

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.

1. Account Holder (as it appears in the Reserve software):	<u>Element Markets Emissions, LLC</u>
2. Project Name (as it appears in the Reserve software):	<u>Greenville County Landfill Gas Utilization Project</u>
3. Project ID #:	<u>CAR495</u>
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 <i>existing</i> 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 ☒ Second crediting period
6. Technical Consultant(s):	<u>N/A</u>
7. Other Parties with a Material Interest:	<u>N/A</u>
8. Form Completed By (name, organization):	<u>Heather Rogers, Element Markets Emissions, LLC</u>
a. Contact Information (phone, email):	<u>858-774-8686, hrogers@elementmarkets.com</u>
b. Date of Form Completion:	<u>05/20/2020</u>
9. Project Start Date (MM/DD/YYYY):	<u>08/01/2007</u>
10. First Reporting Period of the Current Crediting Period (MM/DD/YYYY):	<u>09/01/2018 to 08/31/2019</u>

Project Site Information			
11. Landfill name	<u>Enoree Landfill</u>		
12. Project site address (including county and country)	<u>1311 Anderson Ridge Rd, Greer, SC, 29651</u>		
13. Project description (please provide one to two paragraphs)	<u>The Greenville County Landfill Gas Utilization Project, built, owned, and operated by Greenville Gas Producers, LLC (GGP), is a landfill gas (LFG) collection and utilization project taking place at the Enoree Landfill in Greer, South Carolina. The Enoree Landfill is a municipal solid waste (MSW) landfill owned and operated by Greenville County. The County has transferred full title of the LFG and associated environmental attributes to GGP; therefore, ownership of the project and resulting CRTs rests with GGP.</u> <u>There are two distinct cells containing waste at the Enoree Landfill, named Phase I and Phase II. The Phase I cell is much smaller than Phase II and was only operational for three years (1991-1994). Detailed records of waste acceptance were not required at that time, but the amount of waste in place upon closure for Phase I is estimated to be between 750,000-1,000,000 tons (680,000-907,000 tonnes). The Phase II landfill began accepting waste in 1996 and stopped accepting waste in January of 2007, when it was capped with a high-density polyethylene material. The amount of waste in place at the time of closure for Phase II was 2,573,786 tons (2,334,899 tonnes). Phase II includes a liner and leachate drainage system designed in compliance with Subtitle D of the Resource Conservation and Recovery Act (RCRA).</u> <u>The project activity includes methane capture and destruction with an open flare and a modular electricity generation plant. The flare began operating in August 2007. Construction of the electricity generation plant, with an installed capacity of 3.2 MW, was completed in August, 2008.</u>		
14. Owner of landfill (name and organization)	<u>Greenville County</u>		
15. Owner of gas collection and control system	<u>Greenville Gas Producers, LLC</u>		
16. Type of waste accepted (MSW, demolition debris, organic, etc.)	<u>MSW</u>		
17. Designed landfill capacity (cubic meters or tonnes)	<u>Closed - 3,134,899 tonnes in place (approx)</u>		
18. Date of last modification, construction, or reconstruction (if applicable)	<u>Stopped accepting waste in 2007</u>		
19. Year landfill opened	<u>1991</u>		
20. Year landfill closed or estimated date of closure (if known)	<u>2007</u>		
Baseline Destruction Information		Yes	No
21. Did the landfill ever collect and destroy landfill gas using a non-qualifying destruction device		☐	☒



CLIMATE
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(i.e., passive flares)? 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.)? 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? <i>If yes, you must complete and return a "Registry Project Transfer Attestation Form"</i>	☐	☒
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? 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): <u>11/02/2006</u>	-	-
a. NMOC emissions per year (Mg/year): <u>7.83 in 2019</u>	-	-
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): <u>N/A</u>	-	-

27. Is this project being implemented and maintained as the result of any law, statute, regulation, court order, or other preexisting legally binding mandate? If yes, please explain: _____	☐	☒
28. Has a detailed monitoring plan been developed for this project? 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): _____		