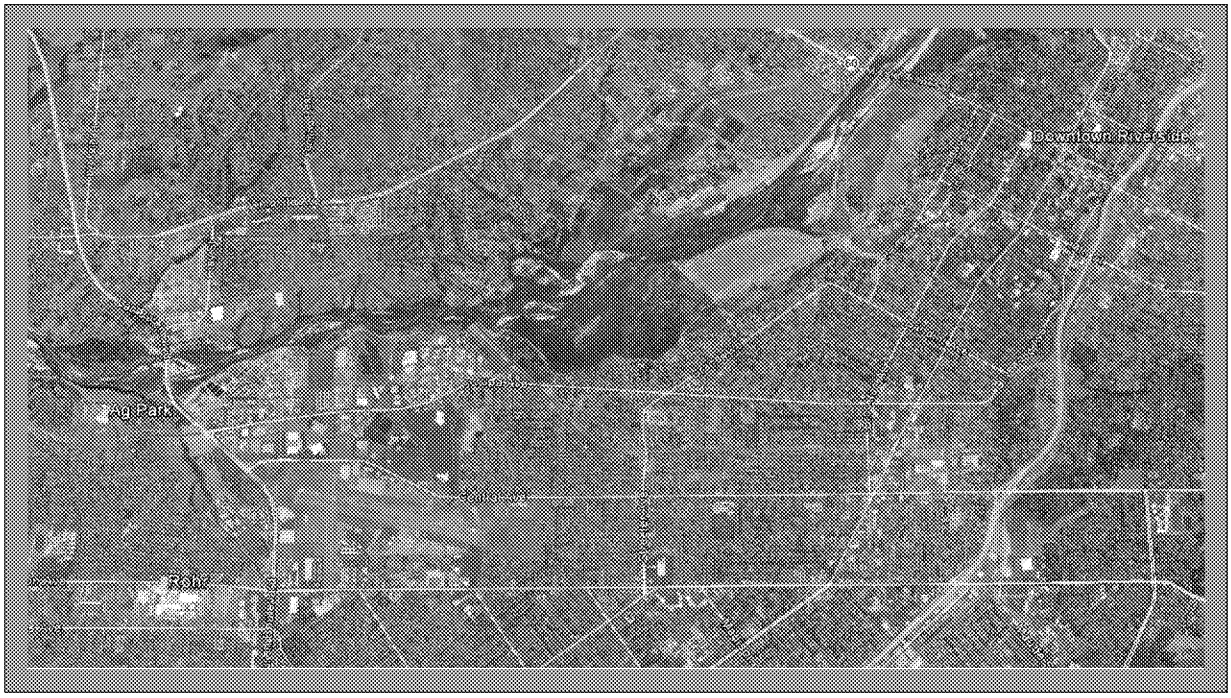
RIVERSIDE AG PARK

Cleanup Closure

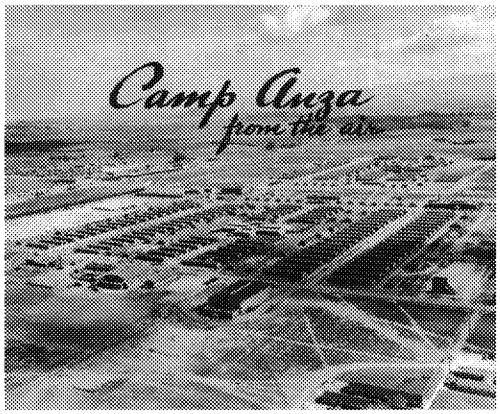
June 2018



Santa Ana River

Background

- Ag Park site was a wastewater treatment plant until 1965
- PCBs came from the Rohr aircraft manufacturing facility, through the sewer
- Contamination in sludge was spread across site (e.g. drying beds)



Ag Park was part of Camp Anza (FUD site - Formerly Used Defense Site
), a staging area for troops during World War II
Ag Park site was a wastewater treatment plant until 1965
PCBs came from the Rohr aircraft manufacturing facility, through the sewer
Contamination in sludge was spread across site (e.g. drying beds)

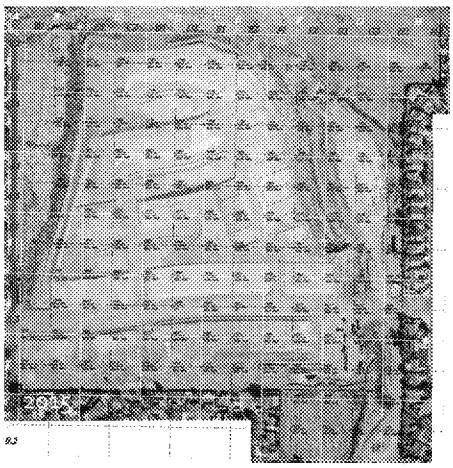
Prior DTSC Cleanup

- DTSC oversaw PCB cleanup 2009-2014
- Soil sampling and removal using residential screening level of 0.22 ppm
- Site was certified appropriate for residential development in 2014
- CCAEJ wrote letter in 2015 expressing concern about remaining contamination

In 2003, the developer was removing old infrastructure from the site and thought the digester was empty.
In spring 2015, construction was about to begin on the development
Penny Newman and her Center for Community Action and Environmental Justice (CCAEJ) wrote a letter to DTSC and EPA expressing concern about remaining contamination
Specific concerns:
Insufficient cleanup of PCBs
PCB cleanup level of non-detect or site-wide cap requested
Contaminants other than PCBs
Health of nearby residents, e.g. dust
Contamination of groundwater and river
Military-related contaminants, e.g. explosives

2015 Sampling

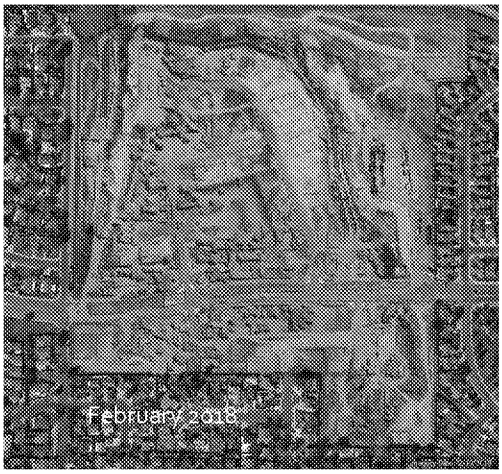
- In response to CCAEJ concerns, DTSC agreed to resample site in 2015
- EPA provided technical assistance
- Developer sampled site with DTSC & EPA splits
- 250-ft grid across site
- Next sampling round: Tightened grid to 125-ft
- Findings: Widespread contamination over 0.22 ppm with some elevated spots



Results of Sept sampling: Several results over 0.22 ppm, up to 18 ppm
Also took congeners
Highest level: 131 ppm

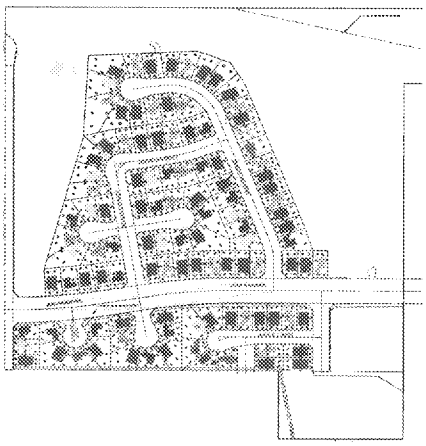
2016-2018 Cleanup

- DTSC required additional cleanup in response to 2015 sampling results
- EPA provided technical assistance and took split samples
- Cleanup goals:
  - 0.23 ppm for soils down to 10 feet below surface
  - 1.0 ppm for soils deeper than 10 feet, and for soil beneath proposed roadways



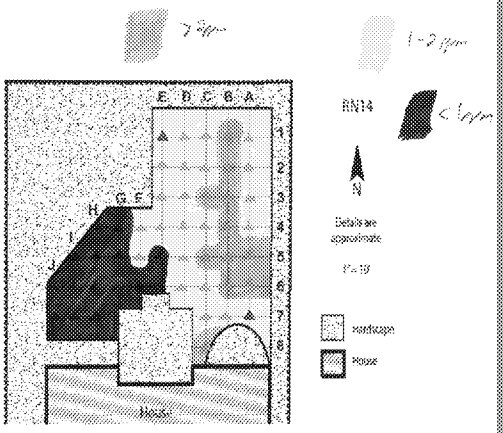
2016-2018 Cleanup

- To reach cleanup goals: 303,303 tons of soil removed
- Confirmation samples taken following excavation
- Additional confirmation samples taken at proposed housing lots: 6-8 samples per lot
- Total of 7,200 confirmation samples
- Application of minimum of 5 feet of certified clean import soil over proposed residential lots, excluding lots that have had soil removed down to granite



Next Steps

- DTSC has requested EPA presence at a city council meeting and a public meeting about cleanup closure
- Potential issues:
  - Off-site contamination: soil samples taken in 25 backyards and 2 public areas surrounding site in 2017-2018, and cleanup planned for one backyard with max level of 2.79 ppm
  - Legacy exposures: CDPH report is forthcoming, and will address historical trespassing scenario
  - Rohr: settlement covers liability for Ag Park, but PCB cleanup at Rohr site is active



Questions?