

Former Electronics Manufacturing Facility

City of Industry, California

Metals ● Petroleum ○ VOCs ●
Assessment/Compliance ○ Investigation ○ Tank removal ○ Remediation ● System design/O&M ● Litigation support ● Oversight ○

Period 1994–present

Contaminants Chromium, copper, PCE, TCE, 1,1,1-TCA, 1,1-DCA, 1,1-DCE

Media Soil

Agency Los Angeles RWQCB

The 8.9-acre site formerly contained a facility that manufactured printed circuit boards for more than 30 years. The manufacturing process required the use of chlorinated solvents and other chemicals. In the mid-1980's, the EPA placed the San Gabriel Valley Basin, including the site, in its Superfund program because VOCs were found in several water supply wells. The RWQCB issued a Cleanup and Abatement Order. Numerous site studies followed which showed the presence of chlorinated hydrocarbons and metals in the soil and groundwater.

- Providing data evaluation, design, remedial systems installation, third-party review, and other services at the site since 1989 (Orion's principal engineer).
- Produced a summary report on soil remediation from 1992 through 1995; continuing to prepare annual status reports on soil and groundwater remediation. Researched off-gas treatment technologies for chlorinated hydrocarbons and produced a report.
- Managed the start-up of a vapor extraction system to remediate VOCs in the impacted soil. Monitored SVE system operation including static and dynamic soil gas surveys and radius of influence evaluations. Managed client personnel for equipment O&M. Optimized the SVE system to increase VOC mass removal and requested closure from the regulatory agency based on achieving specified performance criteria. Received vadose zone soil closure from the agency in 1998.

