

F.2 Emission Monitoring and Sampling Points

Locations

The current licence identifies dust, noise, surface water and foul sewer monitoring points. These are considered suitable monitoring locations for the proposed acceptance of ash waste. The proposed changes may rise to any new air emission point. The current monitoring locations are shown on Drawing No 001.

Monitoring Methodologies

Noise

Noise monitoring is carried out annually at three locations within the site boundary (refer to Drawing No.001) and one off-site noise sensitive location approximately 200m to the south of the site. The monitoring methodology complies with International Standard ISO 1996-2:2007 Acoustics – Description, measurement and assessment of environmental noise, Part 2: Determination of environmental noise levels (2007).

Ambient Air Monitoring

Dust deposition monitoring is carried out at four locations (DS-1 to DS-4) and is conducted in accordance with VDI 2119 '*Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method)*', German Engineering Institute. The monitoring is carried out quarterly and one event will be between May and September.

Air Emission Point Monitoring

The monitoring details will be agreed in advance with the Agency.

Surface Water

When there is an emission to the surface water sewer grab samples are collected quarterly at the two surface water monitoring points (SW-1 and SW-2).

Wastewater

Grab samples of the wastewater emission are collected bi-monthly at location SE-1.