

April 25, 2018

FACT SHEET ON ENVIRONMENTAL REMEDIAL ACTIONS

Livermorium Plaza Mills Square Park Redevelopment

2259 First Street, Livermore, California

Leaking Underground Storage Tank Case No. RO0002908

Site Cleanup Program Case No. RO0003255

Geotracker Global IDs T0600196622 & T10000010536

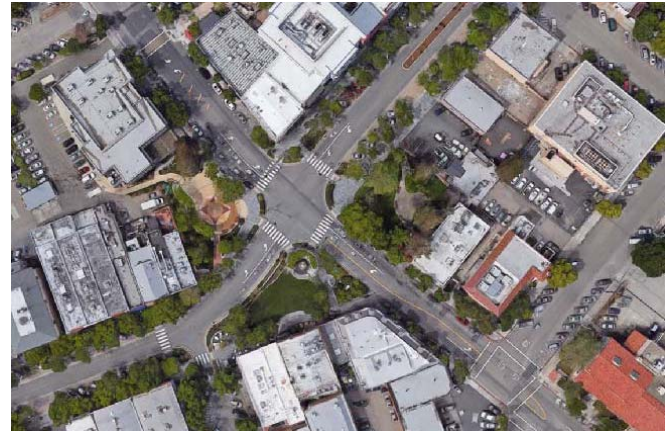
Summary - This fact sheet has been prepared to inform community members and other interested stakeholders of the status the proposed remedial actions at the Livermorium Plaza - Mills Square Park Redevelopment project located at 2259 First Street in Livermore, California ("Site"). This fact sheet contains information concerning site background, site investigations, proposed remedial action plans to be implemented in conjunction with site redevelopment activities, and information contacts.



Site Background - The Site is located on the eastern corner of First Street and South Livermore Avenue in Livermore, California in Alameda County within a commercial area. The Site is an existing park and is planned to be renovated by the City of Livermore (Livermorium Plaza). From 1959 to 1974 a Standard Oil-branded gasoline service station operated at the Site. The service station had underground storage tanks (USTs) containing typical motor fuel petroleum products (gasoline, diesel, and used motor oil). All tanks associated with the service station were removed from the Site. The City of Livermore acquired the Site in 1974 and the park was developed in 1977.

Site Investigation - Data collected during site investigations indicate residual chemicals of concern in the subsurface including elevated lead concentrations in shallow soils (generally 0.5 to 9 feet below ground surface; bgs) and elevated concentrations of petroleum

hydrocarbons in deeper soils (generally 20 to 40 feet bgs). The detected impacts of lead exceed both residential human health risk-based screening levels and/or hazardous waste screening criteria.



Proposed Remedial Action Activities - Chevron Environmental Management Company (CEMC) and the City of Livermore the designated primary responsible parties for the Leaking Underground Storage Tank and Site Cleanup Program cases are working with Alameda County Department of Environmental Health (ACDEH) to implement the following remedial actions at the Site in conjunction with the proposed Site redevelopment activities.

Impacted Soil - The proposed remedial actions by City of Livermore and CEMC include limited soil excavation and offsite disposal to remove elevated lead concentrations in shallow soils in conjunction with redevelopment of the park. Additionally, application of a non-hazardous sulfate solution (gypsum slurry) will be performed to remediate petroleum impacts in deeper soils (>18 feet below ground surface [bgs]). The gypsum will either be directly injected into the soil as a slurry or placed in soil borings along with permeable fill material. The soil excavation and remediation activities are being conducted under the regulatory oversight of ACDEH.

The soil remediation activities will involve the use of excavation construction equipment to remove soils, temporarily move the soils onsite, and load trucks destined for disposal facilities. Construction activities and noise are anticipated to be moderate. Excavation and loading activities will be done in compliance with Bay Area Air Quality Management District (BAAQMD) regulations, and fence-line dust monitoring will be implemented in order to be protective of local inhabitants. The application of gypsum will occur prior to or concurrently and should have no additional impact on the public.

Next Steps - The remedial action for lead excavation is presented in the *Remedial Action Plan (RAP) - Lead*, dated March 2, 2018 while remedial actions for petroleum impacted soil is presented in the *Remedial Action Plan for Petroleum Impacted Soil*, dated March 2, 2018. Both of documents have been prepared by Arcadis U.S., Inc. for the remediation activities. The public is invited to review and comment on the corrective actions proposed in both RAPs. The RAPs can be viewed over the internet at the State Water Resources Control Board Geotracker Website at <http://geotracker.swrcb.ca.gov>. Not all historic documents for the both cases may be available on GeoTracker. Additional documents can be viewed over the Internet on the Alameda County Department of Environmental Health website (<http://www.acgov.org/aceh/lop/ust.htm>). Both databases should be reviewed to obtain a complete history.

Please send written comments regarding the proposed corrective actions to **Drew York** at ACDEH or **Kathy Szymanowski** at Arcadis at either of the addresses listed below. All written comments received by May 25, 2018 will be forwarded to the City of Livermore and CEMC and will be considered and responded to prior to implementation of the proposed cleanup

For Additional information, please contact:

Drew York
ACDEH Case Manager
1131 Harbor Bay Parkway
Alameda, CA 94502
510-639-1276
andrew.york@acgov.org

Katherine Szymanowski PG
Arcadis U.S., Inc
2300 Clayton Road
Suite 400
510-596-9675
katherine.szymanowski@arcadis.com