

50-2
off

AVR

AVR - SAFEWAY Ltd



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. ■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 ³ /week
LIMITS:	
pH	6-10
BOD	1,000 mg/l
COD	3,000 mg/l
Total Suspended Solids	2.000 ma/l
Total Nitrogen (as N)	50 mg/l
Total Phosphorus(as P)	50 mg/l
Chloride	500 mg/l
Total Heavy Metals	1mg/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 m³/day process water to the sewer with the same limits.



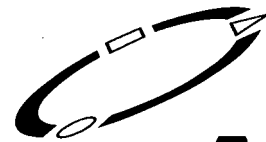
Licensed Hazardous Waste
Transfer Station
License No. 50-1

Corrin, Fermoy
County Cork
Ireland

T: +353 - (0) 25 - 42944 .
F: +353 - (0) 25 - 33885
E: info@avr-safeway.com

www.avr-safeway.com

AVR 0001



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

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



Licensed Hazardous Waste
Transfer Station
License No. 50-1

Corrin, Fernoy
County Cork
Ireland

T: +353 - (0) 25 - 42944
F: +353 - (0)25 - 33885
E: info@avr-safeway.com

www.avr-safeway.com

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 ^o :	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>For inspection purposes only. Consent of copyright owner required for any reuse.</i>			
Normal/day	2 m ³	Maximum/day	5 m ³
Maximum rate/hour	1 m ³		

Periods of Emission (avg)	<u>60</u> min/hr <u>24</u> hr/day <u>365</u> day/yr Intermittent – depending on use
---------------------------	--

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 Fermoy W VIP) is and will be adjusted before discharge if necessary.

Comhairle Contae Chorcaí Cork County Council

County Hall,
Cork, Ireland.

Tel.: (021)4276891 • Fax: (021)4276321

Web: www.corkcoco.ie

Halla an Chontae,
Corcaigh, Eire.



Fon: (021)4276891 • Faics: (021)4276321

Suíomh Gréasáin: www.corkcoco.ie

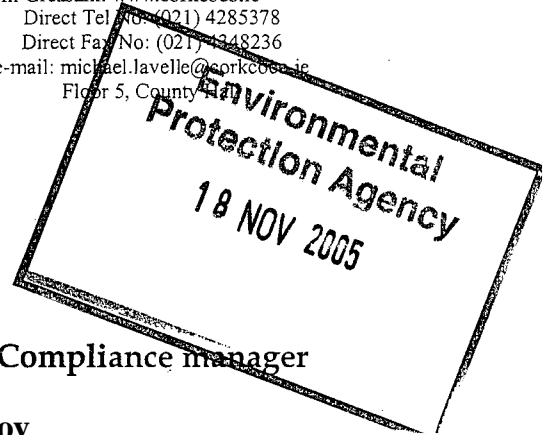
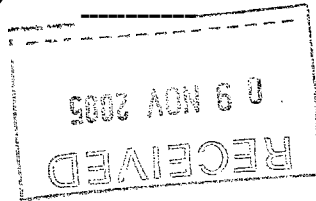
Direct Tel No: (021) 4285378

Direct Fax No: (021) 4348236

e-mail: michael.lavelle@corkcoco.ie

Floor 5, County

AVR-Safeway Ltd,¹
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.

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

	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

¹ Copies to Messrs. Brendan O'Gorman, Mitchelstown and Flannan Groarke, Fermoy

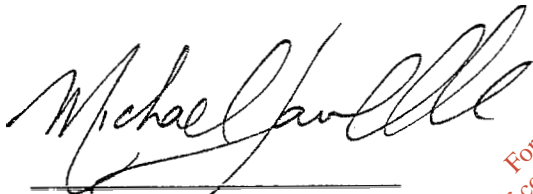


The Council considers that the material in the quantities envisaged will not damage the treatment plant infrastructure or the treatment process and agrees to allow you discharge to one of our plants. Due to contractual issues, the Council cannot currently allow you to discharge to the Fermoy plant, but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



Michael Lavelle

Senior Engineer, Infrastructure & Development

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