

The Tecpro Building,  
Clonsaugh Business & Technology Park,  
Dublin 17, Ireland.

T: + 353 1 847 4220  
F: + 353 1 847 4257  
E: info@awnconsulting.com  
W: www.awnconsulting.com

**RH/14/8133WML15**  
**31 January 2018**

**Administration,  
Environmental Licensing Programme,  
Office of Environmental Sustainability,  
Environmental Protection Agency,  
Headquarters,  
PO Box 3000,  
Johnstown Castle Estate,  
Co. Wexford.**

Dear Ewa,

**RE: Article 12 Compliance Request (January 2018) for a Waste Licence Application for Harp Refrigerants Ltd., Unit 2, Whitestown Industrial Estate, Whitestown Road, Tallaght, Dublin 24 (Reg. No.: W0297-01)**

Please find enclosed response to an Article 12 Compliance Request in respect of Waste Licence Application W0297-01 further to your letter dated 11 January 2018.

The following documents are enclosed:

- 1 no. original of the Article 12 Compliance Request Response in hardcopy format;
- 1 no. copy of the Article 12 Compliance Request Response in hardcopy format; and
- 2 no. CD ROMs containing electronic copies of the documents in the required format.

The responses to the Article 12 Compliance Request are as follows:

- 1. Describe the gas reclamation process in a proposed reclaim plant. Include a diagram showing the process.**

An infrared gas analyser will be used to identify the refrigerant type in a drum and determine if the contents are suitable for reclamation. Once a suitable drum has been identified, it will be connected to the refrigerant reclaim plant (also referred to as RDA plant).

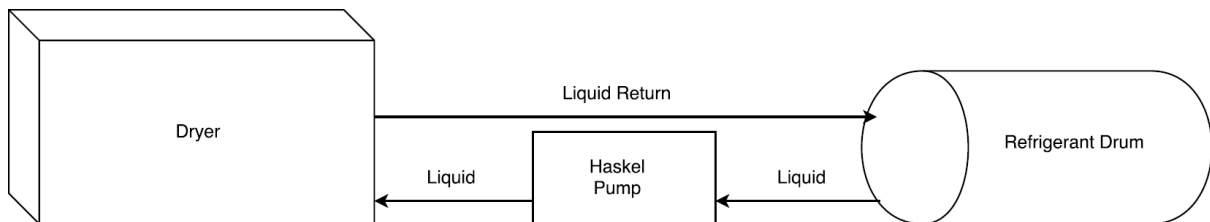
**Cork Office**  
Unit 5, ATS Building,  
Carrigaline Industrial Estate,  
Carrigaline, Co. Cork.  
T: + 353 21 438 7400  
F: + 353 21 483 4606

AWN Consulting Limited  
Registered in Ireland No. 319812  
Directors: F Callaghan, C Dilworth,  
T Donnelly, T Hayes, D Kelly, E Porter

The gas is released from the drum into the reclaim plant and passes through an oil separator to remove all the residual oil. This residual oil is a waste material from the process and is collected in a container within the reclaim plant. It will typically be drained typically once a month into a suitable drum and transferred to the waste refrigerant oil storage tank.

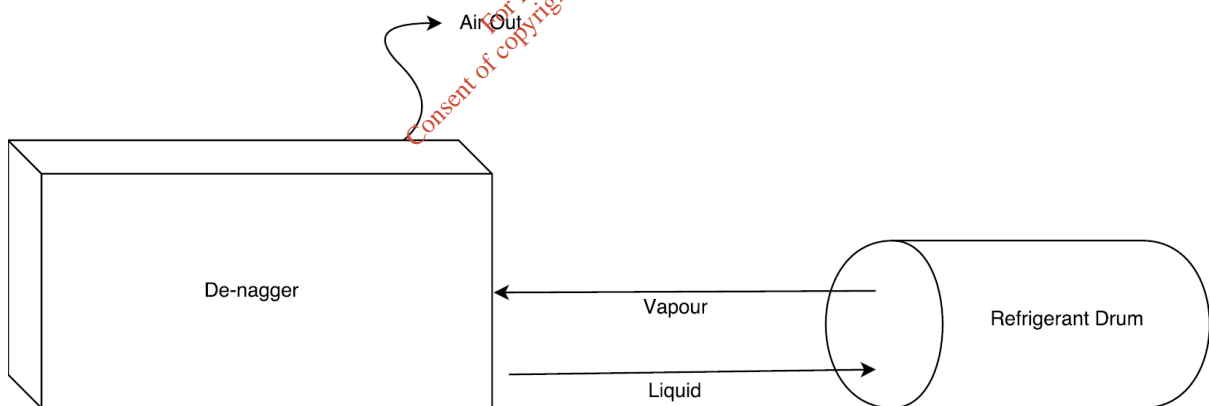
The processed refrigerant will then be discharged into a clean receiver drum. The refrigerant is then re-sampled and the level of moisture and non-condensable gasses recorded. The reclaim unit flow operation flow diagram and engineering schematic are included in Appendix A.

Once this process is complete, the refrigerant will be pumped (in its liquid phase) through a molecular sieve dryer (Figure 1) to remove moisture and back into the same drum in a closed loop process until it meets the desired specification.



**Figure 1** Simplified drying process

The next process is to remove the non-condensable gases using the de-nagger equipment (also referred to as Cogal Belgium Purger) (Figure 2). The refrigerant vapour from the receiver drum will be drawn into the de-nagger and processed by a patented, industry leading cooling method that allows condensable refrigerant (in its liquid form) to be pumped back into the drum whilst non-condensable inert gas containing oxygen and nitrogen only is vented off to atmosphere.



**Figure 2** Simplified inert gas removal process

The de-nagger is pre-programmed to remove the inert oxygen and nitrogen gases until a set point is reached and then it then shuts down. The refrigerant gas is then re-sampled and, if on grade and in composition, the process will be complete.

A modified version of the flowchart presented in Attachment D.2 of the Waste Licence Application has been included as Appendix B.

- 2. Attachment E.1 states that the distillation and drying process in the reclaim plant will remove air contamination from the refrigerant and that “this air” will be vented to atmosphere. Please state in clear terms what gas or “air” will be vented. Describe the nature and characteristics of this emission to air by completing Tables E.1(ii) to E.1(iv) of the application form. Please propose also monitoring requirements for this emission point and the relevant abatement.**

As described in (1) above, refrigerant vapour from the receiver drum is drawn into the de-nagger (Cogal Belgium Purger) and processed by a patented, industry leading cooling method that allows condensable refrigerant (in its liquid form) to be pumped back into the drum whilst non-condensable inert gas containing oxygen and nitrogen only is vented off to atmosphere.

The Cogal Belgium Purger is the recognised industry method for removing non-condensable gases from refrigerant during manufacture and reclamation. Non-condensable gases are air (oxygen and nitrogen) which are present in the headspace of a cylinder, drum or tank causing an increase in pressure. The sales specification for virgin refrigerant is <1.5%v/v of air. Reclaimed refrigerant generally has an increased non-condensable gas component and therefore needs to be reduced by the use of the de-nagger.

The de-nagger is pre-programmed to remove the inert oxygen and nitrogen gases until a set point is reached and then it then shuts down. The refrigerant gas is then re-sampled and, if on grade and in composition, the process will be complete.

The Environmental Permit issued by Natural Resources Wales for the use of the reclaim system at Harp International UK does not contain any emissions limits or associated monitoring requirements for the air.

This vented air is not a main emission point, therefore Table E.1(ii) and Table E.1(iii) are not applicable. Table E.1(iv) has been updated to include the vented air and is included as Appendix C.

It is not proposed to provide monitoring as this emission is comprised of oxygen and nitrogen only. As described above, the refrigerant gas is recirculated through the de-nagger until the oxygen and nitrogen content in the refrigerant reaches the permissible level. The de-nagger will be regularly maintained and calibrated to ensure its efficient and effective operation. The commissioning phase of the reclamation equipment will include sampling and analysis to confirm that only oxygen and nitrogen are being removed by the de-nagger.

There is no abatement required as the vented emission only contains air (i.e. oxygen and nitrogen).

- 3. Attachment C.3 refers to construction and development works. Describe and provide a timeframe for completion of these works.**

Construction and development works referred to in Attachment C.3 include minor roof maintenance works which are currently ongoing. These works include repairing and replacing some of the roof sheeting on the warehouse building.

Upon receipt of the Waste Licence, Harp will need to carry out minor electrical works internally and create a small opening in the wall of the warehouse building to air emission to vent to atmosphere. These works will not be carried out until after the Waste Licence is granted and the mobile plant has been delivered to the facility so it is not currently possible to advise on a timeframe for completion of these works. It is anticipated that the duration for completion of these works may be 1 – 2 weeks.

This is the extent of construction works required.

### Storm and Foul Water Drainage

Further to the information provided under Attachment D Infrastructure and Operation – D.1 (k) *Sewerage and surface water drainage infrastructure*, we have obtained details of the Whitestown Industrial Estate drainage infrastructure from South Dublin County Council (SDCC) Water Services Department.

The surface water drainage from the Harp site discharges into a 225mm Ø underground pipe (of unknown material) at the north-east corner of the site. From here, the municipal storm drain flows into a 1050mm Ø concrete pipe which travels underground towards the south-east and discharges into the Whitestown Stream immediately upstream of the bridge at Whitestown Way.

The foul water drainage from the Harp site discharges into a 225mm Ø underground pipe (of unknown material) at the north-east corner of the site. From here, the municipal foul drain flows into a 450mm Ø concrete pipe which travels in a south-easterly direction. The SDCC water services dept. have confirmed that this foul sewer discharges to the Waste Water Treatment Plan in Ringsend.

Drawings showing the surface water and foul drainage as received from SDCC (on 18 January 2018) are provided in Appendix D.

### Management of the Facility

As an update to the management of Harp Refrigerants Ltd., Mr. Bryan J. Davies has been replaced by Mr. Walid Zerguine as the Managing Director of Harp Refrigerants Ltd.

The organisational chart provided in Attachment C.1 of the Waste Licence Application has been updated and is included in Appendix E.

### Certificate of Registration

In addition, please find enclosed the current Certificate of Registration (COR) in place at the facility (COR-DS-15-0003-04) issued by SDCC on 5 February 2016 (Appendix F).

We hereby confirm that the content of the electronic files on the accompanying CD ROMs is a true copy of the information provided in hardcopy format.

Please feel free to contact the undersigned should you wish to discuss.

Yours faithfully,



**ROBERT HUNT**  
Senior Environmental Consultant



**FERGAL CALLAGHAN**  
Director

cc. Mr. Noel Williams, Facility Manager – Harp Refrigerants Ltd.

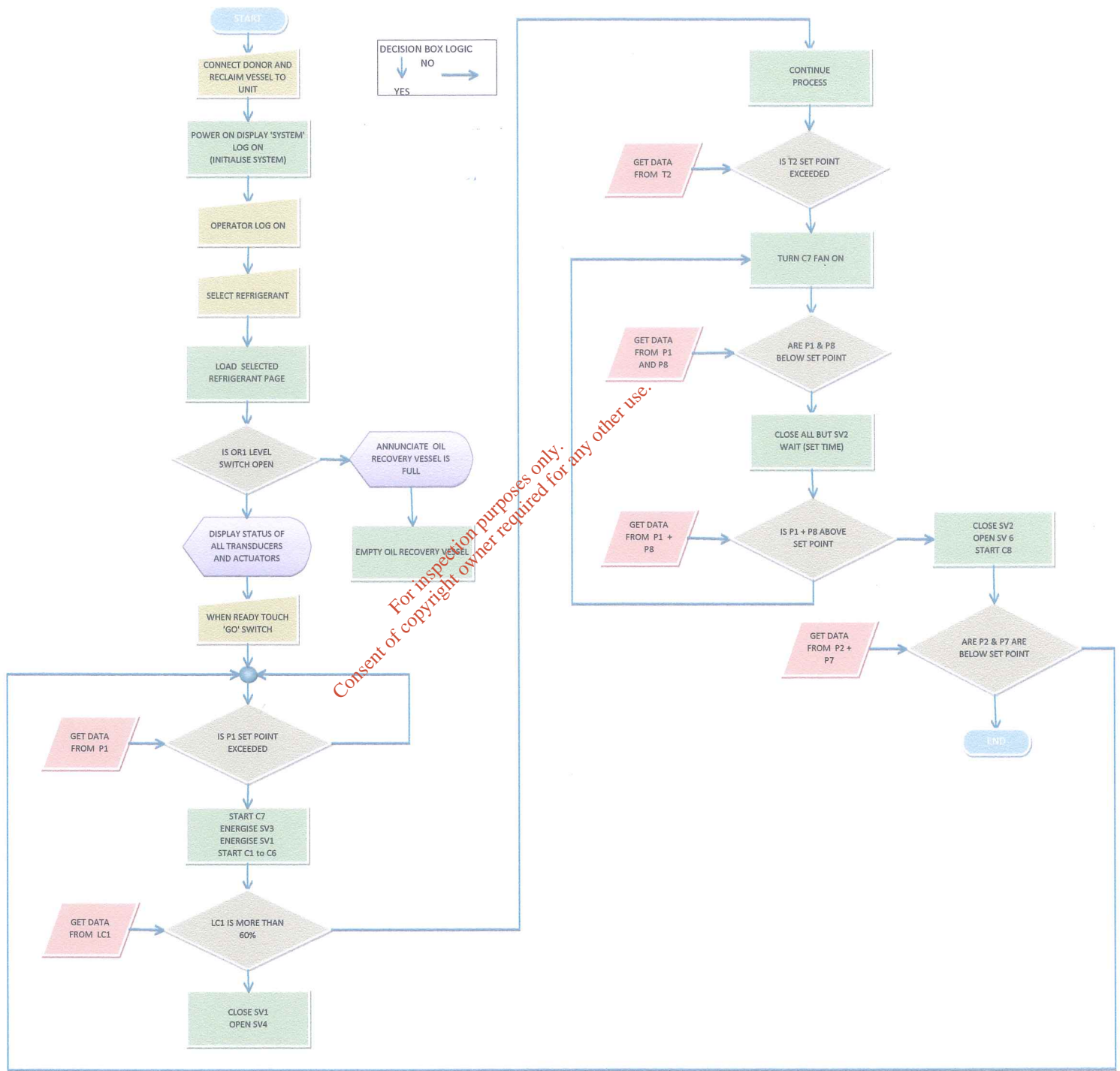
encl. Appendix A – Reclaim unit flow operation flow diagram and engineering schematic  
Appendix B – Flow diagram of reclamation process  
Appendix C – Waste Licence Application – Table E.1(iv)  
Appendix D – Surface and foul water drainage layout in Whitestown Industrial Estate as received from South Dublin County Council  
Appendix E – Revised Harp Refrigerants Ltd. Organisational Chart  
Appendix F – Current Certificate of Registration issued by SDCC (COR-DS-0003-04)

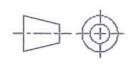
Consent document for use only. No other use.

## Appendix A – Reclaim unit flow operation flow diagram and engineering schematic

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

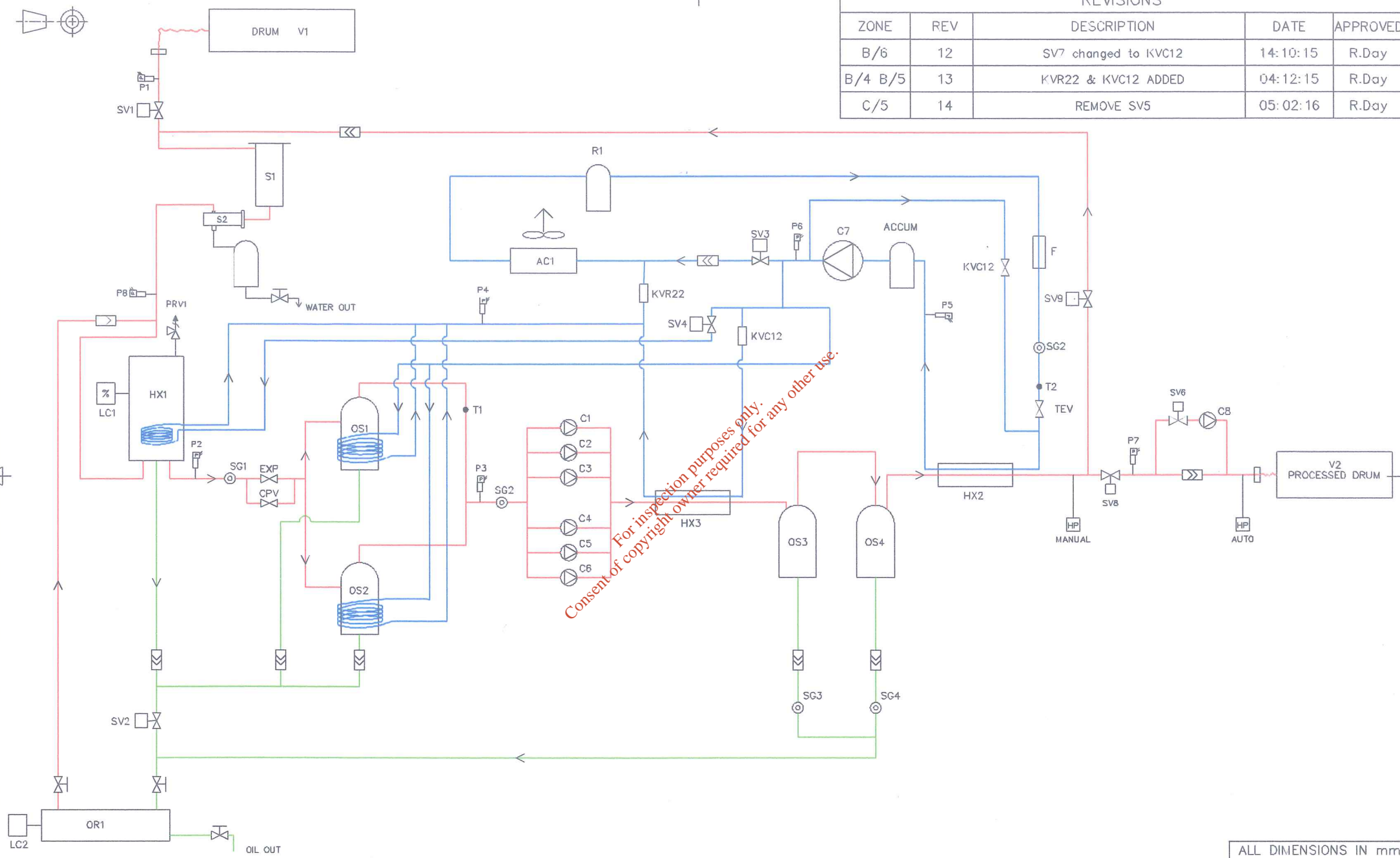
RECLAIM UNIT LOGIC FLOW DIAGRAM





### REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
B/6	12	SV7 changed to KVC12	14:10:15	R.Day
B/4 B/5	13	KVR22 & KVC12 ADDED	04:12:15	R.Day
C/5	14	REMOVE SV5	05:02:16	R.Day



© 2015

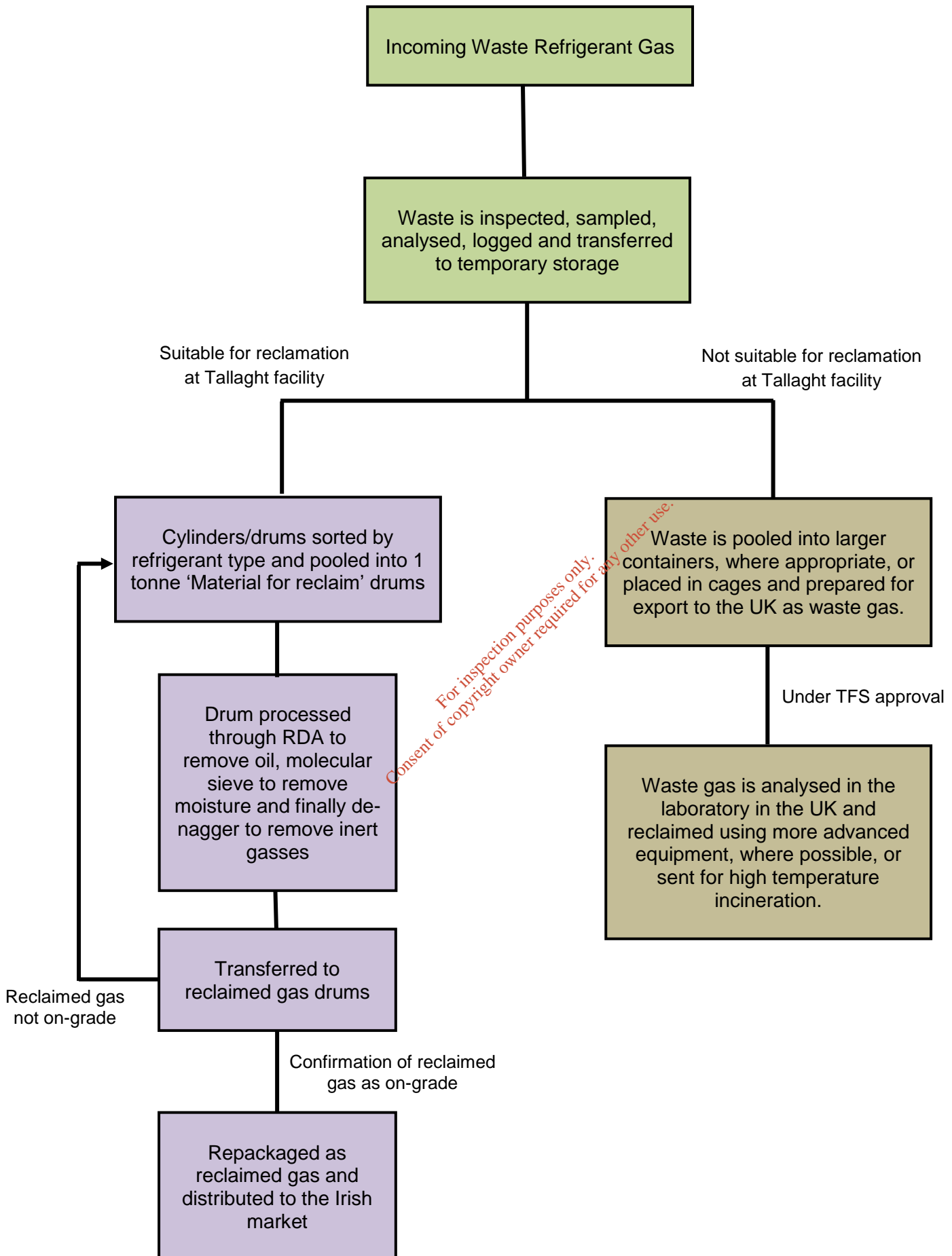
ALL DIMENSIONS IN mm

Designed by: R.DAY	Drawn by: R.D.NICHOLLS	Filename: X3706-01-14	Scale: N.T.S.	Date: 03:06:14
Title: OIL SEPARATION SCHEMATIC		Material:		
Drawing Number: X3706-01-14		Tolerance: GENERAL TOLERANCE ± 0.2mm HOLE DIAMETERS ± 0.1mm		



## Appendix B – Flow diagram of reclamation process

*For inspection purposes only.  
Consent of copyright owner required for any other use.*



## Appendix C – Waste Licence Application – Table E.1(iv)

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**TABLE E.1(iv): EMISSIONS TO ATMOSPHERE - Minor /Fugitive**

Emission point Reference Numbers	Description	Emission details <sup>1</sup>				Abatement system employed
		material	mg/Nm <sup>3(2)</sup>	kg/h.	kg/year	
A1-1	Vented air (oxygen and nitrogen)	-	-	-	-	No abatement required.

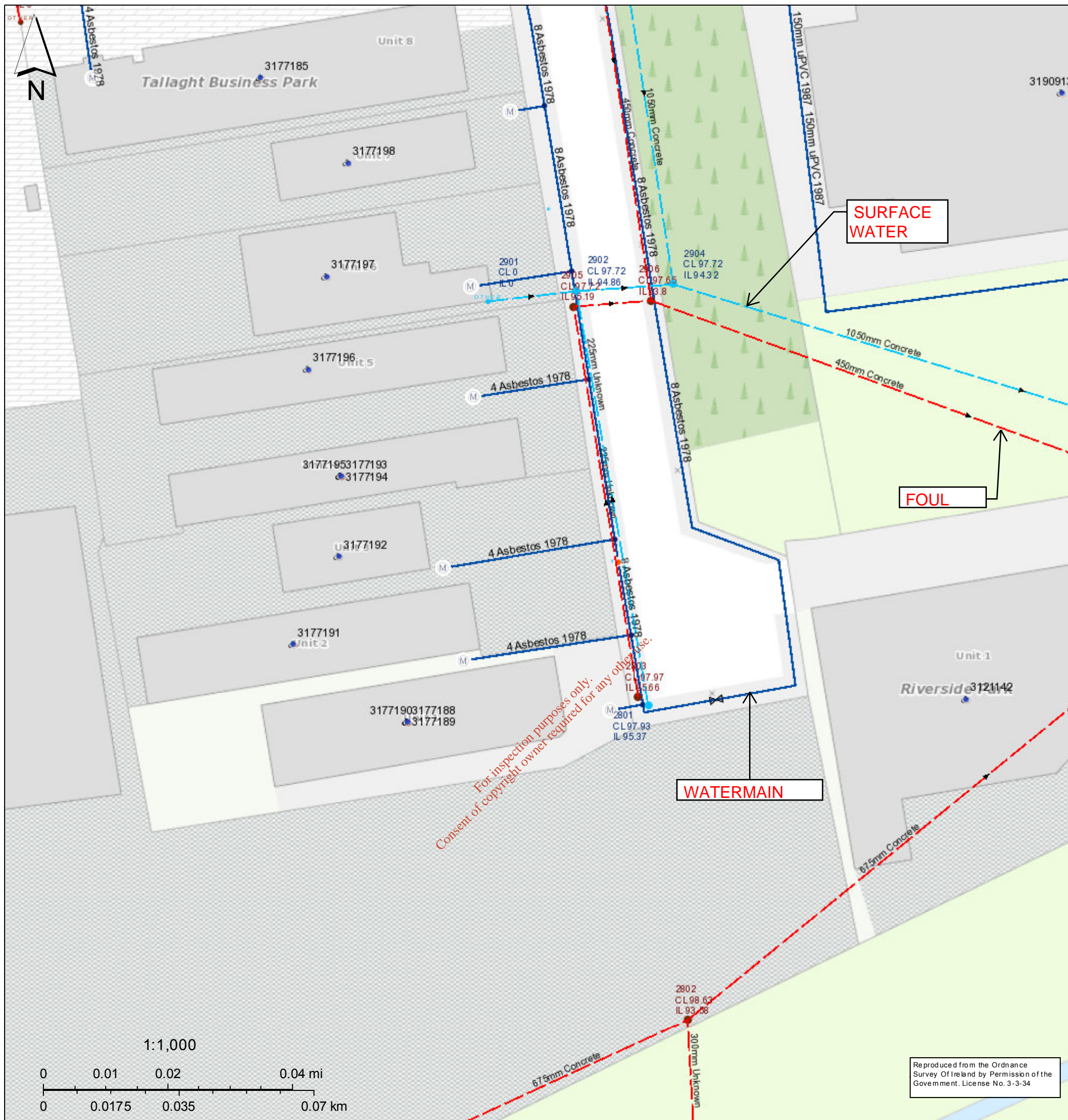
For inspection purposes only.  
Consent of copyright owner required for any other use.

- 1 The maximum emission should be stated for each material emitted, the concentration should be based on the maximum 30 minute mean.
- 2 Concentrations should be based on Normal conditions of temperature and pressure, (i.e. 0°C/101.3kPa). Wet/dry should be clearly stated. Include reference oxygen conditions for combustion sources.

**Appendix D – Surface and foul water drainage layout in Whitestown Industrial Estate  
as received from South Dublin County Council**

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

# Irish Water Webmap



1/17/2018 9:10:46 AM

© Ordnance Survey Ireland | © Ordnance Survey Ireland |

## Legend

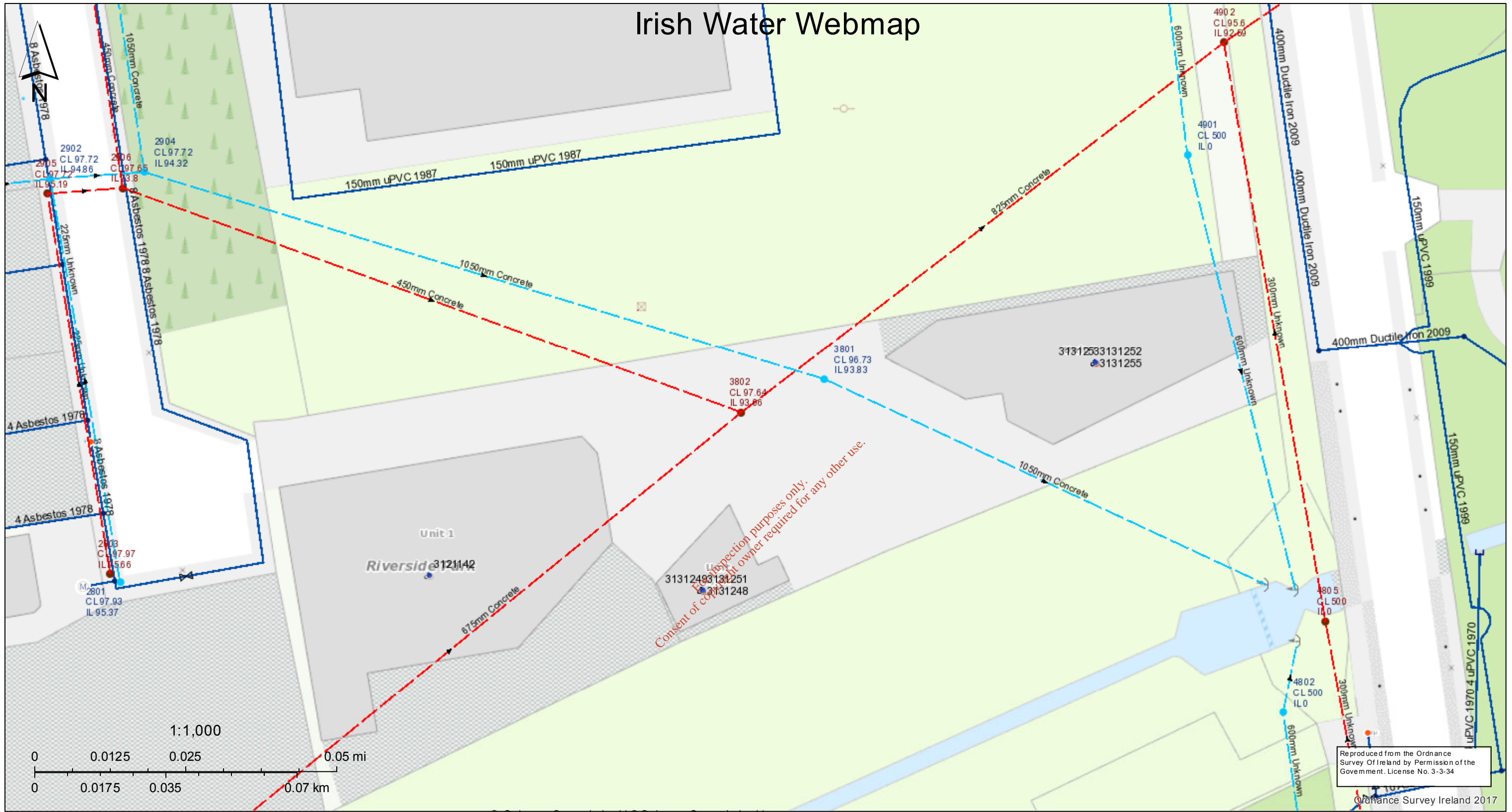
<b>Stormwater Gravity Mains (Irish Water Owned)</b>		<b>Storm Fittings</b>		<b>Sewer Gravity Mains (Non-Irish Water owned)</b>	
— Surface	— Vent/Col	— Combined	— Other; Unknown	— Foul	— Overflow
<b>Stormwater Gravity Mains (Non-Irish Water Owned)</b>		<b>Storm Discharge Points</b>		<b>Sewer Gravity Mains (Irish Water owned)</b>	
— Surface	— Outfall	— Combined	— Overflow	— Foul	— Overflow
<b>Storm Manholes</b>		— Soakaway	— Other; Unknown	— Unknown	— Unknown
— Cascade	— Storm Clean Outs	<b>Sewer Pressurized Mains (Irish Water owned)</b>		<b>Sewer Pressurized Mains (Non-Irish Water owned)</b>	
— Catchpit	— Other; Unknown	— Combined	— Foul	— Foul	— Overflow
— Hatchbox	— Storm Culverts	— Foul	— Overflow	— Unknown	— Unknown
— Lamphole	— Storm Clean Outs	<b>Sewer Gravity Mains (Irish Water owned)</b>		<b>Sewer Pressurized Mains (Non-Irish Water owned)</b>	
— Standard	— Storm Clean Outs	— Combined	— Foul	— Foul	— Overflow
— Other; Unknown	— Storm Clean Outs	— Foul	— Overflow	— Unknown	— Unknown
<b>Storm Inlets</b>		— Unknown	— Unknown	— Unknown	— Unknown
— Gully	— Combined	— Combined	— Foul	— Foul	— Overflow
— Standard	— Foul	— Foul	— Overflow	— Unknown	— Unknown
— Other; Unknown	— Overflow	— Unknown	— Unknown	— Unknown	— Unknown
	— Unknown	— Unknown	— Unknown	— Unknown	— Unknown

Irish Water gives this information as to the position of its underground network as a general guide only on the strict understanding that it is based on the best available information provided by each Local Authority in Ireland. It should not be relied upon in the event of excavations or other works being carried out in the vicinity of the network. The onus is on the parties carrying out the works to ensure the exact location of the network is identified prior to mechanical works being carried out. Service pipes are not generally shown but their presence should be anticipated.

"Gas Networks Ireland (GNI), their affiliates and assigns, accept no responsibility for any information contained in this document concerning location and technical designation of the gas distribution and transmission network ("the Information"). Any representations and warranties express or implied, are excluded to the fullest extent permitted by law. No liability shall be accepted for any loss or damage including, without limitation, direct, indirect, special, incidental, punitive or consequential loss including loss of profits, arising out of or in connection with the use of the Information (including maps or mapping data). NOTE: DIAL BEFORE YOU DIG Phone 1850 427 747 or e-mail dig@gasnetworks.ie - The actual position of the gas/electricity distribution and transmission network must be verified on site before any mechanical excavating takes place. If any mechanical excavation is proposed, hard copy maps must be requested from GNI re gas. All work in the vicinity of the gas distribution and transmission network must be completed in accordance with the current edition of the Health & Safety Authority publication, 'Code of Practice For Avoiding Danger From Underground Services' which is available from the Health and Safety Authority (1890 28 93 89) or can be downloaded free of charge at www.hsa.ie."



# Irish Water Webmap



1/17/2018 2:43:13 PM

Stormwater Gravity Mains (Irish Water Owned)		Storm Fittings		Sewer Gravity Mains (Non-Irish Water owned)	
Surface	Lamphole	Vent/Col	Storm Culverts	Combined	Foul
Standard	Standard	Other; Unknown	Storm Clean Outs	Overflow	Unknown
Stormwater Gravity Mains (Non-Irish Water Owned)		Storm Discharge Points		Sewer Gravity Mains (Irish Water owned)	
Surface	Other; Unknown	Combined	Combined	Foul	Overflow
Storm Manholes		Storm Inlets		Sewer Gravity Mains (Irish Water owned)	
Cascade	Gully	Outfall	Foul	Overflow	Unknown
Catchpit	Standard	Overflow	Overflow	Overflow	Unknown
Hatchbox	Other; Unknown	Soakaway	Unknown	Unknown	Unknown
	Other; Unknown	Other; Unknown			

Irish Water gives this information as to the position of its underground network as a general guide only on the strict understanding that it is based on the best available information provided by each Local Authority in Ireland. It should not be relied upon in the event of excavations or other works being carried out in the vicinity of the network. The onus is on the parties carrying out the works to ensure the exact location of the network is identified prior to mechanical works being carried out. Service pipes are not generally shown but their presence should be anticipated. © Irish Water



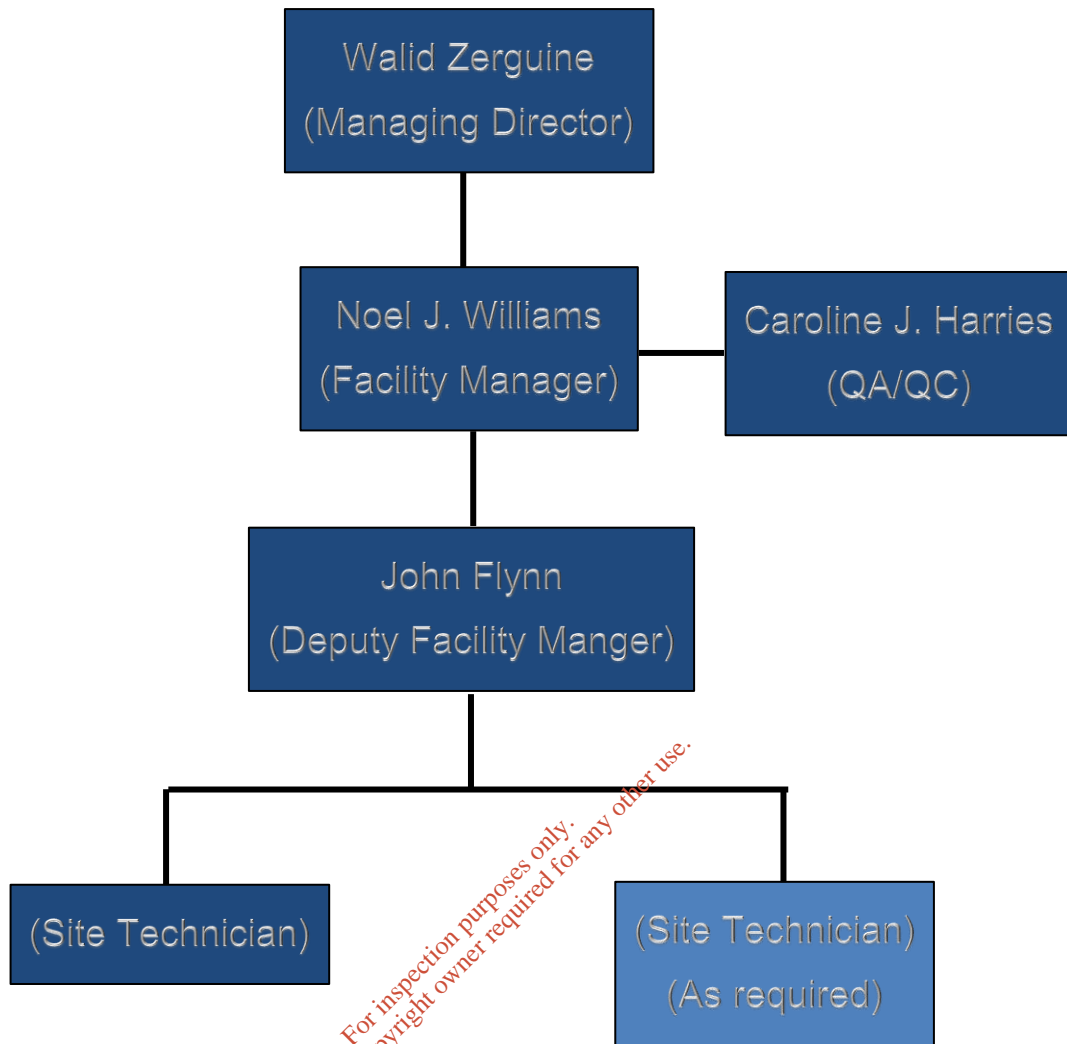
"Gas Networks Ireland (GNI), their affiliates and assigns, accept no responsibility for any information contained in this document concerning location and technical designation of the gas distribution and transmission network ("the Information"). Any representations and warranties express or implied, are excluded to the fullest extent permitted by law. No liability shall be accepted for any loss or damage including, without limitation, direct, indirect, special, incidental, punitive or consequential loss including loss of profits, arising out of or in connection with the use of the Information (including maps or mapping data). NOTE: DIAL BEFORE YOU DIG Phone 1850 427 747 or e-mail dig@gasnetworks.ie - The actual position of the gas/electricity distribution and transmission network must be verified on site before any mechanical excavating takes place. If any mechanical excavation is proposed, hard copy maps must be requested from GNI re gas. All work in the vicinity of the gas distribution and transmission network must be completed in accordance with the current edition of the Health & Safety Authority publication, 'Code of Practice For Avoiding Danger From Underground Services' which is available from the Health and Safety Authority (1890 28 93 89) or can be downloaded free of charge at www.hsa.ie."

EPA Export 17-02-2018:03:29:36

## Appendix E – Revised Harp Refrigerants Ltd. Organisational Chart

*For inspection purposes only.  
Consent of copyright owner required for any other use.*





*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Appendix F – Current Certificate of Registration issued by SDCC (COR-DS-0003-04)**

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

# South Dublin County Council



## Environment, Water & Climate Change

### Waste Management Act, 1996, as amended Waste Management (Facility Permit & Registration) Regulations, 2007, as amended

**COR-DS-15-0003-04**

**Applicant:** Harp Refrigerants Limited

**Address:** First Floor,  
Wilton Park House,  
Wilton Place,  
Dublin 2.

**Location of Facility:** Unit 2,  
Whitestown Industrial Estate,  
Tallaght,  
Dublin 24.

**Activity:** Temporary Storage of deposits of  
reclaimed waste refrigerants

**Valid:** 5<sup>th</sup> February 2016 – 2<sup>nd</sup> November 2020

For inspection purposes only.  
Consent of copyright owner required for any other use.

## GENERAL

South Dublin County Council has granted a Certificate of Registration, **register reference number COR-DS-15-0003-04** to;

**Harp Refrigerants Limited** Herein after called the registration holder.

Of:

<b>Address:</b>	<b>First Floor</b>
	<b>Wilton Park House</b>
	<b>Wilton Place</b>
	<b>Dublin 2</b>

Operating a facility at:

<b>Address:</b>	<b>Unit 2</b>
	<b>Whitestown Industrial Estate</b>
	<b>Tallaght</b>
	<b>Dublin 24</b>

Issued on:

<b>Date:</b>	<b>5th February 2016</b>
--------------	--------------------------

Expires on:

<b>Date:</b>	<b>2<sup>nd</sup> November 2020</b>
--------------	-------------------------------------

**Subject to the attached schedule of conditions.**

## Part II Registration Activities

In pursuance of the powers conferred on it by the Waste Management Acts 1996, as amended, and the Waste Management (Facility Permit and Registration) Regulations 2007, as amended, South Dublin County Council under Article 37 of the Regulations hereby grants this Certificate Of Registration to **Harp Refrigerants Limited**, to operate a facility at **Unit 2, Whitestown Industrial Estate, Tallaght, Dublin 24**, for the temporary storage of deposits of reclaimed waste refrigerants.

### Registered Activity in accordance with the Fourth Schedule, Waste Recovery Activities of the Waste Management Act 1996, as amended.

Class	Description
Class 13	Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)".

### Registered Activity in accordance with the Third Schedule, Part II of the Waste Management (Facility Permit and Registration) Regulations 2007, as amended.

Class	Description
Class 14	<p>The reception and temporary storage of-</p> <ul style="list-style-type: none"> <li>(a) waste, returned or recovered refrigerant gases in refrigerant containers, or</li> <li>(b) waste, returned or recovered halons in halon containers, or</li> <li>(c) waste, returned or recovered fluorinated greenhouse gases in fluorinated greenhouse gas containers,</li> </ul> <p>pending collection or onward transport prior to submission pending onward submission to recycling, reclamation or destruction in accordance with the relevant legislative requirements for the specific type of refrigerant gas, halon or fluorinated greenhouse gas, where recovery has the meaning assigned to it under the Regulation (EC) No. 2037/2000 and Regulation (EC) No. 842/2006, and where the total quantity stored at any one time on a premises does not exceed 18 tonnes.</p>

## Interpretation

All terms in this certificate of registration should be interpreted in accordance with the definitions in the Waste Management Act 1996, as amended (the Act), and its associated regulations.

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

<b>CONTENTS INDEX</b>	<b>PAGE</b>
<b>GENERAL DETAILS</b>	<b>2</b>
<b>CONDITION 1: SCOPE</b>	<b>6</b>
<b>CONDITION 2: MANAGEMENT OF THE FACILITY</b>	<b>8</b>
<b>CONDITION 3: RECORD KEEPING AND REPORTING</b>	<b>11</b>
<b>CONDITION 4: WASTE HANDLING</b>	<b>14</b>
<b>CONDITION 5: ENVIRONMENTAL PROTECTION AND EMISSIONS</b>	<b>17</b>
<b>CONDITION 6: ENVIRONMENTAL MONITORING</b>	<b>20</b>
<b>CONDITION 7: SITE INFRASTRUCTURE</b>	<b>21</b>
<b>CONDITION 8: ACCIDENT PREVENTION &amp; EMERGENCY RESPONSE</b>	<b>23</b>
<b>CONDITION 9: CHARGES AND FINANCIAL PROVISIONS</b>	<b>24</b>
<b>CONDITION 10: RESTORATION AND AFTERCARE</b>	<b>26</b>

## **APPENDICES**

1. **APPENDIX 1: CONDITION 1.3 NON COMPLIANCE OF REGISTRATION CONDITION**
2. **APPENDIX 2: CONDITION 2.2 REGISTER OF EMPLOYEE RECEIPT OF WASTE MANAGEMENT REGISTRATION, CONDITION 2.5.4 REGISTER OF EMPLOYEE TRAINING**
3. **APPENDIX 3: CONDITION 3.5 REGISTER OF INCOMING AND OUTGOING WASTE**
4. **APPENDIX 4: CONDITION 3.4 REGISTER OF INCIDENT WHICH HAS POTENTIAL TO CAUSE ENVIRONMENTAL POLLUTION**
5. **APPENDIX 5: CONDITION 3.7 REGISTER OF COMPLAINTS**
6. **APPENDIX 6: LIST OF CONDITIONS SUBJECT TO TIMEFRAMES**

## CONDITION 1: SCOPE

- 1.1 This Certificate of Registration is for the purpose of waste activity authorisation under the Waste Management (Facility Permit & Registration) Regulations 2007, as amended, only, and nothing in this certificate of registration shall be construed as negating the registration holder's statutory obligations, or requirements under any other enactments or regulations.
- 1.2 This Certificate of Registration is granted to **Harp Refrigerants Limited** for the operation of a facility for the temporary storage of deposits of reclaimed waste refrigerants. The Certificate of Registration shall only be transferable in accordance with the Waste Management (Facility Permit and Registration) Regulations 2007, as amended. The waste activities certified are listed and described in '*Part II Registration Activities*'.
- 1.3 This Certificate of Registration is granted for a period from **5th February 2016 to 2nd November 2020**. South Dublin County Council may at any time review, and subsequently amend conditions of, or revoke this certificate of registration.
- 1.4 For the purposes of this facility Certificate of Registration, the facility authorised is the area of land outlined on the "*Site Location Map with Redline Boundary*" drawing included with the application. Any reference in this certification of registration to a "facility" shall mean the area thus outlined. The authorised activity shall be carried on only within the area outlined.
- 1.5 The registration holder shall take all necessary measures to ensure compliance with all legal obligations pertaining to the carrying on of the activity at the facility.
- 1.6 The registration holder shall notify South Dublin County Council in writing of any proposed changes in the information furnished in the application and shall obtain written approval from South Dublin County Council prior to these changes occurring/taking effect.
- 1.7 The registration holder shall comply fully with the requirements of the Waste Management Act 1996, as amended, Local Government (Planning and Development) Acts, the Water Pollution Acts and the Litter Pollution Act, and all relevant legislation.
- 1.8 The registration holder shall notify South Dublin County Council, within 5 working days of the imposition of any requirement on the registration holder by Court Order under the Waste Management Act 1996, as amended, or any Regulations made thereunder.
- 1.9 The registration holder shall notify South Dublin County Council, within 5 working days of any conviction of the registration holder for an offence prescribed under the Waste Management Act 1996, as amended, or any Regulations made thereunder.
- 1.10 Any non-compliance with any condition of this Certificate of Registration will be deemed as being contrary to Section 39 (6)(b) of the Waste Management Act 1996, as amended, and may result in revocation of the Certificate of Registration or prosecution under Section 39 (9) of the aforementioned Act.
- 1.11 The registration holder shall fully comply with the Control of Substances that Deplete the Ozone Layer Regulations 2011 (S.I. No. 465 of 2011) and any amendment regulations thereafter.



1.12 South Dublin County Council shall be notified **within 14 days** of the occurrence of the following matters except where such disclosure is prohibited by Stock Exchange rules;

(a) Where the operator is a registered company:

(i) any change in the operator's trading name, registered name or registered office address

(ii) 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, and

(iii) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up

(b) In any other case:

(i) the death of any of the named operators, and

(ii) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

1.13 Where the local authority considers that a non-compliance with the conditions of this registration has occurred the registration holder shall on receipt of a notice from the local authority, cease operations at the facility within the time specified on the notice and the registration shall be suspended from the date specified in the notice until such suspension is lifted by the local authority. This condition shall apply save when Condition No.1.3 is invoked. A notice under this condition shall be sent by registered post to the registration holder at its registered office. If a notice sent by registered post is returned undelivered, the Local Authority may serve the notice by alternative means as prescribed in *Section 16 of the Waste Management Act 1996, as amended*.

When the Notice has been complied with the registration holder shall provide written confirmation to the local authority that the requirements of the notice have been carried out. No waste activities shall take place at the facility until written confirmation is received from the local authority that the notice is withdrawn.

## CONDITION 2: MANAGEMENT OF THE FACILITY

- 2.1 The hours of operation of the facility shall be between **08:00 to 18:00, Monday to Friday and from between 08:00 to 14:00 on Saturday**. The facility is closed on Sundays, bank holidays and public holidays. No waste shall be processed outside these hours, unless otherwise agreed **in writing** with South Dublin County Council.
- 2.2 The registration holder shall employ and appoint a suitably qualified and experienced Facility Manager and Deputy Facility Manager, who will be designated as the persons in charge of operation of the facility. One of the said individuals shall be present at all times during the operation of the facility. The Facility Manager and Deputy Facility Manager shall successfully complete a 'Facility Management' training programme, as agreed by the Local Authority. The registration holder is to notify the following to the local authority in writing within **one month** of grant of registration:
- 2.2.1 The name of the Facility Manager and Deputy Facility Manager nominated by the registration holder who have responsibility for the implementation of the conditions of this registration.
- 2.2.2 The name, address and telephone number of the Facility Manager and Deputy Facility Manager nominated by the registration holder to provide 24 hour call out in the event of an emergency.
- 2.2.3 Confirmation of acceptance of all the conditions attached to the registration.
- 2.3 The registration holder shall ensure that a copy of this registration shall be kept at the facility at all times. A copy of this registration shall be provided by the registration holder to all relevant personnel whose duties relate to any condition within it. The registration holder shall ensure that a copy of the facility layout plan, as submitted with the application, is retained at the facility, in an easily accessible location, at all times. The facility layout plan shall include the following:
- i. Facility boundary in red,
  - ii. Detailed colour coded surface water and foul water drainage system,
  - iii. Waste acceptance and storage location
  - iv. Location of all monitoring and sampling points
  - v. Orientation of north point, and
  - vi. Dimensions (meters).

The plan shall include all updates to the above particulars and the local authority shall be notified in writing of the details of all updates.

- 2.4 The registration holder shall acquaint all staff, employees, lease holders and agents, including replacement personnel and contract personnel, of the provisions of this registration.

## 2.5 Awareness and Training

- 2.5.1 The registration holder shall establish and maintain an environmental management procedure for identifying training needs, and for providing appropriate environmental management training, for all personnel who have responsibilities at the facility to enable them to execute their tasks in relation to pollution control and compliance with the registration.
- 2.5.2 Personnel/contractors performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience as required. The registration holder must ensure that contractors/agents involved in transport of waste have a valid waste collection permit and receive adequate supervision on site.
- 2.5.3 The registration holder shall maintain a register of the environmental management training that each member of staff has received and a schedule of annual environmental management training shall be available for inspection by the authorized persons. The environmental management training, provided to each member of staff, shall incorporate compliance and reporting obligations in accordance with the conditions of this Certificate of Registration and all relevant regulatory requirements. Records of training shall be maintained and made available to the local authority on written or verbal request.
- 2.5.4 The record of staff training shall include a signed acknowledgement by personnel that they have read and understood the responsibility of their tasks and the conditions of this registration.
- 2.6 An up to date foul and surface water drainage drawing for the site shall be maintained on site and be available for inspection by Authorised Persons of South Dublin County Council at all reasonable times.
- 2.7 The registration holder shall establish procedures to ensure that corrective action is taken should any condition of the registration not be complied with. The procedures shall define responsibility and authority for initiating further investigation and corrective action in the event of a non-compliance with this registration. Full details shall be submitted, in writing, to South Dublin County Council **within 10 days** of the non-compliance occurring.
- 2.8 Within **two months** of the date of grant of this registration, the registration holder shall establish and maintain an Environmental Management Documentation System and submit the following procedures to the local authority for review:
- (a) Waste inspection procedures.
  - (b) Waste acceptance, handling and management procedures.
  - (c) Waste storage (including temporary storage) procedure.
  - (d) Material handling procedure to prevent stockpile collapse.
  - (e) Waste quarantine procedures.
  - (f) Waste rejection and notification procedures.
  - (g) A Pollution Incident Response Plan.
  - (h) Other appropriate procedures and arrangements relating to the acceptance of waste.

- 2.9 The facility is to be used only for the temporary storage of waste refrigerant gases.
- 2.10 A programme shall be put in place, **within 3 months** of the date of grant of this registration, to ensure that members of the public can obtain information concerning the environmental performance of the facility at all reasonable times.
- 2.11 Material Safety Data Sheets (MSDS) shall be maintained on the permitted site for all chemicals stored on site. The Material Safety Data Sheets shall be available for inspection by the South Dublin County Council at any time.
- 2.12 The registration holder shall ensure that the facility shall be kept in a clean and tidy condition and that at the end of each working day the floor of the warehouse and yard of the facility shall be cleared of any loose waste and shall be swept down and cleaned.
- 2.13 The registration holder shall ensure that waste shall not be deposited on the public road or pavement outside the facility.
- 2.14 The registration holder shall ensure that traffic movements are operated as detailed in Attachment C2 "*Site Layout*" drawing of the application.
- 2.15 The registration holder shall ensure that all waste accepted at the facility has been collected and transported in accordance with Section 34 of the Act and the Waste Management (Collection Permit) Regulations 2007, as amended. The registration holder shall take cognisance of the fixed payment notices provision for certain offences relating to the Waste Management (Collection Permit) Regulations 2007, as amended, in accordance with PART 7 of the Environment (Miscellaneous Provisions) Act 2015 (No. 29 of 2015).
- 2.16 The registration holder shall comply at all times with the different provisions of the Community Acts detailed in the Second Schedule of the Waste Management (Facility Permit and Registration) Regulations 2007, as amended.

### CONDITION 3: RECORD KEEPING AND REPORTING

- 3.1 Unless otherwise agreed with the Local Authority, all written communications, including reports and notifications related to this registration, shall be submitted to the local authority as follows:

<b>Title:</b> Senior Executive Officer
<b>Address of Local Authority:</b> Enforcement and Licensing Division, Environment, Water & Climate Change, South Dublin County Council, County Hall, Tallaght, Dublin 24

- 3.2 The registration holder shall submit to the National Waste Collection Permit Office (NWCPO) an Annual Environmental Return on or before the 28th February each year, utilising the National Waste Collection Permit Office online annual return system. The National Waste Collection Permit Office can be contacted at;

National Waste Collection Permit Office  
Offaly County Council, Áras an Chontae, Charleville Road,  
Tullamore, Co. Offaly.  
Tel: 057 9357428.  
Email: [contactus@nwcpo.ie](mailto:contactus@nwcpo.ie)  
Web: [www.nwcpo.ie](http://www.nwcpo.ie)

- 3.3 The registration holder shall collect, maintain and report, in format agreed with South Dublin County Council, in respect of the particulars of the summary information contained in the register established in accordance with Condition 3.5 for a period of not less than 7 years.
- 3.4 The registration holder shall immediately notify the local authority by telephone/fax/email of any incident which occurs as a result of the activity at the facility and maintain a register (see Appendix 4 for example table) which;
- (a) has the potential for environmental contamination of surface water or ground water, or
  - (b) poses an environmental threat to air or land, or
  - (c) requires an emergency response by the Local Authority.

Full details shall be forwarded in writing on the next working day. The registration holder shall include as part of this notification:

- (a) the date and time of incident, or when incident was noticed;
- (b) details of the incident and the causes or potential causes of it;
- (c) an evaluation of environmental pollution caused, if any;
- (d) actions taken to minimise the effect on the environment, including preventative measures;

- (e) steps taken to avoid reoccurrence;
- (f) details of any site investigations instigated by the registration holder;
- (g) any other remedial action taken.

3.5 The registration holder shall maintain a register in relation to the activity to which the registration relates, which shall be available for inspection, **in both electronic and hard copy format**, by the local authority. The register of incoming and outgoing waste shall detail the following:

- (a) The dates, time of arrivals and quantities and composition of each waste consignment delivered to the facility, (by European Waste Catalogue code(s) and description(s) pursuant to Commission Decision 2001/118/EC of 16 January 2001 or subsequent amendments),
- (b) Names of the carrier, waste collection permit number and vehicle registration number,
- (c) Origin of waste delivered,
- (d) The name of the person checking the load,
- (e) Quantities and composition of wastes rejected from the facility,
- (f) Quantities, composition and destination of waste consigned for onward transport from the facility, and
- (g) Details of all recovery or disposal facilities, including permit/licence numbers, which are being used to receive such waste.

And any such additional information as may be required by the local authority. See Appendix 3 for example table.

3.6 Within 2 months of issue of the Certificate of Registration, the registration holder shall submit a Closure, Restoration and Aftercare Management Plan, in accordance with the Environment Protection Agency 'Guidance on Environmental Liability Risk Assessment, Residuals Management Plans and Financial Provision', to South Dublin County Council for approval. The plan shall include costings that deal with site decommissioning and known liabilities for the facility at closure and shall be reviewed and updated annually.

3.7 The permit holder shall maintain at the facility a register of all complaints received relating to the operation of the activity and make available for inspection by the local authority at any time. Each such complaint entry in the register should give details of the following:

- (a) time and date of the complaint;
- (b) the name of the complainant;
- (c) details of the nature of the complaint;
- (d) actions taken to deal with the complaint, and the results of such actions;
- (e) the response made to each complainant.

After the receipt of a complaint, the local authority shall be notified in writing as soon as possible and in any event not later than **five working days** after receipt of the complaint. See Appendix 5 for example table.

- 3.8 The registration holder shall make all records maintained on the site available to staff of the Local Authority at all reasonable times, and shall provide any relevant information when so requested by an authorised person of the Local Authority, including at the time of inspection.

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

## CONDITION 4: WASTE HANDLING

- 4.1 The registration holder shall ensure that only wastes registered at this facility are accepted. The permissible wastes are listed in the table below. The listing is by European Waste Catalogue code(s) and description(s) pursuant to Commission Decision 2001/118/EC of 16 January 2001 or subsequent amendments.

Waste Type	EWC Code	Waste Description
Chlorofluorocarbons, HCFC, HFC	14 06 01*	Waste organic solvents, refrigerants and foam/aerosol propellants
Gases in pressure containers (including halons) containing dangerous substances	16 05 04*	Gases in pressure containers and discarded chemicals
Gases in pressure containers other than those mentioned in 16 05 04	16 05 05	Gases in pressure containers and discarded chemicals
Discarded organic chemicals consisting of or containing dangerous substances	16 05 08*	Gases in pressure containers and discarded chemicals
Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	16 05 09	Gases in pressure containers and discarded chemicals

- 4.2 The registration holder shall ensure that the total quantity of waste refrigerants stored at the facility shall **not exceed 18 tonne at any one time** and shall be stored on site for a **maximum period of Six Months and the maximum annual tonnage of gas permitted is 500 tonnes.**
- 4.3 The registration holder shall establish the necessary measures to ensure the secure and safe storage of all waste. Waste shall be stored in approved sealed steel cylinders for the purposes of onward submission to recovery at an authorised treatment facility.
- 4.4 The registration holder shall ensure that waste refrigerant and greenhouse gases are stored so that:
- (a) Each container should be consigned for onward transport to an authorised facility for appropriate recycling, reclamation or disposal in accordance with the relevant legislative requirements for the specific gas type.
  - (b) There should be no mixing of refrigerant gases or the transfer of individual types of refrigerant gas from one cylinder to another to facilitate bulking for onward transportation.
  - (c) There should be no mixing of fluorinated greenhouse gases or the transfer of fluorinated greenhouse gases from one cylinder to another to facilitate bulking for onward transportation.
  - (d) There should be no mixing of halons or the transfer of halons from one cylinder to another to facilitate bulking for onward transportation.



- 4.5 The registration holder shall ensure that all necessary measures are in place to ensure that the handling and controlled storage of the containers of:
- (a) waste, returned or recovered refrigerant gases, or
  - (b) waste, returned or recovered Fluorinated Greenhouse Gases,
  - (c) gases in pressure containers and discarded chemicals
- are carried out in a manner that shall prevent the leakage or venting of the gases to the atmosphere.
- 4.6 All waste refrigerants arriving at the facility shall be inspected at the point of entry to the facility and documented and directed to the appropriate designated waste storage area.
- 4.7 The registration holder shall ensure that the reception and storage of waste refrigerant gases are in accordance with Regulation (EC) No. 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, recast by Regulation (EC) No. 1005/2009, and Regulation (EC) No. 842/2006 of the European Parliament and of the Council of 17 May 2006 on certain fluorinated greenhouse gases and any subsequent amendments to the aforementioned Regulations.
- 4.8 The registration holder shall ensure that all incoming and outgoing waste refrigerant gases are transported with a CI form or an Environment Protection Agency Prior Annual Notification (PAN), as appropriate. The registration holder shall confirm that a PAN is in place prior to acceptance of the waste.
- 4.9 The registration holder shall ensure that all waste is stored indoors, within the curtilage of the facility in line as outlined in red on the drawing titled "Site Layout" submitted as part of the application.
- 4.10 The doors of the indoor areas of the facility and gates of the facility shall be kept shut and locked when the facility is unsupervised.
- 4.11 The registration holder shall ensure that each container and bay is clearly labelled at the facility to indicate their contents.
- 4.12 The registration holder shall ensure that all waste stored at the facility shall be supported and stored in a manner that allows sufficient spacing to allow suitable and safe access, for personnel and local authority staff, between and around waste materials to allow sufficient access for facility inspection, waste determination and emergency access. This spacing shall be adequate for emergency vehicle access.
- 4.13 Appropriate Personal Protective Equipment (PPE) shall be provided to all employees.

### **Waste Movement**

- 4.14 The registration holder shall ensure that waste in advance of transfer to another person shall be classified, packaged and labelled in accordance with National, European and any other standards which are in force in relation to such labelling.

- 4.15 Waste sent from the facility for recovery, recycling, or disposal shall be collected and transported only by a valid waste collection permit holder in accordance with the Waste Management (Collection Permit) Regulations, 2001 (where the permit holder has a valid permit granted under such Regulations) or the Waste Management (Collection Permit) Regulations 2007, as amended (where a valid permit was granted since 31<sup>st</sup> March 2008). The waste shall be transported only from the facility of the activity to the facility of recovery, recycling or disposal in a manner which will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

## CONDITION 5: ENVIRONMENTAL PROTECTION AND EMISSIONS

### Environmental Protection

- 5.1 The registration holder shall ensure that any emissions from the facility shall not result in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value prescribed under any enactment.
- 5.2 The registration holder shall take preventative measures to ensure that the activity is carried out in a manner which does not have any adverse effect on drainage of lands, watercourses, shallow wells, bored wells, raw water intakes or other sources of water supply, public and private roads or footways.
- 5.3 The registration holder shall take preventative measures to ensure that the activity does not result in unreasonable noise, fumes, dust, grit, odours, untidiness and other nuisances, which would result in the impairment of, or significant interference with, the amenities or the environment beyond the site boundary. If unacceptable levels occur, the registration holder shall abide by South Dublin County Council's abatement requirements, which may include immediate cessation of operations.
- 5.4 **A pollution prevention and control plan** for the permitted site shall be submitted to South Dublin County Council **within three months** of grant of the registration.

### Emissions

#### Litter Control

- 5.5 The registration holder shall ensure that all vehicles transporting waste to and removing waste from the facility shall be hauled in such a manner as to preclude any spillage causing spoiling of roads or adjoining lands, and shall not give rise to nuisance in transit to and from the facility. The registration holder shall be responsible for the clearance of any material deposited on roadways in transit to the facility.
- 5.6 The registration holder shall implement procedures to prevent unauthorised fly-tipping at the facility. Good housekeeping and preventative measures must be in place to minimize the incidents of waste materials from the premises entering adjacent premises. Waste that is accidentally deposited in any areas outside the facility must be immediately removed.
- 5.7 The permit holder shall inspect the facility daily for nuisances caused by waste or odours. The permit holder shall remove all waste from outside the facility perimeter and any source of odour from the facility environs without delay. The permit holder shall ensure that a record is maintained of inspections and any actions as a result of these inspections.

## **Noise Emissions**

- 5.8 Noise emissions from the facility shall not give rise to noise levels at noise sensitive locations in the vicinity of the activity in excess of 5 dBA Leq, over the existing background noise levels during the hours of operation of the facility.
- 5.9 There shall be no tonal noise emission, from the facility, over the background noise level expressed as LAeq (15 minutes) during the hours 20:00 – 08:00.
- 5.10 The registration holder shall ensure that reverse sirens are not employed during the hours 18:00 – 08:00.
- 5.11 There shall be no clearly audible tonal component, or impulsive component, in the noise emission from the facility at any noise sensitive location. The registration holder shall adopt appropriate noise abatement techniques to ensure that there is no nuisance noise at the boundary of the facility.
- 5.12 The registration holder shall have regard to BS 5228, 1997 Noise Control on construction and open sites.

## **Air Pollution Control**

- 5.13 Any dust or particulate matter that may arise from the waste activity shall not give rise to deposition levels which results in nuisance off-site.
- 5.14 Access roads, concreted and hard-standing areas shall be swept and maintained frequently as required.
- 5.15 Ambient dust deposition levels shall not exceed TA luft value 350mg/m<sup>2</sup>/day total dust deposited over 30 days.
- 5.16 All direct and indirect emissions to the atmosphere, including odours, shall be controlled to ensure that they do not:
- (a) Result in injury to health,
  - (b) Have a deleterious effect on flora or fauna or cause damage to property, or
  - (c) Impair or interfere with amenities or with the environment.

## **Odour Control**

- 5.17 No emissions, including odours, from the activities carried on at the site shall result in an impairment of, or an interference with amenities or the environment beyond the facility boundary.

## **Surface Water and Groundwater Emissions**

- 5.18 No trade effluent, leachate, and/or contaminated storm water shall be discharged to surface water drains and surface water courses. Discharges of List I and List II substances as specified in Directive 76/464/EEC to surface or groundwater are prohibited.
- 5.19 There shall be no direct emissions to groundwater.

5.20 No substance shall be discharged to the sewerage system or the surface water system in such a concentration as would constitute a danger to personnel working in the sewerage or surface water system, or would be injurious to the construction of the pipework, or would interfere with the operation of downstream wastewater treatment works. In the event of an accidental discharge of this nature, the person responsible shall notify the Council as soon as practicable after the occurrence. (Ph. 4138500, outside office hours 4574907). The registration holder shall submit a written report to South Dublin County Council detailing how this event occurred and the steps that will be taken to prevent a recurrence.

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

## CONDITION 6: ENVIRONMENTAL MONITORING

- 6.1 Authorised Persons of South Dublin County Council shall have unrestricted access to the premises at all reasonable times on production of identification, if required, for the purpose of their functions under the Waste Management Act 1996, as amended, including such inspections, monitoring and investigations as are deemed necessary by the Council.
- 6.2 If so requested by South Dublin County Council, the registration holder shall, at his/her own expense, carry out investigations and monitoring of the facility as required by South Dublin County Council. The scope, detail and programme, including report structure and reporting schedule, for any investigations and monitoring shall be in accordance with any written instructions issued by South Dublin County Council. In the event of pollution of waters in the vicinity of the site, or of leachate discharge onto adjoining lands, input of waste onto the site shall immediately cease, and remedial measures shall be carried out immediately as directed by South Dublin County Council.
- 6.3 The registration holder shall ensure that records of all environmental monitoring carried out shall be retained for a minimum of **7 years**. These records shall be available for inspection by authorised personnel representing any statutory body involved in pollution control at all reasonable times.

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

## CONDITION 7: SITE INFRASTRUCTURE

- 7.1 The registration holder shall provide and maintain a Facility Notice Board at the facility, **within 3 months** of grant of this registration, so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm.
- The board shall clearly show:-
- (a) the name and telephone number of the facility,
  - (b) the normal hours of opening,
  - (c) the name of the registration holder,
  - (d) an emergency out of hours contact telephone number,
  - (e) the registration reference number and dates it pertains to, and
  - (f) where environmental information relating to the facility can be obtained.
- 7.2 A plan of the facility clearly identifying the location of the vehicle drop-off and storage areas and the waste quarantine area shall be displayed as close as possible to the entrance to the facility. The plan shall be displayed on durable material such that it is legible at all times. The plan shall be replaced as material changes are made.
- 7.3 The doors and gates of the facility shall be kept shut and locked when the facility is unsupervised.
- 7.4 The registration holder shall clearly label and provide safe and permanent access to all on-site sampling and monitoring points and to any off-site points as required by South Dublin County Council and their agents.
- 7.5 The registration holder shall provide and use adequate lighting during the operation of the facility.
- 7.6 The registration holder shall clearly label the waste quarantine area and each storage area and container at the facility to indicate their contents.
- 7.7 The quantity of waste to be accepted at the facility on a daily basis shall not exceed the duty capacity of the equipment at the facility. Any exceedance of this intake shall be treated as an incident and shall be reported in writing to South Dublin County Council within 24 hours of occurrence.
- 7.8 The registration holder shall ensure that any items of plant deemed critical to the efficient and adequate handling of waste at the facility (including inter alia waste loading vehicles and ejector trailers) shall be provided on the following basis:
- (a) 100% duty capacity
  - (b) 20% standby capacity available on a routine basis; and
  - (c) Provision of contingency arrangements and/or back up and spares in the case of breakdown of critical equipment

- 7.9 Facility Roads and Site Surfaces:
- (a) Effective site roads shall be provided and maintained to ensure the safe and nuisance free movement of vehicles within the facility.
  - (b) The registration holder shall maintain impermeable concrete surface within/around the facility.
- 7.10 No vehicle queuing or parking of vehicles must occur at the entrance or exit to the facility. If in the opinion of South Dublin County Council, vehicles are causing a potential hazard to road users in the area or a hazard to users of adjacent facilities, the registration may be suspended or possibly revoked. Roadways shall be maintained to ensure the safe movement of vehicles within the facility.
- 7.11 The public road shall be kept free from all debris and litter.
- 7.12 The registration holder shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.
- 7.13 The facility shall be adequately manned and supervised at all times during opening hours. It shall be maintained to the satisfaction of South Dublin County Council and adequate precautions shall be taken to prevent unauthorised access to the site.
- 7.14 The registration holder shall have regard to the Environmental Protection Agency Guidance Note to Industry on the Requirements for Fire-Water Retention Facilities in the provision of firewater retention facilities on-site.
- 7.15 If traffic volumes at the site were to increase South Dublin County Council may request a site traffic management plan, which should be submitted in writing to the Council for approval prior to implementation. No vehicle queuing or parking of vehicles must occur at points of access or egress or at the boundary of the facility. If in the opinion of the local authority, vehicles are causing a potential hazard to road users in the area or a hazard to users of adjacent facilities, the matter may be referred to An Garda Síochána. Roadways shall be maintained to ensure the safe movement of vehicles within the facility.
- 7.16 The registration holder shall ensure the remedy of any defect in concrete surfaces within **ten working days** of the development of the defect and shall ensure that the concrete paving is adequately maintained to prevent the transmission of fluids through the pavement or pavement joints.



## CONDITION 8: ACCIDENT PREVENTION AND EMERGENCY RESPONSE

- 8.1 The registration holder shall, **within 3 month** of issue of this registration ensure that a documented **Emergency Response Procedure** (ERP) is in place which will address the hazards on-site, particularly in relation to the prevention of accidents or emergencies with a possible impact on the environment. This procedure shall be reviewed annually and updated as necessary.
- 8.2 Fire Prevention Infrastructure:
- (a) The registration holder shall submit a copy of the Fire Safety Survey for the facility and Fire Safety Certificate.
  - (b) No wastes shall be burned on site.
  - (c) Adequate firefighting water supply should be readily available for use by the Fire Services in the event of a fire.
  - (d) Perimeter access shall be maintained, clear of storage, and suitable fire tender access.
  - (e) Petrol, oils, batteries and tyres shall be safely stored in a designated area.
  - (f) The facility shall be managed in a safe and orderly fashion and shall be provided with suitable and adequate first aid firefighting facilities.
- 8.3 The registration holder shall ensure that all significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 8.4 No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.
- 8.5 The registration holder shall ensure that adequate fire extinguishers and emergency response equipment shall be maintained on site.
- 8.6 The registration holder must comply with all Occupational, Health & Safety Legislation requirements with regard to the employees' health and safety requirements.
- 8.7 In the event of any occurrence which results in the closure of the facility, any waste arriving at or already collected at the facility shall be transferred directly to other appropriate facilities until such time as the facility is returned to a fully operational status. Such an occurrence will be treated as an emergency and rectified as soon as possible.

## CONDITION 9: CHARGES AND FINANCIAL PROVISIONS

### Annual Fees

- 9.1 The registration holder shall pay to South Dublin County Council an annual contribution of **€700.00** or such sum as South Dublin County Council determines from time to time, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the local authority. This cost shall be paid towards the cost of administering the registration and monitoring the activity as the local authority considers necessary for the performance of its functions under the Waste Management (Facility Permit and Registration) Regulations 2007, as amended. Full payment of the annual fees for the duration of the registration must be made upon commencement (**within 14 days of notification**) and will result in no amended or revised charges being levied over the duration of the registration under Condition 9.3. If any fees required to be paid have not been paid when due, there shall be imposed, in addition to all fees due and owing, a penalty equal to ten percent of said fees for each month or fraction thereof during which said fees are delinquent and unpaid.
- 9.2 The registration holder shall pay to the local authority such revised annual contribution as the local authority shall determine to enable performance by the local authority of its relevant functions under the Waste Management (Facility Permit and Registration) Regulations 2007, as amended, and all such payments shall be made **within 1 month** of the date upon which demanded by the local authority.
- 9.3 In the event of non-routine inspection, monitoring, auditing, enforcement or otherwise performing any functions, including taking any measures to prevent or limit environmental pollution or taking any remedial measures at the site in this regard arising from activities at the facility, any and all costs incurred by South Dublin County Council shall be reimbursed to the Council by the registration holder. These costs shall be paid in full **within 14 days** of receipt of notification from South Dublin County Council of the costs incurred.

### Financial Provisions

- 9.4 The registration holder shall effect and maintain a policy of insurance insuring him or her as respects any liability on his or her part to pay any damages or costs on account of injury to persons or property arising from the activities concerned or for remedial actions following anticipated events (including closure) or accidents/incidents, as may be associated with the carrying on of the activity.
- 9.5 All insurance policies shall be extended to indemnify South Dublin County Council and **within 1 month** of grant of this registration a copy of each policy must be submitted to the Council. The registration will be automatically revoked if any part of the insurance is either removed or not renewed.

- 9.6 The local authority requires the putting in place of a financial guarantee, by the registration holder, to cover any real or potential environmental liabilities at the site or arising from activities at the facility. The registration holder is required to arrange for the completion, by an independent and appropriately qualified third party, of an Environmental Liabilities Risk Assessment for the facility activities and the site, which will address liabilities from past and present activities :
- I. **Within two months** of the date of this registration, a report on this assessment shall be submitted to the local authority for agreement.
  - II. The risk assessment shall have particular regard to any accidents, emergencies, or other incidents, which might occur at the facility and their effect on the environment. The risk assessment shall include a comprehensive and fully costed Environmental Liabilities Risk Assessment for the facility together with a proposal for Financial Provision arising from the carrying on of activities to which the registration relates, including the restoration of the facility on closure.
  - III. The Risk Assessment shall be completed to the satisfaction of the local authority **within six months** of the date of grant of the registration, unless otherwise agreed in writing.
- 9.7 Any written correspondence in relation to the above (9.6) between the local authority and the registration holder shall be deemed a condition of the registration.
- 9.8 **Within 1 month** of agreement of the report, the registration holder shall submit written evidence of the making of financial provision in a form and amount acceptable to the Council to cover all liabilities identified. The amount of financial indemnity shall be reviewed and revised as necessary, but at least **annually** and shall be submitted as part of annual report submission required under Condition 3.2 of this registration.
- 9.9 The registration holder shall establish and maintain a fund, in the form of a bond, that is adequate to assure the Council that the registration holder is at all times financially capable of implementing the Closure, Restoration and Aftercare Plan required by Condition 3.6. The bond shall be provided to the Council **within 6 months** of grant of the registration. The type of fund established and the means of its release/recovery shall be agreed by the Council prior to its establishment. The fund established shall be **revised annually** and maintained in an amount always sufficient to underwrite the updated Closure, Restoration and Aftercare Management Plan.

## CONDITION 10: CESSATION OF OPERATIONS

- 10.1 Following termination, or planned cessation for a **period greater than 6 months**, of use or involvement of all or part of the site in the authorised activity, the registration holder shall, to the satisfaction of South Dublin County Council decommission, render safe or remove for disposal/recovery any buildings, plant or equipment, and all waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution. The registration holder shall carry out such tests, investigation or submit certification, as requested by South Dublin County Council to confirm that there is no risk to the environment.
- 10.2 This certificate of registration may, subject to the agreement of the local authority, be surrendered at any time by notice, in writing, to the local authority of an application for the surrender of this certificate of registration.
- 10.3 An application to surrender the Certificate of Registration shall be made when the:
- I. Waste related activity ceases,
  - II. Certificate of Registration expires, or
  - III. Certificate is revoked.
- 10.4 The local authority shall not agree to the surrender of the certificate of registration unless it is satisfied that the condition of the facility is not causing or likely to cause environmental pollution and may carry out or cause to carry out such investigations as, are necessary, in the reasonable opinion of the local authority to verify the condition of the facility.
- 10.5 In agreeing to the surrender of this certificate of registration, the local authority, may attach conditions by way of notice in writing and the registration holder shall comply with the said conditions.
- 10.6 The making of an application for the surrender of this certificate of registration, the revocation of the certificate of registration or the cessation of activity to which this certificate of registration relates, shall in no way affect or diminish such conditions, requirements or obligations set out in this certificate of registration.

# APPENDIX 1: CONDITION 1.13 NON COMPLIANCE OF REGISTRATION CONDITION

Table 1. Condition 1.13: Non Compliance of Registration Condition

Date of Non-Compliance	Condition	Details of non-compliance	Measures taken to Rectify Non-Compliance	Date on which Compliance with Condition is achieved	Date of Notification to South Dublin County Council

For inspection purposes only.  
Consent of copyright owner required for any other use.

## APPENDIX 2: CONDITION 2.2: REGISTER OF EMPLOYEE RECEIPT OF CERTIFICATE OF REGISTRATION

**Table 2. Condition 2.2: Register of Employee Receipt of Certificate of Registration**

Name of Employee	Issue Date of Registration to Employee	<b>Declaration:</b> I have read and understand the conditions of the above Certificate of Registration. (Signature of Employee)	Date

**Table 3. Condition 2.5.4: Register of Employee Training**

Name of Employee	Training Course	Date of Course

For inspection purposes only  
Consent of copyright owner required for any other use.



**APPENDIX 4: CONDITION 3.4 REGISTER OF INCIDENT WHICH HAS POTENTIAL TO CAUSE ENVIRONMENTAL POLLUTION**

**Table 5. Condition 3.4: Register of Incident which has Potential to Cause Environmental Pollution**

Date of Incident	Time of Incident	Details of Incident	Evaluation of Environmental Pollution	Measure taken to Minimise Environmental Pollution	Actions Taken to Avoid Reoccurrence	Date of Notification to South Dublin County Council

For inspection purposes only.  
Consent of copyright owner required for any other use.



## APPENDIX 5: CONDITION 3.7: REGISTER OF COMPLAINTS

Table 6. Condition 3.7: Register of Complaints

Date of Complaint	Time of Complaint	Name of Complainant	Details of Complaint	Actions Taken	Response to Complainant	Date of Notification to SDCC / Method

For inspection purposes only.  
Consent of copyright owner required for any other use.

## **APPENDIX 6: LIST OF CONDITIONS SUBJECTED TO TIMEFRAMES**

Within 5 days;

- Condition 3.7

Within 10 days;

- Condition 2.7

Within 14 days;

- Condition 1.12
- Condition 9.1
- Condition 9.3

Within 1 month;

- Condition 9.2
- Condition 9.5
- Condition 2.2

Within 1 month of agreement of the Environmental Liabilities Risk Assessment Report;

- Condition 9.8

Within 2 months;

- Condition 2.8
- Condition 9.6 (I)

Within 3 months;

- Condition 2.10
- Condition 5.4
- Condition 7.1
- Condition 8.1

Within 6 months;

- Condition 9.6 (III)

In excess of 6 months of waste activity ceasing

- Condition 10.1

On or before 28<sup>th</sup> February of each year;

- Condition 3.2

Registers to be maintained on site;

- Condition 3.2
- Condition 3.4
- Condition 3.5

Not less than 7 Years;

- Condition 3.3
- Condition 6.3