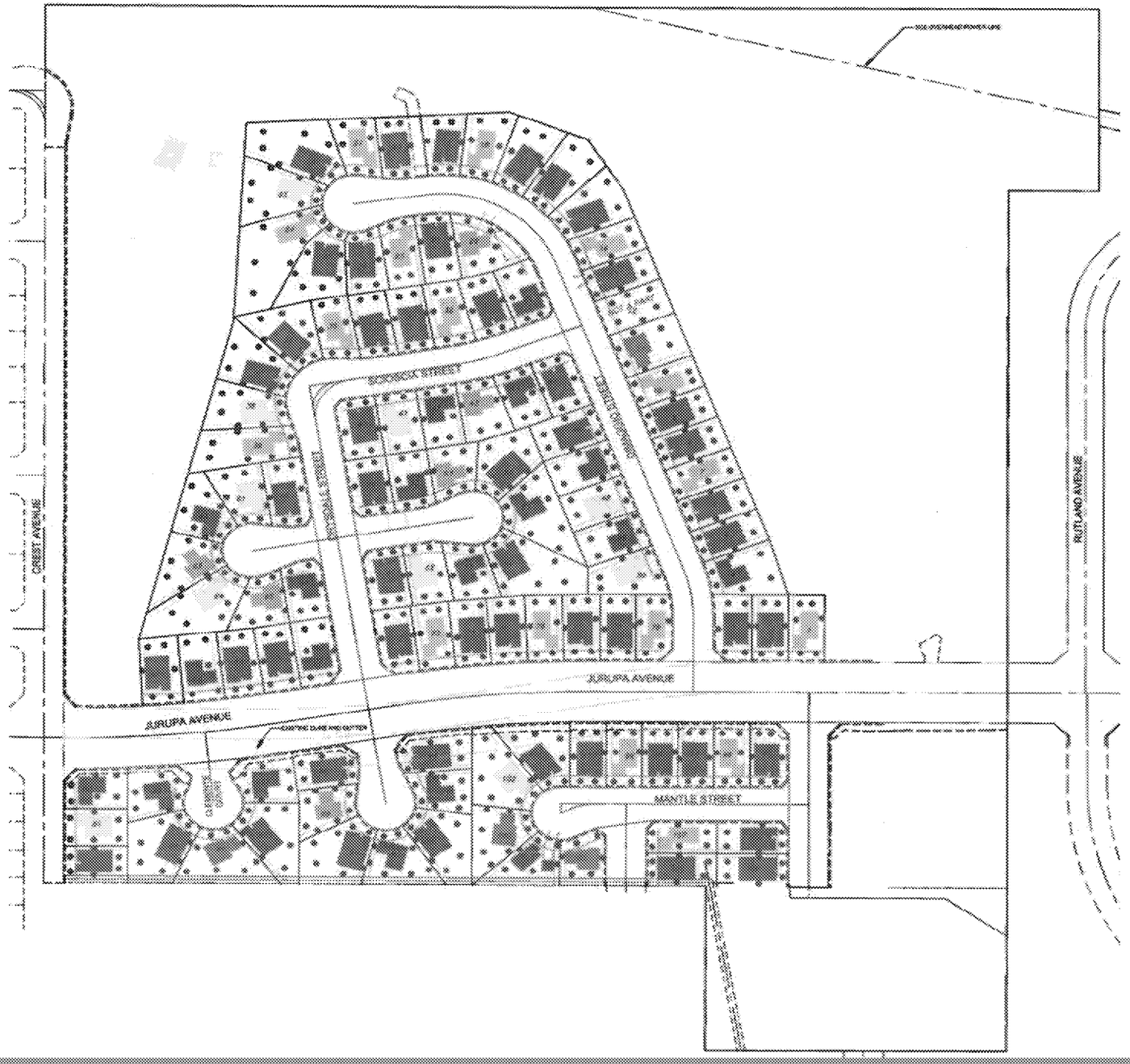
# RIVERSIDE AG PARK

March 28, 2016

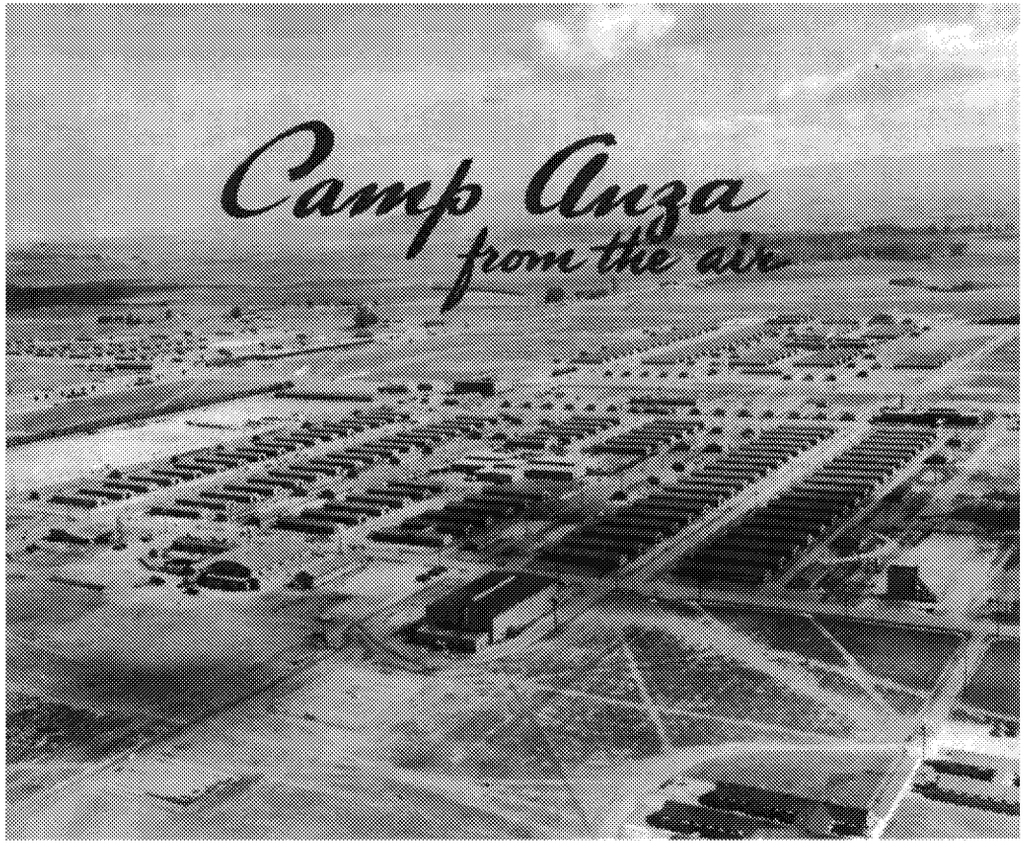
Downtown Riverside
Ag Park
Rohr
Limonite Ave
Jurupa Ave
Central Ave
Grand Ave
Bandini Ave
Palm Ave
Redwood Dr
Pine St
Main St
Lime St
14th St
Orrewood Ave
Brockton Ave
Streeter Ave
Madison
Maude
Van Buren Blvd
Clay St
Camino Real
Pedley Rd
Mission Inn Ave
60

Ag Park
Julian Dr
Hershey Way
Ontario St
Medallion Pl
Alabama St
Rossini Ct
Rutland Ave
Jurupa Ave
Manitoba Pl
Keating Dr
Altadena Dr
Tanforan Dr
Crest Ave
Mandalay Ct
Austin Ct
Pasadena Pl
Balavia Way

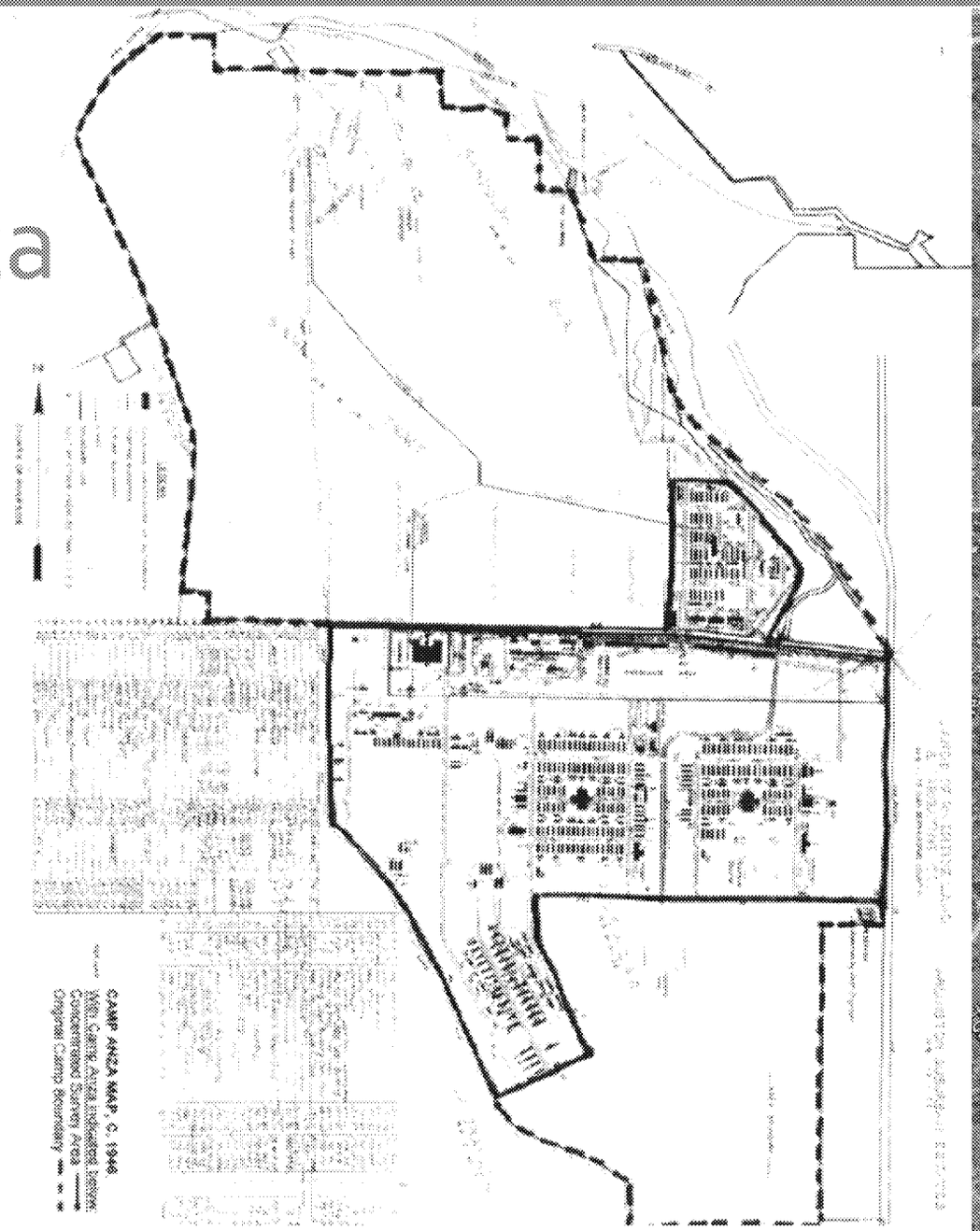

CREST AVENUE
JURUPA AVENUE
JURUPA AVENUE
RUTLAND AVENUE
MANTLE STREET

# History

- Ag Park was part of Camp Anza (FUD 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)



# Camp Anza


CAMP ANZA MAP, C. 1946
With Camp Anza Indicated Below
Concentrated Survey Area
Original Camp Boundary

Ag Park
Rohr
Trey Ave
Philbin Ave
Elle St
Kent Ave
Putland Ave
Noble St
Babb Ave
Coonan Dr
Nancy Way
Ivanhoe Ave
Foothill Ave
Chalfen Ave
Warren St
Bartel Dr
Crest Ave
Camelot Rd
Boardwalk Dr
Calmhill Dr
Cook Ave
Van Buren Blvd
Duncan
East Dr
Cowell Ln
Montgomery St
Taron St
Audrey Ave
Colorado
Ave
Google

# Prior DTSC Cleanup

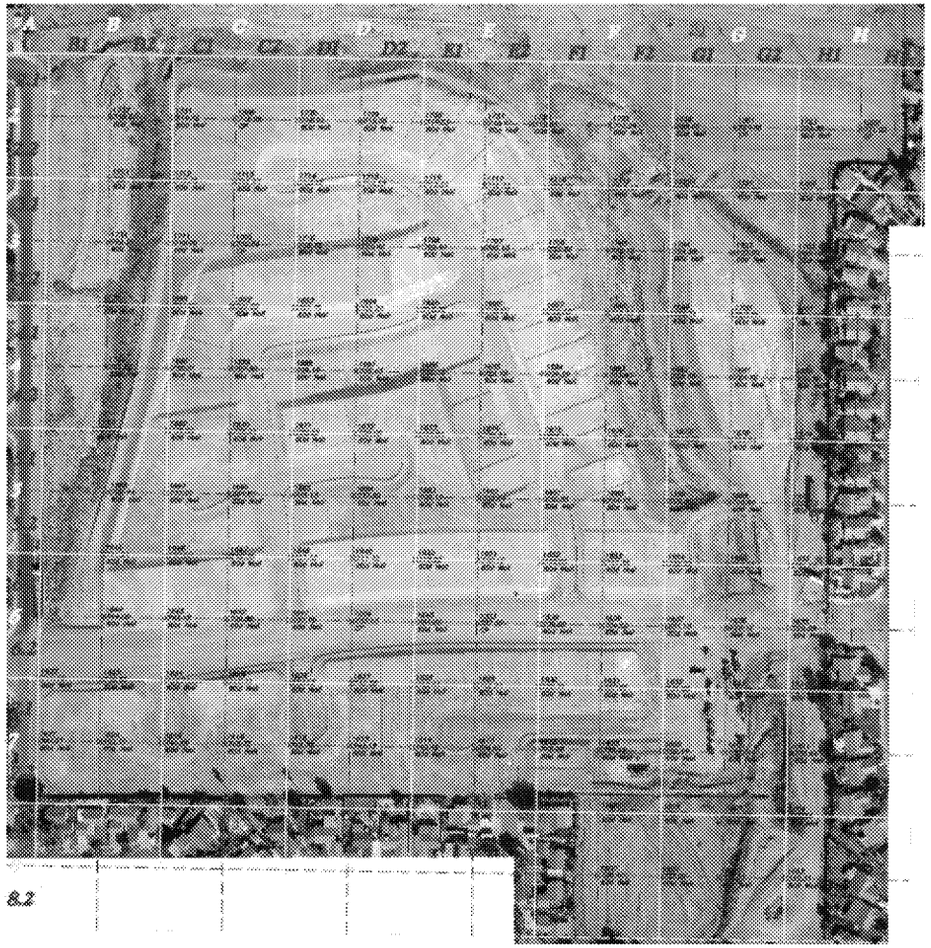
- Sewage digester spill in 2003 was cleaned with Water Board oversight
- Site was passed to DTSC for site-wide PCB cleanup
- Wide range of contaminants sampled in groundwater, soil, and soil vapor
- COCs: PCBs, dioxins
- DTSC oversaw PCB cleanup 2009-2014
- Soil sampling and removal using residential screening level of 0.22 ppm
- Site was certified appropriate for residential development in 2014
- Portion of site currently slated for development

# CCAEJ Concerns

- 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's spring 2015 letter, DTSC agreed to re-sample the site for PCBs and dioxins
- DTSC lead agency, with additional EPA oversight
- Developer sampled site with DTSC & EPA splits
- Initial goal was verification, so large (250-ft) grid across site
- Several results over 0.22 ppm, up to 18 ppm
- Next sampling round: Tightened up grid to 125-ft
- Findings: Widespread contamination over 0.22 ppm with a few elevated spots
- Highest level: 131 ppm



# 2016 Cleanup

- DTSC requiring additional cleanup in response to 2015 sampling results
- Cleanup entails:
  - Within proposed development: sample around locations with previous results >0.22 ppm
  - Proposed housing lots: 6-8 samples per lot
  - Outside proposed development: sample on a tighter grid
  - Removal of any soil >0.22 ppm
- DTSC taking 10% split samples
- EPA taking additional split samples
- Work started Tuesday, March 22

Questions?