removed. Although both these wastes are not category 3 meat products they are still classed as animal tissue wastes and will only be accepted for disposal by the site, using the method stated in the application (neutralisation and subsequent land injection).

Table S2.5 Permitted waste types and quantities for bulking and landfill	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in table S2.4.
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 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 08	dusty and powdery wastes not containing dangerous substances
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 07*	wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals
01 04 10	dusty and powdery wastes not containing dangerous substances
01 04 12	tailings and other wastes from washing and cleaning of minerals not containing dangerous substances
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

Table S2.5 Permitted waste types and quantities for bulking and landfill	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in table S2.4.
Waste code	Description
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 04	waste plastics (except packaging)
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 02	wastes from the textile industry
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 13	wastes from inorganic chemical processes not otherwise specified
06 13 03	carbon black
06 13 05*	soot
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 24	sands from fluidised beds
10 01 25	wastes from fuel storage and preparation of coal-fired power plants
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 06	particulates and dust (except 10 13 12 and 10 13 13)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics not containing dangerous substances
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil

Table S2.5 Permitted waste types and quantities for bulking and landfill	
Maximum quantity	Reception, storage, separation bulking and transfer for disposal/recycling of hazardous and non-hazardous wastes are not to exceed 785 tonnes at any one time in combination with wastes in table S2.4.
Waste code	Description
17 05 06	dredging spoil not containing dangerous substances
17 05 08	track ballast not containing dangerous substances
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 01	wastes from incineration or pyrolysis of waste
19 01 12	bottom ash and slag not containing dangerous substances
19 01 14	fly ash not containing dangerous substances
19 01 16	boiler dust not containing dangerous substances
19 01 19	sands from fluidised beds
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 08	wastes from waste water treatment plants not otherwise specified
19 08 02	waste from desanding
19 09	Wastes from the preparation of water intended for human consumption or water for industrial use
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 10	wastes from shredding of metal-containing wastes
19 10 04	fluff-light fraction and dust not containing dangerous substances
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation not containing dangerous substances

Table S2.6 Permitted waste types and quantities for washing treatment and recycling facility (WTRF)	
Maximum quantity	Total tonnage not to exceed 35,000 tonnes per annum.
Waste code	Description
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 04	Metallic packaging
15 01 05	Composite packaging
15 01 06	Mixed packaging
15 01 07	Glass packaging

Table S2.6 Permitted waste types and quantities for washing treatment and recycling facility (WTRF)	
Maximum quantity	Total tonnage not to exceed 35,000 tonnes per annum.
Waste code	Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 07	Mixtures of concretes, bricks, tiles and ceramics other than those in 17 01 06
17 02	wood, glass and plastic
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 in 17 03 01
17 04	metals (including their alloys)
17 04 02	Aluminium
17 04 05	Iron and steel
17 04 07	Mixed metals
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones not containing dangerous substances
17 05 08	Track ballast not containing dangerous substances
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
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION
19 01	wastes from incineration or pyrolysis of waste
19 01 02	Ferrous materials removed from bottom ash
19 01 12	Bottom ash and slag other than those in 19 01 11
19 01 19	Sands from fluidised beds
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	Pre-mixed wastes composed only of non-hazardous wastes
19 04	vitrified waste and wastes from vitrification
19 04 01	Vitrified wastes
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	Screenings
19 08 02	Waste from desanding
19 09	Wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01	Solid waste from primary filtration and screenings

Table S2.6 Permitted waste types and quantities for washing treatment and recycling facility (WTRF)	
Maximum quantity	Total tonnage not to exceed 35,000 tonnes per annum.
Waste code	Description
19 10	wastes from shredding of metal-containing wastes
19 10 01	Iron and steel waste
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 02	Ferrous metal
19 12 03	Non-ferrous metal
19 12 04	Plastic and rubber
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
19 13	wastes from soil and groundwater remediation
19 13 02	Solid wastes from soil remediation not containing dangerous substances
19 13 04	Sludges from soil remediation not containing dangerous substances
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
21 01 02	Glass
20 01 39	Plastics
20 01 40	Metals
20 02	garden and park waste (including cemetery waste)
20 02 02	Soil and stones (from gardens and parks)
20 02 03	Other non-biodegradable waste
20 03	other municipal wastes
20 03 01	Mixed municipal waste
20 03 03	Street cleansing residues
20 03 06	Waste from sewage cleaning

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 on site plan in Schedule 7]	Boiler Plant	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Hourly average	Annual	ISO 10849 - 1996
		Particulate matter	No limit set	Hourly average	Annual	BS EN 13284-1: 2002
		Sulphur dioxide	No limit set	Hourly average	Annual	BS 606904:4: 1993
		Carbon monoxide	No limit set	Hourly average	Annual	BS EN 15058

Table S3.2 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
W3 on site plan in schedule 7 emission to unnamed ditch at OS grid reference TM424964 (Sample location TM41739676)	Lagoon	BOD	20 mg/l	Spot sample	Monthly ^{Note2}	In accordance with Environment Agency Technical Guidance Note M18 'Monitoring of discharges to water and sewer'
		Ammonia	3 mg/l			
		Suspended Solids	50 mg/l			
		Total Phosphate	1 mg/l			
		Cadmium	5.5 µg/l			
		Mercury	1.1 µg/l			
		Zinc	550 µg/l			
		Aluminium	1000 µg/l			
		Copper	125 µg/l			
		Arsenic	55 µg/l			
		Nickel	220 µg/l			
		Chromium	275 µg/l			
		Lead	275 µg/l			
		Chlorotoluron	2.2 µg/l			
		Mecoprop	20 µg/l			
pH	6 - 9					
Oil	No visible oil	24 hour total	Continuous			
Total daily volume of discharge	200m ³ /day ^{Note1}					
W4 on site plan in schedule 7 emission to River Beck at OS grid reference TM41429779 (Sample location TM41739675)	Lagoon	Ammonia	3 mg/l	Spot sample	Monthly ^{Note2}	
		Total Phosphate	1 mg/l			
		Demetons	0.5ug/l			
		Boron	2450 µg/l			
		Cyanide Free	<LOD			
		pH	6 - 9			
		Oil	No visible oil			
		Total daily volume of discharge	200m ³ /day ^{Note1}	24 hour total	Continuous	

(Note 1) A combined maximum daily volume of 200m³ discharge to emission points W3 and W4

(Note 2) Where this discharge point is used in any calendar month a sample must be taken

Table S3.3 Surface water or groundwater monitoring requirements				
Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
W3 and W4 on site plan in schedule 7 - emission to unnamed ditch at OS grid reference TM424964 and TM41429779	Benzene Toluene Xylene Ethylbenzene Napthalene	Quarterly	In accordance with Environment Agency Technical Guidance Note M18 "Monitoring of discharges to water and sewer"	

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Total suspended solids	Weekly flow-proportional composite samples of discharge.	SCA 105 ISBN 01175 1957X ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	BOD (Biological oxygen demand)	Weekly flow-proportional composite samples of discharge.	SCA ISBN 01175 22120) ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Ammonia	Weekly flow-proportional composite samples of discharge.	SCA ISBN 01175 16139 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Nitrogen	Weekly flow-proportional composite samples of discharge.	BS 6068-2.62:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Cadmium	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Mercury	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Lead	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Chromium	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Copper	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Zinc	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Nickel	Weekly flow-proportional composite samples of discharge.	BSEN ISO 11885:1998 ^{Note 1}	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.

Table S3.4 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	pH	Weekly flow-proportional composite samples of discharge.	BS 6068-2.50:1995, ISO 10523:1994 <small>Note 1</small>	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Flow	Continuous	To conform to MCERTS standard <small>Note 1</small>	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.
W1 and W2 ^{Note 2} on site plan discharge from Effluent Treatment Plant	Total Hydrocarbons oils	Weekly flow-proportional composite samples of discharge.	SCA blue book 77 ISBN 0117517283 <small>Note 1</small>	Monitoring point W2 to be agreed with the Agency before the proposed effluent treatment plant commences operations.

Note 1:

The monitoring methods in Table S3.4 are the methods specified in Environment Agency Technical Guidance Note M18, "Monitoring of discharges to water and sewer". Where these methods are not currently employed by the operator, agreement of the use of suitable alternative methods shall be reached with the Environment Agency in writing within 4 months of permit issue.

Note 2:

Monitoring from point W2 (proposed effluent treatment plant) to commence upon plant becoming operational.

Schedule 4 – Reporting

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

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A1	Annually	14/09/07
Emissions from effluent treatment plants Parameters as required by condition 3.5.1	W1 and W2	Quarterly	14/09/07
Emissions to water Parameters as required by condition 3.5.1	W3 and W4	Every 6 months	14/09/07

Parameter	Units
Treatment of hazardous waste	tonnes
Treatment of non-hazardous waste	tonnes
Production/disposal of waste sludge/cake	tonnes
Disposal of recovered oil	tonnes

Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	05/12/17
Water and Land	Form water 1 or other form as agreed in writing by the Environment Agency	05/12/17
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	05/12/17
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	05/12/17
Other performance parameters	Form performance 1 or other form as agreed in writing by the Environment Agency	05/12/17

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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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 2016 No.1154 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 in Annex III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“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 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

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:

- 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

- 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.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, tables S2.2 – S2.6, for those tables they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“PCBs” means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

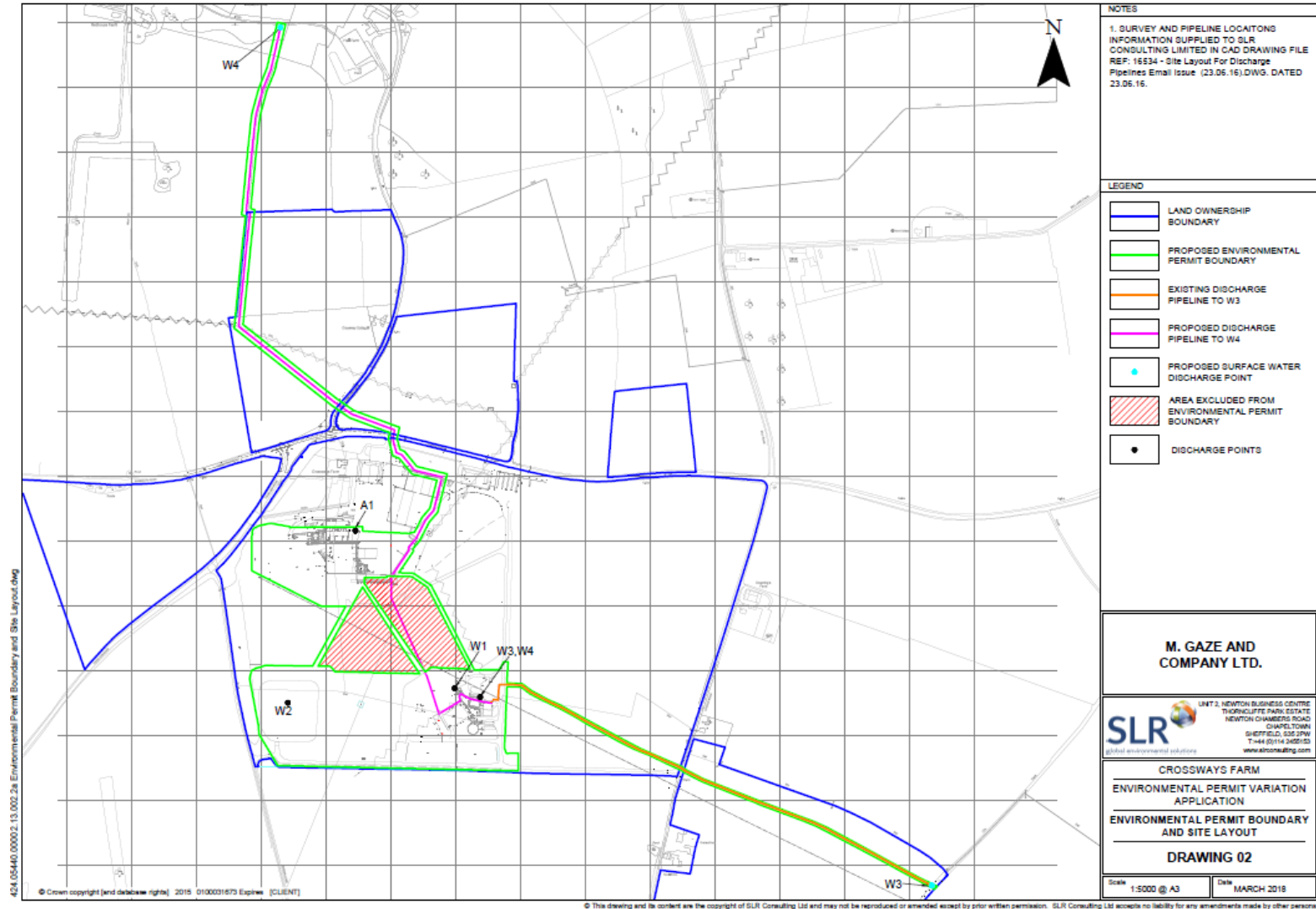
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

Schedule 7 – Site plan



Permit number
EPR/FP3332MF

END OF PERMIT

Permit Number: FP3332MF Operator: M. Gaze & Co. Limited

Facility: Crossways Farm Form Number: Air1 / 05/12/17

Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]

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 Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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)

Permit Number: FP3332MF Operator: M. Gaze & Co. Limited

Facility: Crossways Farm Form Number: Water1 / 05/12/17

Reporting of emissions to water (other than to sewer) and land for the period from DD/MM/YYYY to DD/MM/YYYY

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]

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 Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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)

Permit Number: FP3332MF

Operator: M. Gaze & Co. Limited

Facility: Crossways Farm

Form Number: WaterUsage1 / 05/12/17

Reporting of Water Usage for the year XXXX

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
TOTAL WATER USAGE		

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: FP3332MF

Operator: M. Gaze & Co. Limited

Facility: Crossways Farm

Form Number: Energy1 / 05/12/17

Reporting of Energy Usage for the year XXXX

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: FP3332MF Operator: M. Gaze & Co. Limited

Facility: Crossways Farm Form Number: Performance1 / 05/12/17

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

Parameter	Units

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)