

## MEC EP 05 Environmental Monitoring Procedure

### Change History

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Date:

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## 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 Għallis Non-hazardous Engineered Landfill. Monitoring of interest includes:

- Landfill Gas and Stack Emissions Monitoring
- Odour Monitoring
- Ambient Air Emissions 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 103a Environmental Monitoring Programme for the Non-Hazardous Engineered Waste Landfill at Għallis
- Controlled Document 103c Għallis & Zwejra Monitoring Plan
- Controlled Document 104 Għallis Environmental Monitoring Raw Data
- Controlled Document 106 MEC Odour Log

## 4 RESPONSIBILITIES

The **Lab Technician** shall be responsible for:

- Acquiring and coordinating services of contractors for carrying the necessary tests as per the environmental monitoring program and frequencies set out in Controlled Documents 103;
- Carrying out in-house environmental monitoring as per environmental monitoring programmes;
- Gathering results from in-house and contracted test/s and compare results with the limits defined in the environmental monitoring program;
- Forwarding of test results to Works manager, once received;
- Informing and investigating with Works Manager any abnormal readings or exceedances;
- Updating the respective Raw Data log sheet with findings

The **Contractor** shall be responsible for:

- Carrying out the required environmental monitoring test;
- Compiling test report (analysis) and forward test report to Lab Technician.

The **Works Manager** shall be responsible for:

- Investigating abnormal readings or exceedances together with the Lab Technician.

## 5 METHOD

Refer to the flow chart attached.

## 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)	Lab Technician	Lab Technician Office	All records are kept indefinitely
Controlled Document 104 Ghallis Environmental Monitoring Raw Data			
Controlled Document 106 MEC Odour Log			

