

22<sup>rd</sup> September 2015

Liz Leacy  
Office of Climate, Licensing, Research & Resources  
EPA  
PO Box 3000  
Johnstown Castle Estate  
County Wexford

Our Ref: 501.00351.00002

Dear Ms Leacy

**RE: HAMMOND LANE METAL CO. LTD (REG NO P1002-01)  
INFORMATION REQUEST**

Further to our Further Information letter dated 11<sup>th</sup> September 2015, please find enclosed the finalised Drainage Map.

The drainage drawing picked up a second outfall to sewer along the south boundary, which is believed to be no longer active. Attachment No E (Section E3) has been updated with this information, and a revised Attachment No E is also enclosed.

If you have any queries please do not hesitate to contact me.

Yours sincerely  
**SLR Consulting Ireland**

*Dominica Baird*

**Dominica Baird**  
Associate

Enc. Drainage Drawing  
Attachment No E – Emissions (Rev1)

## SECTION E: EMISSIONS

### E.1. Emissions to Atmosphere

See Attachment E.1 Air Quality report.

### E.2 Emissions to Surface Waters

See Attachment I.4 baseline report "Hydrogeological Assessment and Site Investigation" for details on emissions to surface water.

### E.3 Emissions to Sewer

The foul drainage from the site is from the office building, using drainage which was in place prior to site operations. The drainage goes into a pre-treatment / pumping station that exists on the southern boundary of the site from where it is pumped to the nearby sewage works.

#### Emission Point:

Emission Point Ref. N <sup>o</sup> :	SE1
Location of connection to sewer:	Discharge point at south western boundary of site. Grid Reference based on manhole in car park at site entrance.
Grid Ref. (12 digit, 6E,6N):	719686E 733896N
Name of sewage undertaker:	Dublin City Council

A second outfall to sewer exists from the pipe following from the silt trap near the vehicle workshop, along the south boundary. This pipe previously discharged to a mains which crosses a pipe bridge and saddle, and connects to the Dublin City Council sewer on Pigeon House road. Recent surveying of the site drainage indicates that the second outfall is no longer active.

### E.4 Emissions to Ground

There are no direct emissions to ground.

See Attachment I.4 baseline report "Hydrogeological Assessment and Site Investigation" for details on ground conditions and groundwater assessment.

## E.5 Noise Emissions

See Attachment E.5 Noise Report.

**Table E.5(i): NOISE EMISSIONS - Noise sources summary sheet**

Source	Emission point Ref. No	Equipment Ref. No	Sound Pressure <sup>1</sup> dBA at reference distance	Octave bands (Hz) Sound Pressure <sup>1</sup> Levels dB(unweighted) per band								Impulsive or tonal qualities	Periods of Emission <sup>2</sup>	
				31.5	63	125	250	500	1K	2K	4K			8K
Fuchs MHL 360	1		Sound Power Level Lw(A) 102 dB(A)										-	
Fuchs MHL 360	2		Sound Power Level Lw(A) 102 dB(A)										-	
Fuchs MHL 360	3		Sound Power Level Lw(A) 102 dB(A)										-	
Fuchs MHL 360	4		Sound Power Level Lw(A) 102 dB(A)										-	
Liebherr A934C	5		Sound Power Level Lw(A) 104 dB(A)											

Liebherr A934C	6		Sound Power Level Lw(A) 104 dB(A)											
Volvo L120B	7		Sound Pressure Level LAeq 82 dB											
Linde H30-D	8		Sound Power Level Lw(A) 99 dB(A)											
Linde H30-D	9		Sound Power Level Lw(A) 99 dB(A)											
Renault-Dodge Engine	10		Sound Power Level Lw(A) 76 dB(A)											
Lynx's Shredder	11		Sound Power Level Lw(A) 111 dB(A)											
Vezzani 1325a shear	12		Sound Power Level Lw(A) 111 dB(A)											
Weber Hydraulic (Cat-cutter)	13		Sound Pressure Level LAeq 68 dB											

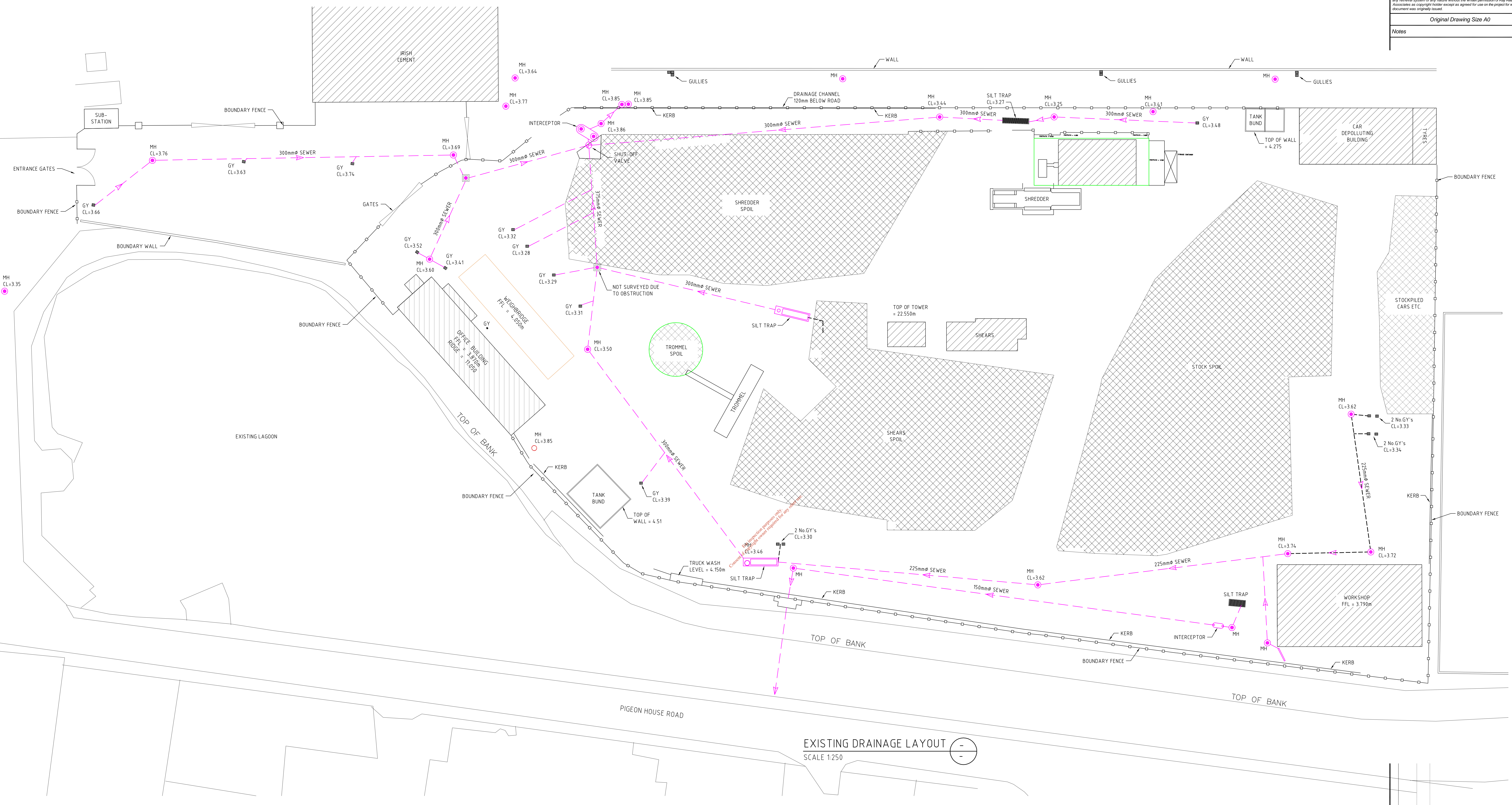
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1. For items of plant, sound power levels may be used.
2. Periods of emission should state if the plant item in question operates on a continuous or intermittent basis. If intermittent then further details of the hours of operation and any potential impulsive components associated with the source should be clearly identified.

## E.6 Tabular Data on Emission Points

<b>Point Code</b>	<b>Point Type</b>	<b>Easting</b>	<b>Northing</b>	<b>Verified</b>	<b>Emission</b>
SW1	SW	719741E	733912N	Y	As per discharge licence
MW1A, MW2A, MW3A, MW4, MW5	GW	Various	various	Y	As per discharge licence

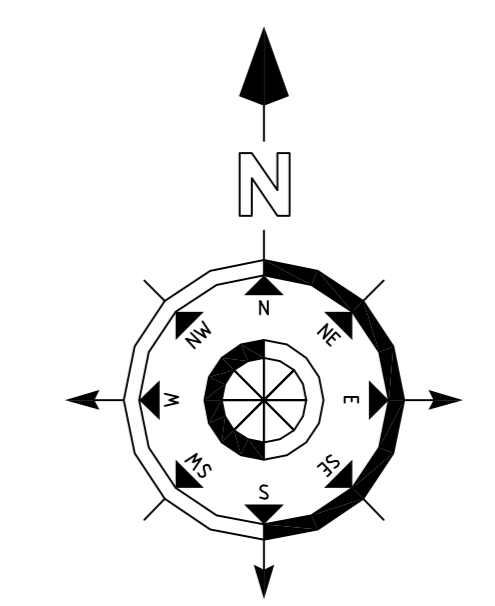
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EXISTING DRAINAGE LAYOUT  
SCALE 1:250

**NOTES:**  
North refers to Magnetic North.  
All levels relate to Malin Head Datum which is a  
xxx  
xxx  
xxx  
All dimensions are in millimeters  
Do not scale from drawing

**LEGEND:**  
MH = MANHOLE  
CL = COVER LEVEL  
IC = INSPECTION CHAMBER  
FFL = FINISHED FLOOR LEVEL  
GY = ROAD GULLY



Rev	Date	Drawn	Description	CHK'D
1	14.09.15	GR	Issued for Information	RK

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**RAY KEANE & ASSOCIATES**  
CONSULTING ENGINEERS  
CIVIL | STRUCTURAL | PROJECT MANAGEMENT

**Client:**  
The Hammond Lane Metal Co. Ltd.  
Pigeon House Road,  
Dublin 4.

**Project:**  
Fire Retention Study  
Existing Drainage Study

**Drawing Title:**  
Existing Drainage Layout

Designed: RKA	Drawn: ML	Date: SEPT 15
Eng Ck: RKA	Dwg Ck: RK	Scale: 1:250
Project No: 600-117	Status: Information	Rev: INF
Drawing No: 01		