

Practical Vision Update Year Three

Tentative Resolution R9-2017-0029

February 8, 2017

2016 Program Accomplishments

Agricultural Operations WDRs

Solid Waste Containment

Mission Valley Drinking Water Aquifer
Clean Up

Adoption of Integrated Report

Acceptance of 8 Watershed Water
Quality Improvement Plans

San Altos ACL

Protection of Human Health Risks from
Vapor Intrusion



Practical Vision Accomplishments

2016

Chapter 1 Healthy Waters

Biological Objectives

Bioaccumulation and Fish Consumption Studies



Healthy Waters: Key Beneficial Uses and Key Areas approach for the entire region

Chapter 2 Monitoring

Cyanotoxins Monitoring and Assessment

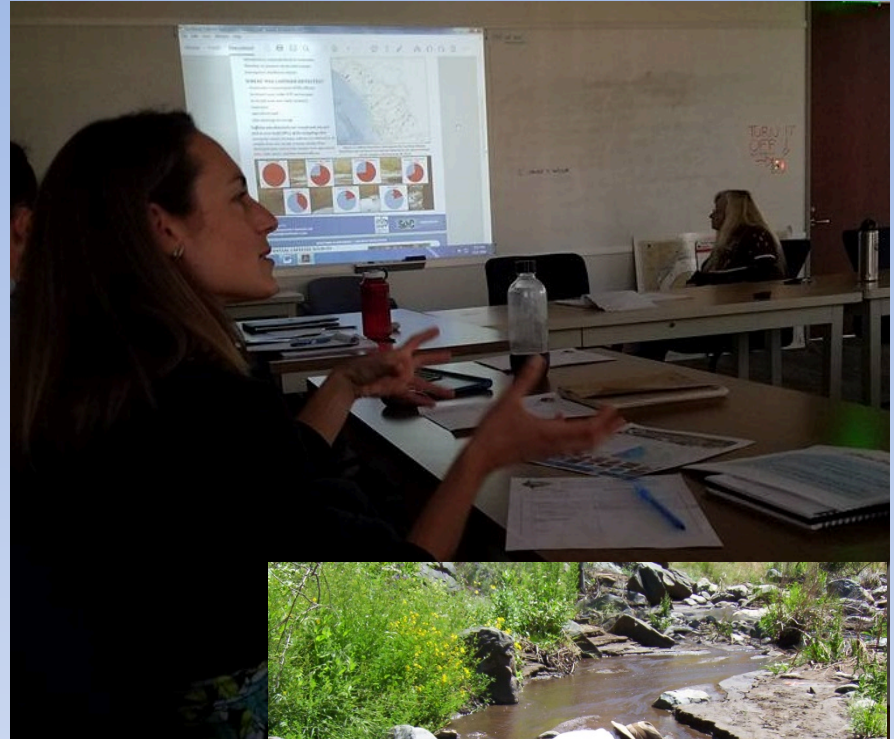
Caffeine Study

Non Perennial Stream Condition Assessment (in progress)

San Diego River Monitoring Coordination and Report Card

San Mateo Creek Report Card

San Diego Bay Bioaccumulation Studies



Chapter 3 Wetlands

Nelson-Sloan Quarry
Feasibility Study completed

Hydrology Studies for Tijuana
River and Brown Property
Restoration

Over 50 Emergency Channel
Clearing Certifications and
RGP 63 Consultations
Completed

401 Certifications
Performance Review



Chapter 4 Outreach

Participated in the San Diego Watershed Summit


Outreach Strategy


Outreach to NGOs in South San Diego Bay and Orange County

Outreach & Fact Sheet for Ametek Case

Development of a SEP Library with a priority on Wetlands and Environmental Justice



 **CalEPA**
California Environmental Protection Agency

 **Water Boards**

COMMUNITY FACT SHEET

Former Ketema/AMETEK Facility, 790 Greenfield Drive, El Cajon, CA June 2016

For more information about the investigation, please contact the project representatives listed below. Documents for this project are available for review at the San Diego Water Board office and online at: <http://geotracker.waterboards.ca.gov>

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Groundwater Investigation and Cleanup

This Community Fact Sheet is being distributed to notify interested parties of an environmental investigation and cleanup being conducted at the former Ketema/AMETEK aerospace facility (Figure 1). Groundwater investigations and clean-up efforts are being performed under the direction of the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board). Environmental monitoring at the adjacent Magnolia Elementary School is overseen by the California Department of Toxic Substances Control (DTSC). Both agencies are part of the California Environmental Protection Agency.

Groundwater Contamination

Past operations at the facility have resulted in groundwater contaminated with chlorinated solvents. The contamination was discovered in 1987 and, since that time, licensed environmental contractors have collected soil, soil vapor, and groundwater samples. The investigation and cleanup efforts have included:

- Installation and periodic testing of more than 60 groundwater monitoring wells;
- Groundwater extraction and treatment from the site and adjacent Magnolia Elementary School; and
- Application of an approved oxidant compound to destroy the contaminants in the groundwater.

Facility History

The former Ketema/AMETEK facility is an aerospace and electronics manufacturing facility that has operated since the 1950s. Chlorinated solvents were used in operations and were discharged to groundwater. The site is currently operated by Senior Aerospace, but has been owned and operated by

The concentrations in groundwater are stable or decreasing in most monitoring locations, which indicates the chemicals are naturally decreasing and cleanup efforts are effective. Groundwater and remediation monitoring will continue until the pollution is cleaned up.

[Your Drinking Water is Safe] The groundwater is not used for drinking water purposes. The City of El Cajon receives water from the Helix Water District (HWD), which receives its drinking water from other sources. HWD regularly tests the water to ensure it meets all federal and state drinking water standards before it is delivered to your home. For more information about your drinking water, please contact HWD at: helix@helixwater.org.

[Magnolia Elementary School is Safe] Soil vapor and indoor air testing has been conducted at the school since 1994 and DTSC has concluded that the school is safe to occupy for both staff and students. Vapor monitoring at the school will continue until the groundwater pollution is cleaned up.

[Additional Work Proposed for 2016] A health risk assessment will be conducted to assess potential vapor intrusion for the areas overlying the groundwater plume between Magnolia Elementary School and State Route 67. The risk assessment work will begin in the summer of 2016.



Figure 1: Former Ketema/AMETEK Facility Location and Extent of Contaminated Groundwater

GeoTracker is a Internet-accessible database system used by the State Board, Regional Boards, and Local Agencies to track and archive compliance data from contaminated sites. The tools built into GeoTracker can help the user quickly identify and display groundwater monitoring reports, site assessments, human health risk assessments, and remediation reports. To access this data, just click on the link below for the GeoTracker case file on the Ketema/AMETEK Facility.

http://geotracker.waterboards.ca.gov/jprol/fe_report.asp?global_id=SI_209234198



Chapter 5 Sustainable Water Supply

10 Recycled Water Filling
Stations Permitted

Updated 3 Master
Reclamation Permits

55,000 acre feet of recycled
water beneficially reused.

Two workshops on recycled
water re-use including
attaining a goal of “no
discharge” and full re-use



2017 Operations Plan

2017 Calendar Year
OPERATIONAL PLAN
PRACTICAL VISION PROJECTS

| | Hours |
|---|-------|
| 1 Practical Vision Interim Milestones and 7-Year Goals | 184 |
| PV 1 - Healthy Waters | |
| 2 Biological Objectives | 2710 |
| 3 Initial Assessment of Key Beneficial Use Areas, Part 1 | 2020 |
| 4 Strategy for a Healthy San Diego Bay: Development of Unified Monitoring Groups | 1080 |
| 5 Strategy for a Healthy San Diego Bay: Initial Assessment of Key Use Areas, Part 2 | 1220 |
| 6 Priority Setting Team | 192 |
| 7 Identifying Program Compliance Priorities | 468 |
| 8 Achieving Healthy Waters in the San Diego River for Contact Recreation | 234 |
| PV 2 - Monitoring and Assessment | |
| 9 Tijuana Valley Recovery Team Project | 1030 |
| 10 San Diego River Monitoring Coordination | 342 |
| 11 San Diego River Reach Adoption | 264 |
| PV 3 - Recovery of Stream, Wetland and Riparian Systems | |
| 12 Wetland Restoration, Assessment, and Incentives Project | 140 |
| PV 4 - Proactive Public Outreach and Communication | |
| 13 Website Update | 614 |
| 14 Social Media Plan | 848 |
| 15 Public Outreach Strategy | 240 |
| 16 Climate Change Readiness, Phase 2 | 754 |
| PV 5 - Achieving a Local Sustainable Water Supply | |
| 17 Over-irrigation Compliance Audits | 66 |
| 18 Expansion of Recycled Water Production and Purveyance | 2172 |
| PV 6 - Supported Empowered Energized Engaged Community | |
| 19 Electronic Watershed Boards | 116 |
| 20 Cross-training Plan | 504 |
| PV 7 - Effective and Efficient Mission Support | |
| <i>All projects sufficiently developed to be Core Program Work</i> | |
| Practical Vision Subtotal = | 15198 |
| In Personnel Years = | 8.6 |

2017 Calendar Year
OPERATIONAL PLAN
CORE PROGRAM PROJECTS AND COMMITMENTS

| | Hours |
|--|--------|
| 21 Electronic Content Management Backscanning of Paper Files | 1,340 |
| 22 Core Mission Support | 7,130 |
| 23 Clean Water Act 303(d)/305(b) Integrated Report | 390 |
| 24 Surface Water Ambient Monitoring Program Coordination | 586 |
| 25 Famosa Slough Total Maximum Daily Load | 1,076 |
| 26 Santa Margarita Estuary Total Maximum Daily Load | 1,772 |
| 27 Basin Plan: REC-1 Beneficial Use Evaluation | 2,572 |
| 28 Basin Plan: Reservoirs | 620 |
| 29 Class 1 Priority Violation Enforcement | 4,965 |
| 30 Clean Water Act Section 401 Water Quality Certification Backlog | 7,188 |
| 31 Clean Water Action Section 401 Water Quality Certification Compliance | 3,145 |
| 32 NPDES Wastewater Compliance | 963 |
| 33 NPDES Wastewater Permit Renewal | 7,887 |
| 34 Sanitary Sewer Overflows Responses | 475 |
| 35 Small MS4s: Phase 2 Permit Enrollment | 625 |
| 36 Storm Water Compliance Inspections | 8,286 |
| 37 Water Quality Improvement Plan Development, Review and Acceptance | 1,540 |
| 38 Irrigated Lands Waste Discharge Requirements Implementation | 2,225 |
| 39 Solid Waste Capacity and Compliance | 1,504 |
| 40 Ramona Landfill | 1,496 |
| 41 Statewide Composting Waste Discharge Requirements Implementation | 654 |
| 42 Underground Storage Tanks Case Closures | 2,220 |
| 43 Laurel Hawthorne Sediment Cleanup Level Development | 848 |
| 44 Northward Expansion of Shipyard Sediment Investigation | 1,561 |
| 45 Sight Cleanup Program - Private | 940 |
| 46 Sight Cleanup Program Department of Defense Vapor Intrusion Risk Management | 1,530 |
| 47 Department of Defense California: NTC Environmental Quality Act | 240 |
| 48 Department of Defense: Cleanup Plans | 1,000 |
| Core Program Subtotal = | 64,778 |
| In Personnel Years = | 36.5 |
| Total Operational Plan Commitments | |
| Available Personnel Years = | 63 |
| Practical Vision Projects = | 8.6 |
| Core Program Projects = | 36.5 |
| Total Operational Plan Projects = | 45.0 |

2017 Priorities

- Enrollment in Agricultural WDRs
- Region Wide Key Beneficial Use and Key Areas Prioritization and Assessment
- Biological Objectives
- San Diego Bay Strategy Comprehensive Assessment
- Wetlands Projects
- Tijuana River Valley Recovery
- NPDES Permit Point Loma
- NPDES Permit Poseidon Desalination
- Bacterial Indicators Review
- Phase II MS4 Enrollments
- 401 Certification Enforcement
- Famosa Slough & Santa Margarita Estuary Nutrient TMDLs
- Outreach & Environmental Justice
- Orange County and Upper Santa Margarita Watersheds Water Quality Improvement Plans
- San Juan Basin Water Reliability Summit
- Implementing Outreach Strategy



QUESTIONS AND DISCUSSION