

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Tradebe Solvent Recycling Limited

Knottingley Processing Plant
Weeland Road
Knottingley
West Yorkshire
WF11 8DZ

Variation application number
EPR/TP3334SF/V010

Permit number
EPR/TP3334SF

Knottingley Processing Plant Permit number EPR/TP3334SF

Introductory note

This introductory note does not form a part of the notice

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

The variation is undertaken at the request of the operator to record a change of registered office address from Whittle Close, Engineer Park, Sandycroft, Deeside, Flintshire, Wales, CH5 2QE to Atlas House, Third Avenue, Globe Park, Marlow, Buckinghamshire, SL7 1EY.

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

Status log of the permit			
Description	Date	Comments	
Application TP3334SF	Received 29/03/05		
Response to request for information	Request dated 22/07/05	Response received	12/08/05
Additional Information (Response to Schedule 4 Notice Requiring Further Information)	Request dated 09/08/05	Response received	14/10/05
Additional Information (Acceptable Waste Category Schedule)		Received	01/12/05
Additional Information (Specification of all fuels and wastes)		Received	14/12/05
Permit determined	16/12/05		
Variation PP3034XX (Specification of PGD)	31/01/08		
Variation PP3034XX determined	18/02/08		
Application EPR/TP3334SF/V003	03/11/10		
Additional Information	Requested 06/01/11	Received	13/01/11
Variation issued	01/04/11		
Application EPR/TP3334SF/V004	27/09/11		
Variation issued	06/12/11		
Application received EPR/TP3334SF/V005	19/12/11	Notified of change of company name	

Status log of the permit

Description	Date	Comments
Permit determined EPR/TP3334SF	27/01/12	Variation Issued EPR/TP3334SF
Application EPR/TP3334SF/S008 (PAS No. CP3437CH)	16/07/12	
Partial Surrender EPR/TP3334SF/S006 issued	09/10/12	Effective from 09/10/2012
Application EPR/TP3334SF/V007 (PAS No. GP3637CN)	16/07/12	
Variation EPR/TP3334SF/V007 Issued	09/10/12	Effective from 09/10/2012
Variation EPR/TP3334SF/V008 Issued	21/08/13	Effective from 21/08/2013
Application EPR/TP3334SF/V009	10/01/14	Application to add a waste code
Variation EPR/TP3334SF/V009 issued	22/01/14	Variation Issued
Notified of change of registered office address	06/02/15	Registered office address changed to Atlas House, Third Avenue, Globe Park, Marlow, Buckinghamshire, SL7 1EY.
Variation Issued EPR/TP3334SF/V010	16/02/15	Varied permit issued to Tradebe Solvent Recycling Limited

Other existing Licences/Authorisations/Registrations relating to this site

Holder	Reference Number	Date of Issue
Solvent Resource Management Limited	Water abstraction licence ref 2/27/18/008	30/05/2003

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

permit number
EPR/TP3334SF

issued to
Tradebe Solvent Recycling Limited ("the operator")

whose registered office is

**Atlas House
Third Avenue
Globe Park
Marlow
Buckinghamshire
SL7 1EY**

company registration number **03890526**

to operate a regulated facility at

**Knottingley Processing Plant
Weeland Road
Knottingley
West Yorkshire
WF11 8DZ**

as follows

on the permit page the registered office address is changed from Whittle Close, Engineer Park, Sandycroft, Deeside, Flintshire, Wales, CH5 2QE to Atlas House, Third Avenue, Globe Park, Marlow, Buckinghamshire, SL7 1EY.

The notice shall take effect from 16/02/2015

Name	Date
Damien Matthias	16/02/2015

Authorised on behalf of the Environment Agency



Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Tradebe Solvent Recycling Limited

Knottingley Processing Plant
Weeland Road
Knottingley
West Yorkshire
WF11 8DZ

Variation application number
EPR/TP3334SF/V009

Permit number
EPR/TP3334SF

Knottingley Processing Plant Permit number EPR/TP3334SF

Introductory note

This introductory note does not form a part of the notice

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

This variation adds a new waste code 18 01 06* to acceptable waste types for on-site processing.

The schedules specify the changes made to the original permit.

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

Status log of the permit

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Response to request for information	Request dated 22/07/2005	Response received 12/08/05
Additional Information (Response to Schedule 4 Notice Requiring Further Information)	Request dated 09/08/2005	Response received 14/10/05
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Permit determined	16/12/2005	
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Variation PP3034XX determined	18/02/2008	
Application EPR/TP3334SF/V003	03/11/2010	
Additional Information	Requested 06/01/2011	Received 13/01/2011
Variation issued	01/04/2011	
Application EPR/TP3334SF/V004	27/09/2011	

Status log of the permit

Description	Date	Comments
Variation Issued	06/12/2011	
Application received EPR/TP3334SF/V005	19/12/2011	Notified of change of company name
Permit determined EPR/TP3334SF	27/01/2012	Variation Issued EPR/TP3334SF
Application EPR/TP3334SF/S006 (PAS No. CP3437CH)	16/07/2012	
Partial Surrender EPR/TP3334SF/S006 issued	09/10/2012	Effective from 09/10/2012
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Variation EPR/TP3334SF/V008 issued	21/08/2013	Effective from 21/08/2013
Application EPR/TP3334SF/V009	10/01/2014	Application to add a waste code
Variation EPR/TP3334SF/V009 issued	22/01/2014	Variation issued

Other existing Licences/Authorisations/Registrations relating to this site

Holder	Reference Number	Date of Issue
Solvent Resource Management Limited	Water abstraction licence ref 2/27/18/008	30/05/2003

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/TP3334SF

issued to:
Tradebe Solvent Recycling Limited ("the operator")

whose registered office is
Whittle Close Engineer Park
Sandycroft
Deeside
Flintshire
Wales
CH5 2QE

company registration number **03890526**

to operate a regulated facility at
Knottingley Processing Plant
Weeland Road
Knottingley
West Yorkshire
WF11 8DZ

to the extent set out in the schedules.

The notice shall take effect from 22/01/2014

Name	Date
Thomas Ruffell	22/01/2014

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

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

Table 2.1.2d as referenced in condition 2.1.3 is amended to add a new waste code.

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals.
0103	wastes from physical and chemical processing of metalliferous minerals
010309	red mud from alumina production other than the wastes mentioned in 01 03 07
0105	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
0203	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.
020303	wastes from solvent extraction
020304	materials unsuitable for consumption or processing
0207	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
020702	wastes from spirits distillation
020704	materials unsuitable for consumption or processing
040102	lime mud waste
0402	wastes from the textile industry
040210	organic matter from natural processes (eg grease, wax)
040214 *	*wastes from finishing containing organic solvents
040216*	*dyestuff and pigments containing dangerous substances
040217*	dyestuffs and pigments other than those mentioned in 040216*
0501	wastes from petroleum refining
050103*	*tank bottom sludges
050104*	*acid alkyl sludges
050105*	*oil spills
050106*	*oily sludges from maintenance operations of the plant or equipment
050107*	*acid tars
050108*	*other tars

Table 2.1.2d: Acceptable Waste Categories for onsite site processing

Waste type	Limitations
Waste code	Description
050109*	sludges from on-site effluent treatment containing dangerous substances
050110	Sludges from on site treatment other than those mentioned in 05 01 09
050112*	*oil containing acids
050113	boiler feedwater sludges
050115	spent filter clays
050117	bitumen
0505	Wastes from the pyrolytic treatment of coal
050601	*acid tars
0607	Wastes from the MSFU of halogens and halogen chemical processes
060702	*activated carbon from chlorine production
0613	Wastes from inorganic chemical processes not otherwise specified
061302*	*spent activated carbon (except 060702)
061303	carbon black
0701	Wastes from the manufacture, formulation, supply and use (MSFU) of basic organic chemicals
070101*	*aqueous washing liquids and other mother liquors
070103*	organic halogenated solvents, washing liquids and mother liquors
070104*	*other organic solvents, washing liquids and mother liquors
070107*	*halogenated still bottoms and reaction residues
070108*	*other still bottoms and reaction residues
070109*	*halogenated filter cakes and spent absorbents
0702	Wastes from the MSFU of plastics, synthetic rubber and manmade fibres
070201*	aqueous washing liquids and mother liquors
070203*	*organic halogenated solvents, washing liquids and mother liquors
070204*	*other organic solvents, washing liquids and mother liquors
070207*	*halogenated still bottoms and reaction residues
070208*	*other still bottoms and reaction residues
070209*	*halogenated filter cakes and spent absorbents
070211	sludges from on-site effluent treatment containing dangerous substances
0703	Wastes from the MSFU of organic dyes and pigments (except 0611)
070301*	*aqueous washing liquids and mother liquors
070303*	*organic halogenated solvents, washing liquids and mother liquors
070304*	*other organic solvents, washing liquids and mother liquors
070307*	*halogenated still bottoms and reaction residues
070308*	*other still bottoms and reaction residues
070309*	*halogenated filter cakes and spent absorbents
0704	Wastes from the MSFU of organic plant protection products (except 020108 and 020109), wood preserving agents (except 0302) and other biocides
070401*	*aqueous washing liquids and mother liquors
070403*	*organic halogenated solvents, washing liquids and mother liquors
070404*	*other organic solvents, washing liquids and mother liquors

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
070407*	*halogenated still bottoms and reaction residues
070408*	*other still bottoms and reaction residues
070409*	*halogenated filter cakes and spent absorbents
070413	solid wastes containing dangerous substances
0705	Wastes from the MFSU of pharmaceuticals
070501*	*aqueous washing liquids and mother liquors
070503*	*organic halogenated solvents, washing liquids and mother liquors
070504*	*other organic solvents, washing liquids and mother liquors
070507*	*halogenated still bottoms and reaction residues
070508*	*other still bottoms and reaction residues
070510*	*other filter cakes, spent absorbents
070513	solid wastes containing dangerous substances not on current permit
0706	Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
070601*	*aqueous washing liquids and mother liquors
070603*	*organic halogenated solvents, washing liquids and mother liquors
070604*	*other organic solvents, washing liquids and mother liquors
070607*	*halogenated still bottoms and reaction residues
070608*	*other still bottoms and reaction residues
070609*	*halogenated filter cakes and spent absorbents
0707	Wastes from the MFSU of fine chemicals and chemical products not otherwise specified
070701*	*aqueous washing liquids and mother liquors
070703*	*organic halogenated solvents, washing liquids and mother liquors
070704*	*other organic solvents, washing liquids and mother liquors
070707*	*halogenated still bottoms and reaction residues
070708*	*other still bottoms and reaction residues
070709*	*halogenated filter cakes and spent absorbents
0801	Wastes from the MFSU and removal of paint and varnish
080111*	*waste paint and varnish containing organic solvents or other dangerous substances
080112	waste paint and varnish other than those mentioned in 08 01 11
080113*	*sludges from paint or varnish containing organic solvents or other dangerous substances
080114	sludges from paint or varnish other than those mentioned in 080113
080115 *	*aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
080116	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
080117 *	*wastes from paint or varnish removal containing organic solvents or other dangerous substances
080118	wastes from paint or varnish removal other than those mentioned in 08 01 17
080119 *	*aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
080120	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
080121 *	*waste paint or varnish remover

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
0803	Waste from MFSU of printing inks
080307	aqueous sludges containing ink
080308	aqueous liquid waste containing ink
080312*	waste ink containing dangerous substances
080313	waste ink other than those mentioned in 08 03 12
080314 *	ink sludges containing dangerous substances
080315	ink sludges other than those mentioned in 08 03 14
080316*	waste etching solutions
080317 *	waste printing toner containing dangerous substances
080318	waste printing toner other than those mentioned in 08 03 17
080319 *	disperse oil
0804	Wastes from MFSU of adhesives and sealants (including waterproofing products)
080409*	waste adhesives and sealants containing organic solvents or other dangerous substances
080410	waste adhesives and sealants other than those mentioned in 08 04 09
080411*	adhesive and sealant sludges containing organic solvents or other dangerous substances
080412	adhesive and sealant sludges other than those mentioned in 08 04 11
080413*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
080414	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
080415*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
080416	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
080417*	rosin oil
0901	wastes from the photographic industry
090103*	*solvent-based developer solutions
1002	wastes from the iron and steel industry
100211*	wastes from cooling-water treatment containing oil
1003	wastes from aluminium thermal metallurgy
10 03 17*	tar-containing wastes from anode manufacture
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
1005	wastes from zinc thermal metallurgy
100508 *	wastes from cooling-water treatment containing oil
1006	wastes from copper thermal metallurgy
100609*	wastes from cooling-water treatment containing oil
1007	wastes from silver, gold and platinum thermal metallurgy
100707*	wastes from cooling-water treatment containing oil
1008	wastes from other non-ferrous thermal metallurgy
100812*	tar-containing wastes from anode manufacture
100819*	* wastes from cooling-water treatment containing oil

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
1101	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, anodizing)
110113*	degreasing wastes containing dangerous substances
110114	degreasing wastes other than those mentioned in 11 01 13
1201	wastes from shaping and physical and mechanical surface treatment of metals and plastics
120106 *	mineral-based machining oils containing halogens (except emulsions and solutions)
120107 *	mineral-based machining oils free of halogens (except emulsions and solutions)
120108*	machining emulsions and solutions containing halogens
120109 *	machining emulsions and solutions free of halogens
120110 *	synthetic machining oils
120112*	spent waxes and fats
120116	machining sludges other than those mentioned in 12 01 14
120119*	*readily biodegradable machining oil
1203	wastes from water and steam degreasing processes (except 11)
120301*	aqueous liquids
120302 *	steam degreasing wastes
1301	waste hydraulic oils
130101*	hydraulic oils, containing PCBs
130104*	chlorinated emulsions
130105*	non-chlorinated emulsions
130109*	mineral-based chlorinated hydraulic oils
130110*	mineral based non-chlorinated hydraulic oils
130111*	synthetic hydraulic oils
130112*	readily biodegradable hydraulic oils
130113*	other hydraulic oils
1302	waste engine, gear and lubricating oils
130204*	mineral-based chlorinated engine, gear and lubricating oils
130205*	mineral-based non-chlorinated engine, gear and lubricating oils
130206 *	synthetic engine, gear and lubricating oils
130207 *	readily biodegradable engine, gear and lubricating oils
130208	other engine, gear and lubricating oils
1303	waste insulating and heat transmission oils
130301	*insulating or heat transmission oils containing PCBs
130306	*mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
130307	*mineral-based non-chlorinated insulating and heat transmission oils
130308	*synthetic insulating and heat transmission oils
130309	*readily biodegradable insulating and heat transmission oils

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limits/allons
Waste code	Description
130310	*other insulating and heat transmission oils
1304	bilge oils
130401	*bilge oils from inland navigation
130402	*bilge oils from jetty sewers
130403	*bilge oils from other navigation
1305	oil/water separator contents
130501	*solids from grit chambers and oil/water separators
130502	*sludges from oil/water separators
130503	*interceptor sludges
130506	*oil from oil/water separators
130507	*oily water from oil/water separators
130508	*mixtures of wastes from grit chambers and oil/water separators
1307	wastes from liquid fuels
130701	*fuel oil and diesel
130702	*petrol
130703	*other fuels (including mixtures)
1308	oil wastes not otherwise specified
130801	*desalter sludges or emulsions
130802	*other emulsions
1406	waste organic solvents, refrigerants and foam/aerosol propellants
140602	*other halogenated solvents and solvent mixtures
140603	*other solvents and solvent mixtures
140604	*sludges or solid wastes containing halogenated solvents
140605	*sludges or solid wastes containing other solvents
1501	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
1502	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 other than those mentioned in 15 02 02
1601	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)
160114	*antifreeze fluids containing dangerous substances
160115	antifreeze fluids other than those mentioned in 16 01 14
160117	ferrous metal
160121	*hazardous components other than those already mentioned in 160107 to 160111 and 160113 and 160114

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
1603	off-specification batches and unused products
160305	*organic wastes containing dangerous substances
160306	organic wastes other than those mentioned in 16 03 05
1605	Gases in pressure containers and discarded chemicals
160507	discarded inorganic chemicals consisting of or containing dangerous substances
160508	*discarded organic chemicals consisting of or containing dangerous substances
160509	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
1607	Wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
160708	*wastes containing oil
160709	*wastes containing other dangerous substances
1608	spent catalyst
160806	*spent liquids used as catalysts
160807	*spent catalysts contaminated with dangerous substances
1610	aqueous liquid wastes destined for off site treatment
161001	*aqueous liquid wastes containing dangerous substances
161002	aqueous liquid wastes other than those mentioned in 16 10 01
161003	*aqueous concentrates containing dangerous substances
161004	aqueous concentrates other than those mentioned in 16 10 03
1703	bituminous mixtures, coal tar and tarred products
170301	*bituminous mixtures containing coal tar
170303	*coal tar and tarred products
18 01	wastes from medical and dental treatment or prevention of disease in humans
18 01 06*	chemicals consisting of or containing dangerous substances
1901	wastes from incineration or pyrolysis of waste
190106*	aqueous liquids wastes from gas treatment and other aqueous liquid waste
190110*	spent activated carbon from flue gas treatment
1902	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
190203	premixed wastes composed only of non-hazardous wastes
190204 *	*premixed wastes composed of at least one hazardous waste
190205	*sludges from physico/chemical treatment containing dangerous substances
190206 *	sludges from physico/chemical treatment other than those mentioned in 19 02 05
190207 *	*oil and concentrates from separation
190208 *	*liquid combustible wastes containing dangerous substances
190210	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
1903	stabilised/solidified wastes
190304 *	*wastes marked as hazardous, partly (*) stabilised
190306 *	*wastes marked as hazardous solidified

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 04	spent activated carbon
1911	Wastes from oil regeneration
191101	*spent filter clays
191102	*acid tars
191103	*aqueous liquid wastes
191104	*wastes from cleaning of fuel with bases
191105	*sludges from on-site effluent treatment containing dangerous substances
191106	sludges from on-site effluent treatment other than those mentioned in 19 11 05
1912	waste from the mechanical treatment of waste (for example sorting, crushing, composting, palletising) not otherwise specified
191211*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
1911	Wastes from oil regeneration
191303*	sludge from soil remediation containing dangerous substances
191305*	sludge from groundwater remediation containing dangerous substances
191107*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
2001	separately collected fractions (except 15 01)
200113	*solvents
200117	*photochemicals
200125	edible oil and fat
200126	*oil and fat other than those mentioned in 20 01 25
200127	*paint, inks, adhesives and resins containing dangerous substances
200128	paint, inks, adhesives and resins other than those mentioned in 200127

Schedule 3 – conditions to be added

None



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Tradebe Solvent Recycling Limited

Knottfingley Processing Plant
Weeland Road
Knottfingley
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WF11 8DZ

Variation application number
EPR/TP3334SF/008

Permit number
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Knottingley Processing Plant Permit number EPR/TP3334SF

Introductory note

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

The following are an Environment Agency initiated variation to change the waste tables to list the waste codes in separate tables, regularise the Accepted Waste List and delete the A7 emission point.

- Condition 2.1.3 has been changed to split the waste types between the Waste Transfer Station building and Compound F. Also add an additional list from Accepted Wastes List to regularise the wastes accepted. This was agreed with the operator;
- Condition 2.2.1 has been altered to remove a redundant emission point.

Also, the following are an Environment Agency initiated variation in response to the changes introduced by The Environmental Permitting (England and Wales) (Amendment) Regulations 2013:

- Condition 1.1 has been updated as a result of the requirements of the IED and the amended regulations.
- Condition 2.10.13 has been added to reflect the additional monitoring requirement on the amended regulations;
- Condition 5.1.4 and 5.1.5 relating to notifications have been added as a result of the requirements of the Industrial Emissions Directive (IED) and the amended regulations;

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Other existing Licences/Authorisations/Registrations relating to this site

Holder	Reference Number	Date of Issue
Solvent Resource Management Limited	Water abstraction licence ref 2/27/18/008	30/05/2003

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

permit number

EPR/TP3334SF

Issued to

Tradebe Solvent Recycling Limited ("the operator")

whose registered office is

Whittle Close

Engineer Park

Sandycroft

Deeside

Flintshire

Wales

CH5 2QE

company registration number 03890526

to operate a regulated facility at

Knottingley Processing Plant

Weeland Road

Knottingley

West Yorkshire

WF11 8DZ

The notice shall take effect from 21/08/2013

Name	Date
Claire Roberts	21/08/13

Authorised on behalf of the Environment Agency

Schedule 1

Only conditions 1.1, 2.1, 2.2, 2.10, 5.1 have been varied by the consolidated permit ERP/TP334SF as a result of an Environment Agency initiated variation.

- Condition 1.1 has been updated as a result of the requirements of the IED and the amended regulations.
- Condition 2.1.3 has been changed to split the waste types between the Waste Transfer Station building and Compound F. Also add an additional list from Accepted Wastes List to regularise the wastes accepted. This was agreed with the operator;
- Condition 2.2.1 has been altered to remove a redundant emission point;
- Condition 2.10.13 has been added to reflect the additional monitoring requirement on the amended regulations;
- Condition 5.1.4 and 5.1.5 relating to notifications have been added as a result of the requirements of the Industrial Emissions Directive (IED) and the amended regulations;

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/TP3334SF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/TP3334SFA/008 authorising.

Tradebe Solvent Recycling Limited ("the operator")

whose registered office is

Whittle Close

Engineer Park

Sandycroft

Deeside

Flintshire

Wales

CH5 2QE

company registration number **03880526**

to operate an installation at

Knottingley Processing Plant

Weeland Road

Knottingley

West Yorkshire

WF11 8DZ

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

Name	Date
Claire Roberts	21/08/13

Authorised on behalf of the Environment Agency

Conditions

1. General

1.1 Permitted activities

1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

Table 1.1.1 Permitted activities		
Activity listed in Schedule 1 of the PPC Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 5.3 A(1)(a)(v): Recovering by distillation of any oil or organic solvent.	Operation of the kettle, reboiler heat exchanger, distillation column and vent condensers, feed and product tanks.	From receipt of material for processing, through the distillation and separation process to the transfer of separated materials to storage or disposal.
Section 1.1A(1)(b)(iii): Burning of any fuel manufactured from, or comprising, any other waste in an appliance with a rated thermal input of 3MW or more but less than 60MW	Production of steam, for use in distillation processes, in one boiler with rated thermal input of 3.6 MW (boiler 3). Incineration of off gases from recovery plant secondary condenser in Boiler 3.	Co-incineration of waste, from the evaluation and receipt of waste fuel, through to storage, on-site pre-treatment facilities, waste systems, fuel systems, air supply systems, boiler, stack devices and systems for controlling incineration operations, recording and monitoring incineration conditions.
Section 5.3 A(1)(b) The disposal of waste oils other than by incineration or landfill in a facility with a capacity of more than 10 tonnes per day.	Formulation of Secondary Liquid Fuel by blending process residues with waste materials.	From receipt of waste materials, process residues and additives, through blending and despatch of product.
Section 4.1 A 1(a)(ii) Production of organic compounds containing oxygen	Preparation of methyl acetate from waste acetic acid and methanol.	From the evaluation, receipt and storage of raw materials, catalysts and waste acetic acid, through to formulation of the methyl acetate, distillation of the methyl acetate, methanol, and water, and recovery of the catalyst, neutralisation of residues. Also the storage of the methyl acetate and sodium acetate prior to their blending into the appropriate activity above. This activity will only take place with the raw materials mentioned in the application. This activity will only take place with the waste materials mentioned in Table 2.1.2a.

Table 1.1.1 Permitted activities

Section 5.6 A1 (a) – Transfer and Storage of Hazardous waste above capacity of 50 tonnes per day	D15 - Storage of wastes prior to treatment or transfer off site. D13 – Bulking up	From the evaluation, receipt and bulking up, storage of waste materials. This activity will only take place within Compound F and the building known as Waste Transfer Building and the maximum stored shall be no more than those mentioned in Table 2.1.2b and 2.1.2c unless otherwise agreed in writing with the Agency. This activity will only take place with the waste materials mentioned in Table 2.1.2b and 2.1.2c. The maximum size of container accepted on the site will be a 1000l or 1 tonne IBC whichever is the greater.
Section 5.4 A1 (a) (ii) – Transfer and Storage of Non Hazardous waste for disposal above 50 tonnes per day	D15 - Storage of wastes prior to treatment or transfer off site. D13 – Bulking up	From the evaluation, receipt and bulking up, storage of waste materials. This activity will only take place within Compound F and the building known as Waste Transfer Building and the maximum stored shall be no more than those mentioned in Table 2.1.2b and 2.1.2c unless otherwise agreed in writing with the Agency. This activity will only take place with the waste materials mentioned in Table 2.1.2b and 2.1.2c. The maximum size of container accepted on the site will be a 1000l or 1 tonne IBC whichever is the greater.

Directly Associated Activities

Directly associated activity.	Production of steam, for use in distillation processes, in two boilers with rated thermal input of 9 MW (boiler 4) and 6.6 MW (boiler 5).	From the evaluation and receipt of wastes, through to storage, on-site pre-treatment facilities for production of PGD, fuel systems, air supply systems, boiler, stack devices and systems for controlling combustion operations.
Directly associated activity.	Handling and storage of raw materials	From raw material unloading of bulk road tankers or drums/IBC's to transfer to tank farm, and from transfer from tank farm to distillation unit (kettle) feed tank. Handling and storage of entrainers or additives used to control pH, anti-oxidants, stabilisers etc in distillation unit.
Directly associated activity.	Handling and storage of recovered (product) solvents.	From transfer from distillation unit to tank farm, through subsequent blending to loading of bulk road tankers, IBC's or drums from tank farm or distillation unit.
Directly associated activity.	Handling and storage of wastes for disposal	From the production of waste materials through to storage of wastes, including contaminated materials and solidified distillation residues.
Directly associated activity.	Provision of heat to a thermal transfer system, in two gas fired boilers of	Closed loop utility system used as a heat transfer medium in the distillation

Table 1.1.1 Permitted activities

	rated thermal input of 0.76MW and 1.75MW.	processes.
Directly associated activity.	Treatment of site surface water and process water in an aerobic effluent treatment plant before discharge to sewer.	From the collection of process effluent and site surface water in the installation drainage network, through treatment of effluent to despatch of treated effluent to sewer
Waste Activity		
Waste Activity	D15- Storage prior to disposal or transfer off site of Non Hazardous Waste. R13 - Storage prior to recovery or transfer off site of Hazardous and Non Hazardous Waste.	From the evaluation, receipt, bulking up of same wastes, and storage of waste materials. This activity will only take place within Compound F and the building known as Waste Transfer Building and the maximum stored shall be no more than those mentioned in Table 2.1.2b and 2.1.2c unless otherwise agreed in writing with the Agency. This activity will only take place with the waste materials mentioned in Table 2.1.2b and 2.1.2c. The maximum size of container accepted on the site will be a 1000l or 1 tonne IBC whichever is the greater.

1.2 Site

- 1.2.1 The activities authorised under condition 1.1.1 for Installation 1 shall not extend beyond the Site, being the land shown edged in red, excluding the land edged in blue on the Site Plan at Schedule 5 to this Permit. The activities authorised under condition 1.1.1 for Installation 2 shall not extend beyond the Site, being the land shown edged in blue on the Site Plan at Schedule 6 to this Permit.

1.3 Overarching management condition

- 1.3.1 Without prejudice to the other conditions of this Permit, the Operator shall implement and maintain a management system, organisational structure and allocate resources that are sufficient to achieve compliance with the limits and conditions of this Permit.

1.4 Improvement programme

- 1.4.1 The Operator shall complete the improvements specified in Table 1.4.1 by the date specified in that table, and shall send written notification of the date of completion of each requirement to the Agency within 14 days of the completion of each such requirement.

Table 1.4.1: Improvement programme

Reference	Requirement	Date
IC1	The Operator shall undertake a period of monitoring of emissions of oxides of nitrogen from the boiler units, and based on the monitoring data undertake an environmental impact assessment for the emissions of oxides of nitrogen, paying particular attention to boiler 3. On completion of the assessment, the Operator shall submit a summary report in writing to the Agency, including a timetable for implementation of any improvements identified.	Completed
IC2	The Operator shall undertake a review of the unabated releases to air from the installations in particular the above ground storage tank breathing vents, the fugitive emissions from the moveable container / drum discharging area of the recovery plant and the empty container / drum crusher operations at the installation. On completion of the review the Operator shall submit a summary report of the review to the Environment Agency identifying options for improvement, including a timetable for their implementation.	Completed
IC3	The Operator shall assess the secondary containment measures for potentially polluting substances that are stored on the site. Particular attention shall be paid to the siting of all storage containers (including tankage, drums and containers) on impermeable base and the provision of adequate bunds, with reference to the Environment Agency's Pollution Prevention Guidance note 11 (PPG 11). On completion of the assessment, the Operator shall submit a summary report in writing to the Agency, including a timetable for implementation of any improvements identified.	Completed
IC4	The Operator shall calibrate and verify the performance of Continuous Emission Monitors for release points and parameters as specified in Table 2.2.2 to BS EN 14181 and submit a summary report to the Environment Agency as evidence of compliance with the requirements of BS EN 14181.	Completed
IC5	The Operator shall submit a methodology to form the basis of calculation of releases to atmosphere from atmospheric storage tanks and process vents.	Completed
IC6	The Operator shall undertake an options assessment of methods for monitoring emissions to air from boiler 3, with the view to eliminating or reducing any uncertainty factor in the emission limit values resulting from the addition of dilution air, prior to the monitoring of flue gas. On completion of the assessment, the Operator shall submit a summary report in writing to the Agency, along with a timetable for implementing any improvements identified.	Completed
IC7	The Operator shall submit to the Agency a revised H1 using the most up to date data available.	Completed

1.4.2 Where the Operator fails to comply with any requirement by the date specified in Table 1.4.1 the Operator shall send written notification of such failure to the Agency within 14 days of such date.

1.5 Minor operational changes

1.5.1 The Operator shall seek the Agency's written agreement to any minor operational changes under condition 2.1.1 of this Permit by sending to the Agency written notice of the details of the proposed change including an assessment of its possible effects (including waste production) on risks to the environment from the Permitted Installation; any relevant supporting assessments and drawings; and the proposed implementation date.

- 1.5.2 Any such change shall not be implemented until agreed in writing by the Agency. As from the agreed implementation date, the Operator shall operate the Permitted Installation in accordance with that change, and relevant provisions in the Application shall be deemed to be amended.
- 1.5.3 When the qualification "unless otherwise agreed in writing" is used elsewhere in this Permit, the Operator shall seek such agreement by sending to the Agency written notice of the details of the proposed method(s) or techniques.
- 1.5.4 Any such method(s) or techniques shall not be implemented until agreed in writing by the Agency. As from the agreed implementation date, the Operator shall operate the Permitted Installation using that method or technique, and relevant provisions in the Application and the Site Protection and Monitoring Programme, as the case may be shall be deemed to be amended.

1.6 Pre-operational conditions

1.6.1 The operations specified in schedule 1 table S1.6 shall not commence until the measures specified in that table have been completed.

Table S1.6 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
1		The operator shall ensure that an area is provided for the storage of drums or containers that contain waste and that this area is bunded in accordance with Fugitive emissions to surface water, groundwater and air as found in the current guidance. A report detailing and showing the location of these areas shall be sent to the Agency at the reporting address for the Agency written agreement.
2	Storage of waste in Compound F, Waste Transfer Building and Production of Methyl Acetate	The Operator shall submit a report demonstrating that all the necessary procedures are in place for the activity of storage of the waste and the production of the methyl acetate detailed in Table 1.1.1 and that staff have received the necessary training as described in the application. This should include an inspection and maintenance programme for the hardstanding, bunds, storage vessels, sub surface pipework, plant and equipment whose failure could cause pollution to the ground and groundwater. The report should be sent to the Agency at the reporting address.
3	Construction of Transfer Station within Waste Transfer Building	<p>No construction of site infrastructure shall commence until the Operator has submitted construction proposals and the Environment Agency has confirmed that it is satisfied with the construction proposals. The construction shall take place only in accordance with the approved construction proposals unless:</p> <ul style="list-style-type: none"> a. any change to the approved construction proposals would have no impact on the performance of any element of the design; or b. a change has otherwise been agreed in writing by the Environment Agency. <p>The construction proposal shall include:</p> <ul style="list-style-type: none"> a. the specification of any materials used in the proposals b. sufficient information to demonstrate the proposals are in accordance with the relevant Environment Agency and CIRIA guidance documents. c. Details of third party supervision of the construction process including the qualification of the supervising person. d. the expected EWC codes and tonnages to be received at the site during the different stages of commissioning; and <p>The Operator shall report to the Agency in the event that actual emissions exceed expected emissions.</p>

Table S1.6 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
4		<p>The Operator shall submit a Construction Quality Assurance Validation Report to the Environment Agency as soon as practicable following the construction of site infrastructure. The report shall summarise the environmental performance of the plant as installed against the design parameters set out in the Application.</p> <p>The report shall include a comprehensive record of the construction and must include, where relevant:</p> <ul style="list-style-type: none"> • The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing; • Plans showing the location of all tests; • "As-built" plans and sections of the works; • Copies of the third party supervising the site engineer's daily records; • Records of any problems or non-compliance and the solution applied; • Any other site specific information considered relevant to proving the integrity of the construction. • Validation by a qualified person that all of the construction has been carried out in accordance with the construction proposals. • A review of the performance of the facility against the conditions of this permit and details of procedures developed during commissioning for achieving and demonstrating compliance with permit conditions.
5	Prior to waste being accepted in Waste Transfer Building and new wastes into Compound F	<p>The Operator shall review all risk assessments and management systems for wastes being accepted into Waste Transfer Building and Compound F. This review shall ensure that appropriate measures are taken when accepting, handling and storing the wastes to ensure that all emissions are prevented and in line with Agency guidance SGN 5.06, and Guidance for the storage and treatment of aerosol canisters and similar packaged wastes (An addendum to Sector Guidance Note IPPC S5.06).</p> <p>The Operator shall write to the Agency to confirm that this review has been undertaken prior to the acceptance of waste in to Waste Transfer Building or new waste in Compound F.</p>

1.7 Off-site conditions

1.7.1 There are no off-site conditions

2 Operating conditions

2.1 In-process Controls

- 2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency in accordance with conditions 1.5.1 and 1.5.2 of this Permit.

Table 2.1.1: Operating techniques		
Description	Parts	Date received
Application	The response to questions B2.1 and B2.2 of the Application Template, as given in pages 21 to 60 of the Application.	29/03/05
Additional Information (Schedule 4 Notice response)	Responses to question C2.1 and C2.10 of the Application submitted as part of the Schedule 4 Notice response (from the first time on or after the 28 th December 2005 where waste is burned in the appliance)	14/09/05
Additional Information	Acceptable Waste Categories Schedule for recovery	01/12/05
Additional Information	Specification of all fuels and wastes	14/12/05
Additional Information	Product Grade Distillate fuel specification	31/01/07
Application to vary	Response to questions 2 and 3 of form C3	03/11/10
Response to Schedule 5 Notice	Odour Management Plan	13/01/11
Application to vary	Response to all questions in form C2 questions 2 and 3 of form C3, and all question of C4.	12/01/12
Email confirming Waste Codes and maximum container size	All	05/09/12

- 2.1.2 The Permitted Installation shall, subject to the other conditions of this Permit, be operated using the techniques and in the manner described in the Site Protection and Monitoring Programme submitted under condition 4.1.8 of this Permit (as amended from time to time under condition 4.1.8), or as otherwise agreed in writing by the Agency.
- 2.1.3 Only the wastes specified in Table 2.1.2d shall be incinerated in the Permitted Installation, subject to limitations, in quantities not exceeding those specified for the waste types specified in Table 2.1.2.

Table 2.1.2: Permitted Waste Types		
Waste type	Limitations	Maximum throughput at specified location
Aqueous effluent – WT2	Aqueous waste contaminated with solvents, and waste solvents.	Boiler 3 – 4,500 tonnes/year
Off Gas – WT3	Off gas incinerated shall be from process and tank vents	Boiler 3 – no limitation on throughput

Table 2.1.2a: Permitted Waste Types for the production of Methyl Acetate	
Waste type	Limitations
	H3A and H3B, H4 and H8
07 01 08*	other still bottoms and reaction residues

Table 2.1.2b: Permitted Waste Types for the Transfer and Storage in the Waste Transfer Building	
Waste type	Limitations
Maximum quantity	20,000 tonnes per year of hazardous wastes with waste hazard properties H2, H4 to H8, H10, H11, and H13 to H15. Non hazardous wastes no more than 26,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals.
01 06	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
070110*	*other filter cakes, spent absorbents
0702	wastes from the MFSU of plastics, synthetic rubber and manmade fibres
070210*	*other filter cakes, spent absorbents
0703	Wastes from the MFSU of organic dyes and pigments (except 0611)
070310*	*other filter cakes, spent absorbents
0704	Wastes from the MFSU of organic plant protection products (except 020108 and 020109), wood preserving agents (except 9302) and other biocides
070410*	*other filter cakes, spent absorbents
0705	Wastes from the MFSU of pharmaceuticals
070510	*other filter cakes, spent absorbents
0706	Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
070610*	other filter cakes, spent absorbents
0707	Wastes from the MFSU of fine chemicals and chemical products not otherwise specified
070710*	*other filter cakes, spent absorbents
10 03	wastes from aluminium thermal metallurgy
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy

Table 2.1.2b: Permitted Waste Types for the Transfer and Storage in the Waste Transfer Building

Waste type	Limitations
Maximum quantity	20,000 tonnes per year of hazardous wastes with waste hazard properties H2, H4 to H8, H10, H11, and H13 to H15. Non hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
10 04 09 ^a	wastes from cooling-water treatment containing oil
1008	wastes from copper thermal metallurgy
100809 ^a	^a wastes from cooling-water treatment containing oil
1101	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)
110198	^a other wastes containing dangerous substances
1102	wastes from non-ferrous hydrometallurgical processes
110207	^a other wastes containing dangerous substances
1501	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
1502	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
1601	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, 18 08 and 16 08)
160107 ^a	^a oil filters
1901	wastes from incineration or pyrolysis of waste
19 01 06 ^a	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
1902	wastes from physico/chemical treatments of waste (including dichromation, decyanidation, neutralisation)
190211 ^a	^a other wastes containing dangerous substances
1908	wastes from waste water treatment plants not otherwise specified
190801	Screenings
190802	waste from desanding
190805	sludges from treatment of urban waste water
190806	^a saturated or spent ion exchange resins
190807	^a solutions and sludges from regeneration of ion exchangers
190808	membrane system waste containing heavy metals
190809	^a grease and oil mixture from oil/water separation containing edible oil and fats
190810	^a grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
190813	^a sludges containing dangerous substances from other treatment of industrial waste water

Table 2.1.2b: Permitted Waste Types for the Transfer and Storage in the Waste Transfer Building

Waste type	Limitations
Maximum quantity	20,000 tonnes per year of hazardous wastes with waste hazard properties H2, H4 to H8, H10, H11, and H13 to H15. Non hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 04	spent activated carbon

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
0103	wastes from physical and chemical processing of metalliferous minerals
010309	red mud from alumina production other than the wastes mentioned in 01 03 07
02	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
0201	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
020101	sludges from washing and cleaning
020108	*agrochemical waste containing dangerous substances
020109	agrochemical waste other than those mentioned in 02 01 08
0203	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.
020303	wastes from solvent extraction
020304	materials unsuitable for consumption or processing
0206	wastes from the baking and confectionery industry
020601	materials unsuitable for consumption or processing
020602	wastes from preserving agents
0207	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
020702	wastes from spirits distillation
020704	materials unsuitable for consumption or processing

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
03 Wastes from wood preservation, pulp, paper and cardboard production	
0302	wastes from wood preservation
030201	*non-halogenated organic wood preservatives
030202	*organochlorinated wood preservatives
030203	*organometallic wood preservatives
030204	*inorganic wood preservatives
030205	*Other wood containing preservatives containing dangerous substances
0303	wastes from pulp, paper, and cardboard production and processing
030305	de-inking sludges from paper recycling
030309	lime mud waste
030311	sludges from on-site effluent treatment other than those mentioned in 03 03 10
04 Wastes from leather and fur processing	
0401	Wastes from the leather and fur industry
040102	lime mud waste
040103	*degreasing wastes containing solvents without a liquid phase
040104	tanning liquor containing chromium
040105	tanning liquor free of chromium
0402	wastes from the textile industry
040209	Wastes from composite materials (impregnated textile elastomer/plastomer)
040210	organic matter from natural processes (eg grease, wax)
040214	*wastes from finishing containing organic solvents
040215	wastes from finishing other than those mentioned in 04 02 14
040218	*dye stuff and pigments containing dangerous substances
040217	dye stuffs and pigments other than those mentioned in 040218*
040219	sludges from on-site effluent treatment containing dangerous substances
040220	sludges from on-site effluent treatment other than those mentioned in 04 02 19
040221	wastes from the unprocessed textile fibres
040222	wastes from processed textile fibres
05 Wastes from petroleum refining	
0501	wastes from petroleum refining
050102	desalter sludges
050103	*tank bottom sludges
050104	*acid alkyl sludges
050105	*oil spills

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
050106	*oily sludges from maintenance operations of the plant or equipment
050107	*acid tars
050108	*other tars
050109	sludges from on-site effluent treatment containing dangerous substances
050110	Sludges from on site treatment other than those mentioned in 05 01 09
050111	wastes from cleaning of fuels with bases
050112	*oil containing acids
050113	boiler feedwater sludges
050114	wastes from cooling columns
050115	spent filter clays
050116	sulphur-containing wastes from petroleum desulphurisation
050117	bitumen
0506	Wastes from the pyrolytic treatment of coal
050601	*acid tars
050603	*other tars
050604	wastes from cooling columns
0507	wastes from natural gas purification and transportation
050701	wastes containing mercury
050702	wastes containing sulphur
0601	wastes from the manufacture, formulation, supply and use (MFSU) of acids
060101	sulphuric acid and sulphurous acid
060102	hydrochloric acid
060103	hydrofluoric acid
060104	phosphoric and phosphorous acid
060105	nitric acid and nitrous acid
060106	other acids
0602	wastes from the MFSU of bases
060201	calcium hydroxide
060203	ammonium hydroxide
060204	sodium and potassium hydroxide
060205	other bases
0603	wastes from the MFSU of salts and their solutions and metallic oxides
060311	solid salts and solutions containing cyanides
060313	solid salts and solutions containing heavy metals

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H9, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
060314	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
060315	metallic oxides containing heavy metals
060316	metallic oxides other than those mentioned in 06 03 15
0604	metal-containing wastes other than those mentioned in 06 03
060403	wastes containing arsenic
060404	wastes containing mercury
060405	wastes containing other heavy metals
0605	sludges from on-site effluent treatment
060502	sludges from on-site effluent treatment containing dangerous substances
060503	sludges from on-site effluent treatment other than those mentioned in 06 05 02
0607	Wastes from the MFSU of halogens and halogen chemical processes
060702	*activated carbon from chlorine production
060703	barium sulphate sludge containing mercury
060704	solutions and acids, for example contact acid
0608	wastes from the MFSU of silicon and silicon derivatives
060802	*wastes containing dangerous silicones
0609	wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes
060902	phosphorus slag
060903	calcium-based reaction wastes containing or contaminated with dangerous substances
060904	calcium-based reaction wastes other than those mentioned in 06 09 03
0610	wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertilizer manufacture
061002	wastes containing dangerous substances
0611	wastes from the manufacture of inorganic pigments and opacifiers
061101	calcium-based reaction wastes from titanium dioxide production
0613	Wastes from inorganic chemical processes not otherwise specified
061301	Inorganic plant protection products, wood-preserving agents and other biocides.
061302	*spent activated carbon (except 060702)
061303	carbon black
0701	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
070101	*aqueous washing liquids and other mother liquors
070103	*organic halogenated solvents, washing liquids and mother liquors
070104	*other organic solvents, washing liquids and mother liquors
070107	*halogenated still bottoms and reaction residues

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
070108	*other still bottoms and reaction residues
070109	*halogenated filter cakes and spent absorbents
070111	*sludges from on-site effluent treatment containing dangerous substances
070112	sludges from on-site effluent treatment other than those mentioned in 07 01 11
0702	wastes from the MSFU of plastics, synthetic rubber and manmade fibres
070201	*aqueous washing liquids and mother liquors
070203	*organic halogenated solvents, washing liquids and mother liquors
070204	*other organic solvents, washing liquids and mother liquors
070207	*halogenated still bottoms and reaction residues
070208	*other still bottoms and reaction residues
070209	*halogenated filter cakes and spent absorbents
070211	*sludges from on-site effluent treatment containing dangerous substances
070212	sludges from on-site effluent treatment other than those mentioned in 07 02 11
070214	wastes from additives containing dangerous substances
070215	wastes from additives other than those mentioned in 07 02 04
070216	Wastes containing silicones
070217	wastes containing silicones other than those mentioned in 07 02 16
0703	Wastes from the MSFU of organic dyes and pigments (except 0611)
070301	*aqueous washing liquids and mother liquors
070303	*organic halogenated solvents, washing liquids and mother liquors
070304	*other organic solvents, washing liquids and mother liquors
070307	*halogenated still bottoms and reaction residues
070308	*other still bottoms and reaction residues
070309	*halogenated filter cakes and spent absorbents
070311	*sludges from on-site effluent treatment containing dangerous substances
070312	sludges from on-site effluent treatment other than those mentioned in 07 03 11
0704	Wastes from the MSFU of organic plant protection products (except 020108 and 020109), wood preserving agents (except 0302) and other biocides
070401	*aqueous washing liquids and mother liquors
070403	*organic halogenated solvents, washing liquids and mother liquors
070404	*other organic solvents, washing liquids and mother liquors
070407	*halogenated still bottoms and reaction residues
070408	*other still bottoms and reaction residues
070409	*halogenated filter cakes and spent absorbents
070411	*sludges from on-site effluent treatment containing dangerous substances
070412	sludges from on-site effluent treatment other than those mentioned in 07 03 11

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
070413	*solid wastes containing dangerous substances
0705	Wastes from the MFSU of pharmaceuticals
070501	*aqueous washing liquids and mother liquors
070503	*organic halogenated solvents, washing liquids and mother liquors
070504	*other organic solvents, washing liquids and mother liquors
070507	*halogenated still bottoms and reaction residues
070508	*other still bottoms and reaction residues
070509	*halogenated filter cakes and spent absorbents
070511	*sludges from on-site effluent treatment containing dangerous substances
070512	sludges from on-site effluent treatment other than those mentioned in 07 05 11
070513	*solid wastes containing dangerous substances
070514	solid wastes other than those mentioned in 07 05 13
0706	Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
070601	*aqueous washing liquids and mother liquors
070603	*organic halogenated solvents, washing liquids and mother liquors
070604	*other organic solvents, washing liquids and mother liquors
070607	*halogenated still bottoms and reaction residues
070608	*other still bottoms and reaction residues
070609*	halogenated filter cakes and spent absorbents
070611	*sludges from on-site effluent treatment containing dangerous substances
070612	sludges from on-site effluent treatment other than those mentioned in 07 06 11
0707	Wastes from the MFSU of fine chemicals and chemical products not otherwise specified
070701	*aqueous washing liquids and mother liquors
070703	*organic halogenated solvents, washing liquids and mother liquors
070704	*other organic solvents, washing liquids and mother liquors
070707	*halogenated still bottoms and reaction residues
070708	*other still bottoms and reaction residues
070709	*halogenated filter cakes and spent absorbents
070711	*sludges from on-site effluent treatment containing dangerous substances
070712	sludges from on-site effluent treatment other than those mentioned in 07 07 11
0801	Wastes from the MFSU and removal of paint and varnish
080111	*waste paint and varnish containing organic solvents or other dangerous substances
080112	waste paint and varnish other than those mentioned in 08 01 11

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
080113	*sludges from paint or varnish containing organic solvents or other dangerous substances
080114	sludges from paint or varnish other than those mentioned in 080113
080115	*aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
080116	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
080117	*wastes from paint or varnish removal containing organic solvents or other dangerous substances
080118	wastes from paint or varnish removal other than those mentioned in 08 01 17
080119	*aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
080120	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
080121	*waste paint or varnish remover
0802	wastes from M&FU of other coatings (including ceramic materials)
080201	waste coating powders
080202	aqueous sludges containing ceramic materials
080203	aqueous suspensions containing ceramic materials
0803	Waste from MFSU of printing inks
080307	aqueous sludges containing ink
080308	*aqueous liquid waste containing ink
080312	waste ink containing dangerous substances
080313	*waste ink other than those mentioned in 08 03 12
080314	ink sludges containing dangerous substances
080315	*ink sludges other than those mentioned in 08 03 14
080316	waste etching solutions
080317	waste printing loner containing dangerous substances
080318	waste printing loner other than those mentioned in 08 03 17
080319	disperse oil
0804	Wastes from MFSU of adhesives and sealants (including waterproofing products)
080409	*waste adhesives and sealants containing organic solvents or other dangerous substances
080410	waste adhesives and sealants other than those mentioned in 08 04 09
080411	*adhesive and sealant sludges containing organic solvents or other dangerous substances
080412	adhesive and sealant sludges other than those mentioned in 08 04 11
080413	*aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
080414	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
080415	*aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
080417	*rosin oil

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H16. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
0901: Wastes from the photographic industry	
090101	water-based developer and activator solutions
090102	water-based offset plate developer solutions
090103	*solvent-based developer solutions
090104	fixer solutions
090105	bleach solutions and bleach fixer solutions
090106	wastes containing silver from on-site treatment of photographic wastes
090107	photographic film and paper containing silver or silver compounds
090108	photographic film and paper free of silver or silver compounds
090110	single-use cameras without batteries
090111	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
090112	single-use cameras containing batteries other than those mentioned in 09 01 11
090113	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
1001: Wastes from power stations and other combustion plants (except 19)	
100109	sulphuric acid
100120	sludges from on-site effluent treatment containing dangerous substances
100121	sludges from on-site effluent treatment other than those mentioned in 10 01 20
100122	aqueous sludges from boiler cleansing containing dangerous substances
100123	aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
100126	wastes from cooling-water treatment
1002: Wastes from the iron and steel industry	
100207	solid wastes from gas treatment containing dangerous substances
100208	solid wastes from the gas treatment other than those mentioned in 10 02 07
100210	mill scales
100211	*wastes from cooling-water treatment containing oil
100212	wastes from cooling-water treatment other than those mentioned in 10 02 11
100213	sludges and filter cakes from gas treatment containing dangerous substances
100214	filter cakes from gas treatment other than those mentioned in 10 02 13
100215	other filter cakes
1003: Wastes from aluminium thermal metallurgy	
10 03 17*	tar-containing wastes from anode manufacture
1005	wastes from zinc thermal metallurgy

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
100505	solid wastes from gas treatment
100506	sludges and filter cakes from gas treatment
100508	*wastes from cooling-water treatment containing oil
100509	wastes from cooling-water treatment other than those mentioned in 10 05 08
1006	wastes from copper thermal metallurgy
100601	slags from primary and secondary production
100602	dross and skimmings from primary and secondary production
100606	solid wastes from gas treatment
100607	sludges and filter cakes from gas treatment
100609	* wastes from cooling-water treatment containing oil
100610	wastes from cooling-water treatment other than those mentioned in 10 06 09
1007	wastes from silver, gold and platinum thermal metallurgy
100701	slags from primary and secondary production
100702	dross and skimmings from primary and secondary production
100703	solid wastes from gas treatment
100704	other particulates and dust
100705	filter cakes from gas treatment
100707	* wastes from cooling-water treatment containing oil
100708	wastes from cooling-water treatment other than those mentioned in 10 07 07
1008	wastes from other non-ferrous thermal metallurgy
100808	salt slag from primary and secondary production
100812	* tar-containing wastes from anode manufacture
100813	carbon-containing wastes from the anode manufacture other than those mentioned in 10 08 12
100814	anode scrap
100817	sludges and filter cakes from flue-gas treatment containing dangerous substances
100818	filter cake from flue-gas treatment other than those mentioned in 10 08 17
100819	* wastes from cooling-water treatment containing oil
100820	wastes from cooling-water treatment other than those mentioned in 10 08 19
1011	wastes from manufacture of glass and glass products
101103	waste glass-based fibrous materials
101105	particulates and dust
101109	waste preparation mixture before thermal processing, containing dangerous substances
101110	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
101111	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H16. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
101112	waste glass other than those mentioned in 10 11 11
101113	glass-polishing and -grinding sludge containing dangerous substances
101114	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
101115	solid wastes from flue-gas treatment containing dangerous substances
101116	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
101117	sludges and filter cakes from flue-gas treatment containing dangerous substances
101118	filter cakes from flue-gas treatment other than those mentioned in 10 11 17
101119	solid wastes from on-site effluent treatment containing dangerous substances
101120	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
1012	wastes from manufacture of ceramic goods, bricks, tiles and construction products
101201	waste preparation mixture before thermal processing
101205	filter cakes from gas treatment
101206	discarded moulds
101209	solid wastes from gas treatment containing dangerous substances
101210	solid wastes from gas treatment other than those mentioned in 10 12 09
101211	wastes from glazing containing heavy metals
101212	wastes from glazing other than those mentioned in 10 12 11
101213	sludge from on-site effluent treatment
1013	wastes from manufacture of cement, lime and plaster and articles and products made from them
101301	waste preparation mixture before thermal processing
101304	wastes from calcination and hydration of lime
101307	filter cakes from gas treatment
101311	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
101312	solid wastes from gas treatment containing dangerous substances
101313	solid wastes from gas treatment other than those mentioned in 10 13 12
1101	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)
110105	pickling acids
110106	acids not otherwise specified
110107	pickling bases
110108	phosphating sludges
110109	sludges and filter cakes containing dangerous substances

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
110110	filter cakes other than those mentioned in 11 01 09
110111	*aqueous rinsing liquids containing dangerous substances
110112	aqueous rinsing liquids other than those mentioned in 11 01 11
110113	* degreasing wastes containing dangerous substances
110114	degreasing wastes other than those mentioned in 11 01 13
110116	eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
110116	saturated or spent ion exchange resins
1102	wastes from non-ferrous hydrometallurgical processes
110205	wastes from copper hydrometallurgical processes containing dangerous substances
110208	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
1103	sludges and solids from tempering processes
110301	wastes containing cyanide
1201	wastes from anodizing and physical and mechanical surface treatment of metals and plastics
120105	plastics shavings and turnings
120106	*mineral-based machining oils containing halogens (except emulsions and solutions)
120107	*mineral-based machining oils free of halogens (except emulsions and solutions)
120108	*machining emulsions and solutions containing halogens
120109	*machining emulsions and solutions free of halogens
120110	*synthetic machining oils
120112	*spent waxes and fats
120113	welding wastes
120114	*machining sludges containing dangerous substances
120115	machining sludges other than those mentioned in 12 01 14
120118	metal sludge (grinding, honing and lapping sludge) containing oil
120119	*readily biodegradable machining oil
120120	spent grinding bodies and grinding materials containing dangerous substances
120121	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
1203	wastes from water and steam degreasing processes (except 11)
120302	*steam degreasing wastes
1301	waste hydraulic oils
130101	* hydraulic oils, containing PCBs

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H6, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
130104	* chlorinated emulsions
130105	* non-chlorinated emulsions
130109	* mineral-based chlorinated hydraulic oils
130110	* mineral based non-chlorinated hydraulic oils
130111	* synthetic hydraulic oils
130112	* readily biodegradable hydraulic oils
130113	* other hydraulic oils
1302	waste engine, gear and lubricating oils
130204	*mineral-based chlorinated engine, gear and lubricating oils
130205	*mineral-based non-chlorinated engine, gear and lubricating oils
130206	*synthetic engine, gear and lubricating oils
130207	*readily biodegradable engine, gear and lubricating oils
130208	*other engine, gear and lubricating oils
1303	waste insulating and heat transmission oils
130301	*insulating or heat transmission oils containing PCBs
130306	*mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
130307	*mineral-based non-chlorinated insulating and heat transmission oils
130308	*synthetic insulating and heat transmission oils
130309	*readily biodegradable insulating and heat transmission oils
130310	*other insulating and heat transmission oils
1304	bilge oils
130401	*bilge oils from inland navigation
130402	*bilge oils from jetty sewers
130403	*bilge oils from other navigation
1305	oil/water separator contents
130501	*solids from grit chambers and oil/water separators
130502	*sludges from oil/water separators
130503	*interceptor sludges
130506	*oil from oil/water separators
130507	*oily water from oil/water separators
130508	*mixtures of wastes from grit chambers and oil/water separators
1307	wastes from liquid fuels
130701	*fuel oil and diesel
130702	*petrol
130703	*other fuels (including mixtures)

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
070703*	*other still bottoms and reaction residues
070709*	*halogenated filler cakes and spent absorbents
0801	Wastes from the MF8U and removal of paint and varnish
080111*	*waste paint and varnish containing organic solvents or other dangerous substances
080112	waste paint and varnish other than those mentioned in 08 01 11
080113*	*sludges from paint or varnish containing organic solvents or other dangerous substances
080114	sludges from paint or varnish other than those mentioned in 080113
080115 *	*aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
080116	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
080117 *	*wastes from paint or varnish removal containing organic solvents or other dangerous substances
080118	wastes from paint or varnish removal other than those mentioned in 08 01 17
080119 *	*aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
080120	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
080121 *	*waste paint or varnish remover
0803	Waste from MF8U of printing inks
080307	aqueous sludges containing ink
080308	aqueous liquid waste containing ink
080312*	waste ink containing dangerous substances
080313	waste ink other than those mentioned in 08 03 12
080314 *	*ink sludges containing dangerous substances
080315	ink sludges other than those mentioned in 08 03 14
080316*	waste etching solutions
080317 *	*waste printing toner containing dangerous substances
080318	waste printing toner other than those mentioned in 08 03 17
080319 *	*disperse oil
0804	Wastes from MF8U of adhesives and sealants (including waterproofing products)
080408*	waste adhesives and sealants containing organic solvents or other dangerous substances
080410	waste adhesives and sealants other than those mentioned in 08 04 09
080411*	adhesive and sealant sludges containing organic solvents or other dangerous substances
080412	adhesive and sealant sludges other than those mentioned in 08 04 11
080413*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
080414	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
080415*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
080416	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
080417*	resin oil
0901	Wastes from the photographic industry

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
1308	oil wastes not otherwise specified
130801	*desalter sludges or emulsions
130802	*other emulsions
14 Waste organic solvents, refrigerants and foam/aerosol propellants	
1406	waste organic solvents, refrigerants and foam/aerosol propellants
140601	*chlorofluorocarbons, HCFC, HFC
140602	*other halogenated solvents and solvent mixtures
140603	*other solvents and solvent mixtures
140604	*sludges or solid wastes containing halogenated solvents
140605	*sludges or solid wastes containing other solvents
15 Wastes from vehicles, including end-of-life vehicles, and other mobile machinery	
1501	packaging (including separately collected municipal packaging waste)
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
1502	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
16 Wastes from end-of-life vehicles and other mobile machinery	
1601	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 09 and 16 08)
160113	*brake fluids
160114	*antifreeze fluids containing dangerous substances
160115	antifreeze fluids other than those mentioned in 16 01 14
160116	tanks for liquefied gas
160117	ferrous metal
160118	non-ferrous metal
160119	plastic
160120	glass
160121	*hazardous components other than those already mentioned in 160107 to 160111 and 160113 and 160114
1602	wastes from electrical and electronic equipment WEEE?
160213	discarded equipment containing hazardous components ² other than those mentioned in 16 02 09 to 16 02 12
160214	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
160215	hazardous components removed from discarded equipment
160216	components removed from discarded equipment other than those mentioned in 16 02 15

Comment [a1]: A comment a2

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
1603	off-specification batches and unused products
160303	*inorganic wastes containing dangerous substances
160304	Inorganic wastes other than those mentioned in 16 03 03
160305	*organic wastes containing dangerous substances
160306	organic wastes other than those mentioned in 16 03 05
1604	Gases in pressure containers and discarded chemicals
160504	gases in pressure containers (including halons) containing dangerous substances
160505	gases in pressure containers other than those mentioned in 16 05 04
160506	laboratory chemicals consisting of or containing dangerous substances, including mixtures of laboratory chemicals.
160507	discarded inorganic chemicals consisting of or containing dangerous substances
160508	*discarded organic chemicals consisting of or containing dangerous substances
160509	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
1608	batteries and accumulators
160801	lead batteries
160802	Ni-Cd batteries
160803	mercury-containing batteries
160804	alkaline batteries (except 16 08 03)
160805	other batteries and accumulators
160806	separately collected electrolyte from batteries and accumulators
1607	Wastes from transport tank, storage tank and barrel cleaning (except 06 and 13)
160708	*wastes containing oil
160709	*wastes containing other dangerous substances
1608	spent catalyst
160801	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
160802	spent catalysts containing dangerous transition metals ³ or dangerous transition metal compounds
160803	spent catalyst containing transition metals or transition metal compounds not otherwise specified
160804	spent fluid catalyst cracking catalysts
160805	spent catalysts containing phosphoric acid
160806	*spent liquids used as catalysts
160807	*spent catalysts contaminated with dangerous substances
1609	oxidising substances
160901	permanganates, for example potassium permanganate
160902	chromates, for example potassium chromate, potassium or sodium dichromate

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F

Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
160903	peroxides, for example hydrogen peroxide
160904	oxidising substances, not otherwise specified
1610	aqueous liquid wastes destined for off site treatment
161001	*aqueous liquid wastes containing dangerous substances
161002	aqueous liquid wastes other than those mentioned in 16 10 01
161003	*aqueous concentrates containing dangerous substances
161004	aqueous concentrates other than those mentioned in 16 10 03
1703	bituminous mixtures, coal tar and tarred products
170301	*bituminous mixtures containing coal tar
170302	bituminous mixtures other than those mentioned in 17 03 01
170303	*coal tar and tarred products
170801	gypsum-based construction materials contaminated with dangerous substances
170802	gypsum-based construction materials other than those mentioned in 17 08 01
1801	wastes from natat care, diagnosis, treatment or prevention of disease in humans
180106	chemicals consisting of or containing dangerous substances
180107	chemicals other than those mentioned in 18 01 06
180110	amalgam waste from dental care
1802	wastes from research, diagnosis, treatment or prevention of disease involving animals
180205	chemicals consisting of or containing dangerous substances
180206	chemicals other than those mentioned in 18 02 05
1901	wastes from incineration or pyrolysis of waste
190110	*spent activated carbon from flue gas treatment
1902	wastes from physico/chemical treatments of waste (including dechromation, decyanidation, neutralisation)
190203	premixed wastes composed only of non-hazardous wastes
190204	*premixed wastes composed of at least one hazardous waste
190205	*sludges from physico/chemical treatment containing dangerous substances
190206	sludges from physico/chemical treatment other than those mentioned in 19 02 05
190207	*oil and concentrates from separation
190208	*liquid combustible wastes containing dangerous substances
190209	*solid combustible wastes containing dangerous substances

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
190210	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
1903	stabilised/solidified wastes
190304	*wastes marked as hazardous, partly (*) stabilised
190305	stabilised wastes other than those mentioned in 19 03 04
190306	*wastes marked as hazardous solidified
190307	solidified wastes other than those mentioned in 19 03 08
1904	vitrified waste and wastes from vitrification
190401	vitrified waste
190402	fly ash and other fine-gas treatment wastes
190403	non-vitrified solid phase
190404	aqueous liquid wastes from vitrified waste tempering
1908	Waste from waste water treatment plants not otherwise specified
190801	screenings
190802	waste from desanding
190805	sludges from treatment of urban waste water
190808	*saturated or spent ion exchange resins
190807	*solutions and sludges from regeneration of ion exchangers
190808	membrane system waste containing heavy metals
190809	*grease and oil mixture from oil/water separation containing edible oil and fats
190810	*grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
190813	*sludges containing dangerous substances from other treatment of industrial waste water
190814	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
1910	wastes from shredding of metal containing wastes
191001	Iron and steel waste
191002	non-ferrous waste
191005	other fractions containing dangerous substances
191008	other fractions other than those mentioned in 19 10 05
1911	Wastes from oil regeneration
191101	*spent filter clays
191102	*acid tars
191103	*aqueous liquid wastes
191104	*wastes from cleaning of fuel with bases
191105	*sludges from on-site effluent treatment containing dangerous substances
191106	sludges from on-site effluent treatment other than those mentioned in 19 11 05
191107	wastes from flue-gas cleaning

Table 2.1.2c: Permitted Waste Types for the Transfer and Storage in the Compound F	
Waste type	Limitations
Maximum quantity	4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
Waste code	Description
2001	separately collected fractions (except 16 01)
200113	*solvents
200114	acids
200115	alkalines
200117	*photochemicals
200119	pesticides
200125	edible oil and fat
200126	*oil and fat other than those mentioned in 20 01 25
200127	*paint, inks, adhesives and resins containing dangerous substances
200128	paint, inks, adhesives and resins other than those mentioned in 200127
200133	batteries and accumulators included in 16 08 01, 16 08 02 or 16 08 03 and unsorted batteries and accumulators containing these batteries
200134	batteries and accumulators other than those mentioned in 20 11 21, 20 01 23 and 20 01 35
200140	metals

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
0103	wastes from physical and chemical processing of metalliferous minerals
010309	red mud from alumina production other than the wastes mentioned in 01 03 07
0105	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing dangerous substances
0203	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.
020303	wastes from solvent extraction
020304	materials unsuitable for consumption or processing
0207	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
020702	wastes from spirits distillation

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
020704	materials unsuitable for consumption or processing
04 Wastes from the manufacture, supply and use of dyes and pigments	
040102	lime mud waste
0402	wastes from the textile industry
040210	organic matter from natural processes (eg grease, wax)
040214*	*wastes from finishing containing organic solvents
040216*	*dyestuff and pigments containing dangerous substances
040217*	*dyestuffs and pigments other than those mentioned in 040216*
05 Wastes from the manufacture, supply and use of acids, alkalis and salts	
0501	wastes from petroleum refining
050103*	*tank bottom sludges
050104*	*acid alkyl sludges
050106*	*oil spills
050108*	*oily sludges from maintenance operations of the plant or equipment
050107*	*acid tars
050108*	*other tars
050109*	sludges from on-site effluent treatment containing dangerous substances
050110	Sludges from on site treatment other than those mentioned in 05 01 09
050112*	*oil containing acids
050113	boiler feedwater sludges
050115	spent filter clays
050117	bitumen
0508	Wastes from the pyrolytic treatment of coal
050601	*acid tars
06 Wastes from the manufacture, supply and use of carbon	
0607	Wastes from the MFSU of halogenated and halogen chemical processes
060702	*activated carbon from chlorine production
0613	Wastes from inorganic chemical processes not otherwise specified
061302*	*spent activated carbon (except 060702)
061303	carbon black
07 Wastes from the manufacture, supply and use of organic chemicals	
0701	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
070101*	*aqueous washing liquids and other mother liquors
070103*	organic halogenated solvents, washing liquids and mother liquors
070104*	*other organic solvents, washing liquids and mother liquors
070107*	*halogenated still bottoms and reaction residues
070108*	*other still bottoms and reaction residues
070109*	*halogenated filter cakes and spent absorbents
0702	wastes from the MFSU of plastics, synthetic rubber and manmade fibres
070201*	aqueous washing liquids and mother liquors
070203*	*organic halogenated solvents, washing liquids and mother liquors

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
070204*	*other organic solvents, washing liquids and mother liquors
070207*	*halogenated still bottoms and reaction residues
070208*	*other still bottoms and reaction residues
070209*	*halogenated filter cakes and spent absorbents
070211	sludges from on-site effluent treatment containing dangerous substances
0703	Wastes from the MFSU of organic dyes and pigments (except 0611)
070301*	*aqueous washing liquids and mother liquors
070303*	*organic halogenated solvents, washing liquids and mother liquors
070304*	*other organic solvents, washing liquids and mother liquors
070307*	*halogenated still bottoms and reaction residues
070308*	*other still bottoms and reaction residues
070309*	*halogenated filter cakes and spent absorbents
0704	Wastes from the MFSU of organic plant protection products (except 020108 and 020109), wood preserving agents (except 0302) and other biocides.
070401*	*aqueous washing liquids and mother liquors
070403*	*organic halogenated solvents, washing liquids and mother liquors
070404*	*other organic solvents, washing liquids and mother liquors
070407*	*halogenated still bottoms and reaction residues
070408*	*other still bottoms and reaction residues
070409*	*halogenated filter cakes and spent absorbents
070413	solid wastes containing dangerous substances
0705	Wastes from the MFSU of pharmaceuticals
070501*	*aqueous washing liquids and mother liquors
070503*	*organic halogenated solvents, washing liquids and mother liquors
070504*	*other organic solvents, washing liquids and mother liquors
070507*	*halogenated still bottoms and reaction residues
070508*	*other still bottoms and reaction residues
070510*	*other filter cakes, spent absorbents
070513	solid wastes containing dangerous substances not on current permit
0706	Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
070601*	*aqueous washing liquids and mother liquors
070603*	*organic halogenated solvents, washing liquids and mother liquors
070604*	*other organic solvents, washing liquids and mother liquors
070607*	*halogenated still bottoms and reaction residues
070608*	*other still bottoms and reaction residues
070609*	*halogenated filter cakes and spent absorbents
0707	Wastes from the MFSU of fine chemicals and chemical products not otherwise specified
070701*	*aqueous washing liquids and mother liquors
070703*	*organic halogenated solvents, washing liquids and mother liquors
070704*	*other organic solvents, washing liquids and mother liquors
070707*	*halogenated still bottoms and reaction residues

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
090103*	*solvent-based developer solutions
10 Wastes from thermal metallurgy	
1002	wastes from the iron and steel industry
100211*	wastes from cooling-water treatment containing oil
1003	wastes from aluminium thermal metallurgy
10 03 17*	tar-containing wastes from anode manufacture
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 08*	wastes from cooling-water treatment containing oil
1005	wastes from zinc thermal metallurgy
100508*	wastes from cooling-water treatment containing oil
1005	wastes from copper thermal metallurgy
100809*	wastes from cooling-water treatment containing oil
1007	wastes from silver, gold and platinum thermal metallurgy
100707*	wastes from cooling-water treatment containing oil
1008	wastes from other non-ferrous thermal metallurgy
100812*	tar-containing wastes from anode manufacture
100819*	* wastes from cooling-water treatment containing oil
11 Wastes from chemical surface treatment and coating of metals and other materials	
1101	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, anodizing)
110113*	degreasing wastes containing dangerous substances
110114	degreasing wastes other than those mentioned in 11 01 13
12 Wastes from machining of metals and plastics	
1201	wastes from shaping and physical and mechanical surface treatment of metals and plastics
120106*	mineral-based machining oils containing halogens (except emulsions and solutions)
120107*	mineral-based machining oils free of halogens (except emulsions and solutions)
120108*	machining emulsions and solutions containing halogens
120109*	machining emulsions and solutions free of halogens
120110*	synthetic machining oils
120112*	spent waxes and fats
120115	machining sludges other than those mentioned in 12 01 14
120119*	*readily biodegradable machining oil
1203	wastes from water and steam degreasing processes (except 11)
120301*	aqueous liquids
120302*	steam degreasing wastes
13 Wastes from hydraulic systems	
1301	waste hydraulic oils
130101*	hydraulic oils, containing PCBs
130104*	chlorinated emulsions

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
130105*	non-chlorinated emulsions
130109*	mineral-based chlorinated hydraulic oils
130110*	mineral based non-chlorinated hydraulic oils
130111*	synthetic hydraulic oils
130112*	readily biodegradable hydraulic oils
130113*	other hydraulic oils
1302	waste engine, gear and lubricating oils
130204*	mineral-based chlorinated engine, gear and lubricating oils
130205*	mineral-based non-chlorinated engine, gear and lubricating oils
130208 *	synthetic engine, gear and lubricating oils
130207 *	readily biodegradable engine, gear and lubricating oils
130208	other engine, gear and lubricating oils
1303	waste insulating and heat transmission oils
130301	*insulating or heat transmission oils containing PCBs
130306	*mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
130307	*mineral-based non-chlorinated insulating and heat transmission oils
130308	*synthetic insulating and heat transmission oils
130309	*readily biodegradable insulating and heat transmission oils
130310	*other insulating and heat transmission oils
1304	bilge oils
130401	*bilge oils from inland navigation
130402	*bilge oils from jetty sewers
130403	*bilge oils from other navigation
1305	oil/water separator contents
130501	*solids from grit chambers and oil/water separators
130502	*sludges from oil/water separators
130503	*interceptor sludges
130506	*oil from oil/water separators
130507	*oily water from oil/water separators
130508	*mixtures of wastes from grit chambers and oil/water separators
1307	wastes from liquid fuels
130701	*fuel oil and diesel
130702	*petrol
130703	*other fuels (including mixtures)
1308	oil wastes not otherwise specified
130801	*desalter sludges or emulsions
130802	*other emulsions
1406	waste organic solvents, refrigerants and foam/aerosol propellants
140602	*other halogenated solvents and solvent mixtures
140603	*other solvents and solvent mixtures

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
140604	*sludges or solid wastes containing halogenated solvents
140805	*sludges or solid wastes containing other solvents
1501	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
1502	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 other than those mentioned in 15 02 02
1601	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)
160114	*antifreeze fluids containing dangerous substances
160115	antifreeze fluids other than those mentioned in 16 01 14
160117	ferrous metal
160121	*hazardous components other than those already mentioned in 160107 to 160111 and 160113 and 160114
1603	off-specification batches and unused products
160305	*organic wastes containing dangerous substances
160306	organic wastes other than those mentioned in 16 03 05
1605	Gases in pressure containers and discarded chemicals
160507	discarded inorganic chemicals consisting of or containing dangerous substances
160508	*discarded organic chemicals consisting of or containing dangerous substances
160509	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
1607	Wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
160708	*wastes containing oil
160709	*wastes containing other dangerous substances
1608	*spent catalyst
160806	*spent liquids used as catalysts
160807	*spent catalysts contaminated with dangerous substances
1610	aqueous liquid wastes destined for off site treatment
161001	*aqueous liquid wastes containing dangerous substances
161002	aqueous liquid wastes other than those mentioned in 16 10 01
161003	*aqueous concentrates containing dangerous substances
161004	aqueous concentrates other than those mentioned in 16 10 03
1703	bituminous mixtures, coal tar and tarred products
170301	*bituminous mixtures containing coal tar
170303	*coal tar and tarred products

Table 2.1.2d: Acceptable Waste Categories for onsite site processing	
Waste type	Limitations
Waste code	Description
1901	Wastes from Incineration or Pyrolysis of waste
190106*	aqueous liquids wastes from gas treatment and other aqueous liquid waste
190110*	spent activated carbon from flue gas treatment
1902	wastes from physico/chemical treatments of waste (including dechromation, decyanidation, neutralisation)
190203	premixed wastes composed only of non-hazardous wastes
190204*	*premixed wastes composed of at least one hazardous waste
190205	*sludges from physico/chemical treatment containing dangerous substances
190206*	sludges from physico/chemical treatment other than those mentioned in 19 02 05
190207*	*oil and concentrates from separation
190208*	*liquid combustible wastes containing dangerous substances
190210	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
1903	stabilised/solidified wastes
190304*	*wastes marked as hazardous, partly (*) stabilised
190306*	*wastes marked as hazardous solidified
19 09	wastes from the preparation of water intended for human consumption or water for industrial use
19 09 04	spent activated carbon
1911	Wastes from oil regeneration
191101	*spent filter clays
191102	*acid tars
191103	*aqueous liquid wastes
191104	*wastes from cleaning of fuel with bases
191105	*sludges from on-site effluent treatment containing dangerous substances
191106	sludges from on-site effluent treatment other than those mentioned in 19 11 05
1912	waste from the mechanical treatment of waste (for example sorting, crushing, composting, palletising) not otherwise specified
191211*	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
1911	Wastes from oil regeneration
191303*	sludge from soil remediation containing dangerous substances
191305*	sludge from groundwater remediation containing dangerous substances
191107*	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
2001	separately collected fractions (except 16 01)
200113	*solvents
200117	*photochemicals
200125	edible oil and fat
200126	*oil and fat other than those mentioned in 20 01 25
200127	*paint, inks, adhesives and resins containing dangerous substances
200128	paint, inks, adhesives and resins other than those mentioned in 200127

2.1.4 No condition applies.

- 2.1.5 No condition applies.
- 2.1.6 From the 28th December 2005, waste type WT2 shall not be charged to Boiler 3, or shall cease to be charged, if the combustion chamber temperature is below, or falls below 850°C.
- 2.1.7 From the 28th December 2005, waste shall not be charged to Boiler 3, or shall cease to be charged, if:
- any continuous emission limit value in Table 2.2.2 is exceeded, other than under abnormal operating conditions; or
 - monitoring results required to demonstrate compliance with any continuous emission limit value in Table 2.2.2 are unavailable other than during a period of abnormal operation.
- 2.1.8 From the 28th December 2005, the Operator shall record the beginning and end of each period of abnormal operation.
- 2.1.9 From the 28th December 2005, during a period of abnormal operation, the Operator shall restore normal operation of the failed equipment or replace the failed equipment as rapidly as possible.
- 2.1.10 From the 28th December 2005, where during abnormal operation, any of the following situations arise, the Operator shall, as soon as practicable, cease the burning of waste until normal operation can be restored:
- continuous measurement shows that an emission exceeds any emission limit value in Table 2.2.2, or continuous emission monitor(s) are out of service, as the case may be, for a total of four hours uninterrupted duration;
 - the cumulative duration of abnormal operation periods over one calendar year exceeds 60 hours on a co-incineration line.
- 2.1.11 From the 28th December 2005, the Operator shall interpret the end of the period of abnormal operation as the earliest of the following:
- when the failed equipment is repaired and brought back into normal operation;
 - when the Operator initiates a shut-down of the waste combustion activity, as described in the Application;
 - when a period of 4 hours has elapsed from the start of the abnormal operation;
 - when, in any calendar year, an aggregated period of 60 hours abnormal operation has been reached for a given co-incineration line.
- 2.1.12 No condition applies.

2.2 Emissions

2.2.1 Emissions to air, (including heat, but excluding odour, noise or vibration) from specified points

- 2.2.1.1 This Part 2.2.1 of this Permit shall not apply to releases of odour, noise or vibration.
- 2.2.1.2 Emissions to air from the emission points in Table 2.2.1 shall only arise from the sources specified in that Table.

Table 2.2.1 : Emission points to air

Emission point reference or description	Source	Location of emission point – reference drawing DG001 L in Appendix 2.5 of Application
A1a	Still 1 condenser vent atmospheric	Point 1
A1b	Still 1 condenser vent vacuum	Point 1
A2	Still 2 condenser vent	Point 2
A3	Still 7 condenser vent	Point 3
A4	Still 4 condenser vent	Point 4
A5	Still 5 condenser vent	Point 5
A6	Still 8 condenser vent	Point 6
A8	LUWA 1 vent atmospheric	Point 8
A9a	LUWA 2 condenser vent atmospheric	Point 9
A9b	LUWA 2 condenser vent vacuum	Point 9
A10	Recovery Plant Fume burner vent	Point 10
A11	No.3 Boiler stack (Co-Incinerator)	Point 11
A12	No.4 Boiler stack	Point 12
A13	No.5 Boiler stack	Point 13
A14	Geka boiler stack (thermal fluid heater)	Point 14
A15	Beverley boiler stack (thermal fluid heater)	Point 15
A21-25	Cooling tower vents	Point 18 (noted as 7 together)

2.2.1.3 The limits for emissions to air for the parameter(s) and emission point(s) set out in Table 2.2.2 shall not be exceeded.

Table 2.2.2 : Emission limits to air and monitoring				
Emission point reference	Parameter	Limit (including reference period) ¹	Monitoring frequency	Monitoring method
A11	Particulate matter	10 mg/m ³ daily average ¹²	Continuous measurement	BS EN 13284-2 ^{8,9}
A11	Total Organic Carbon (TOC)	18 mg/m ³ daily average ¹³	Continuous measurement	BS EN 12619 ^{8,9}
A11	Total Organic Carbon (TOC)	36 mg/m ³ ½-hr average ¹⁰	Continuous measurement	BS EN 12619 ^{8,9}
A11	Hydrogen chloride	18 mg/m ³ periodic over minimum 1-hour period ¹⁰	Bi-annual	BS EN 1911
A11	Hydrogen fluoride	2 mg/m ³ periodic over minimum 1-hour period ¹⁰	Bi-annual	USEPA Method 26/26A
A11	Carbon monoxide	90 mg/m ³ daily average ¹⁰	Continuous measurement	ISO 12039 ^{5,4}
A11	Carbon monoxide	180 mg/m ³ ½-hr average ¹⁰	Continuous measurement	ISO 12039 ^{5,4}
A11	Sulphur dioxide	50 mg/m ³ periodic over minimum 1-hour period ¹⁰	Bi-annual	BS 6059-4.1
A11	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	650 mg/m ³ daily average ¹⁰	Continuous measurement	ISO 10849 ^{5,5}
A11	Cadmium & thallium and their compounds (total) ²	0.06 mg/m ³ periodic over minimum 30 minute, maximum 8 hour period ¹⁰	Bi-annual	BS EN 14385
A11	Mercury and its compounds ²	0.06 mg/m ³ periodic over minimum 30 minute, maximum 8 hour period ¹⁰	Bi-annual	BS EN 13211
A11	Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V and their compounds (total) ²	0.8 mg/m ³ periodic over minimum 30 minute, maximum 8 hour period ¹⁰	Bi-annual	BS EN 14385
A11	Dioxins / furans (I-TEQ)	0.12 ng/m ³ periodic over minimum 6 hours, maximum 8 hour period ^{3,10}	Bi-annual	BS EN 1948

Note 1 : See Section 6 for reference conditions.

Note 2: Metals include gaseous, vapour and solid phases as well as their compounds (expressed as the metal or the sum of the metals as specified). Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V mean antimony, arsenic, lead, chromium, cobalt, copper, manganese, nickel and vanadium respectively.

Note 3: The I-TEQ sum of the equivalence factors to be reported as a range based on: All congeners less than the detection limit assumed to be zero as a minimum, and all congeners less than the detection limit assumed to be at the detection limit as a maximum.

Note 4: The Continuous Emission Monitors used shall be such that the values of the 95% confidence intervals of a single measured result at the daily emission limit value shall not exceed 10%. Valid half-hourly average values shall be determined within the effective operating time (excluding the start-up and shut-down periods if no waste is being incinerated) from the measured values after having subtracted this value of the confidence interval (10%). Where it is necessary to calibrate or maintain the monitor and this means that data is not available for a complete half-hour period, the half-hourly average shall nonetheless be considered valid if measurements are available for a minimum of 20 minutes during the half-hour period. (The number of half-hourly averages so validated shall not exceed 5 per day). Daily average values shall be determined as the average of all the valid half-hourly average values within a calendar day. The daily average value will be considered valid if no more than five half-hourly average values in any day have been determined not to be valid. No more than ten daily average values per year shall be determined not to be valid.

Note 5: As Note 4, except that the value of the confidence interval is 20% in place of 10%.

Note 6: As Note 4, except that the value of the confidence interval is 30% in place of 10%.

Note 7: As Note 4, except that the value of the confidence interval is 40% in place of 10%.

Note 8: MCERTS certification to the appropriate ranges and determinands is a demonstration of compliance to the applicable standards.

Note 9: The certification range for MCERTS equipment should be 1.5 times the daily emission limit value.

Note 10: Emission limits apply from the first time on or after the 28th December 2005 where waste is burned in boiler 3.

2.2.1.4 Total emissions to air from emission points set out in Table 2.2.1 in any year of a substance listed in Table 2.2.3 shall not exceed the relevant limit in that Table.

Table 2.2.3 Annual limits

Substance	Limit - kg
Volatile Organic Compounds from emission points A1 through A10	15,000 (Compliance by mass balance or suitable surrogate method as agreed in writing with the Environment Agency)

2.2.2 Emissions to water (other than groundwater), including heat, from specified points

2.2.2.1 This Part 2.2.2 of this Permit shall not apply to releases of odour, noise or vibration or to releases to groundwater.

2.2.2.2 Conditions 2.2.2.3 - 2.2.2.6 shall not apply to emissions to sewer.

2.2.2.3 No emission from the Permitted Installation shall be made to water.

2.2.2.4 No condition applies.

2.2.2.5 No condition applies.

2.2.2.6 No condition applies.

Emissions to sewer

2.2.2.7 Emissions to sewer from the specified emission points in Table 2.2.7 shall only arise from the source(s) specified in that Table.

Table 2.2.7 Emission points to sewer

Emission point reference or description	Source	Sewer
S1 as detailed on drawing reference DG001C (Knottley Works site drains and sewers).	Effluent treatment plant and storm water	Yorkshire Water plc

2.2.2.8 No condition applies.

2.2.2.9 No condition applies.

2.2.2.10 No condition applies.

2.2.3 Emissions to groundwater

2.2.3.1 No emission from the Permitted Installation shall give rise to the introduction into groundwater of any substance in List I (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).

2.2.3.2 No emission from within the Permitted Installation shall give rise to the introduction into groundwater of any substance in List II (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)) so as to cause pollution (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)).

2.2.3.3 For substances other than those in List I or II (as defined in the Groundwater Regulations 1998 (S.I. 1998 No. 2746)), the Operator shall use BAT to prevent or where that is not practicable to reduce emissions to groundwater from the Permitted Installation provided always that the techniques used by the Operator shall be no less effective than those described in the Application.

2.2.4 Fugitive emissions of substances to air

2.2.4.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce fugitive emissions of substances to air from the Permitted Installation in particular from:

- storage areas
- buildings
- pipes, valves and other transfer systems
- open surfaces

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

2.2.5 Fugitive emissions of substances to water and sewer

2.2.5.1 Subject to condition 2.2.5.2 below, the Operator shall use BAT so as to prevent or where that is not practicable to reduce fugitive emissions of substances to water (other than Groundwater) and sewer from the Permitted Installation in particular from:

- all structures under or over ground
- surfacing
- bunding

- storage areas

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

2.2.5.2 There shall be no release to water that would cause a breach of an EQS established by the UK Government to implement the Dangerous Substances Directive 76/464/EEC.

2.2.6 Odour

2.2.6.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce odorous emissions from the Permitted Installation, in particular by:

- limiting the use of odorous materials
- restricting odorous activities
- controlling the storage conditions of odorous materials
- controlling processing parameters to minimise the generation of odour
- optimising the performance of abatement systems
- timely monitoring, inspection and maintenance
- employing, where appropriate, an approved odour management plan

provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.

2.2.6.2 No condition applies.

2.2.6.3 No condition applies.

2.2.7 Emissions to land

2.2.7.1 This Part 2.2.7 of this Permit shall not apply to emissions to groundwater.

2.2.7.2 No emission from the Permitted Installation shall be made to land.

2.2.7.3 No condition applies.

2.2.8 Equivalent parameters or technical measures

2.2.8.1 The Operator shall comply with the requirements specified in Table 2.2.11, which supplement or replace emission limit values in accordance with Regulation 12(8) of the PPC Regulations.

Table 2.2.11 Equivalent parameters and technical measures

Parameter or measure	Requirement or description of measure, and frequency if relevant
Use of Emission Point A10	The Operator shall record the time that emission point A10 is used as a release point for process fumes.
Boiler 3 aqueous waste specification	When burning aqueous waste the feed specification shall be limited to the maximum specification detailed in the Specification of all Fuels and Wastes.
Product Grade Distillate (PGD) fuel specification	When burning PGD the feed specification shall be limited to the specification detailed in letter received on 31.01.07 unless otherwise agreed in writing by the Agency.

2.3 Management

- 2.3.1 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.

Training

- 2.3.2 The Permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.
- 2.3.3 All staff shall be fully conversant with those aspects of the Permit conditions which are relevant to their duties and shall be provided with adequate professional technical development and training and written operating instructions to enable them to carry out their duties.
- 2.3.4 The Operator shall maintain a record of the skills and training requirements for all staff whose tasks in relation to the Permitted Installation may have an impact on the environment and shall keep records of all relevant training.

Maintenance

- 2.3.5 All plant and equipment used in operating the Permitted Installation, the failure of which could lead to an adverse impact on the environment, shall be maintained in good operating condition.
- 2.3.6 The Operator shall maintain a record of relevant plant and equipment covered by condition 2.3.5 and for such plant and equipment:
- 2.3.6.1 a written or electronic maintenance programme; and
 - 2.3.6.2 records of its maintenance.

Incidents and complaints

- 2.3.7 The Operator shall maintain and implement written procedures for:
- 2.3.7.1 taking prompt remedial action, investigating and reporting actual or potential non-compliance with operating procedures or emission limits.
 - 2.3.7.2 investigating incidents, (including any malfunction, breakdown or failure of plant, equipment or techniques, down time, any short term and long term remedial measures and near misses) and prompt implementation of appropriate actions; and
 - 2.3.7.3 ensuring that detailed records are made of all such actions and investigations.
- 2.3.8 The Operator shall record and investigate complaints concerning the Permitted Installation's effects or alleged effects on the environment. The record shall give the date and nature of complaint, time of complaint, name of complainant (if given), a summary of any investigation and the results of such investigation and any actions taken.

2.4 Efficient use of raw materials

- 2.4.1 The Operator shall -
- 2.4.1.1 maintain the raw materials table or description submitted in Section 2.3 of the Application and in particular consider on a periodic basis whether there are suitable alternative materials to reduce environmental impact;

- 2.4.1.2 carry out periodic waste minimisation audits and water use efficiency audits. If such an audit has not been carried out in the 2 years prior to the issue of this Permit, then the first such audit shall take place within 2 years of its issue. The methodology used and an action plan for increasing the efficiency of the use of raw materials or water shall be submitted to the Agency within 2 months of completion of each such audit and a review of the audit and a description of progress made against the action plan shall be submitted to the Agency at least every 4 years thereafter; and
- 2.4.1.3 ensure that incoming water use is directly measured and recorded.

2.5 Waste Storage and Handling

- 2.5.1 The Operator shall design, maintain and operate all facilities for the storage and handling of waste on the Permitted Installation such that there are no releases to water or land during normal operation and that emissions to air and the risk of accidental release to water or land are minimised.
- 2.5.2 No condition applies.

2.6 Waste recovery or disposal

- 2.6.1 Waste produced at the Permitted Installation shall be:
- 2.6.1.1 recovered to no lesser extent than described in the Application; and
- 2.6.1.2 where not recovered, disposed of while avoiding or reducing any impacts on the environment provided always that this is not done in any way that would have a greater effect on the environment than that described in the Application.
- 2.6.2 The Operator shall maintain the waste recovery or disposal table or description submitted in Sections 2.11 and 3.5 of the Application and in particular review the available options for waste recovery and disposal for the purposes of complying with condition 2.6.1 above.
- 2.6.3 The Operator shall maintain and implement a system which ensures that a record is made of the quantity, composition, origin, destination (including whether this is a recovery or disposal operation) and where relevant removal date of any waste that is produced at the Permitted Installation.
- 2.6.4 The Operator shall maintain and implement a system which ensures that a record is made of the quantity, composition, origin and delivery date of any waste that is received for disposal or recovery at the Permitted Installation.

2.7 Energy efficiency

- 2.7.1 The Operator shall produce a report on the energy consumed at the Permitted Installation over the previous calendar year, by 31 January each year, providing the information required by condition 4.1.2.
- 2.7.2 The Operator shall maintain and update annually an energy management system which shall include, in particular, the monitoring of energy flows and targeting of areas for improving energy efficiency.

- 2.7.3 The Operator shall design, maintain and operate the Permitted Installation so as to secure energy efficiency, taking into account relevant guidance including the Agency's Energy Efficiency Horizontal Guidance Note as from time to time amended. Energy efficiency shall be secured in particular by:
- ensuring that the appropriate operating and maintenance systems are in place;
 - ensuring that all plant is adequately insulated to minimise energy loss or gain;
 - ensuring that all appropriate containment methods, (e.g. seals and self-closing doors) are employed and maintained to minimise energy loss;
 - employing appropriate basic controls, such as simple sensors and timers, to avoid unnecessary discharge of heated water or air;
 - where building services constitute more than 6% of the total energy consumption of the Permitted Installation, identifying and employing the appropriate energy efficiency techniques for building services, having regard in particular to the Building services part of the Agency's Energy Efficiency Horizontal Guidance Note H2; and

maintaining and implementing an energy efficiency plan which identifies energy saving techniques that are applicable to the activities and their associated environmental benefit and prioritises them, having regard to the appraisal method in the Agency's Energy Efficiency Horizontal Guidance Note H2.

2.8 Accident prevention and control

- 2.8.1 The Operator shall maintain and implement when necessary the accident management plan submitted or described in Section 4.6 of the Application. The plan shall be reviewed at least every 2 years or as soon as practicable after an accident, whichever is the earlier, and the Agency notified of the results of the review within 2 months of its completion.

2.9 Noise and vibration

- 2.9.1 The Operator shall use BAT so as to prevent or where that is not practicable to reduce emissions of noise and vibration from the Permitted Installation, in particular by:
- equipment maintenance, eg. of fans, pumps, motors, conveyors and mobile plant;
 - use and maintenance of appropriate attenuation, eg. silencers, barriers, enclosures;
 - timing and location of noisy activities and vehicle movements;
 - periodic checking of noise emissions, either qualitatively or quantitatively; and
 - maintenance of building fabric,
- provided always that the techniques used by the Operator shall be no less effective than those described in the Application, where relevant.
- 2.9.2 Emergency alarms/ sirens shall only be tested between the hours of 10:00 and 17:00 Monday to Friday and not on any Public Holiday.
- 2.9.3 No condition applies.

2.10 On-site monitoring

- 2.10.1 The Operator shall maintain and implement an emissions monitoring programme which ensures that emissions are monitored from the specified points, for the parameters listed in and to the frequencies and methods described in Tables 2.2.2 unless otherwise agreed in writing, and that the results of such monitoring are assessed. The programme shall ensure that monitoring is carried out under an appropriate range of operating conditions.
- 2.10.2 Where Continuous Emission Monitors are installed to comply with the monitoring requirements in Table 2.2.2, the Operator shall perform a QAL2 test as specified in BS EN 14181 at least every three years and when there are significant changes to either the process, the fuel used or to the CEMs themselves.
- 2.10.3 Where Continuous Emission Monitors are installed to comply with the monitoring requirements in Table 2.2.2, the Operator shall perform an Annual Surveillance Test (AST) at least annually, as specified within BS EN 14181.
- 2.10.4 The Operator shall carry out environmental or other specified substance monitoring to the frequencies and methods described in Table 2.10.1.

Table 2.10.1 : Other monitoring requirements

Emision point reference or source or description of point of measurement	Substance or parameter	Monitoring frequency	Monitoring method
A11	temperature	continuous ²	As described in the Application
A11	pressure	continuous ²	As described in the Application
A11	oxygen content	continuous ²	As described in the Application
A11	water vapour content	continuous ²	As described in the Application
A11	Dioxin-like PCBs (WHO-TEQ ¹ Humans / Mammals)	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	To be determined utilising sampling and analytical techniques developed for dioxins/furans (BS EN 1948)
A11	Dioxin-like PCBs (WHO-TEQ ¹ Fish)	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	To be determined utilising sampling and analytical techniques developed for dioxins/furans (BS EN 1948)
A11	Dioxin-like PCBs (WHO-TEQ ¹ Birds)	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	To be determined utilising sampling and analytical techniques developed for dioxins/furans (BS EN 1948)
A11	Specific individual polycyclic aromatic hydrocarbons (PAHs) as specified in condition 6.1.1	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	Procedure shall use BS ISO 11338-1 and BS-ISO 11338-2.
A11	Dioxins / furans (WHO-TEQ ¹ Humans / Mammals)	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	To be determined utilising sampling and analytical techniques developed for dioxins/furans (BS EN 1948)
A11	Dioxins / furans (WHO-TEQ ¹ Fish)	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	To be determined utilising sampling and analytical techniques developed for dioxins/furans (BS EN 1948)
A11	Dioxins / furans (WHO-TEQ ¹ Birds)	Bi-annual periodic measurement, average value over sample period of between 6 and 8 hours.	To be determined utilising sampling and analytical techniques developed for dioxins/furans (BS EN 1948)
Flue gas outlet from near inner wall of furnace on boiler 3	Temperature (°c)	Continuous ²	Traceable to National Standards

Note 1: The TEQ sum of the equivalence factors to be reported as a range based on: All congeners less than the detection limit assumed to be zero as a minimum, and all congeners less than the detection limit assumed to be at the detection limit as a maximum.

Note 2 : Monitoring of specified parameters is required from the first time on or after the 28th December 2005 where waste is burned in boiler 3.

- 2.10.5 The Operator shall carry out monitoring of the process variable listed in Table 2.10.1 to the frequencies and methods described in that Table.
- 2.10.6 No condition applies.
- 2.10.7 The Operator shall notify the Agency at least 14 days in advance of undertaking monitoring and/or spot sampling, where such notification has been requested in writing by the Agency.
- 2.10.8 The Operator shall maintain records of all monitoring taken or carried out (this includes records of the taking and analysis of samples, instrument measurement (periodic and continual), calibrations, examinations, tests and surveys) and any assessment or evaluation made on the basis of such data.
- 2.10.9 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme in condition 2.10.1 of this Permit and the environmental or other monitoring specified in condition 2.10.4 shall have either MCERTS certification or MCERTS accreditation (as appropriate) unless otherwise agreed in writing. Newly installed CEMs or CEMs replacing existing CEMs, shall have MCERTS certification and have an MCERTS certified range which is not greater than 1.5 times the daily emission limit value (ELV) specified in Table 2.2.2, unless otherwise agreed in writing. The CEM shall also be able to measure instantaneous values over the ranges which are expected during all operating conditions, unless otherwise agreed in writing. If it is necessary to use more than one range setting of the CEM to achieve this requirement, the CEM shall be verified for monitoring supplementary, higher ranges.
- 2.10.10 There shall be provided:
 - 2.10.10.1 safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2 to this Permit, unless otherwise specified in that Schedule; and
 - 2.10.10.2 safe means of access to other sampling/monitoring points when required by the Agency.
- 2.10.11 The Operator shall carry out the on-going monitoring identified in the Site Protection and Monitoring Programme submitted under condition 4.1.8, unless otherwise agreed in writing by the Agency.
- 2.10.12 The Operator shall, within 6 months of the Issue of this Permit, in accordance with and using the format given in the Land Protection Guidance:
 - 2.10.12.1 collect the site reference data identified in the Site Protection and Monitoring Programme submitted under condition 4.1.8, and
 - 2.10.12.2 report that site reference data to the Agency,
 - unless otherwise agreed in writing by the Agency.
- 2.10.13 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.

2.11 Closure and decommissioning

- 2.11.1 The Operator shall maintain and operate the Permitted Installation so as to prevent or minimise any pollution risk, including the generation of waste, on closure and decommissioning in particular by:-
- 2.11.1.1 attention to the design of new plant or equipment;
 - 2.11.1.2 the maintenance of a record of any events which have, or might have, impacted on the condition of the site along with any further investigation or remediation work carried out; and
 - 2.11.1.3 the maintenance of a site closure plan to demonstrate that the Permitted Installation can be decommissioned avoiding any pollution risk and returning the site of operation to a satisfactory state.
- 2.11.2 Notwithstanding condition 2.11.1 of this Permit, the Operator shall carry out a full review of the Site Closure Plan at least every 4 years.
- 2.11.3 The site closure plan shall be implemented on final cessation or decommissioning of the Permitted activities or part thereof.
- 2.11.4 The Operator shall give at least 30 days written notice to the Agency before implementing the site closure plan.

2.12 Multiple operator installations

- 2.12.1 This is not a multi-operator installation

2.13 Transfer to effluent treatment plant

- 2.13.1 No transfers to effluent treatment plant are controlled under this part of this Permit.
- 2.13.2 No condition applies.

3 Records

- 3.1 The Operator shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:-
- 3.1.1 be made available for inspection by the Agency at any reasonable time;
 - 3.1.2 be supplied to the Agency on demand and without charge;
 - 3.1.3 be legible;
 - 3.1.4 be made as soon as reasonably practicable;
 - 3.1.5 indicate any amendments which have been made and shall include the original record wherever possible;
 - 3.1.6 be retained at the Permitted Installation, or other location agreed by the Agency in writing, for a minimum period of 4 years from the date when the records were made, unless otherwise agreed in writing; and
 - 3.1.7 where they concern the condition of the site of the Installation or are related to the Implementation of the Site Protection and Monitoring Programme, be kept at the Permitted Installation, or other location agreed by the Agency in writing, until all parts of the Permit have been surrendered.

4 Reporting

- 4.1.1 All reports and written and or oral notifications required by this Permit and notifications required by Regulation 18 of the PPC Regulations shall be made or sent to the Agency using the contact details notified in writing to the Operator by the Agency.
- 4.1.2 The Operator shall, unless otherwise agreed in writing, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:-
- 4.1.2.1 In respect of the parameters and emission points specified in Table S2 to Schedule 2;
 - 4.1.2.2 for the reporting periods specified in Table S2 to Schedule 2 and using the forms specified in Table S3 to Schedule 3;
 - 4.1.2.3 giving the information from such results and assessments as may be required by the forms specified in those Tables; and
 - 4.1.2.4 to the Agency within 28 days of the end of the reporting period.
- 4.1.3 The Operator shall submit to the Agency a report on the performance of the Permitted Installation over the previous year, by 31 January each year, providing the information listed in Tables S4.1 and S4.2 of Schedule 4, assessed at any frequency specified therein, and using the form specified in Table S3 to Schedule 3.
- 4.1.4 The Operator shall submit an annual performance report on the functioning and monitoring of the incineration plant in a format agreed with the Environment Agency by the 31st January each year. The report shall, as a minimum requirement, give an account of the running of the process and the emissions into air and water compared with the emission standards in the Waste Incineration Directive, as required by Article 12(2) of the Waste Incineration Directive. The first report shall be submitted by the 31st January 2007.
- 4.1.5 The Operator shall review fugitive emissions, having regard to the application of Best Available Techniques, on an annual basis, or such other period as shall be agreed in writing by the Agency, and a summary report on this review shall be sent to the Agency detailing such releases and the measures taken to reduce them within 3 months of the end of such period.
- 4.1.6 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.
- 4.1.7 The Operator shall, within 6 months of receipt of written notice from the Agency, submit to the Agency a report assessing whether all appropriate preventive measures continue to be taken against pollution, in particular through the application of the best available techniques, at the Installation. The report shall consider any relevant published technical guidance current at the time of the notice which is either supplied with or referred to in the notice, and shall assess the costs and benefits of applying techniques described in that guidance, or otherwise identified by the Operator, that may provide environmental improvement.
- 4.1.8 The Operator shall, within three months of the date of this permit, submit a detailed Site Protection and Monitoring Programme, in accordance with and using the appropriate template format given in the Land Protection Guidance. The Operator shall implement and maintain the Site Protection and Monitoring Programme (SPMP) submitted under this condition, and shall carry out regular reviews of it at a minimum frequency of every 2 years. The results of such reviews and any changes made to the SPMP shall be reported to the Agency within 1 month of the review or change.
- 4.1.9 No condition applies

5 Notifications

- 5.1.1 The Operator shall notify the Agency without delay of:-
- 5.1.1.1 the detection of an emission of any substance, which exceeds any limit or criterion in this Permit, specified in relation to the substance;
 - 5.1.1.2 the detection of any fugitive emission, which has caused, is causing or may cause significant pollution;
 - 5.1.1.3 the detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause significant pollution; and
 - 5.1.1.4 any accident, which has caused, is causing or has the potential to cause significant pollution.
 - 5.1.1.5 any incident which has led to a period of abnormal operation of Incineration or co-Incineration plant as defined in Section 6 Interpretation.
- 5.1.2 The Operator shall submit written confirmation to the Agency of any notification under condition 5.1.1, by sending:-
- 5.1.2.1 the information listed in Part A of Schedule 1 to this Permit within 24 hours of such notification; and
 - 5.1.2.2 the more detailed information listed in Part B of that Schedule as soon as practicable thereafter;
 - 5.1.2.3 for notifications of incidents of abnormal operations under condition 5.1.1.6, only the information listed in Part C of that Schedule;
- and such information shall be in accordance with that Schedule.
- 5.1.3 The Operator shall give written notification as soon as practicable prior to any of the following:-
- 5.1.3.1 permanent cessation of the operation of part or all of the Permitted Installation;
 - 5.1.3.2 cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and
 - 5.1.3.3 resumption of the operation of part or all of the Permitted Installation after a cessation notified under condition 5.1.3.2.

Conditions 5.1.4 and 5.1.5 are amended so that they apply to waste operations, not subject to the Industrial Emissions Directive, only.

- 5.1.4 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately--
- (i) Inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately--
- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

- (c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 5.1.5 Any information provided under condition 5.1.1, 5.1.4(a)(i), or 5.1.4(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 6 to this permit within the time period specified in that schedule.
- 5.1.6 The Operator shall notify the Agency, as soon as reasonably practicable, of any information concerning the state of the Site which adds to that provided to the Agency as part of the Application or to that in the Site Protection and Monitoring Programme submitted under condition 4.1.6 of this Permit.
- 5.1.7 The Operator shall notify the following matters to the Agency in writing within 14 days of their occurrence:-
- 5.1.7.1 where the Operator is a registered company:-
- any change in the Operator's trading name, registered name or registered office address;
 - any change to particulars of the Operator's ultimate holding company (including details of an ultimate holding company where an Operator has become a subsidiary)
 - any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up;
- 5.1.7.2 where the Operator is a corporate body other than a registered company:
- any change in the Operator's name or address;
 - any steps taken with a view to the dissolution of the Operator.
- 5.1.7.3 In any other case: -
- the death of any of the named Operators (where the Operator consists of more than one named individual);
 - any change in the Operator's name(s) or address(es);
 - 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 them being in a partnership, dissolving the partnership;
- 5.1.8 Where the Operator has entered into a Climate Change Agreement with the Government, the Operator shall notify the Agency within one month of:-
- 5.1.8.1 a decision by the Secretary of State not to re-certify that Agreement.
- 5.1.8.2 a decision by either the Operator or the Secretary of State to terminate that agreement.
- 5.1.8.3 any subsequent decision by the Secretary of State to re-certify such an Agreement.
- 5.1.9 Where the Operator has entered into a Direct Participant Agreement in the Emissions Trading Scheme which covers emissions relating to the energy consumption of the activities, the Operator shall notify the Agency within one month of:-
- 5.1.9.1 a decision by the Operator to withdraw from or the Secretary of State to terminate that agreement.
- 5.1.9.2 a failure to comply with an annual target under that Agreement at the end of the trading compliance period.
- 5.1.10 The Operator shall notify the Agency in writing, of any known or planned introduction or material emission from the permitted installation to water or sewer, that may increase the concentration of any "dangerous substance", as defined in List I and List II of the Dangerous Substances Directive, 76/464/EEC, and its daughter directives.

6 Interpretation

6.1.1 In this Permit, the following expressions shall have the following meanings:-

"Abatement equipment" means that equipment dedicated to the removal of polluting substances from releases from the installation to air or water media.

"Abnormal operation" means any technically unavoidable stoppages, disturbances, or failures of the abatement plant or the measurement devices, during which the concentrations in the discharges into air and the purified waste water of the regulated substances may exceed the normal emission limit values. It includes the time taken for the plant to stabilise after the repair or replacement has been carried out. For the purposes of this installation "Abnormal operation" relates to the operation of Boiler 3.

"Annual release" means the total release during any calendar year commencing 1 January.

"Annually" for reporting/sampling means after/during each year and, when sampling, with at least 4 months between each sampling date.

"Application" means the application for this Permit, together with any response to a notice served under Schedule 4 to the PPC Regulations and any operational change agreed under the conditions of this Permit.

"APC residues" means air pollution control residues.

"background concentration" means such concentration of that substance as is present in:

- water supplied to the site; or
- where more than 50% of the water used at the site is directly abstracted from ground or surface water on site, the abstracted water; or
- where the Permitted Installation uses no significant amount of supplied or abstracted water, the precipitation on to the site.

"BAT" means best available techniques means the most effective and advanced stage of development of activities and their methods of operation which indicates the practical suitability of particular techniques to prevent and where that is not practicable to reduce emissions and the impact on the environment as a whole. For these purposes: "available techniques" means "those techniques which have been developed on a scale which allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the cost and advantages, whether or not the techniques are used or produced inside the United Kingdom, as long as they are reasonably accessible to the operator"; "best" means "in relation to techniques, the most effective in achieving a high general level of protection of the environment as a whole" and "techniques" "includes both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned". In addition, Schedule 2 of the PPC Regulations has effect in relation to the determination of BAT.

"Bi-annual" or "6 monthly" means twice per year with at least five months between tests.

"CEM" means Continuous emission monitor.

"CEN" means Comité Européen de Normalisation.

"Class A or Class B" in relation to volatile organic compounds is as defined in Agency Guidance for Speciality Organic Chemicals S4.02, Appendix 3.

"Co-incineration line" means all of the co-incineration equipment related to a common discharge to air location.

"Commissioning" relates to the period after construction has been completed or when a modification has been made to the plant or the raw materials when the Permitted Installation process is being tested and modified to operate according to its design.

"Daily" means, for sampling purposes, a 24 hour period starting at 7.00 am.

"Daily average" for releases of substances to air means the average of half-hourly averages over a calendar day during normal operation. Where any of abnormal operation, start-up or shut-down occur during the day in such a way that there are less than 43 half-hourly averages recorded during normal operation, no daily average shall be recorded for that day.

"Day" means a 24 hour period starting at 7.00 am.

"Dioxin and Furans" means polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans.

"ELV" means emission limit value.

"Fugitive emission" means an emission to air or water (including sewer) from the Permitted Installation which is not controlled by an emission or background concentration limit under conditions 2.2.1.3, 2.2.2.4, 2.2.2.5, 2.2.2.6 or 2.2.2.8 of this Permit.

"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.

"Installation 1" means Knottingley Process Plant, operated by Solvent Resource Management Ltd.

"Installation 2" means Knottingley Ferrous Sulphate Blending Plant, operated by Solvent Resource Management Ltd.

"ISO" means International Standards Organisation.

"Land Protection Guidance" means the version of the Agency guidance note "H7 - Guidance on the Protection of Land under the PPC Regime: Application Site Report and Site Protection and Monitoring Programme", including its appended templates for data reporting, which is current at the time of issue of the Permit.

" $L_{Aeq,T}$ " means the equivalent continuous A-weighted sound pressure level in dB determined over time period, T.

" $L_{A90,T}$ " means the A-weighted sound pressure level in dB exceeded for 90% of the time period, T.

" L_{AFmax} " means the maximum A weighted sound level measurement in dB measured with a fast time weighting.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"Monitoring" includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

"PAH" means Poly-cyclic aromatic hydrocarbon, and comprises Anthracene, Benzo[a]anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[b]naph(2,1-d)thiophene, Benzo[c]phenanthrene, Benzo[ghi]perylene, Benzo[a]pyrene, Choloranthrene, Chrysene, Cyclopenta[c,d]pyrene, Dibenzo[ah]anthracene, Dibenzo[a,i]pyrene Fluoranthene, Indol[1,2,3-cd]pyrene, Naphthalene.

"PCB" means Polychlorinated Biphenyl. Dioxin-like PCBs are the non-ortho and mono-ortho PCBs listed in condition 6.1.5.

"Permitted Installation" means the activities and the limits to those activities described in Table 1.1.1 of this Permit.

"PPC Regulations" means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 (as amended) and words and expressions defined in the PPC Regulations shall have the same meanings when used in this Permit save to the extent they are specifically defined in this Permit.

"Quarterly" for reporting/sampling means after/during each 3 month period, January to March; April to June; July to September and October to December and, when sampling, with at least 2 months between each sampling date.

"Sewer" means sewer within the meaning of section 219(1) of the Water Industry Act 1991.

"Shutdown" is any period where the plant is being returned to a non-operational state and there is no waste being burned.

"Staff" includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors.

"Start-up" is any period, where the plant has been non-operational, after igniting the burner until waste has been fed to the co-incinerator to initiate steady-state conditions.

"TOC" means Total Organic Carbon. In respect of releases to air, this means the gaseous and vaporous organic substances, expressed as TOC. In respect of Bottom Ash, this means the total carbon content of all organic species present in the ash (excluding carbon in elemental form).

"Waste Incineration Directive" means Directive 2000/76/EC on the Incineration of waste.

"Waste oil" has the same meaning as in Directive 75/439/EEC.

"WHO" means the World Health Organisation.

"Year" means calendar year ending 31 December.

"6 monthly" for reporting/sampling means after/during each 6 month period, January to June; July to December and, when sampling, with at least 6 weeks between each sampling date.

"mg/m³" means milligramme per cubic metre.

"kg" means kilogramme.

"t" means tonne.

"MWh" means megawatt hour.

6.1.2 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.

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

6.1.3.1 In relation to gases 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

6.1.3.2 In relation to gases 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

6.1.3.3 In relation to gases from co-incineration plants the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3%.

6.1.4 Where any condition of this Permit refers to the whole or parts of different documents, in the event of any conflict between the wording of such documents, the wording of the document(s) with the most recent date shall prevail to the extent of such conflict.

6.1.5 For dioxins/furans and dioxin-like PCBs the determination of the toxic equivalence concentration (I-TEQ & WHO-TEQ for dioxins/furans, WHO-TEQ for dioxin-like PCBs) stated as a release limit and/or reporting requirement, the mass concentrations of the following congeners have to be multiplied with their respective toxic equivalence factors before summing.

TEF schemes for dioxins and furans				
Congener	I-TEF(1990)	WHO-TEF (1997/8)		
		Humans / Mammals	Fish	Birds
Dioxins				
2,3,7,8-TCDD	1	1	1	1
1,2,3,7,8-PeCDD	0.5	1	1	1
1,2,3,4,7,8-HxCDD	0.1	0.1	0.5	0.05
1,2,3,6,7,8-HxCDD	0.1	0.1	0.01	0.01
1,2,3,7,8,9-HxCDD	0.1	0.1	0.01	0.1
1,2,3,4,6,7,8-HpCDD	0.01	0.01	0.001	<0.001
OCDD	0.001	0.0001	-	-
Furans				
2,3,7,8-TCDF	0.1	0.1	0.05	1
1,2,3,7,8-PeCDF	0.05	0.05	0.05	0.1
2,3,4,7,8-PeCDF	0.5	0.5	0.5	1
1,2,3,4,7,8-HxCDF	0.1	0.1	0.1	0.1
1,2,3,7,8,9-HxCDF	0.1	0.1	0.1	0.1
1,2,3,6,7,8-HxCDF	0.1	0.1	0.1	0.1
2,3,4,6,7,8-HxCDF	0.1	0.1	0.1	0.1
1,2,3,4,6,7,8-HpCDF	0.01	0.01	0.01	0.01
1,2,3,4,7,8,9-HpCDF	0.01	0.01	0.01	0.01
OCDF	0.001	0.0001	0.0001	0.0001

TEF schemes for dioxin-like PCBs			
Congener	WHO-TEF (1997/8)		
	Humans / mammals	Fish	Birds
Non-ortho PCBs			
3,4,4',5-TCB (81)	0.0001	0.0005	0.1
3,3',4,4'-TCB (77)	0.0001	0.0001	0.05
3,3',4,4',5 - PeCB (126)	0.1	0.005	0.1
3,3',4,4',5,5'-HxCB(169)	0.01	0.00005	0.001
Mono-ortho PCBs			
2,3,3',4,4'-PeCB (105)	0.0001	<0.000005	0.0001
2,3,4,4',5-PeCB (114)	0.0005	<0.000005	0.0001
2,3',4,4',5-PeCB (118)	0.0001	<0.000005	0.00001
2',3,4,4',5-PeCB (123)	0.0001	<0.000005	0.00001
2,3,3',4,4',5-HxCB (156)	0.0005	<0.000005	0.0001
2,3,3',4,4',5'-HxCB (157)	0.0005	<0.000005	0.0001
2,3',4,4',5,5'-HxCB (167)	0.00001	<0.000005	0.00001
2,3,3',4,4',5,5'-HpCB (189)	0.0001	<0.000005	0.00001

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

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 PPC Regulations.

Part A

Permit Number	
Name of Operator	
Location of Installation	
Location of the emission	
Time and date of the emission	

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place

Measures taken, or intended to be taken, to stop the emission	
---------------------------------------------------------------	--

Part B

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 or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the Permitted Installation in the preceding 24 months.	

Part C

Permit Number	
Name of Operator	
Location of Installation	

For multi-line plants, indicate which line(s) was (were) subject to abnormal operation.	
Time at which abnormal operation commenced	
Time at which abnormal operation ceased	
Duration of this incidence of abnormal operation	
Cumulative abnormal operation duration in current year (at end of present incidence)	
Reasons for abnormal operation	
How did the abnormal operation end? (e.g. plant repaired, reaching maximum permitted duration, initiation of shutdown, etc.)	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Tradebe Solvent Recycling Limited

Schedule 2 - Reporting of monitoring data

Parameters, for which reports shall be made in accordance with conditions 4.1.2 and 4.1.3 of this Permit, are listed below.

Table S2: Reporting of monitoring data

Parameter	Emission point	Reporting period	Period begins
Total volatile organic compounds, kg	A1-A10 (combined total)	Annually	01/01/06
Sulphur dioxide mg/m ³	A11	Every 6 months	01/01/06
Total Organic Carbon (TOC) mg/m ³	A11	Every 6 months	01/01/06
Oxides of nitrogen mg/m ³	A11	Every 6 months	01/01/06
Hydrogen chloride mg/m ³	A11	Every 6 months	01/01/06
Hydrogen fluoride mg/m ³	A11	Every 6 months	01/01/06
Particulates mg/m ³	A11	Every 6 months	01/01/06
Carbon monoxide mg/m ³	A11	Every 6 months	01/01/06
Cadmium & Thallium and their compounds (total) mg/m ³	A11	Every 6 months	01/01/06
Mercury and its compounds mg/m ³	A11	Every 6 months	01/01/06
Antimony, Arsenic, Lead, Chromium, Cobalt, Copper, Manganese, Nickel and Vanadium and their compounds (total) mg/m ³	A11	Every 6 months	01/01/06
Dioxins/furans (I-TEQ)	A11	Every 6 months	01/01/06
Dioxin-like PCBs (WHO-TEQ Humans/Mammals)	A11	Every 6 months	01/01/06
Dioxin-like PCBs (WHO-TEQ Fish)	A11	Every 6 months	01/01/06
Dioxin-like PCBs (WHO-TEQ Birds)	A11	Every 6 months	01/01/06
Poly-cyclic aromatic hydrocarbons (PAHs)	A11	Every 6 months	01/01/06
Dioxin / furans (WHO-TEQ Humans/Mammals)	A11	Every 6 months	01/01/06
Dioxin / furans (WHO-TEQ Fish)	A11	Every 6 months	01/01/06
Dioxin / furans (WHO-TEQ Birds)	A11	Every 6 months	01/01/06
Use of emission point A10	A10	Every month	01/01/06

Note 1: Process control parameters have been specified under monitoring requirements, however these parameters shall not normally be required to be reported, but shall be available for inspection at the site.

Schedule 3 -- Forms to be used

Table S3: Reporting Forms		
Media / parameter	Form number	Date of form
Air: Periodic monitored emissions bi-annually	Agency Form / TP3334SF / A1 / October 2005	February 2008
Air: Continuously monitored emissions of particulate matter	Agency Form / TP3334SF / A2 / October 2005	February 2008
Air: Continuously monitored emissions of TOG	Agency Form / TP3334SF / A3 / October 2005	February 2008
Air: Continuously monitored emissions of Carbon monoxide	Agency Form / TP3334SF / A4 / October 2005	February 2008
Air: Continuously monitored emissions of oxides of nitrogen	Agency Form / TP3334SF / A5 / October 2005	February 2008
Air: Continuously monitored emissions of hydrogen chloride	Agency Form / TP3334SF / A6 / October 2005	February 2008
Air: Annual emissions	Agency Form / TP3334SF / A7 / October 2005	October 2005
Air: Use of emission point A10	Agency Form / TP3334SF / A8 / October 2005	October 2005
Energy (Knottingley Process Plant)	E1	October 2005
Energy (Knottingley Ferrous Sulphate Blending Plant)	E2	October 2005
Waste Return (Knottingley Process Plant)	R1	October 2005
Waste Return (Knottingley Ferrous Sulphate Blending Plant)	R2	October 2005
Water usage (Knottingley Process Plant)	WU1	October 2005
Water Usage (Knottingley Ferrous Sulphate Blending Plant)	WU2	October 2005
Performance Indicators	PI1	October 2005

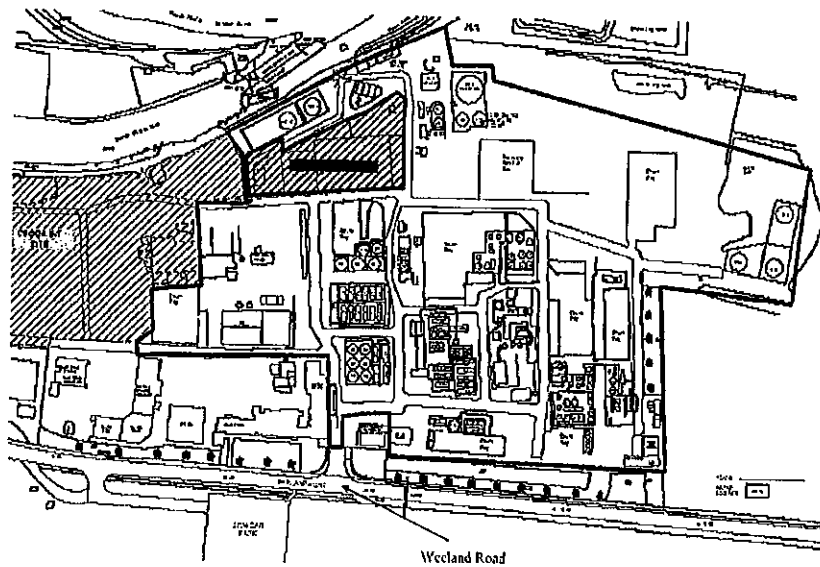
Schedule 4 - Reporting of performance data

Data required to be recorded and reported by Condition 4.1.3. The data should be assessed at the frequency given and reported annually to the Agency.

Production of recovered organics	tonnes
Production of recovered solvent fuel for use on site	tonnes
Production of Secondary Liquid Fuel for export	tonnes
Production of ferrous sulphate product	tonnes
Production of Methyl Acetate	tonnes

Parameter	Frequency of assessment	Performance Indicator
Energy Consumption of Knottingley Process Plant	Annually	MWh/t of recovered product
Energy Consumption of Knottingley Ferrous Sulphate Blending Plant	Annually	MWh/t of product
Emission Point A10 usage (operational time of emission point A10 compared to total operational time of the installation)	Annually	%

Schedule 5 - Site plan



- Knottingley Process Plant
- Knottingley Waste Transfer Building

END OF PERMIT

Variation application number
EPR/TP3334SFV/008

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21/08/2013

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Tradebe Solvent Recycling Limited

Knottingley Processing Plant
Weeland Road
Knottingley
West Yorkshire
WF11 8DZ

Variation application number

EPR/TP3334SF/V013

Permit number

EPR/TP3334SF

Status log of the permit		
Description	Date	Comments
Variation determined EPR/TP3334SF	27/01/12	
Application EPR/TP3334SF/S006	16/07/12	Partial surrender
Partial Surrender determined EPR/TP3334SF	09/10/12	
Application EPR/TP3334SF/V007	16/07/12	
Variation determined EPR/TP3334SF	09/10/12	
Variation determined (EPR/TP3334SF/V008)	21/08/13	
Application EPR/TP3334SF/V009	10/01/14	
Variation determined EPR/TP3334SF	22/01/14	
Variation EPR/TP3334SF/V010	06/02/15	Notified of change of registered office address. Registered office address change to Atlas House, Third Avenue, Globe Park, Marlow, Buckinghamshire, SL7 1EY
Variation determined EPR/TP3334SF/V010	16/02/15	Varied permit issued to Tradebe Solvent Recycling Limited
Variation EPR/TP3334SF/V011		Withdrawn
Variation EPR/TP3334SF/V012		Withdrawn
Application EPR/TP3334SF/V013 (variation and consolidation)	Duly made 27/09/17	Variation to accept 20 new waste types and to amalgamate the waste types in Tables 2.1.2b and 2.1.2c. Table 1.1 has been amended to correct errors in the activities permitted. WEEE storage and Fire Prevention condition have been added.
Variation determined EPR/TP3334SF	08/11/17	

End of introductory note

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

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

Table 2.1.2b and 2.1.2c are amalgamated into one table Table 2.1.2b/c and 20 additional wastes added.

Table 2.1.2b/c : Permitted Waste Types for the Transfer and Storage in the Waste Transfer Building and Compound F

Waste Type	Limitation
Maximum Quantity	For Waste Transfer Building no more than 20,000 tonnes per year of hazardous wastes with hazard properties H2, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. For Compound F no more than 4,999 tonnes per year of hazardous wastes with waste hazard properties H2, H3a, H3b, H4 to H8, H10, H11 and H13 to H15. Non-hazardous wastes no more than 25,000 tonnes per year. Total amount of waste stored in Compound F and Waste Transfer Building (either hazardous or non-hazardous) to be no more than 1,000 tonnes in total at any one time and no more than 25,000 tonnes throughput per year.
01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 10
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
01 05 06*	drilling muds and other drilling wastes containing hazardous 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 01	sludges from washing and cleaning
02 01 08*	agrochemical waste containing hazardous substances
02 01 09	agrochemical waste other than those mentioned in 02 01 08
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 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 02	wastes from spirits distillation

05 01 10	sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 11*	wastes from cleaning of fuels with bases
05 01 12*	oil containing acids
05 01 13	boiler feedwater sludges
05 01 14	wastes from cooling columns
05 01 15*	spent filter clays
05 01 16	sulphur-containing wastes from petroleum desulphurisation
05 01 17	Bitumen
05 06	wastes from the pyrolytic treatment of coal
05 06 01*	acid tars
05 06 03*	other tars
05 06 04	waste from cooling columns
05 07	wastes from natural gas purification and transportation
05 07 01*	wastes containing mercury
05 07 02	wastes containing sulphur
06	Wastes from inorganic chemical processes
06 01	wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01*	sulphuric acid and sulphurous acid
06 01 02*	hydrochloric acid
06 01 03*	hydrofluoric acid
06 01 04*	phosphoric and phosphorous acid
06 01 05*	nitric acid and nitrous acid
06 01 06*	other acids
06 02	wastes from the MFSU of bases
06 02 01*	calcium hydroxide
06 02 03*	ammonium hydroxide
06 02 04*	sodium and potassium hydroxide
06 02 05*	other bases
06 03	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 11*	solid salts and solutions containing cyanides
06 03 13*	solid salts and solutions containing heavy metals
06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 15*	metallic oxides containing heavy metals
06 03 16	metallic oxides other than those mentioned in 06 03 15
06 04	metal-containing wastes other than those mentioned in 06 03
06 04 03*	wastes containing arsenic
06 04 04*	wastes containing mercury
06 04 05*	wastes containing other heavy metals
06 05	sludges from on-site effluent treatment
06 05 02*	sludges from on-site effluent treatment containing hazardous substances

07 02 11*	sludges from on-site effluent treatment containing hazardous substances
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic
07 02 14*	wastes from additives containing hazardous substances
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 16*	waste containing hazardous silicones
07 02 17	waste containing silicones other than those mentioned in 07 02 16
07 03	wastes from the MFSU of organic dyes and pigments (except 06 11)
07 03 01*	aqueous washing liquids and mother liquors
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottoms and reaction residues
07 03 09*	halogenated filter cakes and spent absorbents
07 03 10*	other filter cakes and spent absorbents
07 03 11*	sludges from on-site effluent treatment containing hazardous substances
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
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 01*	aqueous washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
07 04 04*	other organic solvents, washing liquids and mother liquors
07 04 07*	halogenated still bottoms and reaction residues
07 04 08*	other still bottoms and reaction residues
07 04 09*	halogenated filter cakes and spent absorbents
07 04 10*	other filter cakes and spent absorbents
07 04 11*	sludges from on-site effluent treatment containing hazardous substances
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 04 13*	solid wastes containing hazardous substances
07 05	wastes from the MFSU of pharmaceuticals
07 05 01*	aqueous washing liquids and mother liquors
07 05 03*	organic halogenated solvents, washing liquids and mother liquors
07 05 04*	other organic solvents, washing liquids and mother liquors
07 05 07*	halogenated still bottoms and reaction residues
07 05 08*	other still bottoms and reaction residues
07 05 09*	halogenated filter cakes and spent absorbents
07 05 10*	other filter cakes and spent absorbents
07 05 11*	sludges from on-site effluent treatment containing hazardous substances
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 05 13*	solid wastes containing hazardous substances

08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 03	wastes from MFSU of printing inks
08 03 07	aqueous sludges containing ink
08 03 08	aqueous liquid waste containing ink
08 03 12*	waste ink containing hazardous substances
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 14*	ink sludges containing hazardous substances
08 03 15	ink sludges other than those mentioned in 08 03 14
08 03 16*	waste etching solutions
08 03 17*	waste printing toner containing hazardous substances
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 03 19*	disperse oil
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 11*	adhesive and sealant sludges containing organic solvents or other hazardous substances
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other hazardous substances
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
08 04 17*	rosin oil
08 05	wastes not otherwise specified in 08
08 05 01*	waste isocyanates
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
09 01 04*	fixer solutions
09 01 05*	bleach solutions and bleach fixer solutions
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
09 01 13*	aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06

10 07 04	other particulates and dust
10 07 05	sludges and filter cakes from gas treatment
10 07 07*	wastes from cooling-water treatment containing oil
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 08*	salt slag from primary and secondary production
10 08 12*	tar-containing wastes from anode manufacture
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 19*	wastes from cooling-water treatment containing oil
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 15*	waste crack-indicating agent containing hazardous substances
10 11	wastes from manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 09*	waste preparation mixture before thermal processing, containing hazardous substances
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 13*	glass-polishing and -grinding sludge containing hazardous substances
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 15*	solid wastes from flue-gas treatment containing hazardous substances
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 17*	sludges and filter cakes from flue-gas treatment containing hazardous substances
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 19*	solid wastes from on-site effluent treatment containing hazardous substances
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste preparation mixture before thermal processing
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 09*	solid wastes from gas treatment containing hazardous substances
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 11*	wastes from glazing containing heavy metals
10 12 12	wastes from glazing other than those mentioned in 10 12 11

12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 12*	spent waxes and fats
12 01 13	welding wastes
12 01 14*	machining sludges containing hazardous substances
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 16*	waste blasting material containing hazardous substances
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
12 01 20*	spent grinding bodies and grinding materials containing hazardous substances
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
12 03	wastes from water and steam degreasing processes (except 11)
12 03 02*	steam degreasing wastes
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 01*	Hydraulic oils, containing PCBs
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils
13 02	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
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01*	insulating or heat transmission oils containing PCBs
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation

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 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing hazardous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 21*	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22	components not otherwise specified
16 02	wastes from electrical and electronic equipment
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 03	off-specification batches and unused products
16 03 03*	inorganic wastes containing hazardous substances
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing hazardous substances
16 03 06	organic wastes other than those mentioned in 16 03 05
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 05 06*	laboratory chemicals, consisting of or containing hazardous substances, including mixtures of laboratory chemicals
16 05 07*	discarded inorganic chemicals consisting of or containing hazardous substances
16 05 08*	discarded organic chemicals consisting of or containing hazardous substances
16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 06 06*	separately collected electrolyte from batteries and accumulators

18 02 06	chemicals other than those mentioned in 18 02 05
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 06*	aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 01 10*	spent activated carbon from flue-gas treatment
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing hazardous substances
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing hazardous substances
19 02 09*	solid combustible wastes containing hazardous substances
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 02 11*	other wastes containing hazardous substances
19 03	stabilised/solidified wastes
19 03 04*	wastes marked as hazardous, partly stabilised other than 19 03 08
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 06*	wastes marked as hazardous, solidified
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	vitriified waste and wastes from vitrification
19 04 01	vitriified waste
19 04 02*	fly ash and other flue-gas treatment wastes
19 04 03*	non-vitriified solid phase
19 04 04	aqueous liquid wastes from vitriified waste tempering
19 08	wastes from waste water treatment plants not otherwise specified
19 08 01	screenings
19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
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
19 08 09	grease and oil mixture from oil/water separation containing only 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 13*	sludges containing hazardous substances from other treatment of industrial waste water
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 09	wastes from the preparation of water intended for human consumption or water for industrial use

The following conditions are amended as detailed, following an Environment Agency initiated variation

Table S1.1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S5.3 A(1)(a)(v): Recovering by distillation of any oil or organic solvent.	R2 - Operation of the kettle, reboiler heat exchanger, distillation column and vent condenser, feed and production tanks.	From receipt of material for processing, through the distillation and separation process to the transfer of separated materials to storage or disposal.
S5.1 A(1)(a): The incineration of hazardous waste in a waste incinerator plant or waste co-incineration plant with a capacity exceeding 10 tonnes per day.	D10 - Production of steam, for use in distillation processes, in one boiler with rated thermal input of 3.6 MW (boiler 3). Incineration of off gases from recovery plant secondary condenser in Boiler 3.	Co-incineration of waste, from the evaluation and receipt of waste fuel, through to storage, on-site pre-treatment facilities, waste systems, fuel systems, air supply systems, boiler, stack devices and systems for controlling incineration operations, recording and monitoring incineration conditions.
S5.3 A(1)(a)(iii): Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving blending or mixing prior to submission to any of the other activities listed in this section or in section 5.1.	R3 - Formulation of Secondary Liquid Fuel by blending process residues with waste materials.	From receipt of waste materials, process residues and additives, through blending and despatch of product.
S4.1 A(1)(a)(ii): Production of organic compounds containing oxygen.	Preparation of methyl acetate from waste acetic acid and methanol.	From the evaluation, receipt and storage of raw materials, catalysts and waste acetic acid, through to formulation of the methyl acetate, distillation of the methyl acetate, methanol, and water, and recovery of the catalyst, neutralisation of residues. Also the storage of the methyl acetate and sodium acetate prior to their blending into the appropriate activity above. This activity will only take place with the raw materials mentioned in the application. This activity will only take place with the waste materials mentioned in Table 2.1.2a.
S5.6 A(1)(a) – Temporary Storage of hazardous waste with a total capacity >50 tonnes pending a 5.1, 5.2, 5.3 activity.	D15 - Storage of wastes prior to treatment or transfer off site.	From the evaluation, receipt and storage of waste materials. This activity will only take place within Compound F and the building known as Waste Transfer Building and the maximum stored shall be no more than those mentioned in Table 2.1.2b/c unless otherwise agreed in writing with the Agency. This activity will only take place with the waste materials mentioned in Table 2.1.2b/c. The maximum size of container accepted on the site will be a 1000l or 1 tonne IBC whichever is the greater.

Table S1.1.1 activities	
D15: Storage prior to disposal or transfer off site of Non-hazardous Waste.	From the evaluation, receipt, bulking up of same wastes, and storage of waste materials.
D13 Bulking up	This activity will only take place within Compound F and the building known as Waste Transfer Building and the maximum stored shall be no more that those mentioned in Table 2.1.2b/c unless otherwise agreed in writing with the Agency.
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)	This activity will only take place with the waste materials mentioned in Table 2.1.2b/c. The maximum size of container accepted on the site will be a 1000l or 1 tonne IBC whichever is the greater.