

Churchill County
Agenda Report

Agenda Item:

Consent # C

Date Submitted: October 4, 2007

Agenda Date Requested: October 17, 2007

To: Board of Churchill County Commissioners

From: Pamela D. Moore, Administrative Aide to the Board of County Commissioners

Subject Title: The Nevada Division of Environmental Protection (NDEP) provides notice that it has reviewed the Site Characterization Report and Interim Product Recovery Activities at the Churchill County School District Bus Barn.

Type of Action Requested: (check one)

Resolution

Ordinance

Formal Action/Motion

Other – Informational Only

Does this action require a Business Impact Statement? No

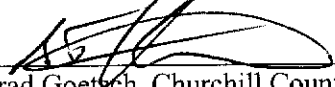
Recommended Board Action: None.

Discussion: The Nevada Division of Environmental Protection (NDEP) provides notice that it has reviewed the Site Characterization Report and Interim Product Recovery Activities at the Churchill County School District Bus Barn [Facility ID#5-000172, Activity 2, Petroleum Fund Case ID#2007000013(H)]. The report details the levels of benzene, ethylbenzene, and total xylenes. MGA recommends the continuation of weekly interim free product recovery activities, implementation of quarterly groundwater sampling, and one additional groundwater monitoring well downgradient of the free product plume. NDEP concurs with the recommendation of weekly interim free product recovery activities but would like to pursue free product recovery measures at the site that will work with the very low recharge rates that the bail down tests indicate are occurring at the site. NDEP does not concur with the implementation of quarterly monitoring at the site or the installation of an additional monitoring well. Also, based on the TPH concentrations in soil surrounding the former tank location, NDEP determines that corrective action for soil is required. A Work Plan should be received by NDEP by November 9, 2007, with informational discussions regarding the proposed work plan for the site as soon as possible.


Prepared By: Pamela D. Moore, Administrative Aide

Date: October 4, 2007

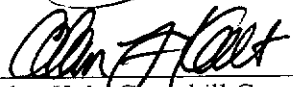
Reviewed By:


Brad Goetsch, Churchill County Manager

Date: 19 Oct 07, 2007


Rusty Jardine, Churchill County Civil Deputy Attorney

Date: 9 Oct, 2007


Alan Kalt, Churchill County Comptroller

Date: 10/9/07, 2007

Board Action Taken:

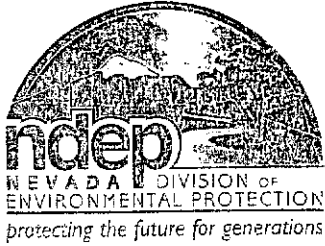
Motion: _____

1) _____

Aye/Nay

2) _____

(Vote Recorded By)



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION
BUREAU OF CORRECTIVE ACTIONS

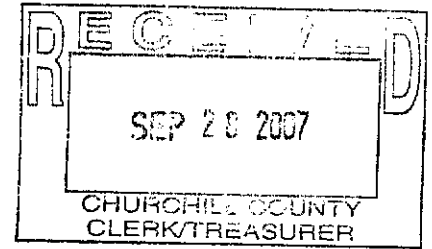
P: 775.687.9368 F: 775.687.8335

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

September 26, 2007



Mr. Jim Sustacha
Churchill County School District
545 E. Richards Street
Fallon, Nevada 89406-3430

SUBJECT: Review of Site Characterization Report and Interim Product Recovery Activities, August 2007
Churchill County School District Bus Barn
283 Sherman Street, Fallon, Nevada
NDEP Facility ID #5-000172, Activity 2
Petroleum Fund Case ID #2007000013(H)

Dear Mr. Sustacha:

The Nevada Division of Environmental Protection (NDEP) reviewed the *Site Characterization Report and Interim Product Recovery Activities*, prepared on your behalf by Tracy Johnston, CEM of McGinley & Associates (MGA). The report was received on August 21, 2007. The report details the installation of four four-inch diameter monitoring wells (MW-7, MW-8, MW-9, and MW-10) to assess the lateral extent of free product at the site. None of the four wells contained free product, so groundwater samples were taken from the new monitoring wells. MW-8 had a benzene concentration of 5.8 µg/L, ethylbenzene concentration of 1.1 µg/L, and total xylenes concentration of 1.1 µg/L. MW-7 had concentrations of ethylbenzene and total xylenes at 11 µg/L and 54 µg/L, respectively. MW-9 and MW-10 had no contaminant concentrations that exceeded the laboratory reporting limits.

The report also describes the installation of three six-inch diameter product recovery wells (PRW-1, PRW-2, and PRW-3) at the site and weekly free product recovery events from all site wells that contained free product. Free product has been measured in the six one-inch diameter monitoring wells (MW-1 through MW-6) and product recovery wells PRW-1 and PRW-3. PRW-2 did not contain free product. Product recovery began on July 8, 2007, and in one month, 31 gallons of free product was recovered from the monitoring wells and product recovery wells. Bail down tests were conducted to determine the recharge rate of product recovery wells, and approximately four hours after completing product recovery activities, free product at each well was measured at less than ½ of an inch.

MGA recommends the continuation of weekly interim free product recovery activities. Also recommended is the implementation of a quarterly groundwater sampling program at the site for those wells that do not contain free product. The installation of one additional groundwater monitoring well downgradient of the free product plume is also recommended.

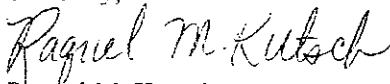
The NDEP concurs with the recommendation for the continuation of weekly interim free product recovery activities. The NDEP would like to pursue free product recovery measures at the site that will work with the very low recharge rates that the bail down tests indicate are occurring at the site. The NDEP does not concur with the implementation of quarterly monitoring at the site or the installation of an additional monitoring well. Also, based on the TPH concentrations in soil surrounding the former tank location (48,900 mg/kg at GB-8), the NDEP has determined that corrective action for soil is required.



Mr. Jim Sustacha
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Please submit a work plan for corrective action for soil and free product in groundwater at the site. This work plan should be received by the NDEP by November 9, 2007. The NDEP notes that it would be of value to have informal discussions regarding the proposed work plan for the site as soon as possible. If you should have any questions, please feel free to contact me at (775) 687-9443 or rkutsch@ndep.nv.gov.

Sincerely,



Raquel M. Kutsch
Environmental Scientist
Bureau of Corrective Actions

cc: Mr. Art Gravenstein, NDEP
Mr. Hayden Bridwell, Petroleum Fund Branch, NDEP
Mr. Tracy Johnston, McGinley and Associates, Inc., 425 Maestro Drive Suite 202, Reno, NV 89511
Mr. Brad T. Goetsch, Churchill County Manager, 155 N. Taylor Street, Ste. 153, Fallon, NV 89406
Ms. Gwen Washburn, Chair, Churchill County Board of Commissioners, 155 N. Taylor Street, Ste. 110, Fallon, NV 89406
Ms. Eleanor Lockwood, Planning Director, 155 N. Taylor Street, Ste. 194, Fallon, NV 89406
Mr. Larry White, Fallon City Engineer, 55 W. Williams Ave., Fallon, NV 89406
Mr. Steve Endacott, Emergency Management Coordinator, 55 W. Williams Ave., Fallon, NV 89406
Mr. Jerry Mayfield, Manager, Public Works, 55 W. Williams Ave., Fallon, NV 89406