

# **Attachment No. 6**

## **Proprietary Treatment Unit**

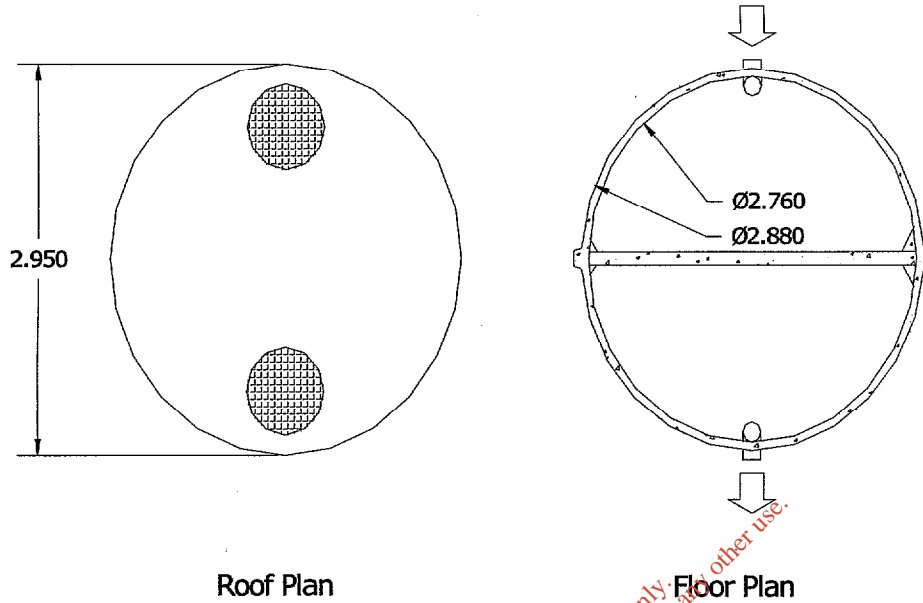
### **Details**

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# CARLOW PRECAST TANKS LTD.

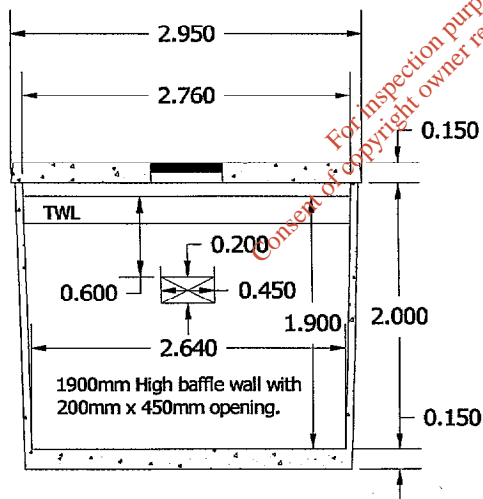
Kilknock, Ballon, Co. Carlow Tel: 059 9159322 Fax: 059 9159202 e-mailsales@carlowprecasttanks.com  
 Manufacturers of Septic and Effluent Tanks, Pump Chambers, Reservoirs, Interceptors and Special Products

## 2500 Gallon (11.36 cubic metre) Septic Tank



Roof Plan

Floor Plan



Section

Standard opening 2 Number 600mm diameter with medium duty ductile iron cover over inlet and outlet positions.

Roof design to particular loading requirements.

Collars, fittings etc. to customers requirements.

Standard tank weight 5.60 tonnes without lid, 8.20 tonnes including lid.

Working capacity 2125 gallons (9.66 cubic metres).

Inlet and outlet positions to Customers requirements. Typically 75mm differential.

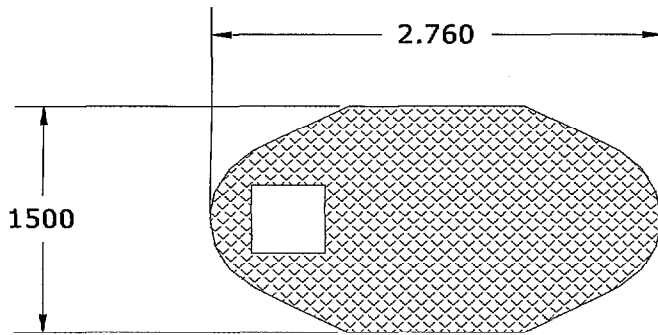


# CARLOW PRECAST TANKS LTD.

Kilknock, Ballon, Co. Carlow Tel: 059 9159322, Fax: 059 9159202, e-mail: sales@carlowprecasttanks.com

Manufacturers of Septic and Effluent Tanks, Pump Chambers, Reservoirs, Interceptors and Special Products

## 1000 Gallon (4.5 cubic metre) Tank

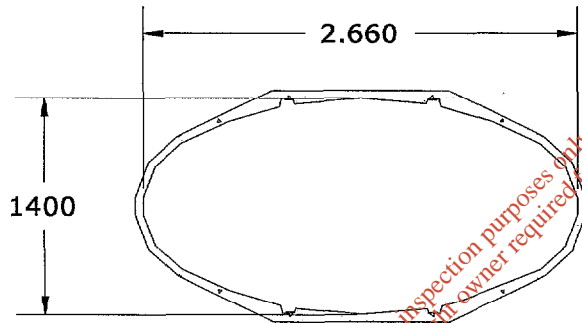


450mm x 450mm Access opening.

Chequer plate patterned top surface to roof.

Roof design to particular loading requirements.

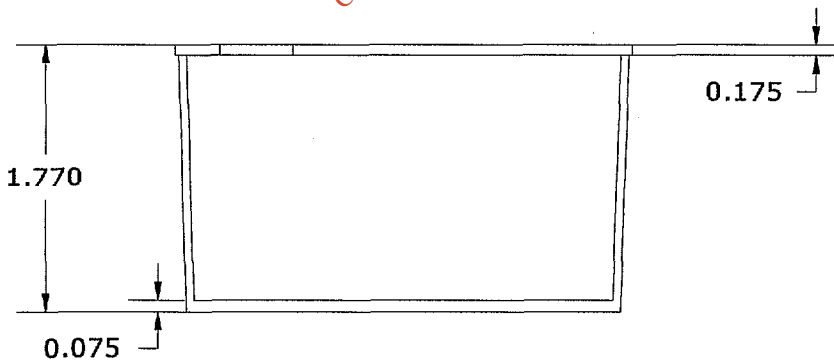
Roof Plan



Floor Plan

Standard tank weight 3.75 tonnes.

Working capacity 1000 gallons (4.50 cubic metres).

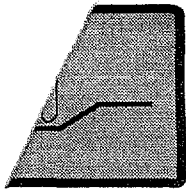


Section

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**Attachment No. 7**  
**Details of Effluent Removal**  
**Off-Site**

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# SOUTH COAST Transport

and International  
Operators & Specialist Hauliers

Corrin, Fermoy, Co. Cork, Ireland.  
Tel: +353 25 33381/32435 Fax: +353 25 32739 E-mail: accounts@southcoast-transport.ie

## SCT Tank Check List

(To be completed at time of tank wash)

Date 8/4/05 Document No. TM003  
 Wash Cert. No. 01621 AUR Revision No. 6  
 Skelly No. 74 Customer: SCF  
 Destination. \_\_\_\_\_ Tanker No. BAFU 888030-3

**2902**

	YES/NO	INITIALS
Tanker number and test plate correspond	Y	DMCC
Date of current tanker test <span style="margin-left: 20px;">2.5 y <u>4/03</u> 5 y <u>3/01</u></span>	Y	↑
Tanker in test	Y	
Tyres in good condition <span style="margin-left: 20px;">9mm 13mm 9mm 8mm 14mm 6mm</span>	Y	
Lights on Trailer in working order	Y	
Twist locks in working order	Y	
Landing gear in working order	Y	
Brake test carried out	Y	
Does manlid seal require changing?	NO	
Interior of tank clean, free of pitting/staining	Y	
Vent valve & cap seal in good condition	Y	
Pressure release valve in good condition	Y	
Foot valve and seal in good condition	Y	
Butterfly valve/seal in good condition	Y	
3" cap & seal in good condition	Y	
Emergency cord working	Y	
Hydraulic pressure test carried out	Y	
Hydraulic pressure test passed	Y	
R-Clip / Spring clip checked and secured	Y	
Document tube empty	Y	
Catwalk and ladder in good condition	Y	
Handrail fitted	NO	
Wash cert attached	Y	DMCC

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TEST INCOMPLETE

Signed \_\_\_\_\_

Comments:

TEST COMPLETE  DMCC  
 Signed \_\_\_\_\_



I.S. EN ISO 14001:1996 ENVIRONMENT

LICENSED HAZARDOUS WASTE TRANSFER STATION  
CORRIN, FERMOY, CO. CORK, IRELAND.  
Tel: 025-42944. Fax: 025-33885  
Website: www.avr-safeway.com  
Licence No. 50-1



01621

AVR

AVR - SAFEWAY Ltd.

<b>Wash Certificate Book</b>		<b>SW 485</b>
<b>Internal Wash</b> <input checked="" type="checkbox"/>	<b>Livery Wash</b> <input type="checkbox"/>	
<b>Customer:</b> SGT	<b>Order No:</b>	<b>Type of Wash</b> <input type="checkbox"/> Hot water wash <input checked="" type="checkbox"/> Cold water wash <input type="checkbox"/> Steam boil <input type="checkbox"/> Detergent Wash <input type="checkbox"/> Other
<b>Tank/Container No:</b> BAF4 8880303	<b>Reg No:</b>	
<b>EWC Code:</b>	<b>Current Contents:</b> Empty Clean.	
<b>Man in tank: Time in</b>	<b>Time out</b>	<b>Oxygen reading</b>
<b>Residue material to:</b> Drum A (flammable) Drum B (Corrosive) Drum C (Toxic) Drum D (Non Regulated) Other	<b>Quantity (Litres/Kg)</b>	<b>Container Id.</b>
<b>Washings to:</b> BG1 Fermoy UDC storage BG2 Toxic storage BG3 Fermoy UDC storage Other	<b>Quantity (Litres/Kg)</b>	<b>Container Id.</b>
<b>Comments:</b> 2A 4/03 5 3/01 Scup Tested + Passed.		
<b>Charges:</b> Standard charge		€ _____
<b>Extra charges:</b> _____ Kg x _____ Euro/Kg		_____
	<b>Total Charge</b>	_____
<b>Completed by:</b> Jucearty	<b>Date:</b> 18/4/05	<b>Time:</b> 1000

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WASTE MANAGEMENT (MOVEMENT OF HAZARDOUS WASTE) REGULATIONS, 1998

Form C.1.

Consignment Note for consignments of hazardous waste transported within the State  
(NOT to be used for transshipment into or out of the State)

B 0242087

PART A (to be completed by the consignor)

Ted O'Donoghue & Sons, Mountainview House, Waterfall

1. Name and address of consignor<sup>1</sup>: Cork ..... 087-2111616 .....  
 ..... see annex Tel: ..... Fax: .....
2. Name and chemical composition of waste\* .....
3. European Waste Catalogue/Hazardous Waste List Description(s) and Code(s)<sup>2</sup>: ..... 19 07 02\* .....  
 ..... AS 1 ABOVE .....
4. Origin of waste (name and address of producer, if different from 1.) .....
5. Process(es) that waste originates from: ..... Waste Transfer Station .....  
 ..... Tank No: 12/11/03 383033 .....
6. Quantity (indicate kg or litres): ..... Approx 100 Litres .....
7. Size, type<sup>3</sup> and number of containers: ..... LITRES ..... Tank (8) x 1 .....  
 ..... Liquid (5) .....
8. Physical characteristics<sup>4</sup>: .....
9. Components which are hazardous (giving concentrations in each case): ..... See Annex .....
- Hazardous properties<sup>5</sup> and special handling instruction (if any): ..... See Fremcard .....

11. Name and address of consignee<sup>6</sup>: ..... AVR-Safeway Ltd, Corrin, Fermoy, Co.Cork .....

12. I, the consignor, certify that the information given in Part A above is complete and correct to the best of my knowledge.  
 Signed ..... Date 19/11/03 .....  
 Name (block letters) ..... on behalf of Ted O'Donoghue & Sons Ltd. .....  
 Position held by person signing .....

PART B (to be completed by the carrier)

13. I, the carrier,<sup>7</sup> certify that I collected the waste described in Part A in vehicle (reg. no.) 02 ..... at (time) 11.15 on (date) 19/11 ..... and that I have been informed of the hazardous nature of the waste, as set out in that Part.  
 Signed ..... on behalf of TSC .....  
 Name (Block Letters) ..... Signature of consignor as witness .....

PART C (to be completed by the consignee)

14. Name and address of consignee: ..... AVR-Safeway Ltd, Corrin, Fermoy, Co.Cork .....  
 ..... 50-1 ..... Tel: 025-42944 ..... Fax: 025-33885 .....

15. Waste licence number (if applicable)<sup>8</sup> ..... Waste permit number (if applicable)<sup>9</sup> .....  
 Certificate of registration (if applicable)<sup>10</sup> .....

16. The waste described in Part A was delivered to me by (carrier) ..... in vehicle (reg.no.) .....  
 at (time) ..... on (date) ..... on behalf of (consignor) .....

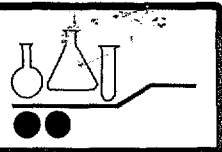
17. (a) The consignment was accepted: ..... (b) The consignment was rejected: .....

18. If the consignment of waste was rejected, state the reason(s): .....

19. If the consignment of waste was accepted, state the recovery/disposal activity(ies) to which it will be subject and provide code number and description of the technology involved<sup>11</sup> .....

20. I, the consignee, certify that the information given in Part C above is complete and correct to the best of my knowledge.  
 Signed ..... Date .....  
 Name (block letters) ..... on behalf of .....

\* full description may be attached on separate page  
 Footnotes <sup>1</sup> to <sup>11</sup> see relevant definitions and lists in the "Instructions for completion of Consignment notes for Hazardous Waste".



# SOUTH COAST Transport

National and International  
Tanker Operators & Specialist Hauliers.

CORRIN, FERMOY, CO. CORK, IRELAND

Tel: 025-33381/32435. Fax: 025-32739. Email: accounts@southcoast-transport.

<b>Print Date:</b> 18/04/2005	<b>Customer Order No.:</b>	<b>Job Number:</b> 57494
<b>Collection Ex:</b> TOS O WARDINGHUB KILPATRICK HOUSE WATERFALL, CO. CORK	<b>Customer Name:</b> AVR SAFEWAY LTD	<b>Driver Name:</b> COLMAN BARRY
	<b>Delivery Docket No.:</b>	<b>Truck Reg.:</b> 0C35226
	<b>Contact Name (On site):</b>	<b>Trailer No.:</b> SK74
	<b>Tel./Pager:</b>	<b>Subcontractor:</b>
<b>Delivery To:</b> AVR-SAFEWAY LTD, CORRIN FERMOY CO. CORK	<b>Weights: Gross:</b>  <b>Tare:</b>  <b>Net:</b>	<p><b>***** WARNING *****</b></p> <p>Before leaving site with tanker, check the following:</p> <ol style="list-style-type: none"> <li>1. Is Tanker properly secured? Y/N</li> <li>2. Is manlid closed properly? Y/N</li> <li>3. Is Air/Vent Valve closed? Y/N</li> <li>4. Is foot valve closed? Y/N</li> <li>5. Is manlid closed? Y/N</li> <li>6. Has tanker a discharge hose? Y/N</li> <li>7. Extra Fitting? Y/N</li> </ol>
<b>Product Name:</b> WASTE TANKER	<b>N Number:</b> 1.00 <b>Quantity</b>	
<b>Hazard Class:</b>	<b>Primary Hazard:</b>	<p><b>DRIVER</b></p> <p>I confirm that I understand the hazard stated on the Tremcard and that all personal protective equipment must be worn during the connecting and discharging of the Tanker.</p> <p><b>P.P.E.</b></p> <p>Helmet - Face Visor - Acid Suit Wellingtons - Glasses - Rubber Gloves Breathing Apparatus</p> <p>Signed: </p> <p>This Tank is allowed a maximum of 2 hours for unloading/loading after which a Demurrage Charge will be made.</p> <p><b>CONSIGNEE BEFORE DISCHARGING</b></p> <p>I certify that this Storage Installation is fit, is the correct tank, and has sufficient capacity for this load.</p> <p>Signed: <i>n/a</i></p> <p><b>CONSIGNEE AFTER DISCHARGING</b></p> <p>I certify that the load has been received and all operations connected with the discharge of this Road Tanker have been completed satisfactorily.</p> <p>Signed: <i>n/a</i></p>
<b>Secondary Hazard:</b>	<b>Tank Number:</b> BAFD 888030-5	
<b>Collection Date:</b> 18/04/05 18/04/05 <b>Time:</b> 14:00 14:00	<b>Delivery Date:</b>  <b>Time:</b>	

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B0242087

WEIGHT TANK AND TRUCK BEFORE AND AFTER LOADING  
CONTACT TRU ON 087 2111616

RECEIVED GOODS IN GOOD CONDITION BY



**C1 ANNEX** B0242887

<b>Consignor</b>	<b>Task Site</b>
Ted O' Donoghue & Sons Ltd	Ted O' Donoghue & Sons Ltd
Mountainview House	Mountainview House
Waterfall	Waterfall
Cork	Cork
Ted O' Donoghue 087 2111616	Michael O' Donoghue

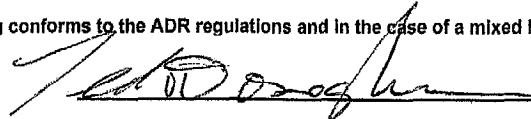
<b>Consignee</b>
AVR Safeway Ltd
Corrin, Fermoy
Co Cork, Ireland

<b>Order Number</b>	SR00817
<b>Task Date</b>	19/04/05
<b>Originating Process</b>	ROUTE
<b>Procedure No</b>	SW - 301

CODE / DESCRIPTION OF WASTE	C1 No	EWC	QTY PROPOSED	QTY DISPATCHED	UN / Class / PK Group
LQ90Z002 / Leachate Waste Water ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.		19 07 02*	1 X TANK	10620KG	UN 3082 Class 9 Pack Gr III

Declaration- All packaging conforms to the ADR regulations and in the case of a mixed load all non-compatible items are segregated according to ADR regulations.

Signed by customer



Date

19/4/05

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# **Attachment No. 8**

## **Waste In / Waste Out**

### **Details**

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# O'DONOGHUE WASTE

## WASTE INLOADS PRODUCT ANALYSIS SUMMARY

Period from : 23-12-2004 To 23-12-2004

### SUMMARY FOR : C & D WASTE

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1657	94C16546 -	C & D WASTE	170904	CUMNOR CONSTRUCTION	STRAWBERRYHILL	1 HI BIN CDR	1300 kg
23-12-2004	1659	94C15841 -	C & D WASTE	170904	CUMNOR CONSTRUCTION	MORGAN ST	MS	5680 kg
23-12-2004	1661	03C4976 -	C & D WASTE	170904	JOHN F SUPPLE LTD	JOHNST	TRACTORTRAILER	9220 kg
23-12-2004	1668	94C16546 -	C & D WASTE	170904	BELROSE CONSTRUCTION	B COLLIG	1 HI BIN	3200 kg
23-12-2004	1676	94C16546 -	C & D WASTE	170904	PHASER LT.,	WATERFALL	1 HI BIN	2780 kg
23-12-2004	1679	94C16546 -	C & D WASTE	170904	A PRIVATE HOUSHOLD	CLOGHEEN	1 MINI SKIP	620 kg
23-12-2004	1681	94C154841 -	C & D WASTE	170904	WEST CORK BUILDERS	WESTCORK	SK	1720 kg

TOTAL MASS : 24520 kg

### SUMMARY FOR : COMMERCIAL WASTE

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1672	09D16581	COMMERCIAL WASTE	150106	A COMMERCIAL COLLECTION	CREATIVE DESIGN	VAN	780 kg
23-12-2004	1674	98C7234	COMMERCIAL WASTE	150106	C&W WINDOWS	WHITE'S CROSS	HI BIN	7320 kg
23-12-2004	1677	98C7234	COMMERCIAL WASTE	150106	A COMMERCIAL COLLECTION	FIVE MILE	SKIP	1700 kg

TOTAL MASS : 9800 kg

### SUMMARY FOR : HOUSEHOLD WASTE

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1665	94C16546	HOUSEHOLD WASTE	200301	A PRIVATE HOUSHOLD	DOUGLAS	1 SKIP	1820 kg

TOTAL MASS : 1820 kg

### SUMMARY FOR : MIXED MUNICIPAL WASTE IN

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1656	93 C 14628	MIXED MUNICIPAL WASTE IN	200301	NYHAN WASTE	MULTI	CRUSHER	8960 kg
23-12-2004	1660	98C24527	MIXED MUNICIPAL WASTE IN	200301	O DONOGHUE MULTI COLLECTI	MULTI	REL	13080 kg
23-12-2004	1662	96 D 48263	MIXED MUNICIPAL WASTE IN	200301	NYHAN WASTE	MULTI	CRUSHER	6580 kg
23-12-2004	1663	90 C 8595	MIXED MUNICIPAL WASTE IN	200301	JOHN F SUPPLE LTD	MULTI	PICK UP	520 kg
23-12-2004	1666	90 C 8595	MIXED MUNICIPAL WASTE IN	200301	JOHN F SUPPLE LTD	MULTI	PICK UP	600 kg
23-12-2004	1671	02C2269	MIXED MUNICIPAL WASTE IN	200301	PJ MULCAHY	PJ	TRACTOR	8520 kg
23-12-2004	1673	97C23218	MIXED MUNICIPAL WASTE IN	200301	O DONOGHUE MULTI COLLECTI	MULTI	REL	2560 kg

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6

2

18

# DONOGHUE WASTE

## WASTE INLOADS PRODUCT ANALYSIS SUMMARY

Period from : 23-12-2004 To 23-12-2004

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1678	03 D 2008	MIXED MUNICIPAL WASTE IN	200301	WISER BINS	MULTI	CRUSHER	7240 kg
23-12-2004	1680	98C24527	MIXED MUNICIPAL WASTE IN	200301	COPE FOUNDATION	COPE --4.	REL	3940 kg

TOTAL MASS : 65780 kg

GRAND TOTAL MASS : 101920 kg

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# O'DONOGHUE WASTE

## WASTE OUTLOADS PRODUCT ANALYSIS SUMMARY

Period from : 23-12-2004 To 23-12-2004

### SUMMARY FOR : ALUMINIUM PACKAGING

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1669	94C15841	ALUMINIUM PACKAGING		NATIONAL RECYCLING	YARD	SKIP	860 kg

2

TOTAL MASS : 860 kg

### SUMMARY FOR : GLASS

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1670	97C23209	GLASS	191205	CORK MINI SKIPS	CHURCHFIELD	HK	10580 kg

2

TOTAL MASS : 10580 kg

### SUMMARY FOR : MIXED MUNICIPAL WASTE

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1664	04LD927T1	MIXED MUNICIPAL WASTE	200301	MULLEADY'S LTD	MUL	EJ1	24920 kg
23-12-2004	1667	98C24040GREENSTAR	MIXED MUNICIPAL WASTE	200301	GREENSTAR	GREENSTAR	EJ	22580 kg
23-12-2004	1682	04LD927T2	MIXED MUNICIPAL WASTE	200301	MULLEADY'S LTD	MUL	EJ2	24660 kg

6

TOTAL MASS : 72160 kg

### SUMMARY FOR : SCRAP METAL

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1658	98C24040SCRAPMETAL	SCRAP METAL	191202	CORK METAL	DUBLINHILL	TIPPERTRAILER	4960 kg

2

TOTAL MASS : 4960 kg

GRAND TOTAL MASS : 88560 kg

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# O'DONOGHUE WASTE

## DAILY TRANSACTIONS

Period from : 23-12-2004 To 23-12-2004

[ DATE ]	[ TICKET NO ]	[ VEHICLE ]	[ PRODUCT ]	[ WASTE CODE ]	[ CUSTOMER ]	[ SITE ]	[ NOTES ]	[ MASS ]
23-12-2004	1656	93 C 14628	MIXED MUNICIPAL WASTE IN	200301	NYHAN WASTE	MULTI	CRUSHER	8960 kg
23-12-2004	1657	94C16546	C & D WASTE	170904	CUMNOR CONSTRUCTION	STRAWBERRYHILL	1 HI BIN CDR	1300 kg
23-12-2004	1658	98C24040SCRAPMETAL	SCRAP METAL	191202	CORK METAL	DUBLINHILL	TIPPERTRAILER	4960 kg
23-12-2004	1659	94C15841	C & D WASTE	170904	CUMNOR CONSTRUCTION	MORGAN ST	MS	5680 kg
23-12-2004	1660	98C24527	MIXED MUNICIPAL WASTE IN	200301	O DONOGHUE MULTI COLLECTI	MULTI	REL	13080 kg
23-12-2004	1661	03C4976	C & D WASTE	170904	JOHN F SUPPLE LTD	JOHNST	TRACTORTRAILER	9220 kg
23-12-2004	1662	96 D 48263	MIXED MUNICIPAL WASTE IN	200301	NYHAN WASTE	MULTI	CRUSHER	6580 kg
23-12-2004	1663	90 C 8595	MIXED MUNICIPAL WASTE IN	200301	JOHN F SUPPLE LTD	MULTI	PICK UP	520 kg
23-12-2004	1664	04LD927T1	MIXED MUNICIPAL WASTE IN	200301	MULLEADY'S LTD	MULTI	EJ1	24920 kg
23-12-2004	1665	94C16546	HOUSEHOLD WASTE	200301	A PRIVATE HOUSHOLD	DOUGLAS	1 SKIP	1820 kg
23-12-2004	1666	90 C 8595	MIXED MUNICIPAL WASTE IN	200301	JOHN F SUPPLE LTD	MULTI	PICK UP	600 kg
23-12-2004	1667	98C24040GREENSTAR	MIXED MUNICIPAL WASTE	200301	GREENSTAR	GREENSTAR	EJ	22580 kg
23-12-2004	1668	94C16546	C & D WASTE	170904	BELROSE CONSTRUCTION	B COLLIG	1 HI BIN	3200 kg
23-12-2004	1669	94C15841	ALUMINIUM PACKAGING		NATIONAL RECYCLING	YARD	SKIP	860 kg
23-12-2004	1670	97C23209	GLASS	191205	CORK MINI SKIPS	CHURCHFIELD	HK	10580 kg
23-12-2004	1671	02C2269	MIXED MUNICIPAL WASTE IN	200301	PJ MULCAHY	PJ	TRACTOR	8520 kg
23-12-2004	1672	03D18581	COMMERCIAL WASTE	150106	A COMMERCIAL COLLECTION	CREATIVE DESIGN	VAN	780 kg
23-12-2004	1673	97C23218	MIXED MUNICIPAL WASTE IN	200301	O DONOGHUE MULTI COLLECTI	MULTI	REL	2560 kg
23-12-2004	1674	98C7234	COMMERCIAL WASTE	150106	C&W WINDOWS	WHITE'S CROSS	HI BIN	7320 kg
23-12-2004	1675	04C11232	MIXED MUNICIPAL WASTE IN	200301	WISER BINS	MULTI	ROTO	13780 kg
23-12-2004	1676	94C16546	C & D WASTE	170904	PHASER LT	WATERFALL	1 HI BIN	2780 kg
23-12-2004	1677	98C7234	COMMERCIAL WASTE	150106	A COMMERCIAL COLLECTION	FIVE MILE	SKIP	1700 kg
23-12-2004	1678	03 D 2006	MIXED MUNICIPAL WASTE IN	200301	WISER BINS	MULTI	CRUSHER	7240 kg
23-12-2004	1679	94C16546	C & D WASTE	170904	A PRIVATE HOUSHOLD	CLOGHEEN	1 MINI SKIP	620 kg
23-12-2004	1680	98C24527	MIXED MUNICIPAL WASTE IN	200301	COPE FOUNDATION	COPE --4.	REL	3940 kg
23-12-2004	1681	94C154841	C & D WASTE	170904	WEST CORK BUILDERS	WESTCORK	SK	1720 kg
23-12-2004	1682	04LD927T2	MIXED MUNICIPAL WASTE	200301	MULLEADY'S LTD	MULTI	EJ2	24680 kg

TOTAL ACCUMULATED MASS : 190480 kg

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# **Attachment No. 9**

## **Tables E.2(i) and E.2(ii)**

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**E.2 (i):EMISSIONS TO SURFACE WATERS (One page for each emission)**

**Emission Point:**

Emission Point Ref. No:	SW1
Source of Emission:	TREATED SURFACE WATER DRAINAGE FROM THE SITE
Location:	DOWNSTREAM OF HYDROCARBON INTERCEPTOR UNIT
Grid Ref. (10 digit, 5E,5N):	E158779 N065271
Name of receiving waters:	LAND DRAIN FOLLOWED BY CURRAHEEN RIVER
Flow rate in receiving waters:	VERY LOW BY VISUAL INSPECTION _____-m <sup>3</sup> .sec <sup>-1</sup> Dry Weather Flow NOT POSSIBLE TO RECORD ON LAND DRAIN OR CURRAHEEN RIVER m <sup>3</sup> .sec <sup>-1</sup> 95%ile flow SEE FOOTNOTE BELOW *
Available waste assimilative capacity:	NOT POSSIBLE TO DETERMINE. SEE FOOTNOTE BELOW * kg/day

- \* After discussions with EPA on the Curraheen River it was confirmed that there is only one monitoring station on the river. This station is not automatic so only visual inspection results are obtained. Data is available for the river between Nov'01 and Aug'04 (see attached data sheets).  
95%ile flow information could not be generated for the river.



EMISSION DETAILS:

(I) VOLUME TO BE EMITTED: MAXIMUM VOLUME THAT COULD BE EMITTED IN ONE DAY IS 261.36M<sup>3</sup> (BASED ON A 20 YEAR 24HOUR RUN-OFF (DETAILS FROM O'SHEA LEADER FIRE WATER RETENTION REPORT))

NORMAL/DAY	22.79 M <sup>3</sup> (BASED ON AVERAGE RAINFALL OF 1000MM ON WHOLE SITE AREA 8,320.5M <sup>2</sup> DIVIDED BY 365 DAYS IN ONE YEAR)	MAXIMUM/DAY	261.36 M <sup>3</sup> (BASED ON A 20 YEAR 24HOUR RUN-OFF (DETAILS FROM O'SHEA LEADER FIRE WATER RETENTION REPORT))
MAXIMUM RATE/HOUR	10.89 M <sup>3</sup>		

(ii) Period or period during which emissions are made, or are to be made, including daily or seasonal variations (start-up / shutdown to be included):

PERIOD OF EMISSION (AVG)	60 MIN/HR 24 HR/DAY 365 DAY/YEAR  I.E. CONSTANT SURFACE WATER DRAINAGE. PLEASE NOTE THAT DURING PERIODS OF NO RAINFALL, THERE WILL BE NO DRAINAGE OFF-SITE TO THE PROPOSED LAND DRAIN AS NO WATER RUN-OFF IS BEING GENERATED.
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**Table E.2 (ii): Emissions to Surface Waters - Characteristics of the emission (1 table per emission point)**

**Emission point reference number: SW1**

**Note:** Unable to determine due to no flow from the site at the time of sampling

Parameter	Prior to treatment				As discharged				% Efficiency
	Max. hourly average (mg/l)	Max. daily average (mg/l)	Kg/day	Kg/year	Max. hourly average (mg/l)	Max. daily average (mg/l)	Kg/day	Kg/year	

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Station Number	Location	Waterbody	BDS Reference	Irish Grid Reference	Easting	Northing	status code 0= active, 1=inactive	Type: AR= recorder, SG= staff gauge	Area (km <sup>2</sup> )	Start of records	Water Resource Region
19037	CURRAHEEN	CURRAHEEN	COR W611688	161100	68800	0	SG	---			SOUTHERN

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Date	W[m]	FQ[m <sup>3</sup> /s]
07/11/91	0.164	0.397
19/12/91	0.115	0.219
11/02/92	0.083	0.1
03/04/92	0.095	0.122
11/06/92	0.09	0.088
07/08/92	0.08	0.056
05/11/92	0.085	0.082
21/12/92	0.204	0.627
04/02/93	0.135	0.27
15/02/93	0.118	0.226
09/06/93	0.153	0.381
27/08/93	0.065	0.031
29/11/93	0.316	1.49
15/12/93	0.245	0.896
14/02/94	0.194	5.55
04/03/94	0.21	0.664
11/07/94	0.098	0.109
14/11/94	0.29	1.02
05/01/95	0.215	0.719
16/01/95	0.251	0.894
03/07/95	0.04	0.016
18/07/95	0.065	0.049
31/08/95	0.038	0.008
13/10/95	0.094	0.086
08/01/96	0.588	4.43
11/03/96	0.105	0.179
03/07/96	0.07	0.069
31/10/96	0.235	0.925
20/12/96	0.13	0.34
06/03/97	0.16	0.519
26/06/97	0.038	0.043
17/09/97	0.1	0.238
22/01/98	0.17	0.668
03/04/98	0.191	0.764
22/07/98	0.115	0.296
19/10/98	0.09	0.122
04/02/99	0.137	0.367
31/03/99	0.149	0.273
01/10/99	0.184	0.725
23/12/99	0.26	1.34
28/04/00	0.06	0.076
10/07/00	0.025	0.048
27/02/01	0.12	0.28
30/04/01	0.073	0.127
12/03/02	0.102	0.285
09/09/02	0.033	0.046
10/02/04	0.189	0.629
27/04/04	0.08	0.172
30/08/04	0.09	0.176

**Note: The EPA regional hydrometric team has taken a number of flow measurements at this station for the purposes of calibrating/developing a relationship between water level and flow (rating curve) for the staff gauge at the station. The water levels (W (m)) and flows indicates flows measured at this station. This is a staff gauge only station and no continuous water level records are maintained at this location. These levels/ flows should not be taken as the highest or lowest levels/flows which have occurred at this station. As with all hydrometric data, these data should be used with caution**

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