

## 4.8 Operational Report

This report provides a description of the site operations and the condition of the site including soil and groundwater. The report includes details of all plant and equipment, methods, processes, abatement, recovery and treatment systems and operating procedures that will be employed at the site.

The facility will operate in accordance with a Waste Acceptance Procedures provided in section 4.3.4 of the application.

### Site Operation

The proposed facility is for the recovery of inert soil and stone to enable to restoration of the site to restoration contours that tie in with the surrounding landscape.

Waste trucks will enter the site from the L1002 and proceed to the weighbridge where the waste haulier will provide the required waste documentation. A visual inspection of the waste contained in the truck will be carried out to assess whether there is physical contamination of the waste. Any waste found to contain physical contamination will be rejected and directed away from the facility. The trucks will proceed to the active restoration area via internal haul roads once approval has been given by the weighbridge operator who will control the level of traffic to the restoration area to maintain health & safety standards at the site.

The waste soils unloaded at the active restoration area will be immediately placed and compacted to prevent dust blow. Any co-mingled non-compliant wastes will be segregated and removed to the waste quarantine area for disposal to appropriate waste disposal or recovery facilities.

### Plant

It is anticipated that 1 No. bulldozer will be used to doze, place and grade the surfaces of the restoration. Final cover material will be either stockpiled or to a final restoration surface where it will be levelled and prepared for seeding. A tracked excavator may be used occasionally for contouring and landscaping works in accordance with the restoration plan. A tractor and water bowser will be used for the suppression of dust at the site during dry windy periods.

### Waste Quarantine Areas

A waste quarantine area will be provided on-Site to hold non-compliant wastes, pending removal from Site to appropriate waste disposal or recovery facilities. The quarantine area will be hardstand comprising compacted hardcore and will be suitably located. See Drawing 001 Rev A for proposed location of waste quarantine area.

### Traffic Control

All traffic to and from the Site will use the existing entrance from the L1002. The existing Site entrance was constructed in accordance with the standards set out in the "Design Manual for Roads and Bridges". All trucks delivering inert waste will be confined within the Site boundary. There will be no queuing on the local road network prior to unloading of wastes.

### Abatement

#### Dust

Dust will be minimised via the following methods:

Existing macadam surfaces at the entrance to the Site will significantly reduce the generation of dust at the public interface. In dry, windy weather conditions, the pit backfilling and restoration activities may give rise to dust blows from the application site to external receptors. In order to control dust emissions, the following control measures will be implemented:

- Use of the wheel-wash will ensure mud is not trafficked on pavements;
- Dust blows will be partially screened by the pit side walls and screening bunds as backfilling progresses upwards;
- As the level of the backfilled materials approaches final surface levels, the site will be seeded with grass on a phased basis, as soon as practicable after placement of cover soils (subsoil and topsoil). This will help to minimise soil erosion and potential dust emissions;
- Areas of exposed soils will be kept to a minimum where practical; and
- The amount of dust or fines carried onto the public road network will be further reduced by periodic sweeping of internal paved site roads and the existing public roads, if required.
- All incoming HGV loads containing dry material will be covered;
- Speed restrictions of 20KM will apply to HGVs on site roads;
- Use of a bowser, during dry dusty conditions to reduce dust on hard standing areas;
- Material handling systems and site stockpiling of materials shall be designed to minimise dust blow. The double handling of material will be avoided where possible.
- Regular dust monitoring to confirm that there is the dust emissions from the site are in compliance with the requirements of the Waste Licence.

## Surface Water

All paved surfaces at the Site will drain to roadside drains and natural discharge through the sands and gravels on site. Although it is thought the backfill materials will be of mixed grain size and well sorted (and therefore allow adequate infiltration of rain water); if required, a toe-drain / surface water ditch will be installed at the lowest topographical point to manage potential runoff and sediment loading of surface waters from the depositional area. Where required, desiltation of the drain will occur in order to manage any reduction in drainage capacity.

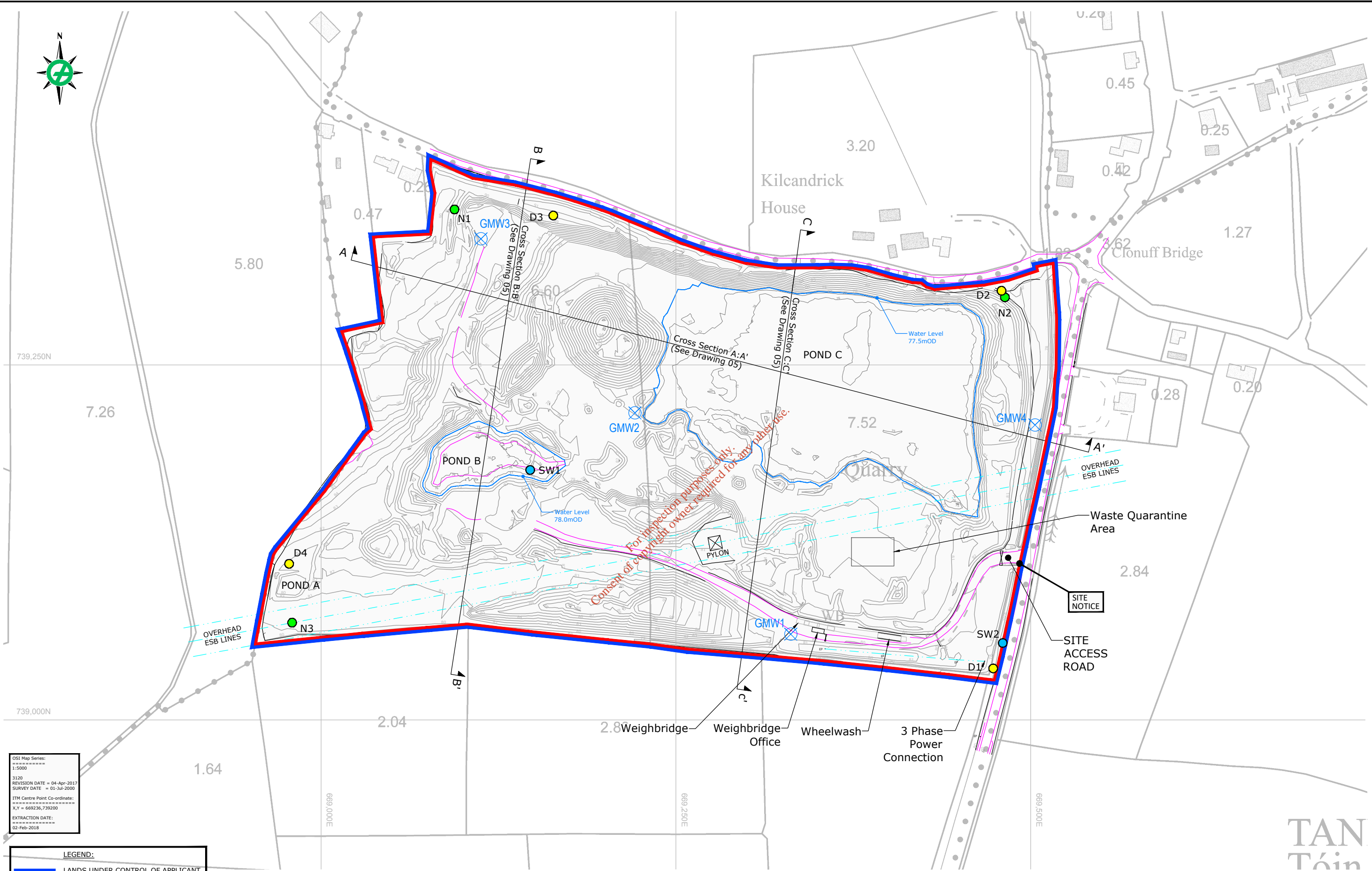
## Noise

The main source of noise will be from the onsite plant and incoming/outgoing HGV's. Noise associated with incoming/outgoing HGVs and mobile restoration plant and machinery will be controlled as follows:

- Opening hours/waste acceptance hours will be controlled as specified in section 3 of the application;
- Warning notices, direction signs and speed restriction signs will be erected along site roads leading, to reduce traffic speed and noise;

- Maintenance and good housekeeping at site roads and hardstanding areas;
- Perimeter screening including existing embankments/berms;
- Regular and routine servicing and maintenance of plant; and
- Unnecessary idling of plant will is not permitted.

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OSI Map Series:  
1:5000  
3120  
REVISION DATE = 04-Apr-2017  
SURVEY DATE = 01-Jul-2000  
ITM Centre Point Co-ordinate:  
X,Y = 669236,739200  
EXTRACTION DATE:  
02-Feb-2018

- LEGEND:**
- LANDS UNDER CONTROL OF APPLICANT
  - APPLICATION SITE BOUNDARY
  - EXISTING GROUND CONTOUR (mOD)
  - CROSS SECTION (See Drawing 05)
  - EXISTING GROUND WATER WELL
  - NOISE MONITORING
  - DUST MONITORING
  - SURFACE WATER MONITORING

**NOTES:**  
GRID REFERENCES ARE IN METRES & TO ITM SYSTEM.  
LEVELS ARE IN METRES & TO O.S. DATUM.  
DIMENSIONS ARE IN METRES.



OSI Licence No.:  
AR 0056018

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CLIENT	GOODE CONCRETE HOLDINGS LTD.		PROJECT	WASTE LICENCE APPLICATION & EIAR, BALLINDERRY, Co. KILDARE.	
CONSULTANT	YYYY-MM-DD	2018-May-30	TITLE	SITE PLAN	
	PREPARED	AD	PROJECT No.	DRAWING No.	Rev.
	DESIGN	POB	1894029	01	A
	REVIEW	BB			
	APPROVED	BB	SCALE	1:2,500 A3	

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25 mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ISO A3