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May 28, 2008

Proposal P83-97327

Napa-Vallejo Waste Management Authority  
1195 3<sup>rd</sup> Street, Room 101  
Napa, CA 94559

Attention: Mr. Trent Cave, R.E.H.S.

**Subject: Proposal to Provide Compliance Reporting Services for the American Canyon Sanitary Landfill**

Dear Mr. Cave:

Golder Associates Inc. (Golder) is pleased to submit this proposal to provide compliance reporting support for the Napa-Vallejo Waste Management Authority's (Authority) American Canyon Sanitary Landfill (ACSL) located at the end of Eucalyptus Road in American Canyon, CA. These proposed services include the preparation of two semi-annual compliance reports, one annual compliance certification report, daily flare operations review, and monthly review and reporting of compliance assurance/monitoring data.

This proposal includes our scope of work, schedule, budget estimate, and assumptions. The scope of work has been prepared based upon our familiarity with the ACSL, your Title V Operating Permit, Bay Area Air Quality Management District (BAAQMD) Regulations, NSPS/EG and NESHAPS SSM Plan requirements, and landfill operations.

The scope of work is described in greater detail in the following paragraphs.

#### ***Daily Flare Operations Review***

Each working day, Golder will connect via modem to the Yokogawa Data Acquisition System (DAS) to review and download the flare operating data. Routine contact will be maintained with the Gas Recovery Systems (dba Fortistar Methane Group (Fortistar)) operator at the site for information concerning flare operation. In the event the flare data shows that the key operating parameters do not reflect compliant operation, immediate contact will be made with Fortistar to initiate corrective action.

#### ***Reporting***

In an effort to customize our reporting to the Authority's needs, Golder proposes to provide weekly email summaries. In these email summaries, Golder will provide explanations of system performance (i.e., NSPS compliance status based on daily DAS output, weekly field reports, need for repair/maintenance, explanation of gas quality anomalies, non-routine site visits, etc.).

Formal monthly reports will be submitted to the Authority 15 days following the end of the month. These reports will summarize all activities performed during the month and present collected data in a tabular format. Collected data will be checked against regulatory standards for compliance. Recommendations for data that is out of compliance will be made to ensure that progress towards compliance is being achieved.

***Preparation of Annual and Semi-Annual Title V Reports***

The requirements of this activity are to prepare the two semi-annual reports as required by Title V Permit Condition F, and the Annual Compliance Certification as required by Title V Permit Condition G. Golder will provide the necessary materials and labor to assemble, review, and summarize the operations monitoring data and prepare the reports for your review and approval. Each semi-annual report will also meet the requirements for the partial Regulation 8-34 reports for the BAAQMD and the 'Startup, Shutdown, Malfunction Plan' semi-annual reports.

The following types of data are required to be included in the Annual and Semi-Annual Reports, and for completing the Compliance Certification:

- Operating records which consists of equipment operating logs, emission and collection system downtime, flare operating records, waste acceptance rates and in place amounts
- Landfill component leak check monitoring records and results
- Monthly well head monitoring records
- Landfill surface monitoring records
- Cover integrity monitoring records
- Flare continuous temperature monitoring records
- Gas flow meter records from FORTISTAR and the Flare
- Initial performance source test results conducted for the flare
- Items required by 40 CFR Part 60 757(f) and (g) including flare downtime, collection system diagrams and maps, collection system design basis, and expansion provisions.

Golder will work with Fortistar to gather this information so it can be reviewed for completeness and compliance issues. Golder will alert the Authority if any issues are discovered during the review. In the event data is missing, we will notify the Authority and investigate the availability of alternate data sources, as necessary and reasonable.

Golder will assemble the semi-annual report in draft form for your review and approval. The first reporting period will encompass the period June 1st through November 30th. The report is to be submitted by December 31, 2008. The subsequent report will encompass the period December 1 through May 31. The report is to be submitted by June 30, 2009. A draft of the reports will be submitted to the Authority approximately two weeks prior to the due date for review and approval. Upon inclusion of your comments, Golder will prepare and deliver one bound copy of the Semi-Annual Report to the BAAQMD, and one bound copy of the Semi-Annual Report to the US EPA region IX.

A site contact for the landfill and the energy plant will be required to obtain the necessary information. It is preferable that an arrangement be made where data is transmitted to Golder on a monthly basis for a brief review and quality check. Issues related to the compliance status of the facility can be detected and corrected in a timely manner.

#### ***Annual Compliance Certification***

The certification period will be December 1 to the following November 30. The certification will be submitted by December 31st of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. A draft of the certification report will be submitted to the Authority approximately two weeks prior to the due date for review and approval. After incorporating the review comments, final reports will be delivered to the BAAQMD. Two copies will be submitted; one to the BAAQMD and one to the US EPA Region IX.

#### ***Annual 8-34 Report***

The 8-34 annual report has been combined with the semi-annual reports and is no longer required to be submitted as a separate entity.

Note: Golder is evaluating the possibility of exempting the ACSL from Major source status. A synthetic minor operating permit will remove the need to prepare the annual compliance certification and the two semiannual reports. However, the BAAQMD annual report will be required. As soon as the synthetic minor operating permit is issued, Golder will modify the proposed price to reflect the reduced scope of work.

#### ***Budget***

The cost of performing the work described above is prepared on a time and materials basis as shown in the following table. The estimated cost and proposed scope of work are based on information available to Golder at this time and the attached assumptions. If conditions change, unforeseen circumstances are encountered, or work efforts are redirected, the cost estimate may require modification. The total cost will not be exceeded or the scope of work altered without the express written consent of the Authority.

**Estimated Costs**

Task	Labor Hours	Labor	Other Direct Cost	Cost
Daily Flare Data Review	65	\$6,200	0	\$6,200
Monthly Reporting	264	\$26,458	\$500	\$26,958
Two Semi-Annual Reports	189	\$21,370	\$0	\$21,370
Compliance Certification	19	\$1,972	\$0	\$1,972
Total				\$56,500

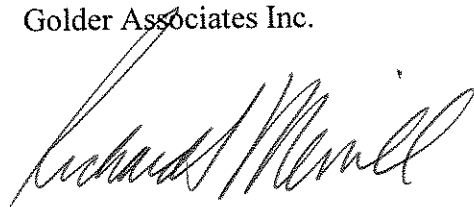
**SCHEDULE**

**The period of performance is from July 1, 2008 through June 30, 2009.**

Golder will begin work on July 1, 2008 assuming authorization has been received based on mutually agreeable terms and conditions from The Authority. Flare data will be downloaded daily from the Yokogawa Data Acquisition System. Golder will schedule site visits on a quarterly basis to obtain information, clarify uncertainties, and update site information binders. Draft documents will be forwarded for review such that adequate time is available (assumed to be 10 working days) for your review. Final documents will be prepared, duplicated, and distributed within 3 working days of receipt of comments.

We look forward to continuing to work with you!

Golder Associates Inc.



Richard S. Merrill  
Senior Consultant



William L. Fowler, P.G., C.E.G.  
Associate/Program Manager