

# San Diego Water Board Update SAM Fall Forum - 2017

**Lalitha Thotakura**

**Water Resource Control Engineer**

**Site Restoration and Agricultural Unit**



# New Look!



## Announcements

- ▶ 2017 Update - Wildfire Web Page Resources for the San Diego Region
- ▶ Tentative Addendum to WDRs for the Santa Rosa Water Reclamation Facility (Comments due by 11/3/2017) (10/2/2017)
- ▶ Proposed Clean-Closure and No Further Action for Cleanup of Waste from the Water Tank Ravine Burnsite, Laguna Beach, California (8/20/2017)
- ▶ Notice of Proposed No Further Action (8/14/2017)
- ▶ Media Release - Free Infrastructure Funding Fairs Coming to Southern California Aug. 29-30 (8/25/2017)
- ▶ More Announcements...

Office of the Governor  
**Edmund G. Brown, Jr.**  
[Visit his Website](#)

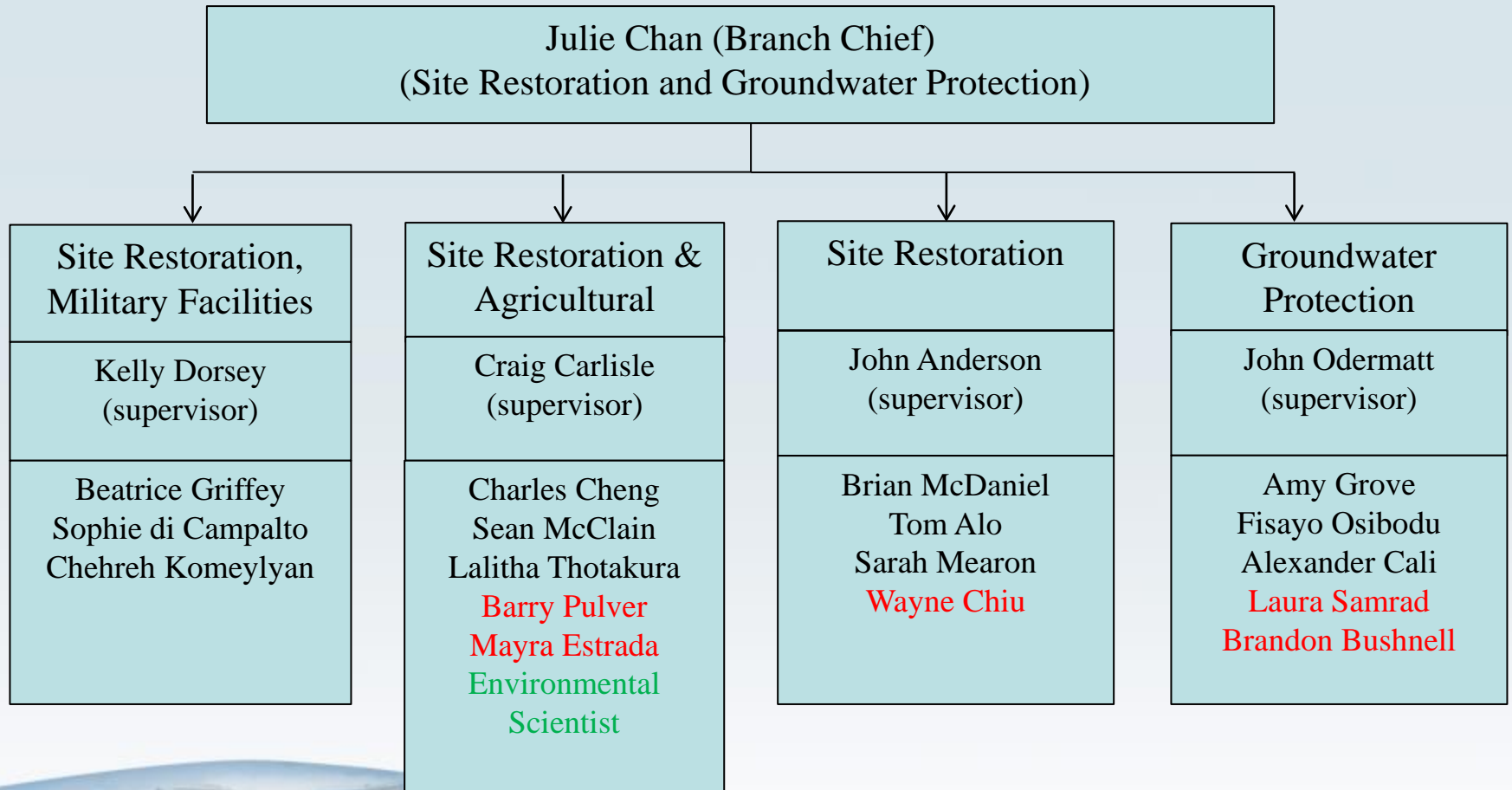
Board Chair  
**Henry Abarbanel**  
[Visit the Water Board Members' Page](#)

 **Upcoming Board Meetings & Events**

- Next Regional Board Meeting in San Diego  
October 11, 2017



# Program Changes



# New Positions

The screenshot shows the California Water Boards website. At the top, there is a navigation bar with the CA.GOV logo, a home icon, and social media share buttons. Below this is a secondary navigation bar with links for Regional Board, Programs, News Room, Board Decisions, Public Notices, Water Boards, and Search. The main content area is titled 'Announcements' and features a list of recent news items, including updates on wildfire resources, clean-closure proposals, and infrastructure funding. To the right, there are profiles for the Office of the Governor (Edmund G. Brown, Jr.) and the Board Chair (Henry Abarbanel). Below these is a section for 'Upcoming Board Meetings & Events', which lists the next regional board meeting in San Diego on October 11, 2017, and other regional meetings. A 'Featured Topics' section is also present, listing various subjects like Agriculture, Environmental Projects, and Storm Water. At the bottom of the page, there is a dark blue footer with four columns of links: Statewide Campaigns, Quick Links, Resources, and Working with the Board. The 'Employment' link in the 'Working with the Board' column is circled in red.

CA.GOV

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- > Proposed Clean-Closure and No Further Action for Cleanup of Waste from the Water Tank Ravine Burnsite, Laguna Beach, California (9/20/2017)
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- > Media Release - Free Infrastructure Funding Fairs Coming to Southern California Aug. 29-30 (8/25/2017)
- > Press Release - City of San Diego Agrees to \$3.2 Million Settlement on Erosion Control Case (8/9/2017)
- > More Announcements...

### Featured Topics

More Topics...

- Agriculture
- Basin Plan
- Community Outreach
- Drought - Wasting Water
- Enforcement
- Environmental Projects
- Monitoring and Assessment
- Permit, Waivers, Forms
- Practical Vision
- Sanitary Sewer Overflows
- Storm Water
- Tijuana River Valley Recovery Strategy
- TMDLS
- 401 Certifications

### Upcoming Board Meetings & Events

- Next Regional Board Meeting in San Diego  
October 11, 2017
- WQCC Meeting in Sacramento  
October 25-26, 2017
- Regional Board Meeting in San Diego  
November 8, 2017
- Regional Board Meeting in San Diego  
December 13, 2017
- More Events...

*Water is a precious resource in California, and maintaining its quality is of utmost importance to safeguard the health of the public and the environment.*

### Statewide Campaigns

- ▲ EPA Water Sense
- ▲ Save Our Water
- ▲ Flex Alert
- ▲ Register to Vote

### Quick Links

- 🔗 File an Environmental Complaint
- 🔗 Ex Parte Communications
- 🔗 Do I Need a Permit?
- 🔗 Help / Business Help

### Resources

- Data & Databases
- Drought Information
- Email Subscriptions
- Language Access Complaint
- MyWaterQuality
- Performance Report
- Queja de Acceso al Idioma
- Useful Links
- Website Index

### Working with the Board

- Board Priorities
- Business Help
- Decisions Pending and
- Opportunities for Public Participation
- Employment**
- FECA
- Grants & Loans
- Laws / Regulations
- Plans / Policies
- Public Records Center

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CALIFORNIA Water Boards  
STATE WATER RESOURCES CONTROL BOARD  
REGIONAL WATER QUALITY CONTROL BOARD

# New Regulatory Programs

## Commercial Agriculture

- Third-Party General Order No. R9-2016-2004
- Individual General Order No. R9-2016-2005
- More details:  
[http://www.waterboards.ca.gov/sandiego/water\\_issues/programs/commercial\\_agriculture/commercial\\_ag\\_d.shtml](http://www.waterboards.ca.gov/sandiego/water_issues/programs/commercial_agriculture/commercial_ag_d.shtml)
- Agriculture and Nurseries email list -  
[http://www.waterboards.ca.gov/resources/email\\_subscriptions/reg9\\_subscribe.shtml](http://www.waterboards.ca.gov/resources/email_subscriptions/reg9_subscribe.shtml)

## Cannabis Cultivation

### Medicinal and Adult-Use Cannabis Regulations and Safety Act (MAUCRSA)

- Cannabis Cultivation Policy, Staff Report, General Order, and Small Irrigation Use Registration
- Hearing on Adoption: October 17, 2017 - [http://www.waterboards.ca.gov/board\\_info/calendar/](http://www.waterboards.ca.gov/board_info/calendar/)
- Stay informed – [http://www.waterboards.ca.gov/resources/email\\_subscriptions/swrcb\\_subscribe.shtml](http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml)
- For more information –
  - [www.waterboards.ca.gov/cannabis](http://www.waterboards.ca.gov/cannabis)
  - <http://cannabis.ca.gov/>



California  
Cannabis Portal



# UST News

- Revised California Underground Storage Tank Regulations - [http://www.waterboards.ca.gov/water\\_issues/programs/ust/tech\\_notices/docs/fed\\_regs\\_ws\\_pres.pdf](http://www.waterboards.ca.gov/water_issues/programs/ust/tech_notices/docs/fed_regs_ws_pres.pdf)
- Funding - [http://www.waterboards.ca.gov/water\\_issues/programs/ustcf/#](http://www.waterboards.ca.gov/water_issues/programs/ustcf/#)
  - Expedited Claim Account Program (ECAP)
  - Site Cleanup Subaccount Program (SCAP)
  - Emergency, Abandoned, and Replacement Fund (EAR)
  - Orphan Site Fund (OSCF)
  - Replacing, Removing, or Upgrading USTs Program (RUST)
  - School District Account (SDA)
  - Proposition 1 Groundwater Sustainability Program (GSP)FUND Updates and News (FUN) Online meeting - <https://stateofcaswrcbweb.centurylinkccc.com/CenturylinkWeb/FUNMeetingRoom>
- Electronic reporting updates to Chapter 16, Division 3, Title 23 - [http://www.waterboards.ca.gov/ust/adm\\_notices/elec\\_rpt\\_01012017.pdf](http://www.waterboards.ca.gov/ust/adm_notices/elec_rpt_01012017.pdf)
- Disqualified Businesses and Persons - [http://www.waterboards.ca.gov/water\\_issues/programs/enforcement/fwa/dbp.shtml](http://www.waterboards.ca.gov/water_issues/programs/enforcement/fwa/dbp.shtml)
  - Report fraud at [reportfraud@waterboards.ca.gov](mailto:reportfraud@waterboards.ca.gov)

# Local News

- Emerging fuels - <https://www.epa.gov/ust/emerging-fuels-and-underground-storage-tanks-usts#tab-5>
- Emerging contaminants - <https://www.epa.gov/fedfac/emerging-contaminants-and-federal-facility-contaminants-concern>
  - 1,4-Dioxane
  - Per- and Polyfluoroalkyl Substances (PFAS)
  - 1,2,3-Trichloropropane
  - N-nitrosodimethylamine (NDMA) and other Nitrosamines
- Review Summary Reports (RSRs)
- Case transfers



Emerging Contaminants & Issues



- Dioxin
- Lead
- VOCs (TCE & PCE)
- Perchlorate
- PFOA/PFOS
- Vapor Intrusion
- Others?



# What's New to GeoTracker

- Upload capacity increased to 400 MB
- GIS file uploads (Plumes!)
- Drop an info pin tool
- Upload non-surveyed data
- GAMA public access to supply well location
- Expanded public CUF claim application report
- Addition of watershed and basin columns to cleanup site download
- Mapped military facility boundaries





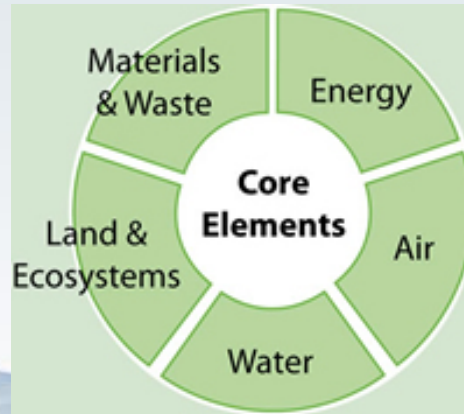
# Annual Agency Report

Number of Cases	UST	Site Cleanup	Total Cleanup Cases
Closed to date	515	377	892
Closed in FY 16/17	26	6	32
Open	200	257	457
Active	186	236	422
Inactive	14	21	35
Eligible for closure	17	2	19
Assessment & Interim Remediation	30	26	56
Site Assessment	94	142	236
Remediation	39	61	100
Verification Monitoring	6	5	11

Note – Table includes Military UST and Site Cleanup Cases

# Sustainable & Green Remediation (SGR)

- **Sustainable Remediation:** *The practice of demonstrating, in terms of environmental, economic and social indicators, that the benefit of undertaking remediation is greater than its impact, and that the optimum remediation solution is selected through the use of a balanced decision-making process (SURF-UK).*
- **Green Remediation:** *The practice of considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprints of cleanup (EPA).*



[EPA, 2010]

# SGR Tools

EPA's footprint tools - <https://clu-in.org/greenremediation/>

- Environmental Footprint Analysis (SEFA)
- SiteWise™
- Sustainable Management Approaches and Revitalization Tools – electronic (SMARTe)

Other tools - <http://www.sustainableremediation.org/tools/>

- Air Force Sustainable Remediation Tool (SRT™)

The screenshot shows the EPA Clean-Up Information website. The header includes the EPA logo, "United States Environmental Protection Agency", "Technology Innovation and Field Services Division", and a search bar. The main navigation bar lists: Technologies, Contaminants, Issues, Strategies & Initiatives, Vendors & Developers, Training & Events, and Additional Resources. The current page is titled "Green Remediation Focus" and features a large green banner with the text "Green Remediation Focus" and a background image of a green landscape with wind turbines. Below the banner, there is a sub-header "Considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprints of a cleanup". The page is divided into several sections: "In the News" with a list of recent reports and updates; "The Policies & Strategies" with links to EPA Strategic Plan, CERCLA, and other guidance; "Best Management Practice (BMP) Fact Sheets" with links to various BMP documents; "Incorporating BMPs relating to ..." with links to design, construction, and operations; and "Upcoming Events" with a list of webinars and conferences. A sidebar on the right contains social media links, a "Staying Connected" section, and a "Contact Us" section with links to Site Map and Site Tour.



# SGR Resources

- CLU-IN green remediation
- Sustainable Remediation Forum (SURF)
- SURF-UK Framework
- ITRC GSR Overview and Framework
- ASTM Standard Guide for Incorporating Sustainable Objectives into Cleanup (ASTM E2876)
- ASTM Standard Guide for Greener Cleanups (ASTM E2893)
- ASTSWMO's Incentives for Greener Cleanups



# Community Outreach

The screenshot shows the top portion of the California Water Boards San Diego website. At the top left is the CA.GOV logo. To its right are social media share icons for Facebook, Twitter, LinkedIn, and YouTube. Further right are links for 'About Us', 'Contact Us', 'Subscribe', and 'Settings'. Below this is a navigation bar with icons and labels for 'Regional Board', 'Programs', 'News Room', 'Board Decisions', 'Public Notices', 'Water Boards', and 'Search'. A secondary navigation bar below that contains 'News', 'Community Outreach' (circled in red), 'Publications Forms', and 'Executive Officer's Reports'. The main content area features a large background image of a lake with ducks. On the left, the text reads: 'State of California San Diego Regional Water Quality Control Board'. Below this is a mission statement: 'To preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.'

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Upcoming Board Meetings & Events

- [Next Regional Board Meeting in San Diego](#)



# Social Media and Events



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@SDWaterBoard

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STATE OF CALIFORNIA  
SAN DIEGO REGION  
REGIONAL WATER QUALITY CONTROL BOARD

Tweets 586 Following 12 Followers 429 Likes 4

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Tweets Tweets & replies Media

SD Water Board @SDWaterBoard · Sep 18  
Join us for our Board Meeting October 11, 2017 at our offices.  
[waterboards.ca.gov/sandiego/board...](http://waterboards.ca.gov/sandiego/board...)

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

San Diego Regional Water Quality Control Board  
<http://www.waterboards.ca.gov/sandiego/>

@SDWaterBoard

**SAVE THE DATE!**

**ENVIRONMENTAL JUSTICE SYMPOSIUM**

*Open Mic – Listening Session*

**Saturday, June 10, 2017**  
10:00 a.m. to 3:00 p.m.

**César E. Chávez Campus -- Barrlo Logan**  
1901 Main Street San Diego, CA 92113

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# Questions?

