CLIMATE ACTION RESERVE

# Landfill Project Submittal Form

**Instructions:** Please complete all fields as thoroughly as possible. If the project in question is still in the planning or development phase, all fields must be completed using best available data and estimates based on the proposed project design. This is an interactive Word form. Upon completion, please save this form as a PDF prior to uploading it to the Reserve. This will lock your answers and protect the document from any further changes. All fields must be completed, even if the answer is also provided elsewhere; if a field is not applicable insert N/A in the space provided. Upon approval, this form will become public.

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|---|---|
| **1. Account Holder (as it appears in the Reserve software):** | Advanced Disposal Services Morehead Landfill, Inc. |
| **2. Project Name (as it appears in the Reserve software):** | Morehead Landfil |
| **3. Project ID #:** | CAR592 |
| **4. Protocol Version:** | ☒ Landfill Project Protocol V5.0 |
| **5. Project Crediting Period* (select one):** *If the project is being submitted for a second crediting period, please send an email to reserve@climateactionreserve.org notifying the Reserve Administrator. In addition, please upload to the *existing* project in the Reserve software (there is no need to create a new project for the purposes of applying for a second crediting period). | ☐ First crediting period<br>☒ Second crediting period |
| **6. Technical Consultant(s):** | 3Degrees Group Inc. |
| **7. Other Parties with a Material Interest:** | North American Bio Fuels, LLC |
| **8. Form Completed By (name, organization):** | Julie Kelleher, 3Degrees Group, Inc. |
| **a. Contact Information (phone, email):** | 415-692-6702, jkelleher@3degreesinc.com |
| **b. Date of Form Completion:** | 05/25/2021 |
| **9. Project Start Date (MM/DD/YYYY):** | 12/3/2009 |
| **10. First Reporting Period of the Current Crediting Period (MM/DD/YYYY):** | 12/3/2019 to 11/30/2020 |

| Project Site Information | |
|---|---|
| **11.** Landfill name | Morehead Landfill |
| **12.** Project site address (including county and country) | 300 Old Phelps Road, Morehead, Rowan County, Kentucky 40351, USA |
| **13.** Project description (please provide one to two paragraphs) | The Morehead Landfill is located west of Morehead Kentucky, approximately 60 miles east of Lexington. The site consists of approximately 87 acres permitted for landfilling of 198 acres defined in the permit. The site consists of a closed residential landfill and a contained landfill. The total permitted airspace is 8.7 million cubic yards. The landfill voluntarily installed a landfill gas collection and controll system and an open flare in 2009, and expanded to include an engine in 2019. |
| **14.** Owner of landfill (name and organization) | Advanced Disposal Services Morehead Landfill, Inc. |
| **15.** Owner of gas collection and control system | Advanced Disposal Services Morehead Landfill, Inc.<br>North American Bio Fuels, LLC. |
| **16.** Type of waste accepted (MSW, demolition debris, organic, etc.) | MSW, demolition debris |
| **17.** Designed landfill capacity (cubic meters or tonnes) | 5,533,833 metric tonnes |
| **18.** Date of last modification, construction, or reconstruction (if applicable) | N/A |
| **19.** Year landfill opened | 1973 |
| **20.** Year landfill closed or estimated date of closure (if known) | 2060 |

| Baseline Destruction Information | Yes | No |
|---|---|---|
| **21.** Did the landfill ever collect and destroy landfill gas using a non-qualifying destruction device (i.e., passive flares)?<br>If yes, please describe: _____ | ☐ | ☒ |
| **22.** Did the landfill ever collect and destroy landfill gas using a qualifying destruction device (i.e., candlestick flare, engine, etc.)?<br>If yes, please describe: _____ | ☐ | ☒ |

| Project Eligibility and Monitoring | Yes | No |
|---|---|---|
| **23.** Have any GHG reductions from the project ever been registered with or claimed by another registry or program prior to registering with the Reserve?<br>*If yes, you must complete and return a "Registry Project Transfer Attestation Form"* | ☐ | ☒ |
| **24.** Have any GHG reductions from the project ever been sold directly to a third party (i.e., sold without being registered with or claimed by another registry or program) prior to registering with the Reserve?<br>If yes, please describe: _____ | ☐ | ☒ |
| **25.** Is the landfill subject to NSPS Regulation (greater than 2.5 million tonnes capacity)? | ☒ | ☐ |
| **26.** If applicable, date of the most recent Tier I or Tier II NMOC test (format MM/DD/YYYY): 09/30/2016 | - | - |

| | | |
|---|---|---|
| a. NMOC emissions per year (Mg/year): 7.86 | - | - |
| b. Date at which landfill did or is expected to exceed 34 Mg NMOC per year (if the landfill was modified, constructed, or reconstructed after July 17, 2014) or 50 Mg NMOC per year otherwise (format MM/DD/YYYY): N/A | - | - |

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| **27.** Is this project being implemented and maintained as the result of any law, statute, regulation, court order, or other preexisting legally binding mandate?<br>If yes, please explain: _____ | ☐ | ☒ |
| **28.** Has a detailed monitoring plan been developed for this project?<br>If no, date a monitoring plan will be in place (format MM/DD/YYYY): _____ | ☒ | ☐ |
| **29.** Is the Account Holder authorized to sign the Attestation of Title? | ☒ | ☐ |
| **All Projects (Optional)** | | |
| **30.** Additional information (if any):<br>_____ | | |