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SEP 26 2008

ENVIRONMENTAL HEALTH SERVICES



September 24, 2008

Mr. Wyman Hong
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

**Subject: Groundwater Monitoring Well Destruction
461 McGraw Avenue, Livermore, California
EIS Project # 717-4I**

Dear Mr. Hong:

Environmental Investigation Services, Inc. (EIS) observed the destruction of six groundwater monitoring wells at 461 McGraw Avenue in Livermore on September 23, 2008. The groundwater monitoring wells, numbered MW-1 through MW-6, were originally installed to provide groundwater quality data for a remedial project at the subject site. The remedial project received "no further action" status from Alameda County Environmental Health Services (ACEHS) on August 29, 2008 and ACEHS required the wells be properly destroyed. The well locations are presented on the attached Figure 1.

During the remedial project, a groundwater interceptor trench was excavated near the locations of well MW-4, MW-5 and MW-6. There was less than 2 feet of clear space between the edge of the trench and the wells. Since the depth of the trench is 20 feet, approximately the same depth of the monitoring wells, EIS proposed to destroy these three wells by excavating the wall of the trench to expose the well sand pack and remove the well casing. The void resulted from the well excavation will be backfilled at the same time of the trench backfill. EIS proposed to destroy wells MW-1, MW-2 and MW-3 with the conventional drilling method to drill out the sand pack around the well casing, remove the well casing, and then backfill the borehole with cement grout.

EIS submitted a well destruction permit to Zone 7 Water Agency based on the above described well destruction method on September 12, 2008. Zone 7 Water Agency approved the permit on September 19, 2008. EIS scheduled a drilling contractor Environmental Geoservices, Inc. (EGI) to perform the well drilling task and a general contractor Macoy Resources Corp. (MRC) to perform the well excavation task on September 23, 2008.

On September 23, 2008, an engineer from EIS went to the subject site to coordinate and observe the destruction of the wells. Prior to well destruction, EIS measured and recorded the total depth of each well. The well depth measurements were summarized in the attached Table 1. At well

Environmental Investigation Services, Inc.

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MW-2 and MW-3 locations, the grout seal, bentonite seal, and sand pack were drilled out with hollow-stem augers. The well casing, which remained intact inside the auger, was pulled out with a steel cable. The borehole was backfilled with cement grout through a tremie pipe. The well casings and protective boxes were disposed of as solid wastes.

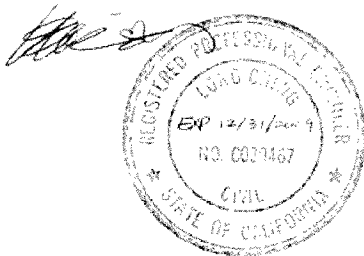
Wells MW-4, MW-5 and MW-6 were excavated to the bottom of the trench and the sand packs were exposed. The well casing, along with the grout seal, was then pulled out with a steel cable. The sand packs, as well as the excavated soils, were placed at the bottom of the trench as part of the trench backfill. The well casings and protective boxes were also disposed of as solid wastes.

At well MW-1 location, there was originally a 5-foot clear space between the well and the edge of the trench. However, prior to the start of the well destruction for MW-1 the grading contractor had removed a portion of the soil to create a slope at the top of the trench. There was insufficient work space between the well and the trench to safely set up the drill rig and destroy the well by the drill method. Therefore, EIS requested MRC to excavate out MW-1 instead of having EGI drill out the well.

In summary, all six groundwater monitoring wells at the subject site were destroyed in accordance with the permit requirements. If you have questions or comments regarding this letter, please contact EIS at 408-871-1470.

Sincerely,

Environmental Investigation Services, Inc.

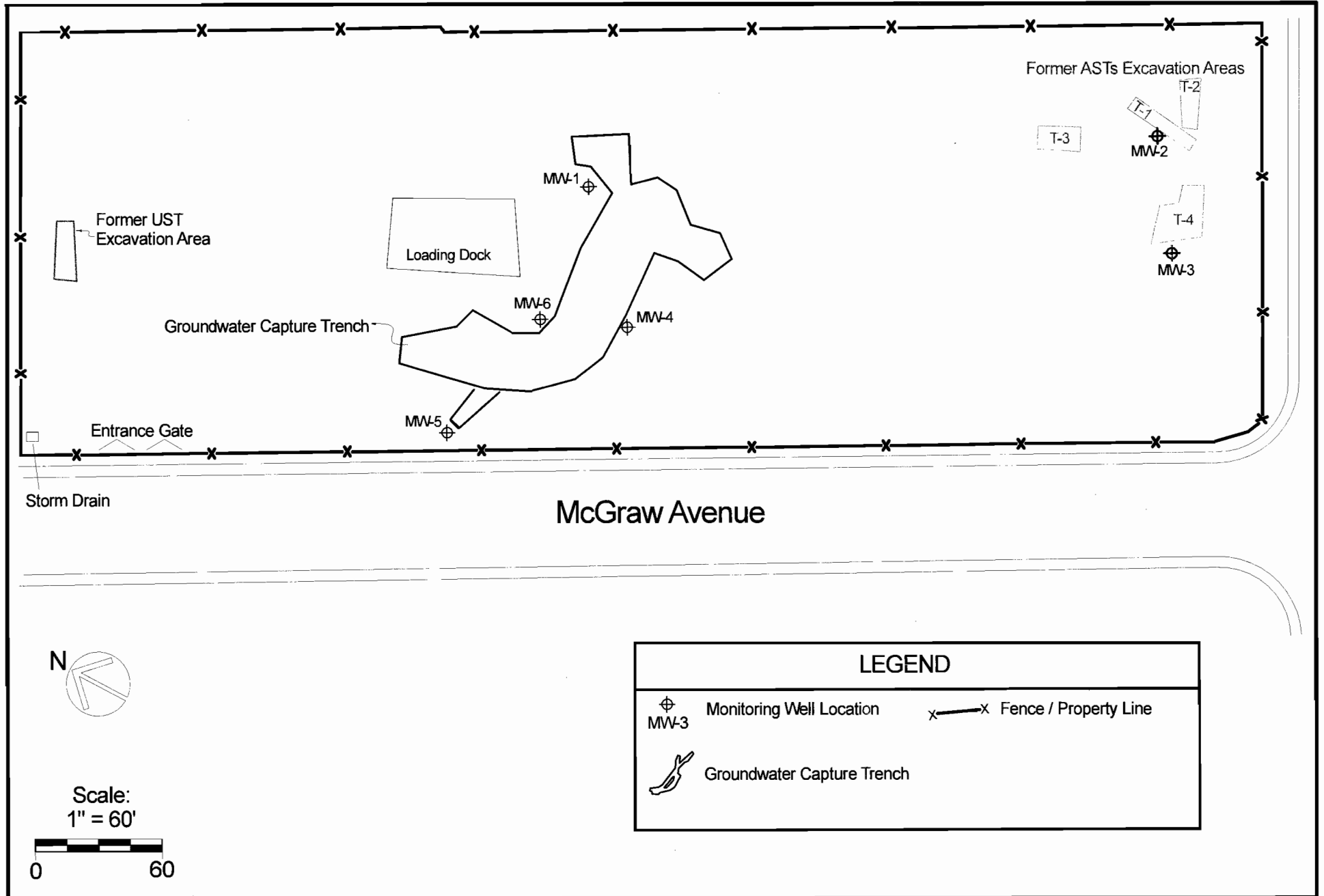


Long Ching, PE
Senior Engineer

cc: Mr. Jerry Wickham, Alameda County Environmental Health Services
Mr. Scott Fooks
Mr. John Mahoney

Attachment:

Table 1 – Well Depth Measurement
Figure 1 – Well Location Map



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Figure 1

Well and Trench Locations
 461 McGraw Avenue
 Livermore, California

Table 1

Summary of Monitoring Well Depth Measurements

Well ID	Depth
MW-1	19.5'
MW-2	19.5'
MW-3	19.6'
MW-4	19.4'
MW-5	19.7'
MW-6	19.5'