



Project

Santa Clara Valley Transportation Authority enlists our expert guidance to comply with stormwater permit

Summary

- The Santa Clara Valley Transportation Authority (SCVTA) needed to comply with an industrial stormwater permit at four bus and light rail maintenance facilities. Our team delved deep into SCVTA's organizational structure so that we could effectively collaborate on practical ways to ensure compliance.
- Haley & Aldrich conducted historical reviews and comprehensive site inspections and reviewed sampling results to evaluate Exceedance Response Action (ERA) status. Then we identified additional best management practices (BMPs) to mitigate future exceedances, updated Stormwater Pollution Prevention Plans (SWPPPs) and site maps, and prepared Level 1 and Level 2 ERA reports.
- We saved the agency time and money by creating ERA report templates and a BMP summary table for use at multiple SCVTA facilities. We also improved the readability of existing SWPPPs (provided by a previous consultant) and corrected errors on the site maps.
- Our team prepared tools to improve best practice implementation and monitoring, reducing the time spent managing the sampling program and its staff. We also prepared tools, such as a sampling event flowchart, to help simplify the

sampling program. We provided in-person training on stormwater sampling techniques to SCVTA and its field staff that resulted in a reduction of total suspended solids concentrations below the numeric action levels within one reporting year.

- Finally, we brought SCVTA into compliance with the Utility Vaults General Permit by identifying monitoring deficiencies in its light rail network. Haley & Aldrich also made field data collection easier by developing a streamlined form to complete during each dewatering event.

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