# Appendix B
# Noise Monitoring: Instrumentation and Noise Monitoring Results

2 Pages

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## Noise Monitoring Equipment Used:

### Kit 6

| | |
|---|---|
| Sound Level Meter | Rion NL 31 Level Meter<br>Serial Number 00541623<br>Calibration Date 09.08.07 |
| Pre-amplifier: | Rion NH-21<br>Serial Number 11609<br>Calibration Date 09.08.07 |
| Microphone: | Rion UC-53A<br>Serial Number: 306478<br>Calibration Date 09.08.07 |

### Kit 8

| | |
|---|---|
| Sound Level Meter | Rion NL 31 Level Meter<br>Serial Number 01141956<br>Calibration Date 14.02.07 |
| Pre-amplifier: | Rion NH-21<br>Serial Number 13601<br>Calibration Date 14.02.07 |
| Microphone: | Rion UC-53A<br>Serial Number: 307763<br>Calibration Date 14.02.07 |
| Calibrator: | Rion NC-74<br>Serial Number: 34251556<br>Calibration Date: 01.06.07 |


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## Noise Monitoring Results:

Table A.1 Noise Monitoring Results

**Location 1: Pink Bank Lane Methane Stripping Plant - Thorneholme Close**

| Time | LAeq | LA90 | LA10 | LAmax |
|---|---|---|---|---|
| 08/02/2008 00:28 | 38.10 | 36.10 | 39.80 | 50.10 |
| 08/02/2008 00:33 | 37.60 | 36.50 | 38.60 | 41.00 |
| 08/02/2008 00:38 | 37.30 | 36.10 | 38.40 | 41.00 |
| 08/02/2008 00:43 | 38.10 | 37.10 | 39.10 | 43.10 |
| 08/02/2008 00:48 | 43.40 | 38.50 | 45.90 | 57.10 |
| 08/02/2008 00:53 | 42.50 | 36.80 | 46.10 | 51.70 |
| 08/02/2008 00:58 | 40.10 | 38.00 | 42.00 | 49.10 |
| 08/02/2008 01:03 | 37.70 | 36.70 | 38.50 | 41.10 |
| 08/02/2008 01:08 | 38.00 | 36.90 | 38.90 | 43.00 |
| 08/02/2008 01:13 | 38.20 | 36.80 | 39.10 | 51.30 |
| 08/02/2008 01:18 | 39.00 | 36.80 | 41.20 | 44.60 |
| 08/02/2008 01:23 | 41.00 | 37.70 | 43.00 | 52.20 |
| **Average** | **39.75** | **37.00** | **40.88** | **57.10** |
| **Minimum** | **37.30** | **36.10** | **38.40** | **41.00** |
| **Maximum** | **43.40** | **38.50** | **46.10** | **57.10** |

**Location 2: Pink Bank Lane Methane Stripping Plant - East Road**

| Time | LAeq | LA90 | LA10 | LAmax |
|---|---|---|---|---|
| 07/02/2008 00:41 | 35.80 | 34.20 | 37.10 | 53.30 |
| 07/02/2008 00:46 | 41.40 | 35.30 | 44.00 | 58.50 |
| 07/02/2008 00:51 | 37.90 | 35.10 | 40.10 | 48.10 |
| 07/02/2008 00:56 | 40.40 | 36.10 | 44.20 | 48.60 |
| 07/02/2008 01:01 | 40.70 | 34.50 | 44.50 | 52.90 |
| 07/02/2008 01:06 | 35.60 | 34.50 | 36.50 | 41.50 |
| 07/02/2008 01:11 | 35.80 | 34.20 | 37.10 | 47.50 |
| 07/02/2008 01:16 | 36.20 | 34.40 | 37.50 | 47.40 |
| 07/02/2008 01:21 | 39.90 | 35.20 | 41.30 | 59.50 |
| 07/02/2008 01:26 | 41.70 | 37.90 | 43.80 | 58.90 |
| 07/02/2008 01:31 | 41.60 | 38.30 | 42.50 | 63.20 |
| **Average** | **39.46** | **35.43** | **40.78** | **63.20** |
| **Minimum** | **35.60** | **34.20** | **36.50** | **41.50** |
| **Maximum** | **41.70** | **38.30** | **44.50** | **63.20** |


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11 July 2008

Our Reference – S17776P475/NJP/de
Your Reference – 086743/FO/2008

Mrs J Tipping
Manchester City Council
Planning Division
PO Box 463
Town Hall Extension
Manchester
M60 3NY

PLANNING
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REPLIED
RECD 14 JUL 2008
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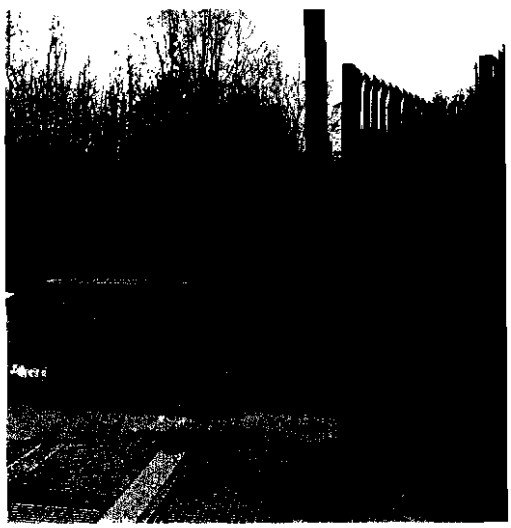
M
FO

Dear Mrs Tipping

**PROPOSED METHANE STRIPPING PLANT FACILITY AT THE FORMER PINK BANK LANE LANDFILL SITE (APPLICATION NO. 086745/FO/2008)**

Thank you for your letter dated 1 July 2008. As requested, please find enclosed a revised Figure 2.1, showing full elevations for the proposed methane stripping plant facility at the former Pink Bank Lane landfill site. For illustrative purposes, the revised figure shows the elevations with and without the fencing details. Where known, heights of proposed structures have been indicated.

In terms of the type of fencing to be used at the site, the style of fencing has been modified by Greater Manchester Waste Disposal Authority since the application was first submitted. The modified fencing will comprise modified steel palisade fencing approximately 2.75 m in height, which has been designed to provide enhanced screening of the proposed development. Similar style fencing has already been installed at other former landfill sites within our client's ownership, as illustrated in the photo below.



Fencing style



ISO 9001
Certificate No FS 13681

Registered in England & Wales No. 2190074
Registered Office: Northumbria House, Regent Centre, Gosforth,
Newcastle upon Tyne NE3 3PX

ISO 14001
Certificate No EMS 69090

**Mrs J Tipping, Manchester City Council**

As outlined in our previous letter, as well as in the Supporting Statement, details of the proposed development may need to change following the procurement of the facility, however, any changes are likely to be relatively minor and would be discussed and agreed in full with the planning authority. As such, no further details other than those outlined in the Supporting Statement and subsequently provided are currently available for the proposed development.

I trust the information above and the enclosed revised figures will enable the application for the proposed methane stripping plant facility at the former Cringle Road landfill site to be registered.

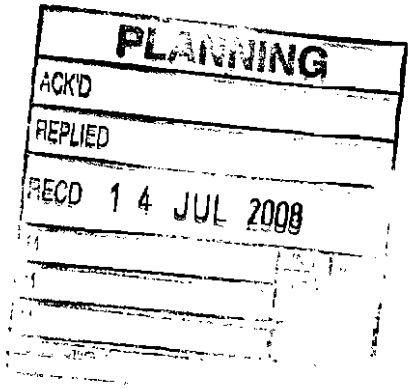
If I can be of any further assistance, please do not hesitate to contact me.

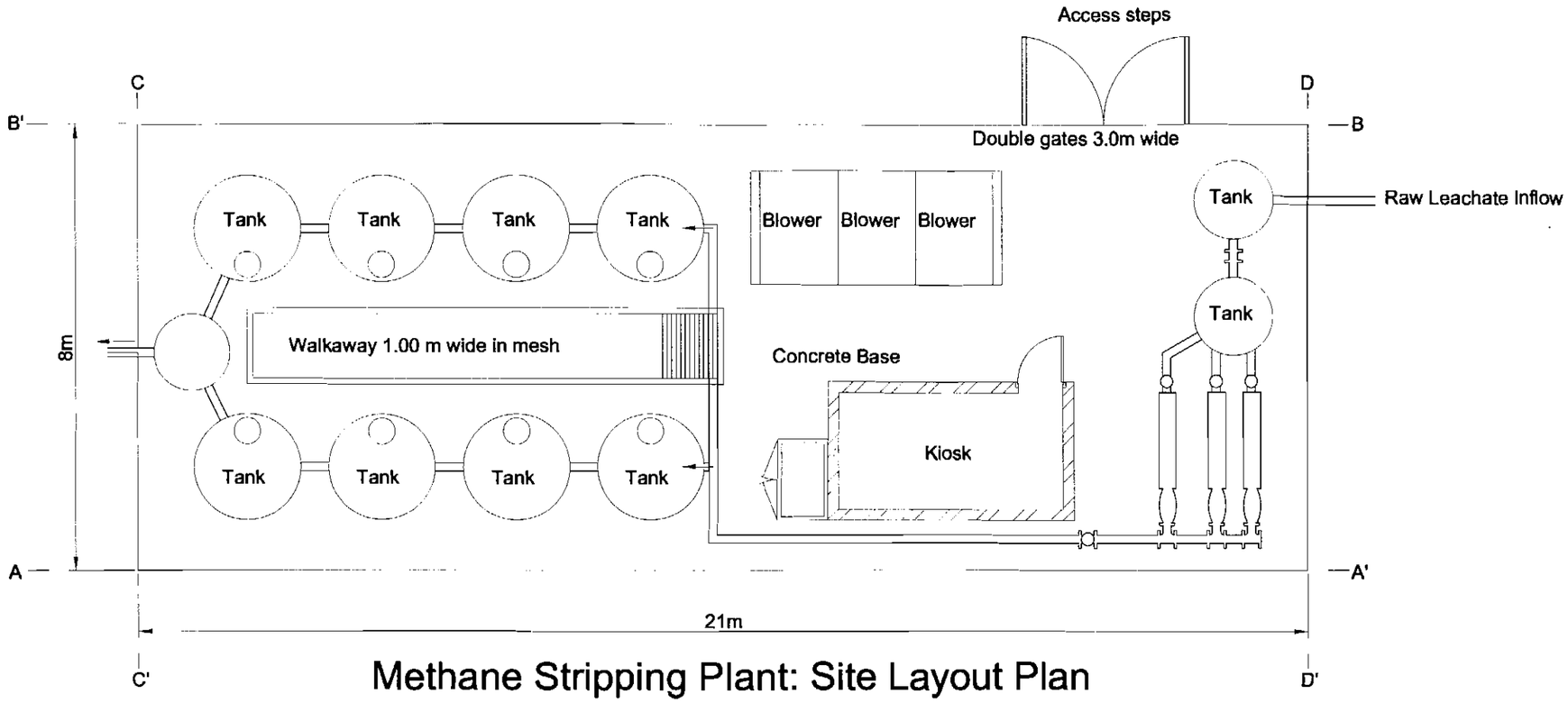
Yours sincerely

**NIENKE PENGELLY**
Senior Consultant
Direct Line -
E-mail -

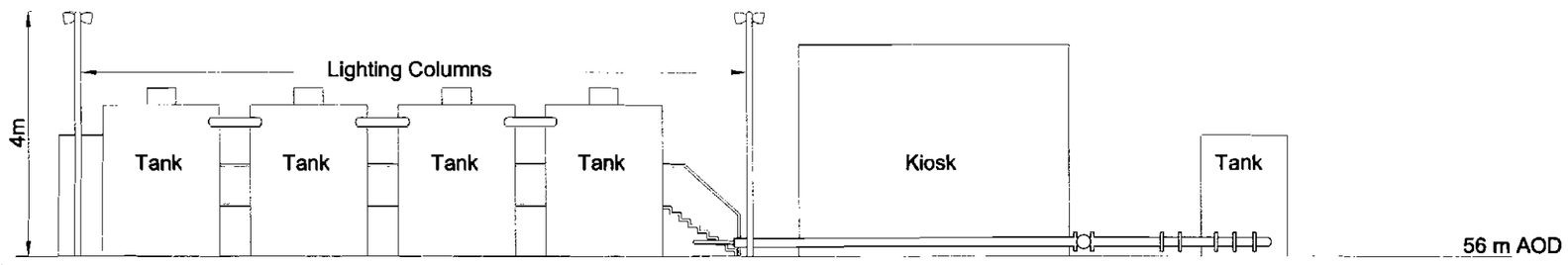
Enc Revised Figure 2.1 (comprising Figure 2.1a and Figure 2.1b)

Cc Mr B Pooley, Greater Manchester Waste Disposal Authority

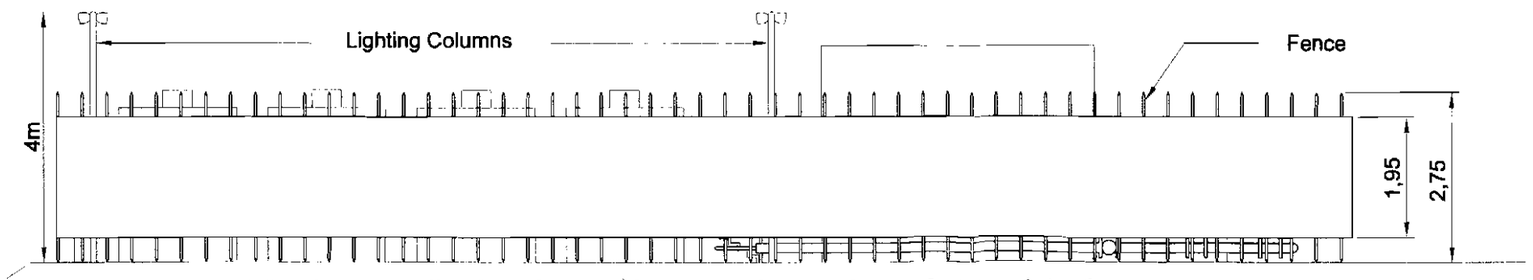




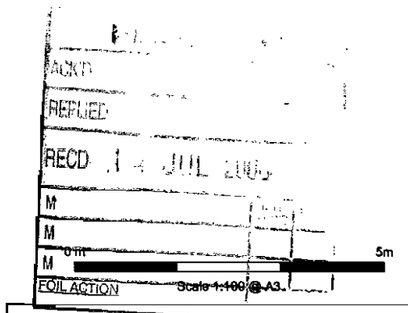

Methane Stripping Plant: Site Layout Plan




Methane Stripping Plant: Elevation AA'




Methane Stripping Plant: Elevation AA' with fence




Greater Manchester Waste
Disposal Authority
Pink Bank Lane
Methane Stripping Plant Facility

**Figure 2.1a**
**MSP Site Layout and Elevations**
**(Sheet 1 of 2)**

July 2008
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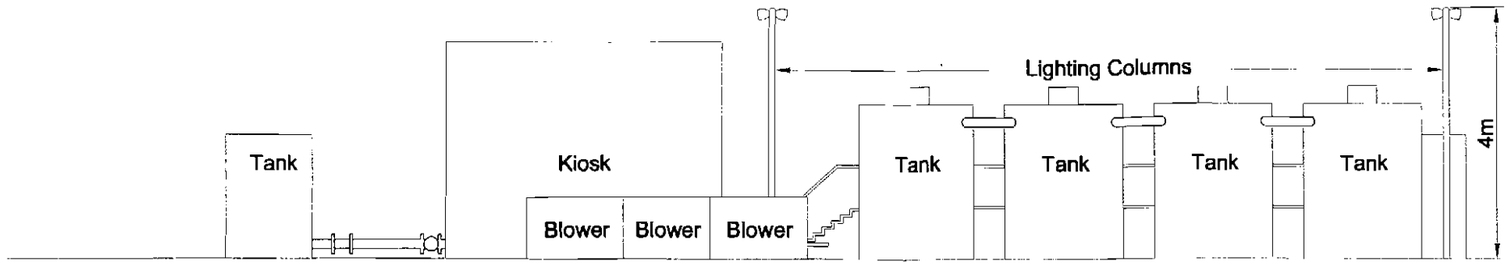
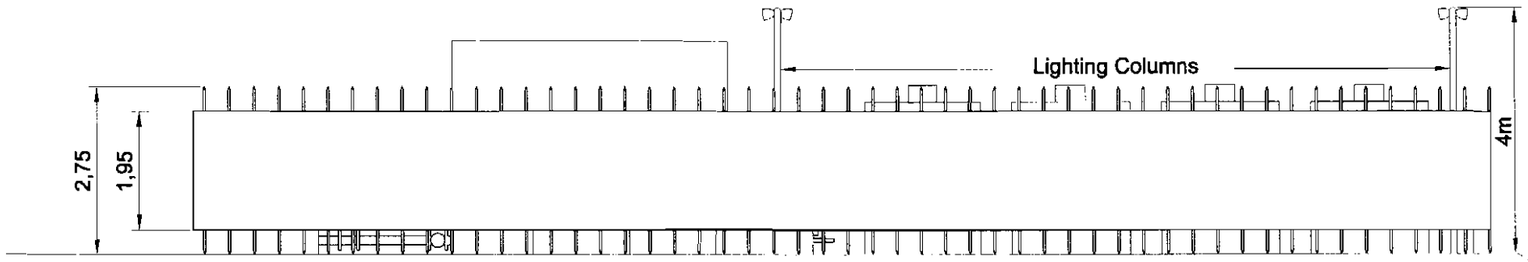
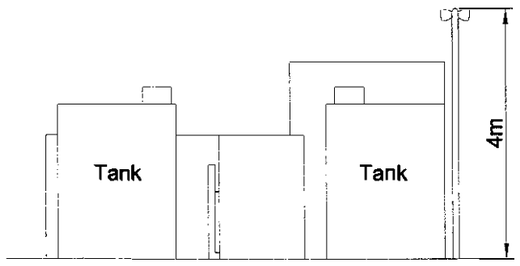


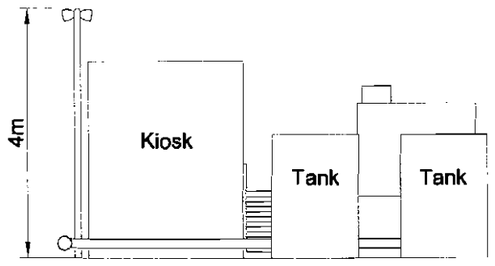

Methane Stripping Plant: Elevation BB'




Methane Stripping Plant: Elevation BB' with fence




Methane Stripping Plant: Elevation CC'




Methane Stripping Plant: Elevation DD'

PLANNING
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RECD 14 JUL 2008
M
M
M
0 m
5m
Scale 1:100 @ A3

Greater Manchester Waste
Disposal Authority
Pink Bank Lane
Methane Stripping Plant Facility

**Figure 2.1b**
**MSP Site Layout and Elevations**
**(Sheet 2 of 2)**

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