





REPORT SCHEDULE

Client: Murrow AD Plant Ltd

Project Title: Murrow AD Plant Permit Variation Application

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Revision History

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| 12.02.24 | V2.0 FINAL | Update application at duly making due to change scope of variation | Murrow AD Plant Ltd 16.02.24 |

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1. FORM PART C3

1.1. Schedule 1 Listed Activities and Directly Associated Activities

1.1.1. Application Form C3 table 1a requires that all directly associated activities (DAA's) are listed. Table 1a below provides the list of DAA's as required.

Table 1a

| Directly Associated Activities | | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Name of DAA | Description of DAA (please identify the Schedule 1 activity it serves) | |
| Emergency Flare Operation | S 5.4 Part A (1)(b)(i) – burning of biogas in an emergency flare. | |
| Biogas Combustion | S 5.4 Part A (1)(b)(i) – burning of biogas in CHP engine and a boiler to produce electricity and heat. | |
| Biogas Treatment | S 5.4 Part A (1)(b)(i) – desulphurisation of biogas and upgrading of biogas to biomethane. | |
| Biogas Storage | S 5.4 Part A (1)(b)(i) – storage of biogas in gas bags pending combustion in CHP engines/flare and upgrading to biomethane. | |
| Incoming Waste Storage | S 5.4 Part A (1)(b)(i) – storage of incoming liquid wastes in a tank prior to treatment. Storage of solid wastes in concrete clamps prior to treatment. | |
| Storage of Raw Materials | S 5.4 Part A (1)(b)(i) – storage of ferric chloride for desulphurisation process and anti-foaming agent. | |
| Digestate Separation | S 5.4 Part A (1)(b)(i) – separation of digestate into a solid and liquid fraction | |
| Digestate Storage | S 5.4 Part A (1)(b)(i) – storage of separated solid digestate | |
| Emergency Generator | S 5.4 Part A (1)(b)(i) – operation of an emergency generator for management of emergency power outage situations | |
| Recovery of CO ₂ | S 5.4 Part A (1)(b)(i) – recovery of CO ₂ removed during biogas upgrading to produce a final food grade product | |
| Storage of Recovered Liquid CO ₂ | S 5.4 Part A (1)(b)(i) – storage of recovered liquid CO ₂ food grade product | |

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