



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

900 North Skyline Dr., Suite B • Idaho Falls, Idaho 83402-1718 • (208) 528-2650

Dirk Kempthorne, Governor
Toni Hardesty, Director

October 13, 2005

Dale Peterson
180 Lee Creek Street
Leadore, ID 83464

Re: Well Design Approval for New 8 Room Motel, Drinking Water, City of Leadore, Lemhi County, DEQ# 05-08-30

Dear Mr. Peterson:

We have reviewed the plans for the **New 8 Room Motel Water Supply Well**. The plans appear to meet state standards and are hereby approved with the following conditions:

- ◆ A completed well log must to be submitted to this office upon completion of the well.
- ◆ This water system may be regulated as a **non-community transient public water system**. Since the system may be a regulated public water system a complete water quality analysis including coliform bacteria, general mineral, general physical, Nitrate, and Nitrite must be completed and in compliance with the public drinking water standards. DEQ must approve the water quality test results before the well is placed into domestic service (see Attachment for required monitoring).
- ◆ DEQ must be notified upon completion of the well so that the well can be inspected.
- ◆ The well shall be test pumped in accordance with **IDAPA 58.01.08.550.03.f.i**, and the appropriate data submitted to DEQ.
- ◆ It appears that the well is within 500 feet of a surface water source. Upon completion of the well a Ground Water Under the Direct Influence of Surface Water (GWUDI) test must be conducted on the well to determine if the surface water source is influencing the drinking water well. This type of test must be conducted in the months of highest run-off (spring months).

This approval is for the well design only. We will give final project approval after it is established that the system is operating properly. This office before field installation must review deviations from the approved plans, which might result in violation of Idaho Regulations. This office must be kept informed of the scheduling of all construction phases so that we can make spot inspections as necessary.

IFRO

32166

Mr. Peterson
October 13, 2005
Page 2 of 2

This approval will expire **October 13, 2006**. If construction is not complete by the expiration date, plans will need to be resubmitted for approval before further construction proceeds.

Within 30 days after construction, a professional engineer registered in the State of Idaho must provide this office with as-built plans or a letter of certification stating that the project was installed with substantial accordance to the approved plans.

A copy of the approved plans and specifications will be kept on file at this office. Please reference **DEQ No. 05-08-30** when submitting any future correspondence related to this project. If you have any questions regarding this letter or if we can be of further assistance, please call me at (208) 528-2650.

Sincerely,

A handwritten signature in black ink, appearing to read 'Carlin Feisthamel', written over a horizontal line.

Carlin Feisthamel, P.E.
Water Quality Engineer
Idaho Falls Regional Office

Attachment (1)

c: Greg Eager, Regional Engineering Manager, DEQ-Idaho Falls
Kellye Eager, District Seven Health Department
Ryan Loftus, Aspen Engineering
Kent Spencer, State Plumbing Inspector
Dennis Dunn, Department of Water Resources