

COMMUNITY UPDATE

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances through the restoration of contaminated resources, enforcement, regulation and pollution prevention.

STRINGFELLOW SUPERFUND SITE PROJECT UPDATE

(para información en Español, llame a Jesus Cruz, al 1(866) 495-5651)

The Department of Toxic Substances Control (DTSC) is sending this fact sheet to update you on the cleanup of the Stringfellow Superfund Site (Site) located at 3400 Pyrite Street in Jurupa Valley.

The State of California is the responsible party for this Site and DTSC is conducting environmental and clean up actions under the United States Environmental Protection Agency's (US EPA) direction.

IN THIS FACT SHEET YOU WILL FIND INFORMATION ON:

- Field work and documents completed between June 2012 and June 2016 (Pages 2, 3).
- Planned activities for Fall 2016 and beyond (Page 3).
- Project team members to contact for more information (Page 3).

WHAT DOES ALL THIS MEAN TO YOU?

- The soil and groundwater contamination at the Site is being cleaned up to protect the environment and the health of the community.
- All water consumed by people living near the Site is being supplied by the Jurupa Community Services District (JCSD). Drinking water is not pumped from near the Site. Based on conclusions reached in the final Zone 4 Risk Assessment, the groundwater near the Site is safe for plants and livestock.

STRINGFELLOW SITE BACKGROUND

The Stringfellow Superfund Site was used to dispose of liquid hazardous waste in disposal pits, including heavy metals, pesticides, solvents and perchlorate from rocket testing and possible fireworks and blasting sources. The site operated from 1956 to 1972 and received about 35 million gallons of hazardous waste. The disposal pits were located in Pyrite Canyon, north of Highway 60 in Jurupa Valley. In the early 1980s at the former ponds in Zone 1, the Santa Ana Regional Water Quality Control Board oversaw the removal of the liquid hazardous waste, pond deconstruction and grading, neutralization using kiln dust, and clay-cover construction activities. Since 1986, US EPA and DTSC have installed hundreds of groundwater monitoring wells, extraction wells, and several treatment plants to contain and clean up contaminated groundwater migrating from Zones 1 to 4 (please see the Zones map on page 2) at the Site. Between 2013 and 2015, EPA conducted investigations in two areas to find other possible sources of perchlorate. EPA Study Area 1 is to the west of Zones 1-3 and EPA Study Area 2 is to the east of Zone 2.

PUBLIC INVOLVEMENT



GET INVOLVED

ATTEND OUR MEETINGS

The Stringfellow Advisory Committee (SAC) invites you to our meetings. The quarterly meetings are typically held at 10:00 am on the third Wednesday of January, April, July and October at:

Stringfellow Information Center
10247 Bellegrave Avenue # 131
Mira Loma, California 91752

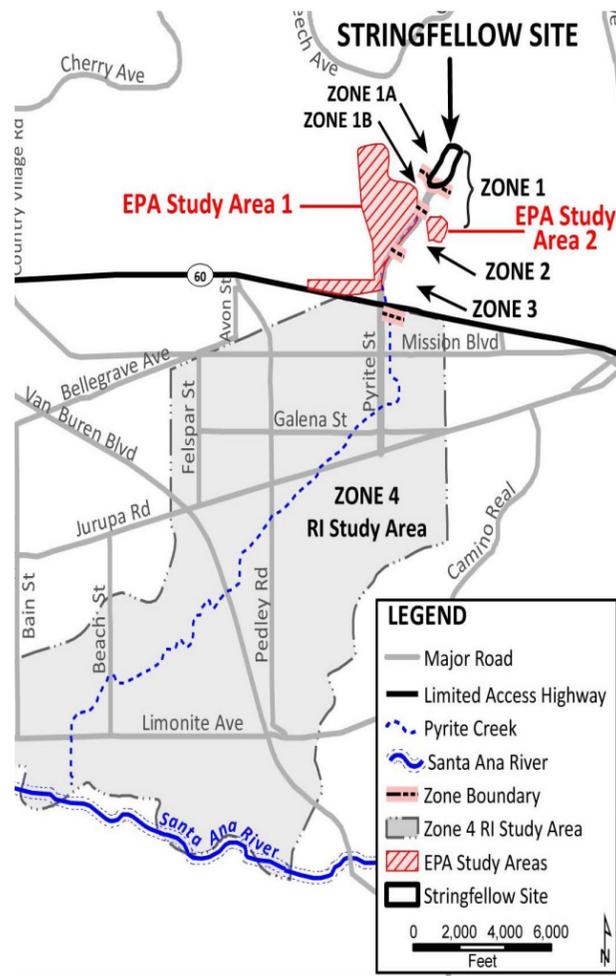
For more information contact:

Jesus Cruz
DTSC Public
Participation Specialist
(866) 495-5651 or
(916) 255-3315 or
Jesus.Cruz@dtcs.ca.gov

You may view the project documents at the following Information Repositories:

Glen Avon Library
9244 Galena Street
Jurupa Valley, California 92509
(951) 685-8121
or at the DTSC website:
[www.envirostor.dtsc.ca.gov/
public](http://www.envirostor.dtsc.ca.gov/public)

TESTING FIELD WORK COMPLETED



Location of Zones 1 through 4 and EPA Study Areas 1 and 2

EPA STUDY AREA 1 REMEDIAL INVESTIGATION

Within EPA Study Area 1 (shown above, in red), EPA constructed 22 wells from 2013-2014 to test groundwater and also sampled soil, plants and surface water. The data is currently being evaluated and a Remedial Investigation report of findings is expected in Fall of 2016.

EPA STUDY AREA 2 INVESTIGATION

Within EPA Study Area 2, EPA installed 14 wells to test groundwater. Fieldwork was completed in 2015 and the data are being evaluated. A report of findings is expected in Winter of 2017.



Installed 13 wells in Zone 1B to evaluate the capture of the clay barrier and pumping wells

COMPLETED DOCUMENTS

In the 2012-2016 time frame, key documents listed below were completed and posted on the DTSC EnviroStor website. These Stringfellow site documents can be found at the project Information Repositories, as well as this website address: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=33490001

- Project Management Plan
- Data Management Plan
- Data Gap Investigation (DGI) Sampling and Analysis Plan
- Several Well Installation Reports
- Final Blast Fracturing Pilot Study Report
- Final Zone 4 Remedy Review for Interim Record of Decision 4
- Final Screening Level Ecological Risk Assessment
- Final Technical Impracticability Evaluation Report
- Zone 1B Barrier System Evaluation
- 2013 Capture Zone Analysis
- DTSC Roles and Responsibilities to Support US EPA Community Involvement Plan
- Zones 2, 3, and 4 Aquifer Testing Reports
- Zone 1A New Well Installation Report
- Annual Groundwater Remedy Effectiveness Evaluation Reports
- Final Groundwater Monitoring Optimization Report
- Site-Wide Sampling and Analysis Plan
- Zone 4 DGI Well Installation Report
- Community Involvement Plan updated by US EPA
- Surface Waster Sampling Analysis Reports
- USGS Quality Assurance Project Plan for USGS
- Final Quality Assurance Project Plan for routine Groundwater Monitoring
- Operation, Maintenance and Monitoring Reports

PYRITE CANYON TREATMENT FACILITY STATUS

The Pyrite Canyon Treatment Facility (PCTF) was inaugurated on July 21, 2016 and replaced the Pretreatment Plant. The inauguration was attended by active members of the community, and local, state, and federal representatives. DTSC announced the inauguration in a press release.

The PCTF is an upgraded, modernized and safer replacement for the aging Pre-Treatment Plant. The PCTF positions the State for the next 30 to 50 years to meet permit requirements and fulfill its mandated responsibilities. The PCTF is a testament to the collaboration of DTSC with local, state and federal agencies which include, the Department of General Services and the Department of Finance as well as the local Santa Ana Watershed Protection Authority, the City of Jurupa Valley, the Chino Basin Watermaster, the Jurupa Community Services District and the Orange County Sanitation District.

The (PCTF) can treat 120 gallons per minute or about 700,000 gallons per week, which is slightly more than the capacity of an Olympic size swimming pool. The PCTF, the Lower Canyon Treatment Facility (LCTF) and the Community Wellhead Treatment System (CWTS) form the comprehensive site remedy and are sized to treat the plume that stretches from the canyon into the community. The plant was designed with the foresight for further expansion if additional treatment processes are needed. After completing the final commissioning tasks, the PCTF will be a LEED Silver certified facility.

PLANNED ACTIVITIES FOR 2016 SUMMER TO WINTER

- Data Gap Investigation – Data analysis and reporting
- USGS groundwater attribute and isotope sampling and data analysis
- Perchlorate isotope data analysis
- 2016 Groundwater Remedy Effectiveness Evaluation Reporting
- Zone 3 pumping test data analysis and reporting
- Increase Zone 4 groundwater extraction/remediation rates

ACTIVITIES BEYOND 2016

- The former Pretreatment Plant will be taken off-line (later disposition to be determined)
- Continued groundwater sampling and remedy effectiveness evaluation

- Revised Zone 4 Groundwater Model to compare remedial alternatives
- Revised Zone 4 Feasibility Study that evaluates cleanup alternatives for perchlorate in the community
- Revised Supplemental Feasibility Study (SFS) for Zones 1-3
- Groundwater attribute, isotopes, and secondary source evaluation
- After approving the revised feasibility studies, US EPA will prepare the Proposed Plan for the Final Record of Decision (ROD)
- Operation, maintenance and monitoring

INFORMATION REPOSITORIES

You may review the Stringfellow site documents at the following information repositories:

Glen Avon Library
9244 Galena Street
Jurupa Valley, California 92509
(951) 685-8121

DTSC Stringfellow Site File Room
8810 Cal Center Drive
Sacramento, California 95826
(916) 255-6552

CONTACT INFORMATION

For technical questions, contact DTSC or US EPA project managers:

DTSC:
Public Participation Specialist
Jesus Cruz at (916) 255-3315 or toll free (866) 495-5651 or Jesus.Cruz@dtsc.ca.gov

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Peter Bailey at (916) 255-6552 or Peter.Bailey@dtsc.ca.gov

US EPA:
Daewon Rojas Mickelson (US EPA) at (415) 947-4191 or Rojas-Mickelson.Daewon@epa.gov

Mailing List: To be added to or removed from the Stringfellow Site mailing list, contact Jesus Cruz at: Jesus.Cruz@dtsc.ca.gov or (866) 495-5651.

Mailing lists may be made public upon request.



Completed Pyrite Canyon Treatment Facility (PCTF)



From the left, Daewon Rojas-Mickelson, Remedial Project Manager, US EPA; Penny Newman, Executive Director, CCAEJ; Barbara A. Lee, Director, DTSC; Laura Roughton, Mayor, City of Jurupa Valley; Dulce del Carmen, Assemblyman Eric Linder's office; Denisse Lopez, Senator Richard Roth's office; and Celest Cantu, SAWPA, take part in the ribbon cutting at the Pyrite Canyon Treatment Facility dedication ceremony at the Stringfellow site on July 21, 2016.