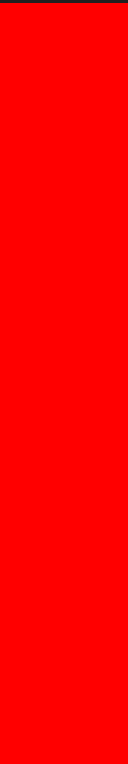


# KERDIFFSTOWN PARK REMEDIATION



# KERDIFFSTOWN PARK REMEDATION

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## ODOUR MANAGEMENT



# AGENDA

- 01 Daily Cover
- 02 The Atomisers
- 03 Odour Report Form
- 04 Correlation of results
- 05 Moving material



## THE DAILY COVER

- Pictures showing the daily cover being applied within Zone 1/1A as the excavator is working.
- Daily cover is placed as part of the ongoing operations and as required a dedicated excavator is assigned to manage the daily cover task specifically.
- WBL have assigned a dedicated person to the earthworks operations as a “sniffer” and to ensure that the daily checks are completed within each works zone.
- The later part of each working evening is focused on ensuring that the daily cover is effective and placed over the entire area works in that day. This check is signed off by our dedicated “sniffer” person on site before works finish.





## THE ATOMISERS – (Mobile Odour Suppression Unit)

The concept is that the lighter spray water particles suspend in the air for longer. These then are more readily able to maintain contact with the odour compound floating in the air enabling more consistent suppression of the odour.

- Operation has a throw range of up to 14m.
- Coverage of 600m<sup>2</sup>
- Water usage of 100Lph

# ODOUR REPORT FORM

- Odour Monitoring Daily Form - filled out numerous times daily. Checks done at the cut/fill area and at the boundary downwind of the face.



## Kerdiffstown - Odour Monitoring Daily Report

\* Required

1

Date \*

Please input date in format of dd/MM/yyyy



2

Time ( use 24hr clock) \*

Enter your answer

3

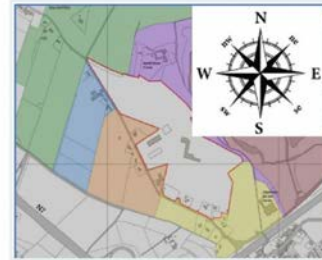
Select Location \*

- Zone 1
- Zone 1A
- Zone 2
- Zone 2A

- Zone 3
- Zone 4

4

Wind Direction \*



- North Direction
- South Direction
- East Direction
- West Direction
- North Easterly Direction
- South Easterly Direction
- South Westerly Direction
- North Westerly Direction
- None detected

5

Wind Strength \*

- 0 Calm--smoke rises vertically
- 1 Light air - direction of wind shown by smoke drift
- 2 Light Breeze - Wind felt on face, leaves rustle

- 3 Gentle Breeze - Leaves and small twigs in constant motion
- 4 Moderate Breeze - Raises dust and loose paper
- 5 Fresh Breeze - Small trees and leaves begin to sway
- 6 Strong Breeze - Large branches in motion
- 7 Near gale - Whole trees in motion
- 8 Gale - Twigs break off trees
- 9 Strong Gale - Slight structural damage occurs

6

Temperature \*

- Freezing (- to 4C)
- cold (5-9C)
- cool (10-20C)
- Warm (21-30C)
- Hot(31C+)

7

Odour Persistence \*

- No odour
- Intermittent (detected intermittently during assessment)
- Persistently (detected throughout period of assessment)

8

Odour Intensity - At moderate odour, action to be initiated \*

- Not detectable
- Faint odour (barely detectable, need to stand still and inhale facing into wind)
- Moderate Odour (easily detectable while walking and breathing normally, possibly offensive)
- Strong Odour (bearable but offensive-might make clothes/hair smell)
- Very Strong Odour (unbearable, difficult to remain in area affected by odour)

9

Was temperature monitoring undertaken? \*



- Yes
- No

10

Is litter visible to be leaving the site? \*

- Yes
- No

11

If question 10 was answered yes, please state reason? \*

12

Are there areas of standing water or ponding? \*

- No
- Yes

13

If question 12 was answered yes, please state reason? \*

14

Has daily cover being applied? \*

- Yes
- No
- Other

15

If question 14 was answered no or other, please state reason? \*

Submit

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## CORRELATION RESULTS

- Results from the odour report form are tabulated into an excel spreadsheet.
- WBL dedicated sniffer is in close contact with the WBL Environmental Engineer if odour is an issue.
- If moderate odour is detected, a text message in a WhatsApp group sent to designated personnel within WBL, ER & KCC.
- Action will be initiated immediately





## MOVING MATERIALS

- Moving non-odorous material in Zone 1 in non-favourable wind conditions (North East Wind)



## CONTACT DETAILS

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*“A family owned company, delivering civil engineering project for almost 50 years”*



### Head Office

Wills Brothers Ltda  
Ballylan Bridge  
Foxford  
Co. Mayo  
[www.willsbros.com](http://www.willsbros.com)

### Site Working Hours

Mon-Fri: 07:00-19:00  
Sat: 08:00-14:00

*There shall be no construction activity permitted on Sundays or public holidays unless with the prior written approval from Kildare County Council or in the case of emergencies or exceptional circumstances*

### Project Team Contact

Kevin Doyle: 087 988 1292  
*Project Manager*

Pascal O Gorman: 087 136 1995  
*General Foreman*

