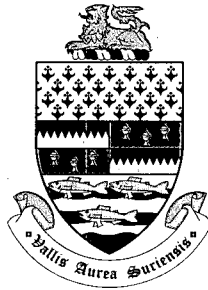


South Tipperary County Council
County Hall, Clonmel, Ireland.

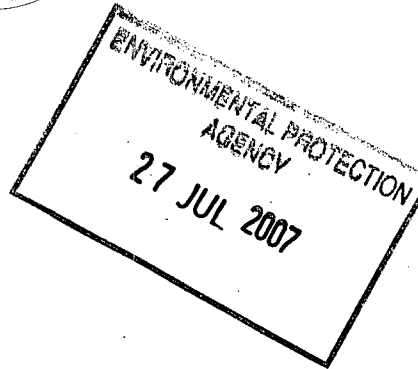
Telephone 052-26152/26149
1800 202627
Fax 052-34391

E-mail secretary@southtippcoco.ie
www.southtippcoco.ie



Comhairle Contae Thiobraid Árann Theas
Aras an Chontae, Cluain Meala, Eire.

Teileafon 052-26152/26149
1800 202627
Fax 052-34391



Ms. Suzanne Wylde,
Office of Licensing and Control,
Environmental Protection Agency,
EPA Headquarters,
P.O. Box 3000,
Johnstown Castle Estate,
Co. Wexford

20th July 2007

**RE: Request for Additional Information for Technical Amendment
to Waste Licence W0074-02**

Dear Ms. Wylde,

Further to your site visit 27/06/07 I wish to provide the following additional information \ clarifications re our request for a Technical Amendment to Waste Licence W0074-02.

- Site map "STCC-DLC_Map 3 - Gas Monitoring Extraction Locations_Rev A" and site map "STCC-DLC_Map 4 - Leachate Monitoring Extraction Locations_Rev A" showing the site at time of issue of waste licence W0074-02 are attached. The monitoring locations L1 to L4 and G1 to G4 as shown in these drawings are still used, but the locations have moved slightly as shown in the attached drawing "DE07-024-04-002 Rev E - Environmental Monitoring Locations" showing current site infrastructure.
- Site map "DE07-024-04-010 Rev A - Existing, Proposed and Obsolete Surface Water Monitoring Locations" is attached. As shown on this map the surface water monitoring point SW6 is now obsolete. It was the sample point from the marsh area, the new cell (Area 4) is now located there. The proposed location of SW8 is also shown on this map.
- Site map of current site surface water infrastructure and proposed changes "DE0702404-009-(B) - Proposed Surface Water Infrastructure" is attached. A



I:\Waste\Collection and Infrastructure\Landfill Sites\Donohill\DONOHILL WM LFS
29\Correspondance\EPA\2007\Request for Further Information Technical Amendment July 2007.doc

Enquiries to Environment Section



silt trap and oil interceptor will be installed before the discharge from SW5. Silt traps will be installed before the discharges from SW7 and SW8.

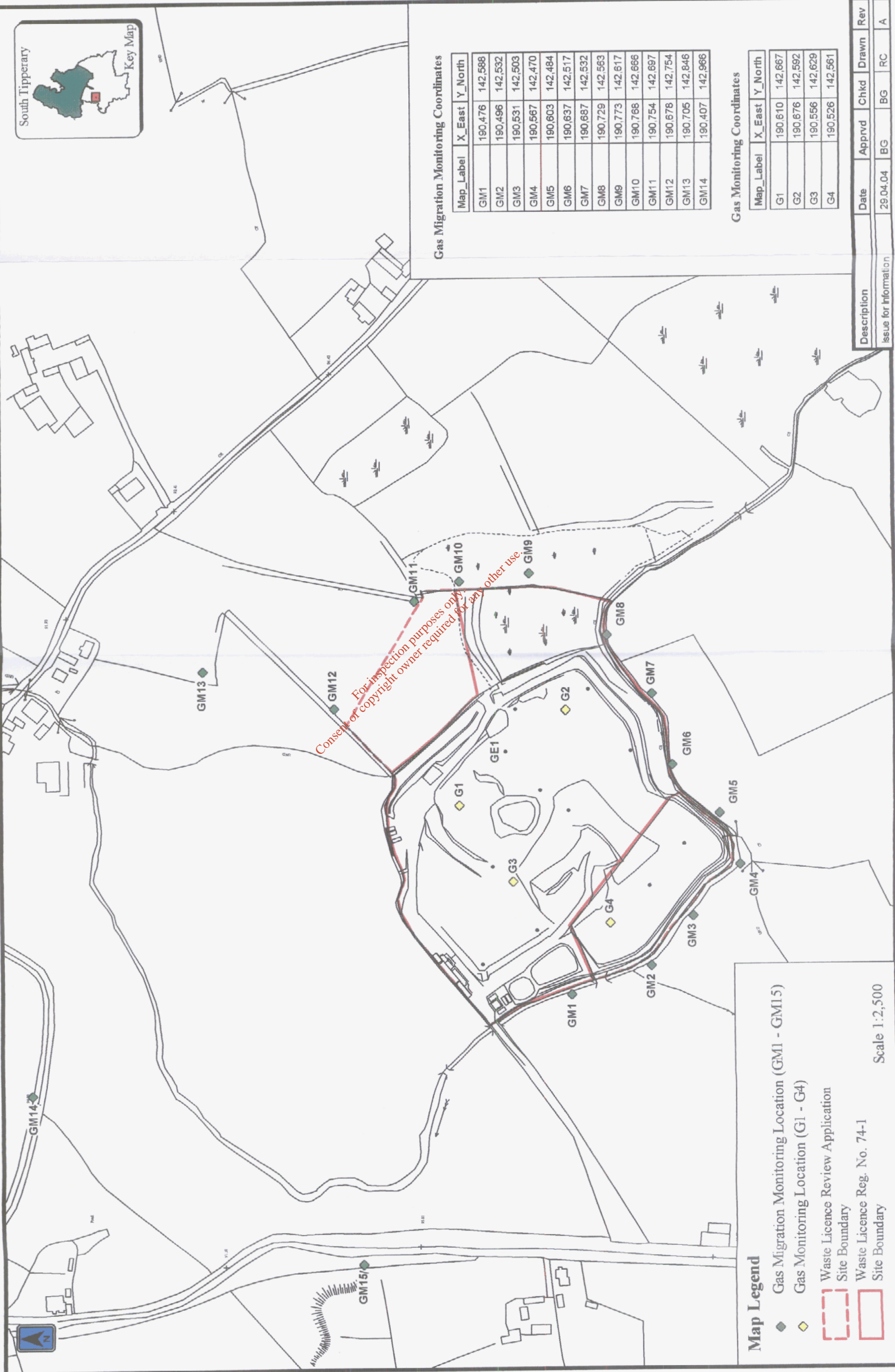
- The estimated amount of discharge from SW5, SW7 and SW8 is as follows (based on 2006 rainfall data):
 - Annual Estimated Volume at SW5: 2,257m³
 - Annual Estimated Volume at SW7: 12,339m³
 - Annual Estimated Volume at SW8: 1,218m³

If you have any queries please contact this office.

Yours sincerely,


Louise Ryan,
Landfill Manager

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Gas Migration Monitoring Coordinates

Map_Label	X_East	Y_North
GM1	190,476	142,588
GM2	190,496	142,532
GM3	190,531	142,503
GM4	190,567	142,470
GM5	190,603	142,484
GM6	190,637	142,517
GM7	190,687	142,532
GM8	190,729	142,563
GM9	190,773	142,617
GM10	190,768	142,666
GM11	190,754	142,697
GM12	190,678	142,754
GM13	190,705	142,846
GM14	190,407	142,966

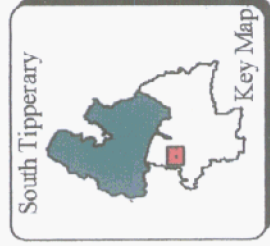
Gas Monitoring Coordinates

Map_Label	X_East	Y_North
G1	190,610	142,667
G2	190,676	142,592
G3	190,556	142,629
G4	190,526	142,561

Map Legend

- ◆ Gas Migration Monitoring Location (GM1 - GM15)
 - ◆ Gas Monitoring Location (G1 - G4)
 - Waste Licence Review Application Site Boundary
 - Waste Licence Reg. No. 74-1 Site Boundary
- Scale 1:2,500

Description	Date	Apprvd	Chkd	Drawn	Rev
Issue for Information	29.04.04	BG	BG	RC	A



Map Legend

- ◆ Leachate Level Monitoring Location (L1 - L4)
 - ◆ Leachate Composition Monitoring Location (LC1 - LC4)
 - Waste Licence Review Application Site Boundary
 - Waste Licence Reg. No. 74-1 Site Boundary
- Scale 1:2,000

Leachate Level Monitoring Coordinates

Map_Label	X_East	Y_North
L1	190,610	142,667
L2	190,676	142,592
L3	190,556	142,629
L4	190,526	142,561

Leachate Composition Monitoring Coordinates (Approximate Locations)

Map_Label	X_East	Y_North
LC1	190,495	142,584
LC2	190,510	142,593
LC3	190,496	142,615
LC4	190,495	142,600

Description	Date	Apprvd	Chkd	Drawn	Rev
Issue for Information	29.04.04	BG	BG	RC	A

GAS MIGRATION		
GM1	190476	142588
GM2	190496	142532
GM3	190531	142503
GM4	190567	142470
GM5	190603	142484
GM6	190637	142517
GM7	190687	142532
GM8	190729	142563
GM9	190773	142617
GM10	190768	142666
GM11	190754	142697
GM12	190678	142754
GM13 †	190705	142846
GM14 †	190407	142966
GM15 †	190268	142736

GROUNDWATER		
GW11S	190545	142493
GW11D	190548	142491
GW12S	190841	142635
GW12D	190845	142638
GW13 †	190700	142846
GW14 †	190412	142965
GW15 †	190286	142741
GW16 †	190070	144050

SURFACE WATER		
SW1	190754	142564
SW2	190461	142631
SW3 †	190695	142966
SW4 †	191390	140939
SW5	190481	142623
SW7	190508	142544

NOISE		
N1	190717	142711
N2	190594	142706
N3	190675	142563
N4	190482	142639
S1 †	190293	142606
S2 †	190979	142702

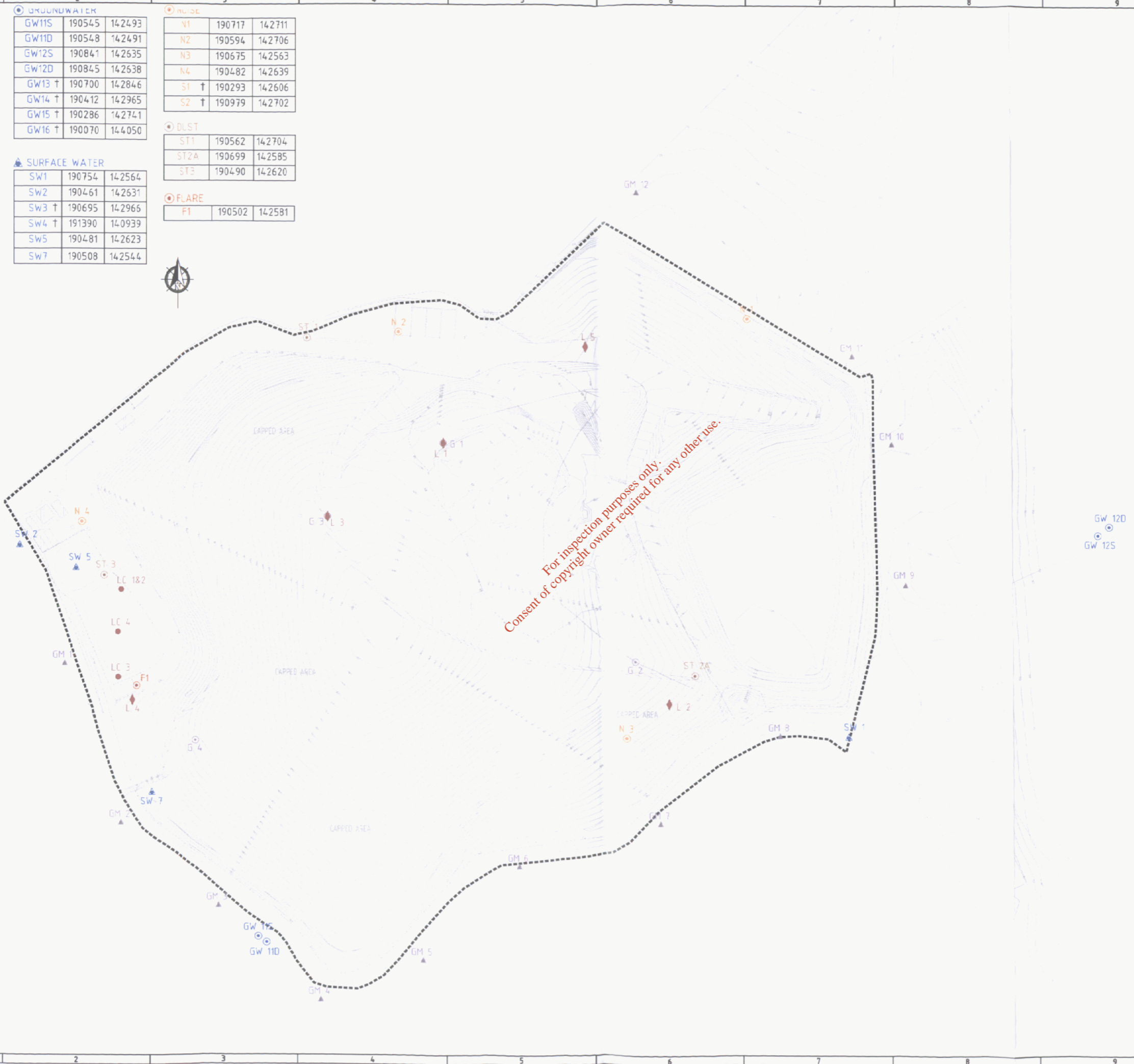
DLST		
ST1	190562	142704
ST2A	190699	142585
ST3	190490	142620

FLARE		
F1	190502	142581

LEACHATE COMPOSITION		
LC1	190496	142515
LC2	190496	142515
LC3	190495	142584
LC4	190495	142600

LEACHATE LEVEL		
L1	190610	142667
L2 *	190690	142575
L3 *	190738	142615
L4	190500	142576
L5	190660	142701

GAS MONITORING		
G1	190610	142667
G2	190678	142590
G3 *	190569	142641
G4	190523	142562



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- LEGEND :**
- Environmental Monitoring Locations**
- Groundwater
 - ▲ Surface Water
 - Noise
 - Dust
 - ▲ Gas Migration
 - ◆ Leachate Level
 - Gas Monitoring
 - Flare
 - Leachate Composition

NOTE :

- † Denotes not shown on plan. Refer to DE07-024-04-Fig 00
- * Location moved since previous revision.

Rev.	Drawn	Chkd	Appd	Rev Origin	Date	Description
E	MMG	TR	TR	Dublin	16.07.07	ADDITIONAL LC 1 - LC4
D	ROH	TR	TR	Dublin	31.05.07	ISSUE FOR INFORMATION
C	TM	TR	TR	Dublin	08.05.07	ISSUE FOR INFORMATION
B	ROH	TR	TR	Dublin	12.04.07	ISSUE FOR INFORMATION
A	ROH	TR	TR	Dublin	03.04.07	ISSUE FOR INFORMATION

Name of Client
 SOUTH TIPPERARY COUNTY COUNCIL

Name of Job
 DONOHILL LANDFILL LICENCE COMPLIANCE 2007

Title of Drawing
 ENVIRONMENTAL MONITORING LOCATIONS

Scales Used
 NTS
 Dwg. No. DE07-024-04-002
 Rev. E

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 W: www.fehilytimoney.ie, E: info@fteo.ie

NATURAL SCALE

SURFACE WATER

SW1	190754	142564
SW2	190461	142631
SW3 †	190695	142966
SW4 †	191390	140939
SW5	190481	142623
SW6 **	190698	142631
SW7	190508	142544
SW8 *	190647	142520

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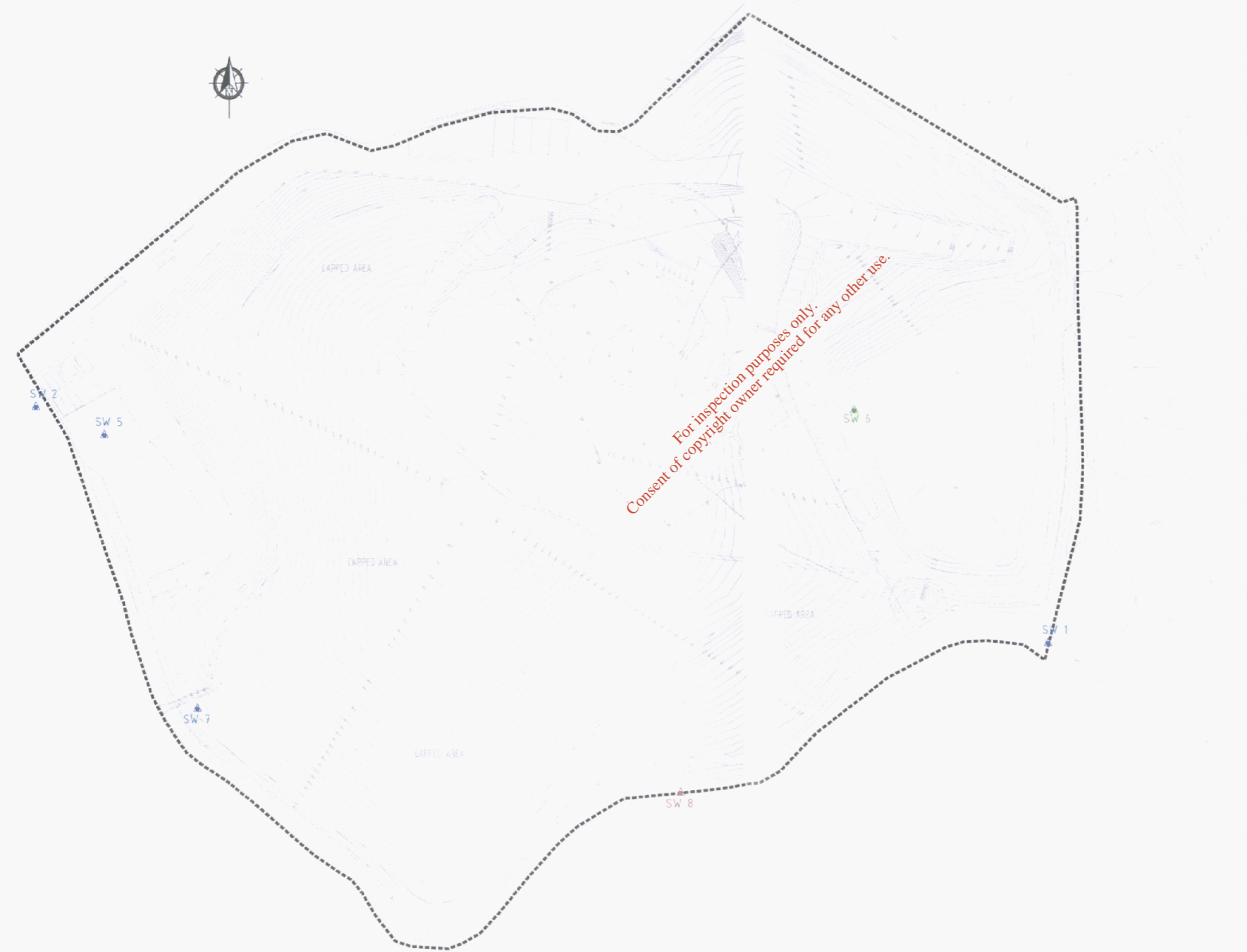
LEGEND :

Surface Water Monitoring Locations

- Surface Water
- Proposed Surface Water
- Obsolete Surface Water

NOTE :

- † Denotes not shown on plan. Refer to DE07-024-04-Fig.001
- * Denotes Proposed Location.
- ** Denotes Obsolete.



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A	MMC	Dublin	19.07.07	ISSUE FOR INFORMATION
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Rev.	Drawn	Chkd	TR	Appd	Rev Origin	Description
					Date	

Revision History A

Name of Client	
SOUTH TIPPERARY COUNTY COUNCIL	

Name of Job	
DONOHILL LANDFILL LICENCE COMPLIANCE 2007	

Title of Drawing	
EXISTING, PROPOSED & OBSOLETE SURFACE WATER MONITORING LOCATIONS	

Scales Used
NTS

Dwg. No.	Rev.
DE07-024-04-010	A

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NATURAL SCALE



NATURAL SCALE

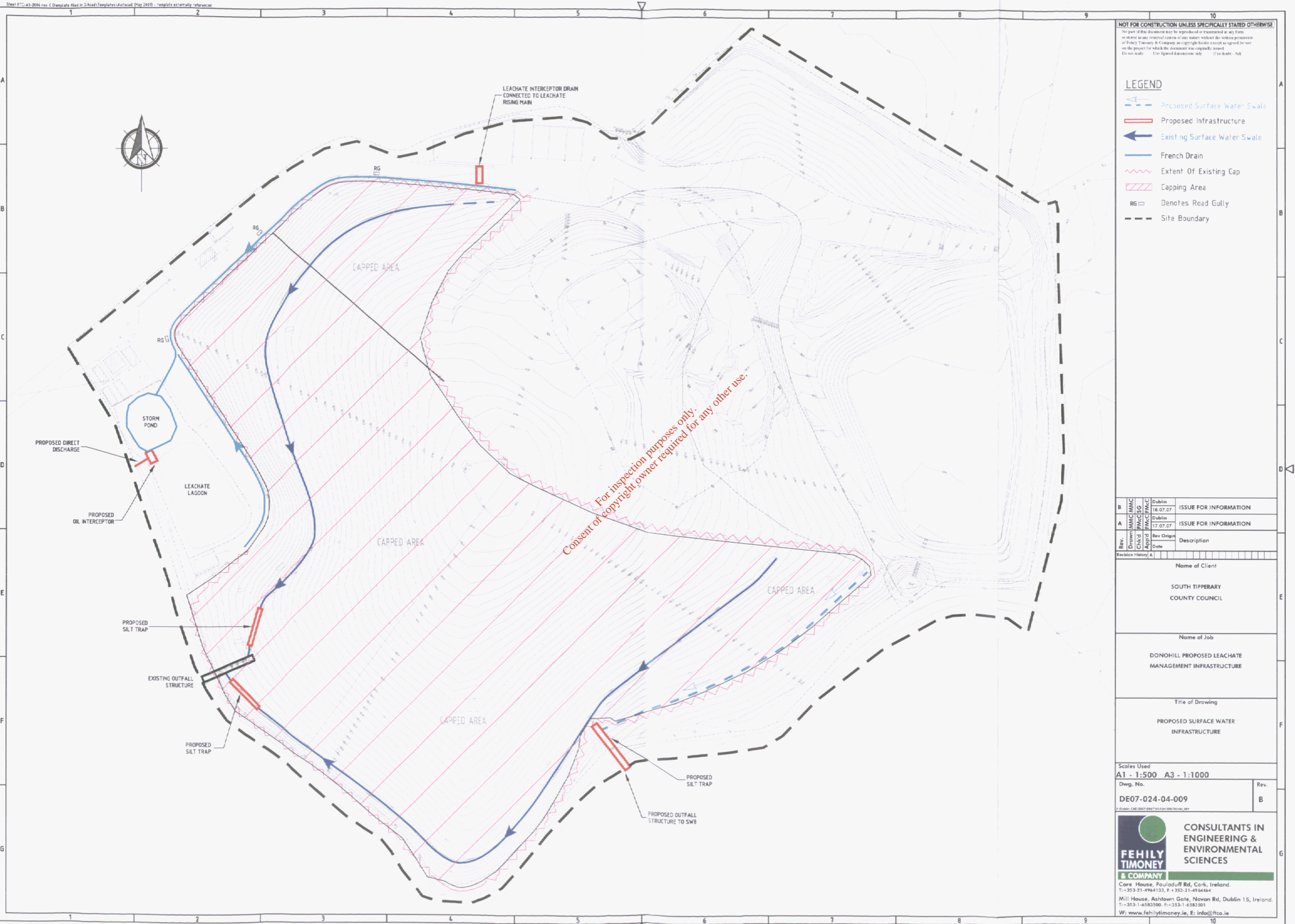


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LEGEND

- Proposed Surface Water Swale
- Proposed Infrastructure
- Existing Surface Water Swale
- French Drain
- Extent Of Existing Cap
- Capping Area
- Denotes Road Gully
- Site Boundary

NATURAL SCALE
100m
50
20
10
5



Rev.	Drawn	Checked	App'd	Rev. Origin	Date	Description
B	MM/C	MM/C		Dublin	18.07.07	ISSUE FOR INFORMATION
A	MM/C	FM/C	FM/C	Dublin	17.07.07	ISSUE FOR INFORMATION

Name of Client
 SOUTH TIPPERARY
 COUNTY COUNCIL

Name of Job
 DONOHILL PROPOSED LEACHATE
 MANAGEMENT INFRASTRUCTURE

Title of Drawing
 PROPOSED SURFACE WATER
 INFRASTRUCTURE

Scales Used
 A1 - 1:500 A3 - 1:1000
 Dwg. No. DE07-024-04-009
 Rev. B

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