

Ms Valerie Hannon  
Environmental Section  
Cork County Council  
Inniscarra  
Co Cork

Regional Inspectorate, Inniscarra  
County Cork, Ireland  
Cigireacht Réigiúnach, Inis Cara  
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Lo Call: 1890 33 55 99

25 November 2005

Reg No: 50-2

Dear Ms Hannon

I **am** to advise you that the Agency has received an application for a Waste Licence from AVR-Safeway Ltd., for a facility located at Corrin, Fermoy, Co Cork.

The applicant proposes, as part of this application, to provide for the discharge of process effluent to a sewer, which the applicant has stated is vested in, or controlled by, your Council. Process effluent includes trade effluent or other matter (other than domestic sewage or storm water). I enclose copy extracts from the application form, which detail proposed discharges.

The provisions of Section 52 of the Waste Management Acts, 1996 to 2003, provides that the Agency shall obtain the consent of the sanitary authority to the proposed discharge from an activity which involves the discharge of trade effluent or other matter (other than domestic sewage or storm water), to a sewer vested in or controlled by a sanitary authority.

In order to expedite the Agency's consideration of this waste licence application, I am to request your authority's consent to the proposed discharge/s. It should be noted that, your authority's consent may be subject to such conditions as your authority considers appropriate as provided for in Section 52 of the Waste Management Acts, 1996 to 2003 and Section 99E (3) of the Environmental Protection Agency Acts, 1992 and 2003. Your attention is drawn to paragraphs (3) and (4) of the attached copy of the relevant section of the Act. For your convenience please find attached a reply form including a list of draft conditions compiled by the Agency.

In accordance with paragraph (2) of this section of the Act, you are requested to forward your response within 4 weeks of the date of this letter. Please note that any decision given after the expiry period shall be invalid and in those circumstances the Agency may proceed to determine the application concerned as if consent was obtained. Niamh O'Donoghue is dealing with this matter and can be contacted at the Licensing Unit, Office of Licensing & Guidance Cork Regional Inspectorate, Inniscarra, Co Cork (Tel. No. 021 4875540) if you have any queries.



Your co-operation in this matter is appreciated.

Yours sincerely



**Sonja Smith**  
**Programme Officer**  
**Licensing Unit**  
**Office of Licensing & Guidance**

**Section 99E (3) & (4) of the Environmental Protection Agency Acts, 1992 and 2003**

- (3) Subject to subsection (4), a consent under subsection (1) may be granted subject to or without conditions and if it is granted subject to conditions the Agency shall include in the licence or revised licence concerned conditions corresponding to them or, as the Agency may think appropriate, conditions more strict than them.
- (4) The conditions that may be attached to a consent by a sanitary authority under this section are the following and no other conditions, namely conditions-
- (a) relating to-
    - (i) the nature, composition, temperature, volume, level, rate, and location of the discharge concerned and the period during which the discharge may, or may not, be made,
    - (ii) the provision, operation, maintenance and supervision of meters, gauges, manholes, inspection chambers and other apparatus and other means for monitoring the nature, extent and effect of emissions,
    - (iii) the taking and analysis of samples, the keeping of records and furnishing of information to the sanitary authority,
  - (b) providing for the payment by the licensee to the sanitary authority concerned of such amount or amounts as may be determined by the sanitary authority having regard to the expenditure incurred or to be incurred by it in monitoring, treating and disposing of discharges of trade effluent, sewage effluent and other matter to sewers in its functional area or a specified part of its functional area,
  - (c) specifying a date not later than which any conditions attached under this section shall be complied with,
  - (d) relating to, providing for or specifying such other matter as may be prescribed.

**SANITARY AUTHORITY RESPONSE**  
**re: SECTION 52 OF THE WASTE MANAGEMENT ACTS, 1996 to 2003**

**Name & Address of Sanitary Authority:** Cork County Council, Inniscarra, Co Cork.

**Waste Reg. No.** 50-2

**Waste Facility:** Corrin, Fermoy, Co Cork

**Waste Licence Applicant:** A VR-Safeway Ltd.

**Consent:** Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below	
Consent granted without conditions	
Consent refused <sup>Note 1</sup>	

**Note 1** Where it is proposed to refuse permission the reasons for the refusal should be clearly outlined in the response.

GENERAL CONSENT CONDITIONS	Condition to be included (Yes/No)
emission to sewer of environmental significance.	
2. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as out in <i>Schedule C</i> .	
3. Monitoring and analytical equipment shall be operated and maintained as necessary so that monitoring accurately reflects the discharge or emission.	
4. The licensee shall permit authorised persons of the Agency and the Sanitary Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed, in connection with the process effluent, and to take samples of the process effluent.	
5. All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.	
6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	
7. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.	
8. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing which is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.	
9. In the event of any incident which relates to discharges to sewer, having taken	







## Frequency of Monitoring Process Effluent to Sewer

### Schedule C

Waste Licence application Register No. **50-2**

Emission Point Reference No: \_\_\_\_\_

Parameter <i>(delete parameters which are not applicable)</i>	Monitoring Frequency <i>(e.g. monthly, quarterly, annually)</i>	Sampling Type <i>(grab, composite)</i>
Flow to sewer		
Temperature		
pH		
BOD		
COD		
Suspended Solids		
<b>ADDITIONAL PARAMETERS</b>		
<i>(# required)</i>		

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of process effluent (per s52 of the Waste Management Acts, 1996 to 2003)	
Payment Frequency	
Annual Monitoring Costs	

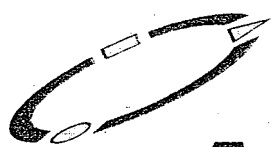
**Signed on behalf of**

\_\_\_\_\_

Date \_\_\_\_\_



50-2  
1W



# AVR

AVR - SAFEWAY Ltd

**FOR LODGEMENT  
TO E.P.A. A/c.  
18 NOV 2005  
93-33-41  
23507098**

Licensing Division  
Environmental Protection Agency  
Johnstown Castle  
Co. Wexford

Sender's Reference number

**50-2.EPA.7**

Date

**November 15, 2005**

1 Reference: LICENSE REVIEW APPLICATION 50-2

RE: Limits for Sewer Discharge SE-1

Dear Sir/Madam,

Following discussions with the Agency Inspector reviewing License Application 50-2 we wish to amend Attachemnt E.3. I attach the amended version to this letter.

This change is requested to correct a mistake in the original application and to clarify the situation. The sewer in question is only planned and its location and ownership is still not fully decided. Currently the process water is trucked to the waste water treatment plant. Recently Cork County Council have agreed (Letter from Micheal Lavelle (DATE), copy attached) to accept the following to the treatment plants in Fermoy or Mitchelstown.

Maximum Rate	10 m <sup>3</sup> /week
<b>LIMITS:</b>	
pH	6-10
BOD	1,000 mg/l
COD	3,000 mg/l
Total Suspended Solids	2,000 mg/l
Total Nitrogen (as N)	50 mg/l
Total Phosphorus(as P)	50 mg/l
Chloride	500 mg/l
Total Heavy Metals	1 mg/l

For the purposes of this waste license review we would like the Agency to set discharge limits for the future. To allow for the expansion of the business we would like to be licensed to discharge up to a maximum 5 m<sup>3</sup>/day process water to the sewer with the same limits.



Transfer Station  
License No. 50-1

County Cork  
Ireland

[www.avr-safeway.com](http://www.avr-safeway.com)

The Environmental Protection Agency  
**CORK**

F: +353 - (0)25 - 33885  
E: [info@avr-safeway.com](mailto:info@avr-safeway.com)



# AVR

AVR - SAFEWAY Ltd

Before any increase in the quantity discharged to the sewer is made it will be necessary to review these quantities with the sewer owner, and the Sanitary Authority and obtain approval of the actual quantities to be discharged from the Environmental Protection Agency.

I also enclose 2 copies of this letter and attachments.

Yours faithfully,

Pat O'Flynn,  
Managing Director



Licensed Hazardous Waste  
Transfer Station  
License No. 50-1

Corrin, Fermoy  
County Cork  
Ireland

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# Comhairle Contae Chorcaí Cork County Council

County Hall,  
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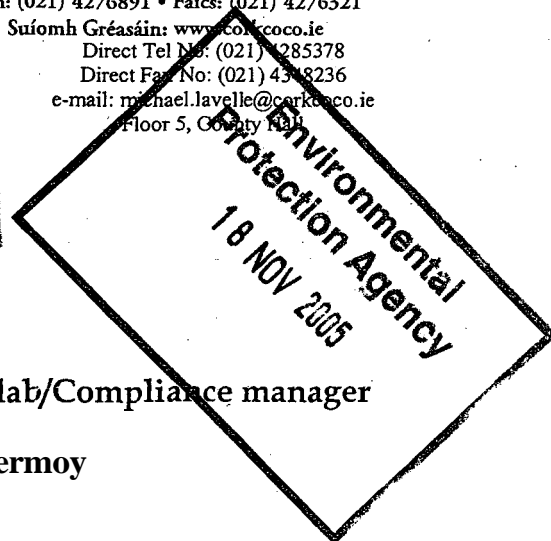
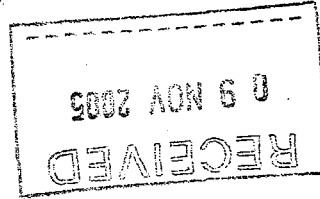
Direct Fax No: (021) 4318236

e-mail: michael.lavelle@corkcoco.ie

Floor 5, County Hall



**AVR-Safeway Ltd,<sup>1</sup>  
Corrin,  
Fermoy,  
Co.Cork**



7th November, 2005

**Attention Mr Mike Powell, Environmental lab/Compliance manager**

**Re Disposal of washwater from AVR at Fermoy**

Dear Mike,

I refer to your e-mail of 17th October seeking written approval from the Council that your new parameters are acceptable for acceptance at the Fermoy and Mitchelstown Wastewater Treatment Plants and stating that the EPA would be looking for confirmation of same.

	Previous Permit	Requested limits
Volume	10,000 litres per load	10,000 litres per week
pH	6.5 - 8.0	6 - 10
BOD	120 mg/l	1,000 mg/l
COD	650 mg/l	3,000 mg/l
Total Suspended Solids	100mg/l	2,000 mg/l
Total Nitrogen (as N)	25 mg/l	50 mg/l
Total Phosphorus (as P)	10mg/l	50 mg/l
Chlorides	100mg/l	500 mg/l
Total Heavy Metals	1 mg/l	1mg/l

<sup>1</sup> Copies to Messrs. Brendan O'Gorman, Mitchelstown and Flannan Groarke, Fermoy



1

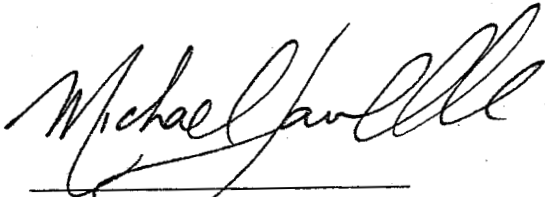
The Council considers that the material in the quantities envisaged will not damage the treatment plant infrastructure or the treatment process and agrees to allow you discharge to one of our plants. Due to contractual issues, the Council cannot currently allow you to discharge to the Fermoy plant, but the Northern Division has agreed to allow you discharge to the treatment plant at Mitchelstown.

In the longer term - maybe mid 2006 - it should be possible to permit the discharge to the Fermoy plant. We may need to consider the installation of suitable reception facilities there at that time.

Please contact **Mr. Brendan O'Gorman**, Area Engineer, Mitchelstown to look after your immediate needs. When you wish to revert to the Fermoy plant please contact **Mr. Flanan Groarke**.

You will also have to make the necessary commercial arrangements with them and facilitate their sampling of each load.

Yours sincerely,



Michael Lavelle

Senior Engineer, Infrastructure & Development

ATTACHMENT E.3: EMISSIONS TO SEWER

**Environmental Protection Agency**  
**18 NOV 2005**

TABLE E.3(i): EMISSIONS TO SEWER

Emission Point:

Emission Point Ref. N <sup>o</sup> :	SEW1
Location of connection to sewer:	Not Known - to be agreed with Agency
Grid Ref. (10 digit, 5E,5N):	Not Known - to be agreed with Agency
Name of sewage undertaker:	Cork County Council, Fermoy Waste Water Treatment Plant

Process water (washings) is currently trucked off-site to Fermoy WWTP. Foul water is treated on-site in 2 septic tank systems. It is proposed to bring the main sewer to the site. If this occurs it is planned to sewer the washings and foul water in agreement with Cork County Council. The Emission Details below refer to the process water discharge only.

Emission Details:

(i) Volume to be emitted			
Normal/day	2 m <sup>3</sup>	Maximum/day	5 m <sup>3</sup>
Maximum rate/hour	1 m <sup>3</sup>		

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

Periods of Emission (avg)	<u>60</u> min/hr <u>24</u> hr/day <u>365</u> day/yr Intermittent – depending on use
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**TABLE E.3(ii): EMISSIONS TO SEWER - Characteristics of the emission**

*Emission point reference number: SEW-1*

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	
pH	Variable (a)				6 - 10				
BOD	1000				1000				
COD	3000				3000				
Total Suspended Solids	2000				2000				
Total Nitrogen (as N)	50				50				
Total Phosphorus(as P)	50				50				
Chloride	500				500				
Total Heavy Metals	1				1				

(a) The pH of the rinse waters (currently trucked to **land**) will be adjusted before discharge if necessary.