



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

BUREAU OF CORRECTIVE ACTIONS

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Jim Gibbons, Governor

Allen Biaggi, Director

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September 10, 2007

Mr. Randall Jackson
DCI Management Group, Ltd.
4510 West 63rd Terrace
Prairie Village, KS 66208

Subject: **Request to Modify Groundwater Sampling Procedures**

Facility: Al Phillips the Cleaner (former)
3661 S. Maryland Pkwy
Las Vegas, NV

NDEP ID#: **H-000086**

Dear Mr. Jackson:

The Nevada Division of Environmental Protection (NDEP) has reviewed Al Phillips the Cleaner's request to modify sampling procedures from three-volume purge to low-flow sampling at the referenced facility. According to the request, Al Phillips the Cleaner's consultant, URS, will conduct low-flow sampling using the procedures established by the US Environmental Protection Agency (EPA) and American Society for Testing and Materials (ASTM) procedure D 6771-02.

NDEP concurs with the request to initiate low flow or minimal drawdown sampling at the reference facility. Al Phillips the Cleaner and URS must follow the standards presented in ASTM D 6771-02 and specifically apply the following procedures:

- Maintain pumping flow rates between 0.1 to 0.5 liters/minute (L/min), in order to control the well screen entrance velocity and minimize turbulent flow to well;
- Careful placement of portable pump into the well in order to minimize agitation of the water column;
- Continued or periodic measurement of water level to ensure that water level is maintained without significant drawdown;
- Continuous or periodic measurement of water quality parameters including pH, conductivity, dissolved oxygen (DO) and oxidation-reduction potential (ORP) in a closed flow through cell;
- Use of the criteria for defining stabilization of water quality parameters presented in Table 1 of ASTM D 6771-02; and
- Copies of low flow sampling field sheets provided in quarterly reports detailing field parameter measurements, depth to water measurements, and flow rates.

If you have any comments or questions please contact the NDEP Case Officer, Mary Siders at (775) 687-9496 or email msiders@ndep.nv.gov.



Mr. Randall Jackson
Al Phillips the Cleaner
H-000086
September 10, 2007
Page 2

Sincerely,



Mary A. Siders, Ph.D.
Bureau of Corrective Actions
NDEP Carson City

cc:

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