

ATTACHMENT F6 – GROUNDWATER MONITORING AND SAMPLING

Details of the groundwater monitoring and sampling to be undertaken at the proposed waste recovery facility are provided in Chapter 2, Paragraphs 2.120 to 2.123 of the Environmental Impact Statement.

Proposed monitoring locations at existing groundwater wells are shown in Figure F6-1 and Figure 6-1 of the Environmental Impact Statement.

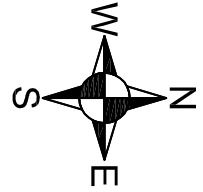
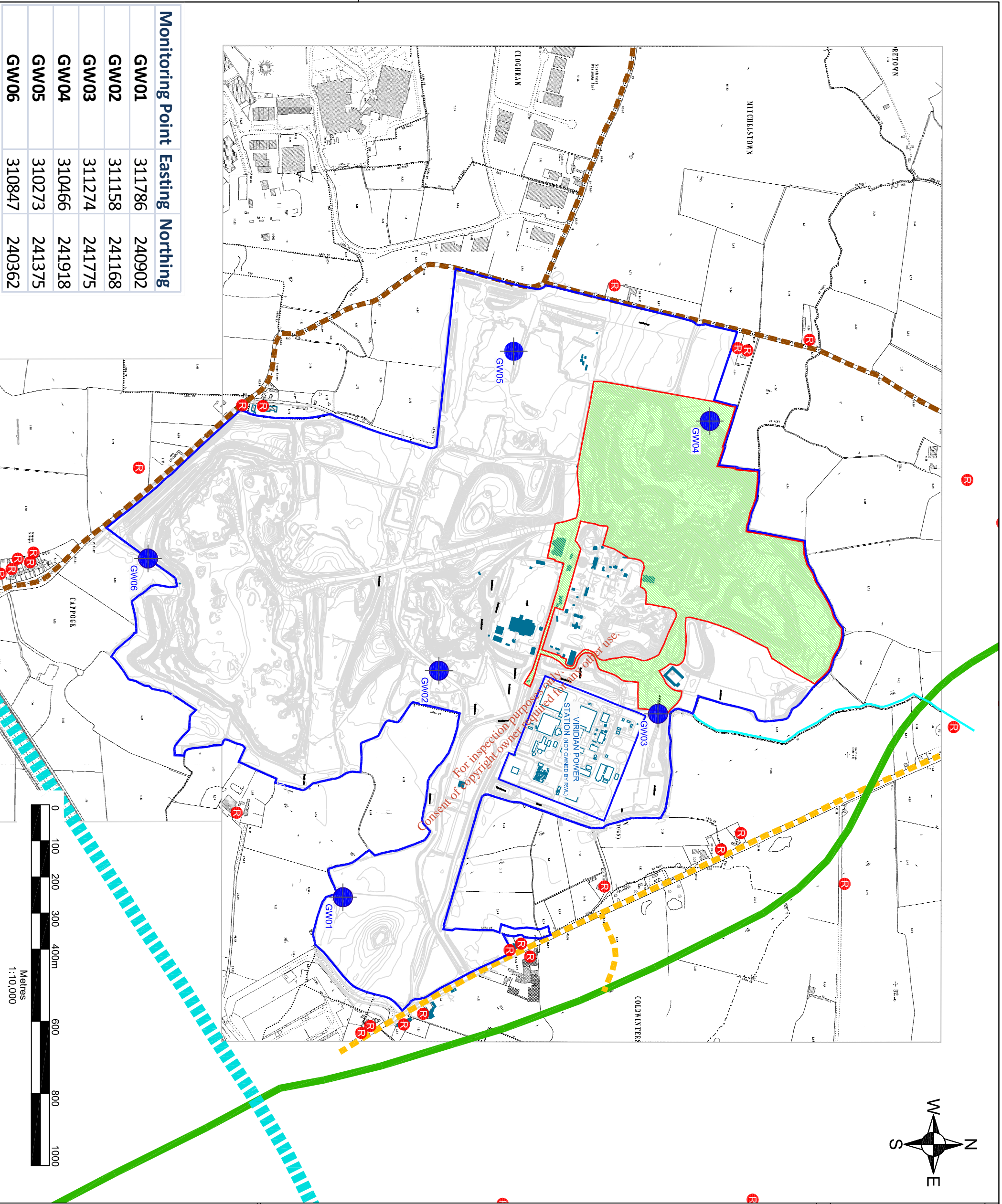
Monitoring Reference No.	Parameter	Monitoring Frequency	Location (Grid Co-ordinates)	Accessibility of Sampling Points
GW01	Note 1	Bi-annually	311786E, 240902N	Easy : open ground
GW02	Note 1	Bi-annually	311158E, 241168N	Easy : open ground
GW03	Note 1	Bi-annually	311274E, 241775N	Easy : open ground
GW04	Note 1	Bi-annually	310466E, 241918N	Easy : open ground
GW05	Note 1	Bi-annually	310273E, 241375N	Easy : open ground
GW06	Note 1	Bi-annually	310847E, 240362N	Easy : open ground

Note 1 : Groundwater test parameters to include Temperature, pH, Dissolved Oxygen, Conductivity, Sodium, Potassium, Chloride, Ammoniacal Nitrogen, Sulphate, Dissolved Metals (Ca, Cu, Fe, Pb, Mg, Mn, Ni and Zn) and Total Alkalinity

Table F6.1 Groundwater Monitoring Points

For inspection purposes only.
Consent of copyright owner required for any other use.

Monitoring Point	Easting	Northing
GW01	311786	240902
GW02	311158	241168
GW03	311274	241775
GW04	310466	241918
GW05	310273	241375
GW06	310847	240362



- NOTES**
1. EXTRACT FROM 1:2,500 ORDNANCE SURVEY DIGITAL SHEET NOS. 3062-A, 3062-B, 3062-C, 3062-D, 3063-A, 3063-C, 3130-A & 3130-B
 2. ORDNANCE SURVEY IRELAND LICENCE NO. SU 0000711 (C) ORDNANCE SURVEY & GOVERNMENT OF IRELAND
 3. TOPOGRAPHIC SURVEY PREPARED BY FUGRO BKS BASED ON MAY 2009 AERIAL PHOTOGRAPHY

LEGEND

	ROADSTONE WOOD LTD. LANDHOLDING (c. 201.8 ha)
	WASTE LICENCE APPLICATION AREA (c. 35.9 ha)
	N2 NATIONAL PRIMARY ROUTE (DUAL CARRIAGEWAY)
	NORTH ROAD (R135)
	LOCAL ACCESS ROAD
	M50 MOTORWAY
	LOCATION OF NEAREST RESIDENCES
	GROUNDWATER MONITORING WELL LOCATION

SLR SLR CONSULTING IRELAND
 7 DUNDURKIL BUSINESS PARK
 WINDY ARBOUR DUBLIN 14
 T: +353-1-2964667
 F: +353-1-2964676
 www.slrconsulting.com

ROADSTONE WOOD LTD.
 WASTE LICENCE APPLICATION
 WASTE RECOVERY FACILITY,
 HUNTSTOWN QUARRY,
 NORTH ROAD, FINGLAS, DUBLIN 11
 GROUNDWATER MONITORING WELL LOCATIONS

FIGURE F6-1

Scale: 1:10,000 @ A3 Date: FEBRUARY 2011