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USL Pleasanton Lakes, L.P.

29 July 2013

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely yours,
USL PLEASANTON LAKES, L.P.

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29 July 2013

Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Attention: Mr. Jerry Wickham, PG

Livermore – Pleasanton Fire Department
3560 Nevada Street
Pleasanton, California 94566

Attention: Mr. John Rigter

Subject: Work Plan for Excavation and Demolition of the Wash Rack, Clarifier, and Associated Drainage System East of the Idle Truck Maintenance Building – Former Hanson Aggregates Radum Facility
3000 Busch Road
Pleasanton, California 94566
ACEH SLIC Case Number RO0002952
RWQCB GeoTracker Global ID SL0600101555

Gentlemen:

This work plan has been prepared by Haley & Aldrich, Inc. (H&A) on behalf of USL Pleasanton Lakes, L.P. specifically for excavation and demolition of the wash rack, clarifier, and associated drainage system east of the Idle Truck Maintenance Building in Area of Concern (AOC) #2 at the former Hanson Aggregates Radum Facility located at 3000 Busch Road, Pleasanton, California. This work plan specifies the general scope of work to remove the above structures and any associated contaminated soil.

H&A's contractor, ETIC Engineering, Inc. (ETIC) will excavate and dispose of concrete, piping, sludge/liquid, and soil at the concrete structures tentatively identified as a wash rack, clarifier, and drainage system including the following:

- A pipe from the Idle Truck Maintenance Shop (that appears to convey drainage from at least one drop inlet near the shop) to the clarifier structure (estimated to be 90 linear ft).
- A pipeline from the wash rack to the clarifier (estimated to be 45 linear ft).
- The clarifier (estimated to be 20 ft by 10 ft by 9 ft deep) consisting of approximately 35 cubic yards of concrete and an undetermined amount of uncharacterized contents (liquid and sludge).
- The wash rack and associated drop inlets (estimated to be approximately 65 ft by 15 ft) consisting of a single concrete slab (up to 8 inches thick).

If visually stained, discolored, or odiferous soil is present in the bottom or sidewalls of the excavation it will be removed by overexcavation to the bottom of the excavation or a depth of 8 ft, whichever is greater. Confirmation samples will be collected at a rate of one sample per every 20 linear ft in the excavation sidewalls and one sample per every 400 sq ft in the bottom of the excavation. Confirmation samples will be analyzed by TestAmerica Laboratories, Inc. for the specified constituents by the following analytical methods:

- TPHg, TPHd and TPHmo using EPA Method 8015;
- cadmium (Cd), chromium (Cr), lead (Pb), nickel (Ni), and zinc (Zn) using EPA Method 6010B;

- full scan target list for VOCs, BTEX, MTBE, and lead scavengers (ethylene dibromide [EDB];
- 1,2-dichloroethane [1,2-DCA]) using EPA Method 8260B;
- polychlorinated biphenyls (PCBs) using EPA Method 8082; and
- polycyclic aromatic hydrocarbons (PAHs) using EPA Method 8270C SIM.

If a confirmation sample's analytical results do not meet the specified clean up criteria, the area represented by that sample will be overexcavated and resampled. Sidewall samples will be overexcavated into the excavation face by 1 ft and laterally along the length of the excavation sidewall one-half way to the nearest compliant sample or to the end of the excavation sidewall, whichever is less. Bottom samples with analytical results that don't meet the specified cleanup criteria will be overexcavated by 1 ft in depth and laterally one-half the distance to the nearest compliant sample and a new bottom confirmation sample will be collected until the bottom of the excavation meets site cleanup criteria or a depth of 8 ft, whichever is less.

Any liquid and/or sludge contained within the clarifier or pipelines will be sampled by H&A and the samples will be submitted to TestAmerica Laboratories for analysis for the same target list of constituents as the confirmation soil samples. ETIC will then remove and dispose of the sludge/liquid.

Underground Service Alert (USA) will be contacted a minimum of 48 hours prior to any excavation to provide utility clearances. A private utility locator will also be employed to map subsurface utilities in the areas to be excavated. The health and safety plan being used to perform the work under the master closure plan for the site will be modified to include this new work.

All excavations will be backfilled in 8- to 12-inch moisture compacted lifts of on-site material approved by ACEH. H&A will perform compaction testing to document that adequate compaction has been achieved.

CERTIFICATION

Haley & Aldrich, Inc. has prepared this work plan for the Former Hanson Aggregates Radum Facility, located at 3000 Busch Road, Pleasanton, California, on behalf of USL Pleasanton Lakes, L.P. in a manner consistent with the level of care and skill ordinarily exercised by professional geologists and environmental scientists. This report was prepared under the technical direction of the undersigned California Professional Geologist.

Allan H Atkinson, P.G.
Senior Geologist
California Professional Geologist No. 3515

7/29/13
Date