

**APPLICATION NUMBER 8-
Salt Lake Valley Health Department
Project Title: Air Sampling Training and Equipment**

UTAH DIVISION OF WATER QUALITY
195 North 1950 West
PO Box 144870
Salt Lake City, Utah 84114-4870

Red Butte Creek Project Proposal Form

NOTE: Proposal must be no longer than 6 pages. Supplemental documents such as letters of support, information to demonstrate previous project implementation and other relative supportive documents may be submitted in addition to this form.

Applicant Name: Ron Lund

Co-Applicant Name(s) (if applicable):

Project Title: Air Sampling Training and Equipment

Agency or Business Name (if applicable): Salt Lake Valley Health Department

Mailing Address: 788 East Woodoak Lane City: Murray State: UT Zip: 84107

Phone: (385) 4683902- E-mail: rlund@slco.org

Individual Non-Profit Govt. Agency Academic Commercial Other

1. Estimated Project Costs:

Labor	\$ _____
Materials	\$ _____
Equipment	\$ <u>30,000</u>
Administration	\$ _____
Miscellaneous	\$ _____
TOTAL	\$ <u>30,000</u>

Other sources of project funding:

_____	\$ _____	_____	\$ _____
Source	Amount	Source	Amount

Total project cost including other sources of funding: \$30,000
(please include bids for labor, equipment, rentals, etc.)

2. Describe the purpose and need of the project:

To enable Salt Lake Valley Health Department to measure gases in the air. This will include measurement of volatile organic compounds monitored during the Red Butte Oil Spill Response by private contractors. This meter will be utilized in an emergency response event and for other health department activities.

3. Estimated time frame of the project with significant milestones (Note: Project must be completed with final reports filed by November 10, 2014):

The project will be a one time purchase of a Graywolf Direct Sense Tox (Multi-gas Monitor) meter. By Fall 2011 Salt Lake Valley Health Department Emergency Response staff will be trained on use, calibration and maintenance of the equipment.

4. Describe the location of the project with attached location map, including details on the total area that will be directly enhanced by the project: Not applicable
5. Describe how the project will specifically enhance and protect waterways affected by the Red Butte releases and improve the conditions of one or more of the following: wildlife, habitat, natural vegetation, water quality or emergency response:

The meter will allow the Health Department to do evaluation of gases in the environment that may present a hazard to public health. This meter would have allowed for monitoring of the BTEX gases at a parts per million or parts per billion level.

6. Describe project's connectivity to other natural areas or projects that further enhance wildlife, habitat, natural vegetation, water quality or emergency response: The meter will be able to be utilized in all areas of the Salt Lake Valley.

7. Describe any additional social benefits of implementing this project:

This will enable the Health Department to monitor for some gases of concern early in an event. The long term air monitoring would need to be done by another agency or a private contractor.

8. Project plans and details, including rights to work on specified piece of land: Not Required

9. Describe your experience in implementing projects of similar scope and magnitude:

The Health Department has a mercury meter that is used for mercury assessments in homes and the environment. The meter is calibrated using Health Department funds.

10. Describe how ongoing maintenance of the project will be funded and carried out:

On-going maintenance of the meter will require funds from the Salt Lake Valley Health Department to calibrate and replace monitors.

11. List consultants or agency partners that have participated in project development (below):

Name/Company	Address	Phone

Name/Company	Address	Phone

Name/Company	Address	Phone

Signature Ronald D. Chung Date 12/13/11
 Applicant

Signature _____ Date _____
 Co-Applicant (if applicable)