

Attachment F

Control and Monitoring

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F.1 Treatment, Abatement and Control Systems

The abatement and control system employed for surface water emissions are described in Sections 3.3.2 and 6.4 of the Environmental Impact Statement. The abatement and control measures for emissions to air are described in Sections 3.5.1, 5.3.3, 6.5, 7.2 and 7.12.

The abatement and control measures for noise emissions are described in Sections 5.3.4, 6.10, 7.3 and 7.14 and the proposed control methods that will be applied to minimise the risk of nuisance from pests and vermin are described in Section 8.6.

F.2 Emissions Monitoring and Sampling Points

Air Monitoring and Sampling Points

It is not anticipated that dust will be significant issue at the facility. There is operational feature of the process that will generate dust at the site. Where a dust issue should arise, specific procedures will be carried out to ensure that the issue is dealt with in an appropriate manner and rectified immediately.

Surface Water Monitoring and Sampling Points

Surface and Roof water at the facility will be diverted to an existing stream west of the site boundary via a monitoring point indicated as SW2 on the site plan 001 attached. The storm water will be monitored prior to entering the existing water body at the monitoring location SW1.

Surface water runoff from trafficked areas and internal roads will be directed to a proposed Integrated Constructed Wetland System which will constitute of 4 No ponds located within the main site for treatment prior to discharge to the adjacent surface water course.

The discharge from the last pond will be diverted into the adjacent watercourse, via a monitoring point. A visual inspection of these monitoring points will be made and recorded weekly.

A sample will be taken from both monitoring points annually and analysed for COD at an independent laboratory.

Monitoring Point: SW1

Grid Reference: E146422.36, N42476.26

Monitoring Point: SW 2

Grid Reference: E146662.41, N42723.32

F.3 Tabular Data on Monitoring and Sampling Points

Point Code	Point Type	Easting	Northing	Verified	Emission
SW1	Surface water	E146422.36	N42476.26	N = GPS not used	H ₂ O
SW2	Surface water	E146662.41	N42723.32	N = GPS not used	H ₂ O

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