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Title

Afan IED  
Site Layout Plan

M

M

MOTT  
MACDONALD

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|            |         |         |          |             |                               |        |     |
|------------|---------|---------|----------|-------------|-------------------------------|--------|-----|
| Date       | Drawn   | Checked | Approved | Scale at A4 | Drawing Number                | Status | Rev |
| 24/09/2024 | G Timms | S Stone | A Manns  | 1:1,000     | 100123423-MMD-00-XX-DR-Y-0001 | INF    | 02  |

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| Emissions Ref | Emissions Points            | Assets Ref | Assets                         | X      | Y      |
|---------------|-----------------------------|------------|--------------------------------|--------|--------|
| A10           | Whessoe Valve (Gas Holder)  |            |                                | 276099 | 187297 |
| A1            | CHP Unit 1                  | 1          | CHP Unit 1                     | 276139 | 187358 |
| A2            | CHP Unit 2                  | 2          | CHP Unit 2 (not in use)        | 276136 | 187364 |
| A3            | Boiler Unit 1               | 3          | Boiler Unit 1                  | 276141 | 187356 |
| A4            | Boiler Unit 2               | 4          | Boiler Unit 2                  | 276137 | 187362 |
| A5            | Flare Stack                 | 5          | Biogas Flare Stack             | 276069 | 187311 |
| A6            | Digester Unit 1             | 6          | Digester Unit 1                | 276099 | 187275 |
| A7            | Digester Unit 2             | 7          | Digester Unit 2                | 276118 | 187286 |
| A8            | OCU Carbon Filter           | 8          | OCU Carbon Filter              | 276161 | 187353 |
| A9            | OCU Sulphuric Acid Scrubber | 9          | OCU Sulphuric Acid Scrubber    | 276172 | 187358 |
| S1            | Liquor Return Well to Sewer | 10         | Liquor Return Well             | 276163 | 187347 |
| M1            | Liquor Monitoring Point     |            |                                |        |        |
|               |                             | 11         | Raw Sludge Import Hoppers      | 276134 | 187333 |
|               |                             | 11         | Raw Sludge Import Hoppers      | 276135 | 187322 |
|               |                             | 12         | THP Feed Silo                  | 276150 | 187336 |
|               |                             | 13         | Thermal Hydrolysis Plant (THP) | 276150 | 187306 |
|               |                             | 14         | Belt Presses x 3               | 276173 | 187319 |
|               |                             | 15         | Indigenous Sludge Silo         | 276145 | 187345 |
|               |                             | 16         | Gas Holding Tank               | 276088 | 187294 |
|               |                             | 17         | Digested Sludge Holding Tank   | 276135 | 187304 |
|               |                             | 18         | 2 x Centrifuges                | 276157 | 187362 |
|               |                             | 19         | Cake Storage Bays              | 276194 | 187328 |
|               |                             | 20         | Carbon Filter                  | 276101 | 187301 |
|               |                             | 21         | 2 x Condensate Traps           | 276098 | 187297 |
|               |                             | 22         | 1 x Condensate Trap            | 276136 | 187332 |

