



January 28, 2008

Mary A. Siders, PhD.  
Nevada Department of Environmental Protection  
901 South Stewart Street, Suite 4001  
Carson City, Nevada 89701

*for:*

Al Phillips The Cleaners, Inc.  
3250 West Ali Baba Lane. Suite C-F  
Las Vegas, Nevada 89119

**Re: Well Installation Work Plan Addendum  
Maryland Square Shopping Center, Al Phillips The Cleaner, Inc.  
3661 South Maryland Parkway, Las Vegas, Nevada  
Facility No: H-000086**

Dear Dr. Siders:

On behalf of our client, Al Phillips The Cleaner (Al Phillips), URS Corporation (URS) prepared this addendum to the Well Installation Work Plan dated September 24, 2007. This addendum addresses installation of two groundwater monitoring wells and one borehole (possibly two) to further assess the downgradient extent of the dissolved tetrachloroethene (PCE) impact to groundwater. This is a modification to what was requested by the Nevada Division of Environmental Protection (NDEP) in a letter dated December 14, 2007.

The purpose of the scope of work presented in this addendum to the work plan is to evaluate and further characterize groundwater impact in the residential area downgradient of the site to better identify the northern boundary of the dissolved PCE plume. The scope of work will be accomplished by performing the following tasks:

- Determine the location of the irrigation well at the adjacent golf course
- Install two new permanent groundwater monitoring wells
- Drill a minimum of one temporary borehole for collection of a grab groundwater sample
- Survey the wells to a vertical datum to evaluate the groundwater gradient and flow direction at the east end of the plume
- Evaluate the northern boundary of PCE impact to groundwater downgradient of the site based on the additional groundwater analysis
- Report findings of the groundwater assessment



The investigation methods, quality control measures, and reporting requirements for completion of the investigation will be performed as outlined in the initial work plan.

URS will contact the management of the adjacent golf course to identify the location of the southern irrigation well located on the property to better assess the possible influence on groundwater flow in the eastern portion of the dissolved PCE plume. Based upon the locations of this irrigation well, the proposed locations of groundwater monitoring wells and temporary boreholes discussed below may change slightly.

The location of the first proposed well (MW-31) is at the intersection of Cochise Lane and Tioga Way as indicated on Figure 1. A temporary borehole (B-T2), located along the southbound lane of Spencer Street, approximately 175 feet north of the Cherokee Lane intersection, will be drilled and a grab sample of groundwater will be collected for analysis of volatile organic compounds with a 24-hour turn-around time. If the analytical results from borehole B-T2 indicate a PCE concentration near or below the Nevada Drinking Water Standards Maximum Contaminant Level of 5 micrograms per liter ( $\mu\text{g/L}$ ), a permanent well (MW-32) will be installed at that location and an additional temporary borehole (B-T3), located on Cherokee Lane between Spencer Street and Algonquin Drive, will be drilled and a grab groundwater sample collected to further assess the northern perimeter of the PCE plume. However, if the analytical data from borehole B-T2 indicate moderate levels of PCE (approximately 10  $\mu\text{g/L}$  or higher), temporary borehole B-T2 will be backfilled in accordance with the protocol outlined in the initial work plan, and permanent well MW-32 will be installed at the alternate location, approximately 100 to 200 feet north of temporary borehole B-T2. The proposed locations of permanent monitoring wells and temporary boreholes are indicated on Figure 1. Drilling is planned to be performed by February 22, 2008.

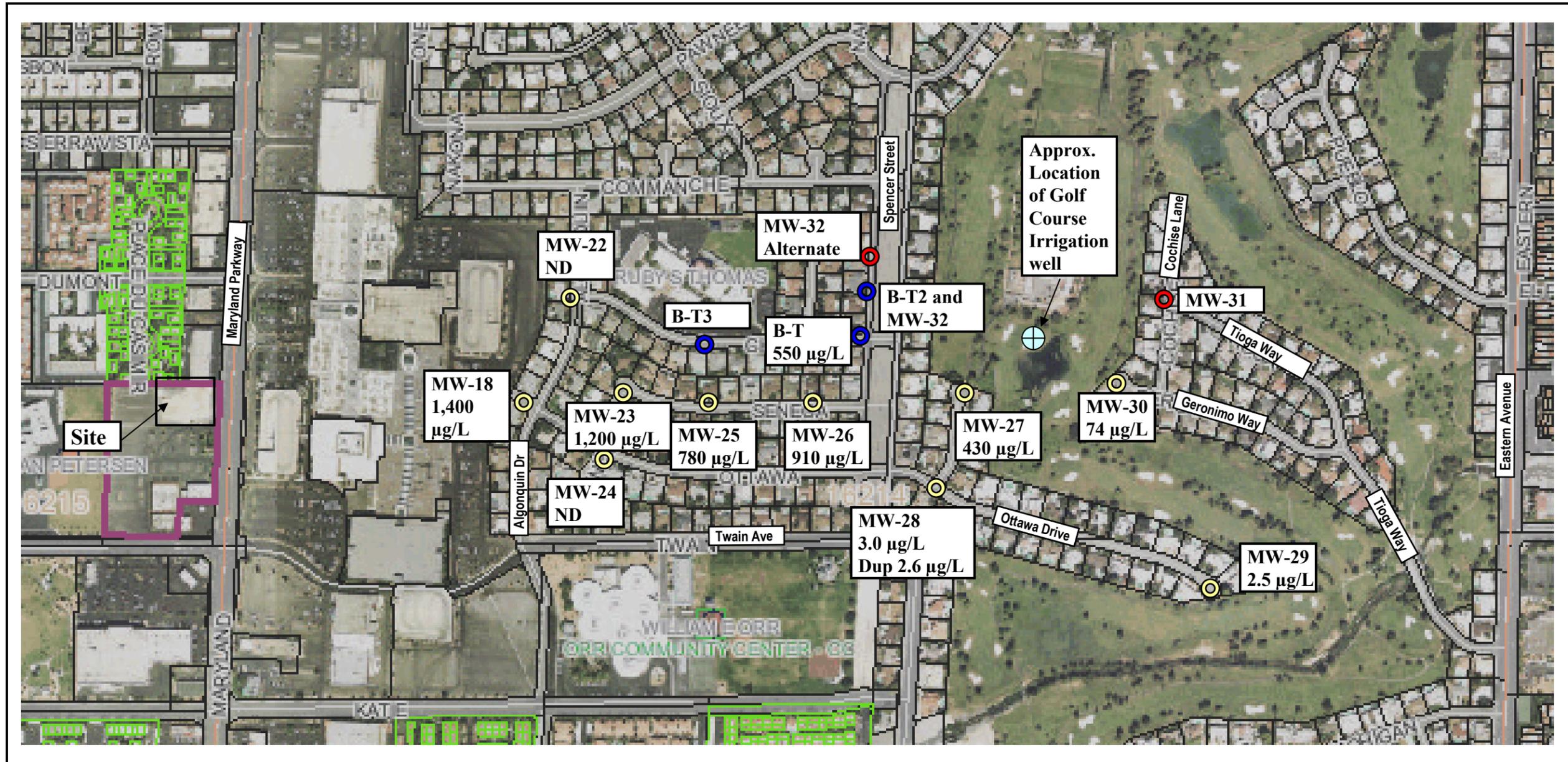
Please contact the undersigned at (702) 492-7921 or (702) 738-2103 if there are any questions regarding this addendum to the initial work plan. We greatly appreciate your consideration in this matter.

Respectfully,

**URS Corporation**

A handwritten signature in cursive script that reads "Scott Ball".

Scott Ball, C.E.M.  
Senior Project Manager



Source: Clark County Assessors Web Site  
 Scale: 0Feet — 500 Feet



- Legend:
- Approximate Location of Proposed Monitoring Wells and Boreholes
  - Approximate Location of Several Existing Monitoring Wells with PCE Concentrations from 4<sup>th</sup> Quarter 2007
  - B-T Approximate Location of Temporary Borehole

**PROPOSED MONITORING WELL LOCATIONS**

Al Phillips The Cleaner  
 Well Installation Work Plan Addendum  
 Maryland Square Shopping Center  
 3661 South Maryland Parkway  
 Las Vegas, Nevada

January 2008  
 Job No. 26698724  
 Addendum Fig 1.ppt

FIGURE 1