

## LF EP05 Environmental Monitoring Procedure

### Change History

Revision Number	Description of Change	Date
00	First issue	06.09.2016
01	Replaced Controlled Document 103c Għallis & Żwejra Monitoring Plan with Controlled Document 201 MN, Għallis & Żwejra Environmental Monitoring Programme. Change in designation from Lab Technician to Technical Officer – Laboratory. Addition of Controlled Document 357 Landfill Sniff Test Monitoring. Included submission of monitoring results with Annual Environmental Report to ERA.	03.09.2021

Written by: Michael Grech  
Michael Grech, Professional Officer – Management Systems

Date: 03/09/2021

Reviewed by: E. Desira  
Elaine Ellul Desira, Manager – Management Systems

Date: 03/09/2021

Approved by: P. S. Farrugia  
Paula Farrugia, Technical Officer – Laboratory

Date: 03/09/2021

Approved by: D. Tabone  
Daniel Tabone, Deputy Chief Operations Officer

Date: 28/09/2021

## 1 PURPOSE

The purpose of this procedure is to define the process of environmental monitoring required to control the environmental aspects and impacts identified.

## 2 SCOPE

This procedure applies to Ghallis and Żwejsra Non-hazardous Engineered Landfill. Monitoring of interest includes:

- Landfill Gas and Stack Emissions Monitoring
- Odour Monitoring
- Leachate Monitoring
- Groundwater Monitoring
- On-site Surface Water Monitoring
- Agriculture and Soils Monitoring
- Coastal Waters and Sediment
- Noise Monitoring
- Weather data monitoring

## 3 REFERENCE DOCUMENTS

- Controlled Document 104 Ghallis Environmental Monitoring Raw Data
- Controlled Document 105 Żwejsra Environmental Monitoring Raw Data
- Controlled Document 106 Landfill Odour Log
- Controlled Document 201 MN, Ghallis & Żwejsra Environmental Monitoring Programme
- Controlled Document 357 Landfill Sniff Test Monitoring

## 4 RESPONSIBILITIES

The personnel responsible for the procedure are identified in the list below. All responsibilities are clearly defined in **Section 5 Method** and the relevant flow chart.

- Plant Manager
- Senior Manager- Compliance & Standardisation
- Contractor
- Technical Officer – Laboratory

## 5 METHOD

The attached flow chart offers further guidance to the process.

## 6 RECORDS

Records considered critical for this procedure are treated as follows:

Reference Document	Person responsible for maintaining the Document	Document Storage Location	Duration of time Records are kept
Environmental Monitoring Test Reports (by Contractor)	Technical Officer – Laboratory	Technical Officer – Laboratory Office	All records are kept indefinitely
Controlled Document 104 Għallis Environmental Monitoring Raw Data			
Controlled Document 105 Żweġra Environmental Monitoring Raw Data			
Controlled Document 106 Landfill Odour Monitoring Log			
Controlled Document 357 Landfill Sniff Test Monitoring.			

