



Environmental Protection Agency  
*An Ghníomhaireacht um Chaomhnú Comhshaoil*

Sanitary Department  
Cork County Council  
County Hall  
Cork  
Attn: Director of Services, Sanitary Section

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Lo Call: 1890 33 55 99

10 October 2005

Reg No: 50-2

Dear Sir/Madam

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.



Guardians of the Environment

Yours sincerely

A handwritten signature in black ink, appearing to read 'Sonja Smith', written over a horizontal line.

**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, County Hall, 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>	

GENERAL CONSENT CONDITIONS	Condition to be included (Yes/No)
1. No specified emission from the installation shall exceed the emission limit value set out in <i>Schedule B: Emissions Limits to Sewer</i> . There shall be no other 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 place, the licensee shall notify the Agency, Local Authority and Sanitary Authority as soon as practicable after the incident.	





## 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>(if required)</i>		

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of process effluent (per s52 of the W 4: 1 Acts, 1996 to 2003)	
Annual Monitoring	

**Signed on behalf of**

\_\_\_\_\_

Date \_\_\_\_\_

**ATTACHMENT E.3: EMISSIONS TO SEWER**

TABLE E.3(i): EMISSIONS TO SEWER(One page for each emission)

Emission Point:

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

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 mains sewer to the site. If this occurs it is planned to sewer the washings and foul water if acceptable to Cork County Council. Sewer emission details are estimated based on current washings trucked off site and the domestic load of employees at the facility.

Emission Details:

Normal day	30 m <sup>3</sup>	Maximum/day	50 m <sup>3</sup>
Maximum rate/hour	3.0 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** (1 table per emission point)

*Emission point reference number = SEW-I*

Parameter									% 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	
					<b>PROPOSED TO SANITARY AUTHORITY (CORK COUNTY COUNCIL)</b>				
pH					6 - 10				
BOD					3000				
COD					3000				
Total Suspended Solids					2000				
Total Nitrogen (as N)					50				
Total Phosphorus(as P)					50				
Chloride					500				
Total Heavy Metals					1				

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

**TABLE F.3.3: SHANOWENADRIMINA STREAM SEDIMENT**

*Monitoring Point Reference No(s).* : **WSP 1 and WSP 2**

The sediment quality is monitored at points above (WSP-1) and below (WSP-2) the discharge of the surface water run-off from the site.

Parameter	Monitoring frequency	Sampling Points
Cadmium Cd	Annually	Accessible
Chromium Cr	Annually	Accessible
Copper Cu	Annually	Accessible
Lead Pb	Annually	Accessible
Nickel Ni	Annually	Accessible
Zinc Zn	Annually	Accessible
Hydrocarbons	Annually	Accessible

The ecology and environmental quality (EPA “Q” scale) of the Shanowendramina stream at locations WSP-I (above) and WSP-2) below the outfall of the surface water drain is monitored annually. A contractor (Aquatic Services Unit of University College Cork) takes samples and analyses the relative populations of flora and fauna.

**It is not proposed to change the surface water monitoring program.**

**F.4: SEWER DISCHARGE MONITORING**

At present there is no discharge to sewer of any sewer connection. Once the connection is made a monitoring program will be instigated. Monitoring of sewer discharge will be carried out at a point to be agreed with the sanitary authority and approved by the agency.

The frequency of sampling and the tests to be carried out are recorded in Table F.4.1.

**TABLE F.4.1: SEWER DISCHARGE MONITORING**

*Monitoring Point Reference No(s).* : **SE-1**

Parameter	Monitoring frequency	Sampling Points
pH	Quarterly	Will be Accessible
BOD	Quarterly	Will be Accessible
COD	Quarterly	Will be Accessible
Total Suspended Solids	Quarterly	Will be Accessible
Total Nitrogen (as N)	Quarterly	Will be Accessible
Total Phosphorus(as P)	Quarterly	Will be Accessible
Chloride	Quarterly	Will be Accessible
Total Heavy Metals	Quarterly	Will be Accessible