

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>Advanced Disposal Services Maple Hill Landfill LLC</u>
2. Project Name (as it appears in the Reserve software):	<u>Maple Hill Landfill</u>
3. Project ID #:	<u>CAR521</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>Element Markets LLC</u>
8. Form Completed By (name, organization):	<u>Bill Reynolds, Element Markets</u>
a. Contact Information (phone, email):	<u>415 265 7536 breynolds@elementmarkets.com</u>
b. Date of Form Completion:	<u>5/23/19</u>
9. Project Start Date (MM/DD/YYYY):	<u>9/16/2002</u>
10. First Reporting Period of the Current Crediting Period (MM/DD/YYYY):	<u>1/1/2017 to 12/31/2017</u>

Project Site Information				
11. Landfill name	<u>Maple Hill Landfill</u>			
12. Project site address (including county and country)	<u>31226 Intrepid Road , Macon, Missouri 63552</u>			
13. Project description (please provide one to two paragraphs)	<u>The Advanced Disposal Services Maple Hill Landfill (ADSMHL) is a municipal sanitary waste landfill located in Macon County on Intrepid Road approximately 5 miles west of the city of Macon, Missouri. The landfill began accepting waste at the site in 1976, which is situated within a property of approximately 430 acres, with 130 acres for waste disposal. The landfill facility is owned by Advanced Disposal Services Maple Hill Landfill, Inc. a subsidiary of Advanced Disposal Waste Holdings Corp.</u> <u>The landfill gas (LFG) collection and control system was developed within four of the landfill phases and consists of twenty-six (26) vertical extraction wells and three leachate extraction points. The initial gas system was voluntarily installed and came online in September 2002. The gas from the wellheads is routed via main header line into the flare skid. The landfill gas is pulled by a blower and passes through knockout vessels to remove moisture prior to passing through the flow meter en route to the candlestick flare.</u> <u>In 2017, Element Markets, LLC (EM) entered into an agreement with Advanced Disposal Waste Holdings Corp., the parent company of Advanced Disposal Services Maple Hill Landfill, Inc., to provide operational services for greenhouse gas (GHG) emission reduction credits created from the voluntary destruction of methane gas at ADSMHL. Beginning 09/2017, EM and ADSMHL began working together in connection with the monitoring and verification of the emission reduction credits resulting from this activity.</u>			
14. Owner of landfill (name and organization)	<u>Advanced Disposal Services LLC</u>			
15. Owner of gas collection and control system	<u>Advanced Disposal Services LLC</u>			
16. Type of waste accepted (MSW, demolition debris, organic, etc.)	<u>Sanitary landfill, MSW C&D Non-hazardous Special Waste</u>			
17. Designed landfill capacity (cubic meters or tonnes)	<u>14,284,156 cubic meters</u>			
18. Date of last modification, construction, or reconstruction (if applicable)	<u>N/A</u>			
19. Year landfill opened	<u>1976</u>			
20. Year landfill closed or estimated date of closure (if known)	<u>2080</u>			
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)? 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? 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? 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): October 2015	-	-
a. NMOC emissions per year (Mg/year): <u>33.3 Mg/Yr 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>Unknown</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): _____		