

ATTACHMENT F

Control & Monitoring

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ATTACHMENT F.1

Treatment, Abatement and Control Systems

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Attachment F.1 Treatment, Abatement and Control Systems

Aerosol Control

Details on proposed bio-aerosol control measures are presented in Section 6.7 of the Project Description that accompanies this application.

Bird Control

Birds can be attracted to waste management facilities if there is available food for them to scavenge. The wastes accepted at the facility will not contain foodstuff or other materials attractive to birds. Bird control measures will not be required.

Dust Control

Details on proposed dust control measures are presented in Section 6.6 of the Project Description that accompanies this application.

Fire Control

The following measures will be implemented to deal with any fires at the facility: -

- Fire extinguishers will be strategically located on-site.
- Employees will be trained in fire prevention and control.
- Emergency response contact numbers (fire, gardai, ambulance and other agencies) will be prominently posted at various locations.

KTS will comply with all fire control conditions and the requirements set out in the "Fire Certificate", issued by the planning authority.

Litter Control

Site activities will not generate litter. While the incoming waste may contain paper and plastic the volumes will be negligible and will not result in litter. All materials removed from the waste during the pre-treatment and post composting screening stages will be stored in enclosed containers to minimise the potential for wind blown material.

Odour Control

Details on proposed odour control measures are presented in Section 6.4 of the Project Description that accompanies this application.

Roads Cleansing

The access road to the site, and the hardstanding areas will be routinely cleaned to collect any green waste that may inadvertently fall from delivery vehicles.

Traffic Control

Access to and from the site will be controlled by security barriers operated by the weighbridge operator. Vehicles will be directed to the appropriate off-loading area. A car park for staff members and hardstanding areas for trucks and other vehicles will be provided. Sufficient space will be provided between the weighbridge and the entrance gate to avoid vehicle queuing on the access road.

Vermin Control

The type of waste that will be accepted at the facility and the waste processes that will be carried out are not attractive to vermin or flies and the facility will not be a source of nuisance caused by such vectors. Therefore, control measures are not required.

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ATTACHMENT F.2

Monitoring & Sampling Points

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Attachment F.2 Monitoring & Sampling Points

Dust Monitoring

Baseline monitoring was carried out in August 2004, the results of which are discussed in Section 3.7 of the Project Description that accompanies this application.

It is proposed to carry out dust monitoring at the facility at three monitoring locations twice per annum. It is not anticipated that dust will be a significant issue at the facility. There is no operational reason for any significant seasonal variation in dust generated at the site. The proposed monitoring locations are shown on Drawing No. F.1.0.

Odours

It is not expected that odours will be a problem at the facility. Daily site inspections will however monitor the presence of odours at the perimeter of the site on an on-going basis.

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Two Residences
Semi-Detached

NSLI

Concrete Batch
Plant

Worked Out
Sand & Gravel Quarry

Worked Out
Sand & Gravel Quarry

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- D1 - Dust Location
- N1 - Noise Location
- NSLI - Noise Sensitive Location
- SW1 - Surfacewater Monitoring Location



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CLIENT
Kings Tree Services Ltd

DETAILS

DRG. No.
F.1.0

TITLE
Proposed Monitoring Locations

SCALE REV.
NTS A

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ATTACHMENT F.3

Surface Water

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Attachment F.3 Surface Water

The discharge from the oil interceptor to the soakway will be monitored at quarterly intervals at location SW-1 as shown on Drawing No. F.1.0.

The proposed ranges of parameters are: -

- Total Nitrogen,
- Total Ammonia,
- Biochemical Oxygen Demand,
- Chemical Oxygen Demand,
- Electrical Conductivity,
- pH,
- Temperature.

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ATTACHMENT F.4

Sewer Discharge

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Attachment F.4 Sewer Discharge

There will be no discharge to sewer at the site. It is proposed to dispose of leachate to an off-site wastewater treatment plant. The quality of the leachate will be monitored at intervals agreed with the operator of the waste water treatment plant. The proposed ranges of parameters are:-

- Total Ammonia,
- Biochemical Oxygen Demand,
- Chemical Oxygen Demand,
- Electrical Conductivity,
- pH,
- Temperature,
- Suspended Solids.

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ATTACHMENT F.5

Groundwater Monitoring

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Attachment F.5 Groundwater Monitoring

KTS do not propose to conduct groundwater monitoring on the site as there will be no direct or indirect emissions to groundwater from the waste activities.

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ATTACHMENT F.6

Noise

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Attachment F.6 Noise

Baseline noise monitoring was carried out at the site in September 2004. The results are presented in Section 3.10 of the Project Description that accompanies this application. KTS proposes to conduct a noise survey annually at the locations shown on Drawing No. F.1.0.

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ATTACHMENT F.7

Meteorological Data

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Attachment F.7 Meteorological Data

Meteorological data from the stations at Dublin Airport, and Glenealy is discussed in Section 3.2 of the Project Description that accompanies this document. It is proposed that the station at Dublin Airport be used to obtain annual meteorological monitoring data.

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