

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>City of Superior</u>
2. Project Name (as it appears in the Reserve software):	<u>Moccasin Mike Landfill Gas Project</u>
3. Project ID #:	<u>CAR406</u>
4. Protocol Version:	☒ Landfill Project Protocol V4.0 ☐ Mexico Landfill Project Protocol V1.1
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>John McDougal, Element Markets</u>
7. Other Parties with a Material Interest:	<u>Element Markets</u>
8. Form Completed By (name, organization):	<u>Darienne McNamara, City of Superior</u>
a. Contact Information (phone, email):	<u>715-395-7506, mcnamarad@ci.superior.wi.us</u>
b. Date of Form Completion:	<u>09/10/2018</u>
9. Project Start Date (MM/DD/YYYY):	<u>4/28/2009</u>
10. First Reporting Period of the current Crediting Period (MM/DD/YYYY):	<u>01/01/2019 to 12/31/2019</u>

Project Site Information				
11. Landfill Name	<u>Moccasin Mike Landfill</u>			
12. Project site address (including county and country)	<u>15 Moccasin Mike Road, Superior, Wisconsin.</u>			
13. Project Description (please provide one to two paragraphs)	<u>Moccasin Mike is a municipal solid waste landfill with a current design capacity of 4.4 million cubic yards. Estimated closure of the current design capacity is 2022. Historically the landfill utilized passive wells and vents that discharged landfill gas (LFG) to the atmosphere.</u> <u>During late 2008 and early 2009 the City installed additional LFG extraction wells and an active LFG extraction and control (open flare) system to collect and combust recovered LFG. Additional LFG extraction wells will continue to be installed and connected to the LFG extraction and control system as necessary</u>			
14. Owner of landfill (name and organization)	<u>Todd Janigo, Public Works Director, City of Superior</u>			
15. Owner of gas collection and control system	<u>Todd Janigo, Public Works Director, City of Superior</u>			
16. Type of waste accepted (MSW, demolition debris, organic, etc.)	<u>MSW</u>			
17. Total Waste in place (WIP) at project start date (metric tonnes)	<u>2,477,970</u>			
18. Designed landfill capacity (cubic meters or tonnes)	<u>4.4 million cubic yards</u>			
19. Year landfill opened	<u>1976</u>			
20. Year landfill closed or estimated date of closure (if known)	<u>2025</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)? If yes, please describe: _____			☐	☒
Project Eligibility and Monitoring			Yes	No
23. Have any GHG reduction tonnes 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. If the landfill gas is being utilized for energy production ¹ :			☐	☒
a. Identify the precipitation zone of the landfill site county (refer to the U.S. Landfill Project			-	-



Protocol V4.0, Appendix A): ☐ Arid ☐ Non-Arid		
b. What is the estimated date the landfill will cross the relevant WIP threshold (2.17 MMT for arid counties and 0.72 MMT for non-arid counties)?: _____	-	-

¹For the definition of a landfill gas-to-energy project, refer to the Glossary of Terms, Landfill Project Protocol V4.0.

Project Eligibility and Monitoring (cont.)	Yes	No
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>07/31/2014</u>	-	-
a. NMOC emissions per year (Mg/year): <u>13.1 in 2019</u>	-	-
b. Date at which landfill did or is expected to exceed 50 Mg NMOC per year (format MM/DD/YYYY): <u>Unknown</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. Is a detailed monitoring plan been developed for this project? If not, by what date will a monitoring plan be in place? _____	☒	☐
30. Is the Account Holder authorized to sign the Attestation of Title?	☒	☐
All Projects (optional)		
31. Additional information (if any): _____		