# Ground Gas Monitoring Form

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|---|---|---|---|
| **Site Name:** | Northons Lane, Holbeach | **RLE Engineer:** | AG |
| **Job No.** | P19-504 | **Date:** | 08/04/2020 |

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|---|---|---|---|
| **Atmospheric Pressure:** | 1026-1024 mb | **Weather Conditions:** | Sunny |
| **State:** | Falling | **Temperature:** | 20 °C |

| Time | BH Ref. | Gas Flow Rate (l/hr) | | Borehole Pressure (Pa) | Methane (% v/v) | | Carbon Dioxide (% v/v) | | Oxygen (% v/v) | | CO (% ppm) | | H2S (% ppm) | | Depth of Borehole installation (m bgl) | Depth to Water (m bgl) | Barom mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Initial | Steady | | Initial | Steady | Initial | Steady | Initial | Steady | Initial | Steady | Initial | Steady | | | |
| 13:15 | **WS101** | <0.1 | <0.1 | +3 | <0.1 | <0.1 | 0.4 | 0.4 | 19.4 | 19.3 | 0 | 0 | 0 | 0 | 2.50 | 1.44 | 1026 |
| 13:05 | **WS102** | <0.1 | <0.1 | 0 | <0.1 | <0.1 | 1.3 | 1.4 | 18.3 | 18.1 | 0 | 0 | 0 | 0 | 2.44 | 1.60 | 1026 |
| 13:25 | **WS103** | <0.1 | <0.1 | 0 | <0.1 | <0.1 | 0.7 | 0.8 | 19.4 | 19.2 | 0 | 0 | 0 | 0 | 2.62 | 1.69 | 1024 |
| 13:35 | **WS104** | <0.1 | <0.1 | 0 | <0.1 | <0.1 | 0.3 | 0.4 | 20.3 | 20.2 | 0 | 0 | 0 | 0 | 2.55 | 1.60 | 1024 |
| 12:50 | **WS105** | <0.1 | <0.1 | 0 | <0.1 | <0.1 | 0.4 | 0.7 | 20.5 | 20.1 | 0 | 0 | 0 | 0 | 2.07 | 1.47 | 1026 |

**NOTES**
Monitoring order is from **Left to Right** across this table (expect when using a PID, which should be used first).
Monitoring should be for **NO less than 3 minutes**, unless there have been fluctuations between initial and steady state recorded during the 3 minutes, or high concentrations of gases are initially recorded. Monitoring should then be up to 10 minutes or steady state.

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|---|---|---|---|---|
| **Equipment used:** | Infra Red Gas Analyser | Geotechnical Instruments GA5000 Gas Analyser | **Last calibrated:** | 23/05/19 |
| | MiniRAE PID | - | **Last calibrated:** | - |
| **Visible signs of vegetation Stress:** | | - | | |
| **Other Comments/ Observations/Tests:** | | - | | |