

December 7, 2007

Butte County Responses to RFP Questions (Response 1):

Asked at the Job Walk:

1. What is the flare turn-down, make and model of the flare

ANSWER: The manufacturer is Perennial Energy Inc, West Plains, MO 65775. The model is GHS-1800-750. The Serial number is GHS-1472. The maximum flow rate is 1800 SCFM. The minimum flow rate is 750 SCFM. The enclosed gas flare station is rated at 45MMBtu/h. Jaime, of Perennial states that the turn down ratio is 10:1.

2. What is the blower turn-down, make and model

ANSWER: see above

3. What are the site location(s) that are acceptable for an energy conversion facility

ANSWER: The County is issuing a RFP for a design of permanent facilities for the Neal Road Landfill which in part will design a location for this facility. The landfill engineer has tentatively identified a location east of the construction entrance.

4. Where is the nearest PG&E gas transmission pipe line

ANSWER: See question 17.

5. Have any companies (users) contacted the County expressing an interest in the LFG

ANSWER: No

6. Could the Developer have their own Title V permit

ANSWER: Initial response from Butte County Air Quality Management District was No, but they are reviewing EPA guidance documents on this issue. If the District provides additional guidance it will be forwarded to those in attendance at the Job Walk.

7. Who owns the 50-acres adjacent to the landfill that were mentioned as being for sale for \$1MM

ANSWER: Don Swartz, Swartz and Swartz, Inc. The figure mentioned may be dated. The County has not confirmed the availability or price.

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8. Will the County tie the gas condensate collection system to the leachate systems. This would be needed if the flare has insufficient fuel to evaporate condensate.

ANSWER: The landfill engineer indicates that this can be accomplished with installation of approximately 500 – 600 feet of HDPE pipe.

9. Is water available – at a cost, or free

ANSWER: There is an irrigation well on-site used for dust control. To answer this question, the County would need to know the amount and intended use of the water.

10. Would like last 10-years history of waste received

ANSWER: Attached. The County only has accurate customer transaction data from 1999 on. Previous transactions were volume based.

11. How much electricity is used by the flare station

ANSWER: See answer 12.

Asked by BioFuels Energy LLC:

12. What is the County's historical use and cost of electricity at the site ? Under what PG&E rate schedule is the energy provided? Average cost per kWh?

ANSWER: The average usage for the flare is 10,700 kWh per month. The average usage for the rest of the facility is 4,500 kWh per month. The average cost per kWh is \$0.1820 per kWh

13. Will the County evaluate a Developer more or less favorably if it proposes to operate the LFG extraction well field?

ANSWER: The proposals will be evaluated for feasibility of the project, sustainability of the project, and overall value to the County.

14. Can it be proposed that the existing flare be utilized to destroy any of the LFG not being utilized by the Developer?

ANSWER: The County is currently seeking validation from the manufacturer as to the minimum flow the flare can operate and within Title V requirements.

15. Will the existing CUP allow for 6 round trips a day for tube trailers to transport the treated LFG offsite? Any other known constraints for this concept?

ANSWER: The County is currently working with the lead agency on this determination. The landfill Solid Waste Facility Permit (based in part on CUP) allows up to 600 vehicles per day. Existing use is approximately 400 vehicles per day. Therefore, Public Works does not anticipate the 6 roundtrips to impact the permit.

16. Will it be possible for the Developer and other members of the Developers team to make future visits to the site prior to proposal submittal?

ANSWER: Yes, please provide advance notice.

17. Is there natural gas available at the site? What is the size of the line?

ANSWER: In talking with a PG&E (local utility) employee, there is a main supply located on Neal Road within a mile of the landfill. Size is unknown, but it supplies the most of the Town of Paradise (Population 25,000). The County is seeking these answers from the PG&E engineering division.

18. What has been the historical variance of methane and nitrogen in the waste stream? Other testing data available?

ANSWER: Researching.

19. Has the County developed any cost estimates for the next phase of gas collection system?

ANSWER: No. SCS Engineers has been engaged to develop a Master Plan for the Neal Road Landfill Gas Collection System. The County anticipates a product in the Spring of 2008.

20. Has the the County installed any horizontal or vertical wells for the next phase of the project? Is it anticipated that the County independent of the existing RFP would do so before 12/31/08?

ANSWER: This will be dependent on a couple of issues. First is the Master Plan design mentioned in the previous answer and the second would be the requirements established by AB 32, if enacted. AB 32 may require a gas collection system to be installed in waste cells that contain waste greater than two (2) years old.

21. Is there a draft contract available for review? If not has the County previously executed a third party contract with a landfill gas project developer? Can that contract be made available for review?

ANSWER: There is no draft contract. The County has not previously executed a contract with a third party for a landfill gas project developer.

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The landfill gas collection and control system was installed as part of a landfill closure project. The County insurance requirements were made part of the RFP.

22. Has an electrical interconnect study ever been conducted for the Neal Road LF? If not, what is the closest distance to a PG&E transmission or distribution line?

ANSWER: The County has not conducted a study for an interconnect for the landfill. A PG&E employee indicated that the current supply lines to the landfill could be utilized, but others have indicated that it could not. The County has a request into PG&E engineering division for an answer to the second part of this question, but Developers should also seek this information.

If you heard a question asked on the job walk that is not listed in this email, please ask it via email and we will respond with an official reply.”