

Churchill County  
Agenda Report

Date Submitted: October 22, 2007

Agenda Item: Consent # C  
Agenda Date Requested: November 1, 2007

To: Board of Churchill County Commissioners  
From: Pamela D. Moore, Administrative Aide to the Board of County Commissioners  
Subject Title: Notice from Nevada Division of Environmental Protection (NDEP) regarding the Groundwater Monitoring and Remediation Report 2<sup>nd</sup> Quarter 2007 at the Time Oil Store #6-108, 1325 So. Taylor Street, Fallon, NV.

Type of Action Requested: (check one)  
 Resolution  Ordinance  
 Formal Action/Motion  Other – Informational Only


Does this action require a Business Impact Statement? No

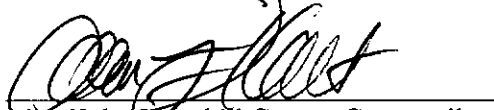
Recommended Board Action: None.

Discussion: Notice from Nevada Division of Environmental Protection (NDEP) regarding the Groundwater Monitoring and Remediation Report 2<sup>nd</sup> Quarter 2007 at the Time Oil Store #6-108, 1325 So. Taylor Street, Fallon, NV (NDEP Facility ID #5-0000110, Petroleum Fund Case ID#2005000039). During this quarter, 7 groundwater monitoring wells, one observation well, one groundwater extraction well and one domestic well were sampled for benzene, toluene, ethyl benzene, xylene and MTBE. Three of the wells had one or more contaminants above Nevada State Action Levels or maximum Contaminant Levels. There were no contaminants found in the off site domestic drinking water well. A modified system installation began in June as outlined in the attached report. It is anticipated that the system will start up in September. Contaminant concentrations have generally decreased since the contaminated source area soils were removed. MGA anticipates that the capture zone for the remediation system will extend beyond off site monitor well MW-7. The off site contamination to the north east may be drawn back on site and recovered by the groundwater extraction wells. NDEP concurs with this report and recommendations for the 2<sup>nd</sup> Quarter 2007. Their 3<sup>rd</sup> Quarter 2007 is due to NDEP by October 31, 2007.

Prepared By: Pamela D. Moore, Administrative Aide Date: October 22, 2007

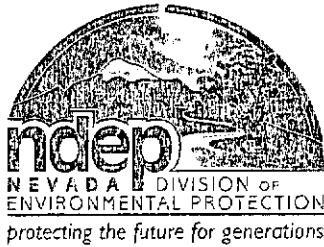
Reviewed By:  Date: October 23, 2007  
Brad Goetsch, Churchill County Manager

 Date: October 23, 2007  
Rusty Jardine, Churchill County Civil Deputy Attorney

 Date: October 23, 2007  
Alan Kalt, Churchill County Comptroller

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

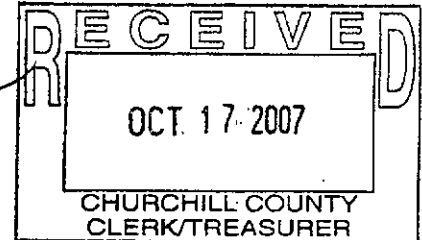
Leo M. Drozdoff, P.E., Administrator

October 13, 2007

RECEIVED

OCT 17 2007

CHURCHILL COUNTY COMMISSIONERS



Mr. Mark Chandler  
Time Oil Company  
2737 West Commodore Way  
Seattle, WA. 98199

SUBJECT: Groundwater Monitoring and Remediation Report 2nd Quarter 2007  
Time Oil Store #6-108, 1325 S. Taylor Street, Fallon, NV.  
NDEP Facility ID # 5-000110, Petroleum Fund Case ID#2005000039

Dear Mr. Chandler:

On September 24, 2007, the Nevada Division of Environmental Protection (NDEP) received your, Groundwater Monitoring and Remediation Report 2nd Quarter 2007, Time Oil Store #6-108, dated September 2007, prepared by McGinley & Associates.

During the quarter seven groundwater monitoring wells, one observation well, one groundwater extraction well and one domestic well were sampled for benzene, toluene, ethyl benzene, xylene and MTBE. Three of the wells had one or more contaminants above Nevada State Action Levels or maximum Contaminant Levels. There were no contaminants found in the off-site domestic drinking water well.

The remediation system plans were modified after approximately 630 cubic yards of contaminated soils were removed from the source area after the leaking underground storage tank was removed. The revised system will utilize two vapor extraction wells instead of six. A regenerative blower will be used instead of a positive displacement blower. Treatment of extracted groundwater will be accomplished with granular activated carbon only. An oxygen enhanced delivery system will not be installed. The modified system installation began in June. It is anticipated the system start up will begin in September.

Contaminant concentrations have generally decreased since the contaminated source area soils were removed. MGA anticipates that the capture zone for the remediation system will extend beyond off site monitor well MW-7. The off site contamination to the north east may be drawn back on site and recovered by the groundwater extraction wells.

The NDEP concurs with this report and recommendations for the 2nd Quarter 2007 Monitoring and Remediation. Accordingly please provide the 3rd Quarter 2007 Report to this office for review and approval. This information must be received not later than October 31, 2007.

Should you have any questions or if I can be of assistance, please do not hesitate to contact me at (775) 687-9371 or email jsawyer@ndep.nv.gov.



Sincerely,



Joseph A. Sawyer, P.E.  
Staff Engineer  
Bureau of Corrective Actions

cc: Mr. Art Gravenstein, Supervisor, Bureau of Corrective Actions, NDEP  
Mr. Tracy Johnston, C.E.M., McGinley & Associates, 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  
Mr. Lee and Luella Garrner, 1400 S. Taylor Street, Fallon, NV 89406-8840  
PTB Inc., 7817 Covered Wagon Court, Sparks, NV 89436-8660  
Richard Oakland, P.O. Box 65179, Los Angeles, CA 90065