



**Jared Blumenfeld**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

Meredith Williams, Ph.D.  
Director  
8800 Cal Center Drive  
Sacramento, California 95826-3200



**Gavin Newsom**  
Governor

June 8, 2020

6/17/2020

Governor's Office of Planning & Research

Ms. Daniel Bastian  
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**Jun 08 2020**

### STATE CLEARINGHOUSE

EARLY CONSULTATION FOR WATER TANK IMPROVEMENT AND LIQUID CHLORINATION PROCESS – DATED MAY 14, 2020 (STATE CLEARINGHOUSE NUMBER: 2020059030)

Dear Mr. Bastian:

The Department of Toxic Substances Control (DTSC) received a notice for Early Consultation for the Water Tank Improvement and Liquid Chlorination Project. The proposed project includes the construction of two 100,000 gallon bolted steel water tanks at the existing tank farm in the approximate same footprint as the two exiting 88,000 gallon redwood tanks, and the connection of new tanks to existing water distribution lines. The proposed project also includes the installation of liquid chlorination facilities (which replace the existing gas chlorination facility) either within the existing water treatment plant building or facilities in a separate new structure adjacent/near to water treatment plant facilities. The existing access road will be graded for construction vehicles, although large delivery trucks will not be able to access the tank site due to the tight alignment and steep grades. Tank shell components, large materials and concrete will be shuttled to the tank farm site with smaller equipment.

DTSC recommends that the following issues be evaluated in the Initial Study (IS) Hazards and Hazardous Materials section:

1. The IS should acknowledge the potential for historic or future activities on or near the project site to result in the release of hazardous wastes/substances on the project site. In instances in which releases have occurred or may occur, further studies should be carried out to delineate the nature and extent of the contamination, and the potential threat to public health and/or the environment should be evaluated. The IS should also identify the mechanism(s) to initiate any

required investigation and/or remediation and the government agency who will be responsible for providing appropriate regulatory oversight.

2. Refiners in the United States started adding lead compounds to gasoline in the 1920s in order to boost octane levels and improve engine performance. This practice did not officially end until 1992 when lead was banned as a fuel additive in California. Tailpipe emissions from automobiles using leaded gasoline contained lead and resulted in aerially deposited lead (ADL) being deposited in and along roadways throughout the state. ADL-contaminated soils still exist along roadsides and medians and can also be found underneath some existing road surfaces due to past construction activities. Due to the potential for ADL-contaminated soil DTSC, recommends collecting soil samples for lead analysis prior to performing any intrusive activities for the project described in the IS.
3. If any sites within the project area or sites located within the vicinity of the project have been used or are suspected of having been used for mining activities, proper investigation for mine waste should be discussed in the IS. DTSC recommends that any project sites with current and/or former mining operations onsite or in the project site area should be evaluated for mine waste according to DTSC's 1998 Abandoned Mine Land Mines Preliminary Assessment Handbook ([https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/11/aml\\_handbook.pdf](https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/11/aml_handbook.pdf)).
4. If buildings or other structures are to be demolished on any project sites included in the proposed project, surveys should be conducted for the presence of lead-based paints or products, mercury, asbestos containing materials, and polychlorinated biphenyl caulk. Removal, demolition and disposal of any of the above-mentioned chemicals should be conducted in compliance with California environmental regulations and policies. In addition, sampling near current and/or former buildings should be conducted in accordance with DTSC's 2006 *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Termiticides, and Electrical Transformers* ([https://dtsc.ca.gov/wpcontent/uploads/sites/31/2018/09/Guidance\\_Lead Contamination\\_050118.pdf](https://dtsc.ca.gov/wpcontent/uploads/sites/31/2018/09/Guidance_Lead Contamination_050118.pdf)).
5. If any projects initiated as part of the proposed project require the importation of soil to backfill any excavated areas, proper sampling should be conducted to ensure that the imported soil is free of contamination. DTSC recommends the imported materials be characterized according to DTSC's 2001 *Information Advisory Clean Imported Fill Material* ([https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/SMP\\_FS\\_Cleanfill-Schools.pdf](https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/SMP_FS_Cleanfill-Schools.pdf)).
6. If any sites included as part of the proposed project have been used for agricultural, weed abatement or related activities, proper investigation for organochlorinated pesticides should be discussed in the IS. DTSC recommends the current and former agricultural lands be evaluated in accordance with DTSC's 2008 *Interim Guidance for Sampling Agricultural Properties (Third*

Revision) (<https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/Ag-Guidance-Rev-3-August-7-2008-2.pdf>).

DTSC appreciates the opportunity to comment on the project. Should you need any assistance with an environmental investigation, please submit a request for Lead Agency Oversight Application, which can be found at: [https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/VCP\\_App-1460.doc](https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/VCP_App-1460.doc). Additional information regarding voluntary agreements with DTSC can be found at: <https://dtsc.ca.gov/brownfields/>.

If you have any questions, please contact me at (916) 255-3710 or via email at [Gavin.McCreary@dtsc.ca.gov](mailto:Gavin.McCreary@dtsc.ca.gov).

Sincerely,



Gavin McCreary  
Project Manager  
Site Evaluation and Remediation Unit  
Site Mitigation and Restoration Program  
Department of Toxic Substances Control

cc: (via email)

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