

U.S. 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>Republic Services Alliance Group II, Inc.</u>
2. Project Name (as it appears in the Reserve software):	<u>Rio Grande Valley Landfill</u>
3. Project ID #:	<u>CAR512</u>
4. Protocol Version:	<u>U.S. Landfill Protocol V6.0</u>
5. Project Crediting Period* (select one): *If the project is being submitted for a crediting period renewal, 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 crediting period renewal).	☐ First crediting period ☐ Second crediting period ☒ Third crediting period
6. Technical Consultant(s):	<u>Anew Environmental, LLC</u>
7. Other Parties with a Material Interest:	<u>N/A</u>
8. Form Completed By (name, organization):	<u>Lucy Huang, Anew Environmental, LLC</u>
a. Contact Information (phone, email):	<u>587-225-1508, lhuang@anewclimate.com</u>
b. Original Date of Submittal:	<u>03/13/2025</u>
c. Date of Resubmittal:	<u>N/A</u>
9. Project Start Date (MM/DD/YYYY):	<u>02/21/2005</u>
10. First Reporting Period of the Current / Renewed Crediting Period (MM/DD/YYYY): ¹	<u>02/21/2025 to 12/31/2025</u>
11. Current / Renewed Crediting Period: ²	<u>02/21/2025 to 02/20/2035</u>

¹ The initial reporting period of the first crediting period may be 6 to 24 months of data. The first reporting period for each renewed crediting period are a maximum of 12 months of data.

² Crediting period is defined as 10 years from the project start date. For example, under calendar year reporting periods the crediting period is 1/1/2024-12/31/2024 or projects reporting mid-year the crediting period may look as follows: 2/1/2024-1/31/2034.

Project Site Information				
12. Landfill name	<u>Rio Grande Valley Landfill</u>			
13. Project site address (including county and country)	<u>Farm to Market 493 and Mile 12 Road, Donna, Texas 787537, Hidalgo County, USA</u>			
14. Project description (please provide one to two paragraphs)	<u>An active landfill gas control and collection system (LFGCCS) was constructed between May 26, 2004 and June 1, 2004 and became operational on February 21, 2005. The initial LFGCCS involved the following components: (1) installation of gas collection piping system including fifteen active landfill gas extraction wells, (2) channel crossing, (3) leachate collection system (LCS), (4) clean-out riser connections, (5) condensate management system, and (6) installation of a blower/flare skid. The majority of these components were installed and completed by December 2004, with exception of the utility flare. The flare was installed by Shaw EMCON/OWT, Inc., in February 2005. The LFGCCS was expanded in the fall of 2005 to include the installation of eleven new vertical gas extraction wells. In 2006, ten additional landfill gas extraction wells were installed and in 2008, eight vertical gas extraction wells as well as a U-trap connection to the existing leachate cleanout riser were installed. From April to September of 2013, twenty-seven vertical extraction wells were added to the LFGCCS. The current system has a total of eighty-eight vertical extraction wells.</u>			
15. Owner of landfill (name and organization)	<u>Republic Services Alliance Group II, Inc.</u>			
16. Owner of gas collection and control system	<u>Republic Services Alliance Group II, Inc</u>			
17. Type of waste accepted (MSW, demolition debris, organic, etc.)	<u>MSW</u>			
18. Designed landfill capacity (cubic meters or tonnes)	<u>4,734,036</u>			
19. Date of last modification, construction, or reconstruction (if applicable)	<u>N/A</u>			
20. Year landfill opened	<u>1994</u>			
21. Year landfill closed or estimated date of closure (if known)	<u>2015</u>			
Baseline Destruction Information			Yes	No
22. Did the landfill ever collect and destroy landfill gas using a non-qualifying destruction device (e.g., passive flares)? If yes, please describe: _____	☐			☒
23. 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
24. Have any GHG reductions from the project and/or landfill ever been registered with or claimed by another registry or program prior to registering with the Reserve? (e.g., non-CRT carbon	☐			☒



CLIMATE
ACTION
RESERVE

credits, renewable energy credits) a. If yes, you must complete and return a “Registry Project Transfer Attestation Form” b. If yes, provide the registry and/or program where the GHG reductions were previously registered: _____		
25. 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: _____	☐	☒
26. Is the landfill subject to NSPS Regulation (greater than 2.5 million tonnes capacity)?	☒	☐
27. If applicable, date of the most recent Tier I or Tier II NMOC test (format MM/DD/YYYY): <u>01/16/2015</u>	-	-
a. NMOC emissions per year (Mg/year): <u>31.45</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 - site stopped accepting waste on 9/21/2013. Since the landfill is closed, no further NMOC emisison reports are required and NMOC emissions will not exceed 50 Mg.</u>	-	-

28. 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: _____	☐	☒
29. Has a detailed monitoring plan been developed for this project? If no, date a monitoring plan will be in place (format MM/DD/YYYY): _____	☒	☐
30. Is the Account Holder authorized to sign the Attestation of Title?	☒	☐
All Projects (Optional)		
31. Additional information (if any): _____		