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Landfill Project Submittal Form

Instructions:

This form must be submitted to the Reserve and to the verifier in the first year of reporting prior to verification. In some cases, it may be necessary to update parts of the Project Submittal Form in subsequent years. **All information in this form will be made publicly available.**

These forms are to be used for reporting general Landfill Project information to the Climate Action Reserve in order to initiate the project listing process. All fields must be completed as thoroughly as possible. If the project in question is still in the planning/ development phase, all fields must be completed using best available data and estimates based on the proposed system design. Upon receipt of completed submittal forms, Reserve staff will perform a general eligibility screen (in accordance with the protocol version under which the project is submitted) based on the information provided. Project Developers can expect an Invoice for the \$500 project listing fee within 15 days of receipt of the completed forms, and a letter regarding the status of project within 15 days of the receipt of the project listing fee. If a project passes the eligibility screen, it will be officially "listed" with the Climate Action Reserve

This is an interactive Word form. Upon completion, please save this form as a PDF prior to returning 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. The completed form must be saved and uploaded to your Climate Action Reserve account. Submit all questions regarding the project submittal process to: reserve@climatereserve.org.

Version 2.4
February 2009

Project Name: Eagle Point Landfill

Project Developer: Sustainable Energy Solutions LLC

Facility Owner: Eagle Point Landfill LLC, a subsidiary of Advanced Disposal Services

Technical Consultants: Hodges Harbin Newberry and Tribble - landfill engineers; Carlson Environmental Consultants - landfill gas engineers; SCS Engineers - Monitoring Plans; First Environment - project verifiers

Other Parties with a Material Interest: Advanced Disposal Services LLC

Date of form completion: July 6, 2009

Form completed by (name): William R. Gibbes, Sustainable Energy Solutions LLC



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Section 1: General Site Information

1. Name of Landfill: Eagle Point Landfill
2. Approximate Latitude/Longitude of Landfill Project (degrees/minutes/seconds):
34 degrees 19' 26.07 N
84 degrees 14' 26.18 W
3. Address (including county):
8880 Old Federal Road, Ballground, GA 30107
Forsythe County, GA
4. Owner of Landfill and owner contact information:
Eagle Point Landfill LLC
Len Necaie, General Manager
5. Type of landfill (sanitary, controlled, or open dump): Sanitary
6. Landfill size – designed area for waste placement (acre or hectare):
178 acres
7. Total waste in place (cubic meters or tons): approximately 2.8 million short tons
8. Designed landfill capacity (cubic meters or tonnes): 28,266,600 tons
9. Year landfill opened: 2002
10. Year landfill closed or estimated date of closure: Estimated 2035
11. Average annual quantity of waste accepted at landfill (cubic meters or tonnes):
approximately 550,000 tons per year
12. Waste Characteristics Table



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Waste Types	Estimated Percent of Waste Stream
Paper and Paperboard	34%
Glass	5%
Metals	8%
Plastics	12%
Rubber and Leather	5%
Textiles	2%
Wood	6%
Food Scraps	12%
Yard Trimmings	13%
Misc. Inorganic Wastes	included in other catagories
Other	3%

Explain basis of estimates (i.e. site specific information, regional or national studies, EPA, etc.):

EPA - 2007 Report

Section 2: Project Eligibility and Monitoring

13. Initial verification period: September through December 31, 2009

14. When did the project first commence operation, or when is the project expected to commence operation?

Expected start up in September 2009

15. Have any vintage reduction tonnes from the project ever been registered with or claimed by another registry or program, or sold to another third party prior to registering with the Reserve?

No

If the answer is yes, you must complete and return a "Project Transfer" form.

16. Description of any regulatory framework for landfill methane capture and control (include an estimate of the date which the landfill will meet or exceed the 50 megagrams per year



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threshold of calculated NMOC emissions per NSPS/EG regulations and the type of testing that justifies the estimate (i.e. Tier 1 or Tier 2 NMOC emission rate estimates)):

Tier 2 testing completed by Carlson Environmental Consultants on behalf of Eagle Point Landfill LLC in June 2009 with a resulting calculated NMOC emission rate of 32.9 Mg/yr in 2009, and a modeled prediction the calculated rate would not exceed 50 MG/yr limit until 2012; therefore the landfill is not currently subject to NSPS regulation

17. Description and citation of all local and state air and water quality, explosive gas, or other regulations pertinent to the landfill or project:

Georgia EPD Solid Waste Permit #058-012D (MSWL) dated 2/29/2008; Forsythe County Building Permit # 20085103 dated 12/11/2008; Georgia EPD Title V Permit #4953-117-0059-V-02-0 dated 11/12/2008; and NPDES Construction permit GAR100001 dated 12/23/2008

18. Is this project being implemented and maintained as the result of any law, statute, regulation, court order, or other preexisting legally binding mandate?

☐ Yes

☒ No

Comments (if any):

19. Has a detailed monitoring plan been developed for this project? If not, what date will a monitoring plan be in place?

Monitoring Plan currently being prepared by SCS Engineers and will be in place prior to start up

20. What Version or publication date of the Landfill Project Reporting Protocol is the project documentation based upon? Version 2.0, November 2008

Section 3: Pre-project landfill gas collection and control system information (fill out only if there was a landfill gas collection and/or control system in place that is separate from the Project system)

21. Type of pre-project landfill gas collection and control system in place, if any (e.g., open flare, enclosed flare, energy recovery etc.):

N/A



- i. If Landfill gas collection system is in place, is the system actively collecting or passively venting gas?

N/A

- ii. If flare or energy project is in place, what is the landfill gas flow rate (in scfm) and methane content?

N/A

- iii. Name of system designer, address and other contact information.

N/A

- iv. Supply a copy of the as built drawings for the pre-project system. Be sure to include in the diagram the location of all pre-project wells and/or other collection equipment and the location of all project-related wells and/or other collection equipment. (Attach as a separate PDF file titled: Pre-project LFG System Diagram)

22. When was this pre-project control system installed and operational?

N/A

23. Provide a summary of the permits obtained to build and operate this Landfill Gas Control System).

N/A

Section 4: Landfill gas utilization information for project activity

24. Landfill gas utilization (e.g., open-flared, enclosed flare, generation of electricity, use on-site as a boiler or furnace fuel, or sale to a third party):

Open Flare only in 2009 and first half of 2010; Electrical Generation facility under design for start up in late 2010



25. When was this combustion/LFG utilization system installed and operational, or when is it expected to be installed and operational?

Construction in progress - start up scheduled for September 2009

26. If designed to generate electricity:

- i. Type of engine-generator set (e.g., internal combustion engine, micro turbine or fuel cell with the name of the manufacturer, model, power output rating (kW or MJ) for biogas, and nominal voltage :

Under design

- ii. Pretreatment of landfill gas (e.g., none, condensate trap, dryer, hydrogen sulfide removal, etc. with the names of manufacturers, models, etc.):

Under design

- iii. Exhaust gas emission control (e.g., none, catalytic converter, etc.):

Under design

- iv. If interconnected with an electric utility:

- Name of the utility: under negotiation
- Type of utility contract (e.g., sell all/buy all, surplus sale, or net metering):

- v. If engine-generator set waste heat utilization:

- Heat source (e.g., cooling system or exhaust gas or both) and heat recovery capacity (Btu or kJ/hr):

N/A

- Waste heat utilization (e.g., water heating, space heating, etc.):

N/A

27. If designed to use on-site as a boiler or furnace fuel, a description of the boiler or furnace including manufacturer, model, and rated capacity (Btu or kJ/hr):

N/A



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28. If designed for biogas sale to a third party, a description of the methods of processing, transport, and end use:

N/A

- i. Pretreatment of Biogas (e.g., none, condensate trap, dryer, hydrogen sulfide removal, etc.) include names of manufacturer, model etc.:

N/A

- ii. Exhaust gas emission controls from gas processing step:

N/A

29. Provide a summary and citation of the permits obtained to build and operate this Landfill Gas Utilization System).

Minor modification to Georgia EPD Solid Waste Permit #058-012D (MSWL) dated 2/29/2008