



The October 10, 2013 meeting will be held at:

**Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley, CA 92708
<http://www.ocsd.com>
(714) 962-2411**

9:30 a.m. – 12:30 p.m.

This is a joint meeting with SCAP

General Meeting and Water Committee
Located in Board Room

Land Committee
Located in Conference Room C

NOTE: FOR COMPLIMENTARY TRANSPORTATION FROM JOHN WAYNE AIRPORT TO OCSD, RSVP TO Tom Meregillano At tmeregillano@ocsd.com (714) 593-7457 OR CELL (714) 655-7568 BY WEDNESDAY MORNING, 10/9/13.

PICKUP: 9:00 A.M. IN SOUTHWEST PICKUP/ARRIVAL AREA (SEE WHITE VAN WITH OCSD LOGO)
RETURN TRIPS MEET IN ADMINISTRATION LOBBY AS FOLLOWS:

*12:00 P.M. FOR RETURN TO AIRPORT BY 12:15 P.M.

* 2:30 P.M. FOR RETURN TO AIRPORT BY 2:45 P.M.

**Next Meeting:
Teleconference – November 14, 2013**

Directions to Orange County Sanitation District (Plant 1)

10844 Ellis Avenue, Fountain Valley, CA 92708

(714) 962-2411



Directions to Plant 1 (Administrative Offices)

Going South on the 405 freeway, exit at Euclid Ave., go straight through signal, enter main gate and turn right.

Going North (from John Wayne Airport) on the 405 freeway, exit at Euclid Ave., turn right, immediately after underpass turn left at signal, enter main gate and turn right.

Important Parking Information: All drivers must stop at the guard shack to sign in and obtain a parking pass. The meeting will be held in our Administration offices. Parking is available, immediately after passing the guard shack, on the right-side of the road next to the Administrative offices. Public entry is allowed through the front entrance only.



TRI-TAC & SCAP JOINT MEETING

Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 962-2411

THURSDAY, October 10, 2013

9:30 A.M. – 12:30 P.M.

General Meeting & Water Committee

Location: Board Room

Land Committee

Location: Conference Room C

9:30 A.M. – 10:00 A.M. – GENERAL MEETING

1. Introductions
2. Future Meeting Schedule and Locations, Committee Assignments and Sign-In Roster
3. Report Back from Summit Partners Meeting
4. Cross-Media Issues Update
 - a. Pyrethroid Study
 - b. Other Pesticide Steering Committee Updates
 - c. CalRecycle Anaerobic Digestion Regulations
 - d. Renewable Energy Issues
5. Update on Hot Topic Issues In Water and Land Committees
6. Brief Updates from Other Organizations (Regional Associations, CWEA, WEF, etc.)

10:00 A.M. – 12:00 P.M. – WATER & LAND COMMITTEE

MEETINGS

1. Water Committee Agenda & Attachments (P. 7)
2. Land Committee Agenda & Attachments (P. 8)
3. Committee Issue Summaries (P. 9-13 & 14-16)

TRI-TAC ATTENDANCE ROSTER
THURSDAY, SEPTEMBER 12, 2013
SAN LEANDRO, CALIFORNIA

THE FOLLOWING MEMBERS AND INTERESTED PARTIES WERE PRESENT:

Shannon Bishop, LACSD
Seth Carr, LACSD
Lorien Fono, PME/BACWA
Levi Fuller, DSRSD
Dan Gallagher, DSRSD
Tom Hall, EOA, Inc.
Beverly Hann, Carollo Engineers
Eric Have, Encinca Wastewater Authority
Jon Hay, Black & Veatch
Chadra Johannesson, EBMUD
Zachary Kay, City of Santa Rosa
Jackie Kepke, EBMUD
Greg Kester, CASA
Matt Krupp, City of Palo Alto
Melody LaBella, CCCSD
Bobbi Larson, CASA
Jason Lofton, SRCSD
Terrie Mitchell, SRCSD
Karen North, City of Palo Alto
Tim Potter, CCCSD
Phil Scott, West Bay Sanitary
Sophia Skoda, EBMUD

TRI-TAC LOCATIONS & 2013 SCHEDULE
(EFFECTIVE OCTOBER 3, 2013)

TRI-TAC MEETING DATE ¹	LOCATION/HOTEL	COMMENTS
JANUARY 10, 2013	Conference Call	CASA – January 16 - 18 Indian Wells, CA
FEBRUARY 14, 2013	Boy Scout Council 1001 Davis Street San Leandro, CA 94577	CASA D.C. Conference February 25 – 27
MARCH 14, 2013	Carollo Engineers 2880 Gateway Oaks Drive, Suite 300 Sacramento, CA 95833	
APRIL 11, 2013	Conference Call	CWEA – April 16-19 Palm Springs, CA CASA – April 24-26 Newport Beach, CA
MAY 9, 2013	Orange County Sanitation District 108 44 Ellis Avenue Fountain Valley, CA 92708	Shuttle bus offered from John Wayne Airport at about 8:40am.
JUNE 13, 2013	Carollo Engineers 2880 Gateway Oaks Drive, Suite 300 Sacramento, CA 95833	
JULY 11, 2013	Conference Call	
AUGUST 8, 2013	No Meeting	CASA – August 21-24 San Diego, CA
SEPTEMBER 12, 2013	Boy Scout Council 1001 Davis Street San Leandro, CA 94577	
OCTOBER 10, 2013	Orange County Sanitation District 108 44 Ellis Avenue Fountain Valley, CA 92708	Shuttle bus offered from John Wayne Airport at about 8:40am. WEFTEC Oct. 5 – 9 Chicago, IL
NOVEMBER 14, 2013	Conference Call	
DECEMBER 12, 2013	Sacramento Facility TBD	Tri-TAC Retreat December 12-13 at EBMUD Lake Pardee Facilities
¹ If you would like to add an agenda item or schedule a presentation for an upcoming meeting, please contact one of the committee co-chairs at least 14 days before the designated meeting date ² If you would like an “after Tri-TAC” meeting noted in the agenda package, please contact Terrie Mitchell at least ten days before the designated meeting date. ★ Air Committee is meeting on an Ad-Hoc Basis.		

TRI-TAC SPONSOR REPRESENTATION 2013
(October 2013)

League of California Cities (LOCC)	CASA	CWEA	
Jason Rhine	Sharon Green Ben Horenstein Roberta Larson Terrie Mitchell, Tri-TAC Chair	James Clark Jim Colston Bob Gillette Tom Grovhoug Jon Hay	Chandra Johannesson Jackie Kepke, Tri-TAC Vice Chair Phil Scott Alec Mackie Monica Oakley

Tri-TAC Liaison Representation

BACWA: Dave Williams CVCWA: Debbie Webster
 CASA: Roberta Larson, Greg Kester CWEA: Phil Scott, Alec Mackie
 SCAP: John Pastore LOCC: Jason Rhine

COMMITTEES

AIR	LAND	WATER	
Chair: Air Committee On Ad-hoc Basis only	Co-Chairs: Vince De Lange Tom Meregillano	Co-Chairs: Shannon Bishop & Jason Lofton Finance Subcommittee Chair: Dave Bruns	
Interested Participants	Interested Participants	Interested Participants	
Terry Ahn Matt Frank Caponi Stephanie Cheng James H. Clark Sarah Desalauriers Zeynep Erdal Kris Flaig Sharon Green Patrick Griffith Bobbi Gustafson Ron Hipkiss Kirk Howard Greg Kester Vlad Kogan John Pastore Amanda Roa Lisa Rothbart Jim Sandoval Randy Schmidt Jennifer Shepardson Kevin Steet Debbie Webster	Bao Layne Baroldi Stephanie Cheng James Clark Melissa Fischer Bonnie Jones Diane Gilbert Jones Robert Gillette Eric Have Jon Hay Ron Hipkiss Al Javier Bonnie Jones Zachary Kay Greg Kester Matt Krup Derrick Lee Ajay Malik Mike Moore Octavio Navarrette Michelle Pla Tim Potter John Pugliarese Lisa Rothbart Kelly Sarber Mike Sullivan Caroline Quinn Sandy Warren Debbie Webster	Matt Bequette Rebecca Bjork Phil Bobel Barbara Buikema Amy Chastain Stephanie Cheng James Clark Paul Cobian Jim Colston Mike Connor Vicky Conway Linda Dorn Andy Eggleston Lorien Fono Rebecca Franklin Levi Fuller Dan Gallagher Preeti Ghuman Nicole Granquist Donald Gray (Gabb) Sharon Green Tom Grovhoug Bobbi Gustafson Tom Hall LeAnne Hamilton Lisa Haney Beverley Hann Ben Horenstein Al Javier Chandra Johannesson Jim Kelly	Jackie Kepke, Tri-TAC Vice Chair Roberta Larson Melody LaBella Phil Markle Patricia McGovern Tom Meregillano Terrie Mitchell, Tri-TAC Chair Kelly Moran Andy Morrison Mitchell Mysliwicz Karen North Monica Oakley Laura Pagano John Pastore Michelle Pla Tim Potter Paul Prange Daniel Rynn Amanda Roa Lisa Rothbart Phil Scott Jennifer Shepardson Christopher Stacklin Martin St. George Curt Swanson Bonnie Teaford Melissa Thorne David Tucker Lysa Voight Debbie Webster

Tri-TAC Water Committee Agenda – October 10, 2013

ITEM #	Topic	LEAD	Time (min)	Relevant material
Discussion Items:				
1.	EPA Proposed NPDES Electronic Reporting Rule	Jason Lofton	10	http://www2.epa.gov/sites/production/files/2013-08/documents/npdes-electronic-reporting-rule-factsheet.pdf
2.	EPA WQ Standards Regulatory Clarifications - Antideg	Adam Link/ Sharon Green	20	http://www.gpo.gov/fdsys/pkg/FR-2013-09-24/pdf/2013-23103.pdf
3.	2013 Freshwater Ammonia Criteria	Phil Markle	15	http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/ammonia/index.cfm
4.	CEC Pilot Study	Phil Friess	15	
5.	State Water Board Resource Alignment/Fee Increases	Adam Link/ Sharon Green/ Terrie Mitchell	15	
6.	Sediment Quality Objectives	Lisa Haney	10	
7.	Central Valley Drinking Water Policy	Jason Lofton	20	http://www.waterboards.ca.gov/centralvalley/water_issues/drinking_water_policy/
Updates				
1.	Biological Objectives	Phil Markle	10	
2.	Toxicity Policy	Phil Markle	5	
3.	State Water Board Update on Mercury Projects	Jason Lofton	5	
Items that are out there:				
Santa Maria River Nutrient TMDL	Comments Due 10/14/2013	http://www.waterboards.ca.gov/rwqcb3/water_issues/programs/tmdl/docs/santa_maria/nutrients/sm_nut_tmdl_sb_pub_not.pdf		
Salinas Nutrient TMDL	Comments Due 10/14/2013	http://www.waterboards.ca.gov/centralcoast/water_issues/programs/tmdl/docs/salinas/nutrients/sal_nut_tmdl_sb_pub_not.pdf		

Tri-TAC BIOSOLIDS LAND COMMITTEE
SCAP BIOSOLIDS COMMITTEE

AGENDA
 October 10, 2013
 Orange County Sanitation District

Item No.	Topics	Lead Person	Est. Time (minutes)	Attachments
1.	Regulatory/Legislative/Legal Updates			
	<ul style="list-style-type: none"> ▪ Ordinances Update <ul style="list-style-type: none"> - Imperial - San Luis Obispo - Solano (+Measure E) ▪ Kern (Measure E) ▪ Anaerobic Digestion Legislation (SB 804 - Lara) 	G. Kester/L. Baroldi G. Kester/D. Gilbert G. Kester	20	
2.	State and Regional Updates			
	<ul style="list-style-type: none"> ▪ CalRecycle FOG/Food Waste Digestion ▪ CalRecycle 75% Diversion Plan ▪ CDFR Regulations on Rendering 	G. Kester G. Kester/V. De Lange G. Kester	15	
3.	EPA and Nationwide Updates			
	<ul style="list-style-type: none"> ▪ NPDES Proposed Electronic Reporting Rule ▪ Arsenic Cancer Slope Factor ▪ New Proposed FDA Rules 	G. Kester/T. Meregillano G. Kester G. Kester	10	
4.	Regional Facilities Updates			
	<ul style="list-style-type: none"> ▪ Bay Area Agencies ▪ So. Cal. & C.V. ▪ IERCF ▪ Westlake Farms ▪ TIRE 	B. Gillette, B. Jones T. Meregillano/E. Have M. Bao M. Bao D. Gilbert	15	
5.	Industry Association Updates			
	<ul style="list-style-type: none"> ▪ WEF ▪ CASA ▪ CWEA ▪ SCAP ▪ BACWA ▪ CVCWA 	G. Kester/V. De Lange G. Kester J. Hay M. Bao M. Krupp B. Gillette	10	
6.	Emerging Contaminants			
	<ul style="list-style-type: none"> ▪ Pyrethroid Working Group ▪ Trace Organics Activities 	G. Kester G. Kester	10	
7.	Biosolids Research			
	<ul style="list-style-type: none"> ▪ WEF Biogas Study ▪ Other 	G. Kester G. Kester	5	
8.	Conferences/Webinars			
	<ul style="list-style-type: none"> ▪ California Bioresources Alliance Symposium, Sept 18-19, 2013 	All	5	
9.	Information Sharing	All	10	

Tri-TAC Water Committee Key Issue Summary

(as of
Oct 2013)

DRAFT

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Links	Lead(s)	Next Steps	Due Date
1	<p>Whole Effluent Toxicity</p> <ul style="list-style-type: none"> State is developing a new Toxicity Policy that will dictate how toxicity is reported and enforced. The draft "Policy" is now being reformatted for distribution as a "Plan" with an expected update to become available in the summer of 2013 with eventual adoption in late 2013 or later. 	<ul style="list-style-type: none"> Draft State Toxicity Policy issued in 2011 would establish/ require: <ul style="list-style-type: none"> numeric limits for chronic toxicity use of Test of Significant Toxicity (TST) as statistical method to determine toxicity (concerns it will lead to more false positive results); use of marine organisms in >1,000 mg/L salinity waters which affects current use of flow-through testing for acute-toxicity single and multiple test numeric violations that will also trigger accelerated monitoring RWQCB discretion on inclusion of acute toxicity in permits and whether to allow for dilution 	<ul style="list-style-type: none"> State Board held a workshop late August. Stakeholders thought that the proposed policy would initiate too many changes at once. Instead, it might be easier to breakdown the changes into phases, thus reducing impacts on stakeholders. The phasing logistics still need to be discussed and other board members need to be introduced to the idea. Tri-TAC voiced concern with uncertainty in the WET Policy and SB plans to address our concerns to a certain degree. The initial ideas on phasing would focus on gathering a data set with the new TST without having penalties associated with the results. Stakeholders could use this data to determine the real effect of the TST in the regulatory setting. We should define the successful criteria needed to move from phase 1 to phase 2. Running the "test" of phase 1 would be expensive for POTWs, and we may want to consider running phase 1 test on POTWs over a certain size. Ultimately, there was no consensus among Tri-TAC regarding a phasing approach. We need to address the potential issue of anti-backsliding and the differences between acute testing versus chronic testing. 	<p>State Board Page</p>	Bobbi Larson, Phil Markle	<ul style="list-style-type: none"> We are currently waiting for the next release of the draft "Plan" to see if and how our previously voiced concerns have been addressed. The expected release date is November 2013. We will then conduct an evaluation of the required elements and determine the likelihood of a non-toxic effluent being in violation and the costs associated with such exceedances as well as the likelihood of non-toxic receiving waters being erroneously identified as impaired using the requirements of the Plan.. 	
2	<p>Recycled Water Policy</p> <ul style="list-style-type: none"> State Water Board is modifying the monitoring requirements for CECs in the policy to implement the Expert Panel's recommendations. 		<ul style="list-style-type: none"> State Board revised the water monitoring requirements for recycled water. Comments are due in July on the most recent draft. State Water Board is amending the recycled water policy to address monitoring for CECs. An expert panel informed the Board and it seems that they will focus on ground water recharge and not irrigation uses of the recycled water. It seems that the policy on CECs is getting close to closure and a majority of our concerns are being addressed. 		Bobbi Larson		
3	<p>Nutrient Policy</p> <ul style="list-style-type: none"> This effort is part of a statewide initiative, supported by the U.S. EPA Region IX and the SWRCB, to establish numeric water quality standards, expressed as NNEs, for State Waters 	<ul style="list-style-type: none"> Any POTW that discharges to inland surface water will be affected under the policy. Adoption of a statewide approach to nutrient control will affect NPDES permitting, 303(d) listings, and TMDL development. Possible outcomes associated with the policy include stringent numeric endpoints for total nitrogen and phosphorus. 	<ul style="list-style-type: none"> Small group of stakeholders met with the State Board to discuss possible approaches to the statewide nutrient policy. Stakeholders advocated for a policy that is based in science, doesn't have predetermined low limits, and an open process. The QUAL-2 model will likely result in very low nutrient numbers that are very conservative and unlikely to be regularly attainable by POTWs. . Restarting process for the SF Bay, led by R2. Will look at relationship between nutrient concentrations and harmful algal blooms. Will also look at DO, which is becoming increasingly important. We should advocate for identifying sources, analyzing control methods and effectiveness, and focus on 		Tom Grouvhog	<ul style="list-style-type: none"> Develop a suggested monitoring template that will support CASA's recommendations for the nutrient policy. 	

Tri-TAC Water Committee Key Issue Summary

(cont'd)

DRAFT

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Links	Lead(s)	Next Steps	Due Date
			endpoints instead of just adopting a number.				
4	CECs <ul style="list-style-type: none"> Pharmaceuticals and other trace constituents of emerging concern (CECs) are ubiquitous in wastewater at low concentrations and have unknown effects on aquatic organism 	<ul style="list-style-type: none"> The State Board, along with Southern California Coastal Water Research Project (SCCWRP), has been working with the Ecosystems Advisory Panel to determine next regulatory steps. The panel will recommend monitoring wastewater for CECs, and possibly bioanalytical assays to test for toxic effects 	<ul style="list-style-type: none"> The Water Board is trying to decide how to implement the Ecosystem Advisory Panel report on CECs. The panel created an initial list of CECs for monitoring. However, a study needs to be done to evaluate the different types of receiving water and treatment types. There are options to pay for this study: SWAMP surcharges could increase in NPDES permit fees, state board could direct certain POTWs to pay for the study, the state board could not do the study, or stakeholders could volunteer to participate and fund the study. WERF may be a source of funding if stakeholders decide to manage the study A kick-off meeting was held in September 2013 for the pilot study on monitoring of CECs in aquatic ecosystems 		Phil Friess	<ul style="list-style-type: none"> Continue to provide input at public meetings and submit comments 	
5	Statewide Mercury Programs <ul style="list-style-type: none"> The Mercury Programs will incorporate methylmercury objectives and control plans for mercury impaired waterbodies Mercury Control Program for Reservoirs will address all mercury impaired reservoirs included on the 2010 303(d) list Future elements of the policy could include control programs for future impaired reservoirs, rivers/creeks/streams/enclosed bays/coastal bays/estuaries/lagoons impaired by mercury, NPDES permitted sources, and nonpoint sources 	<ul style="list-style-type: none"> Any wastewater that discharges to a mercury-impaired waterbody will eventually be included under the policy The State Board is considering ways to harmonize efforts with existing TMDLs If control program for NPDES permitted sources is developed implementation measures such as mercury-specific pollution prevention, installation of amalgam separators for dental offices, and improving wastewater treatment may be required. 	<ul style="list-style-type: none"> Tri-TAC provided comments urging them to harmonize with existing TMDLs and link implementation to impairment Existing TMDLs will likely be grandfathered in 	State Board Mercury Page	Tom Grovhoug/ Shannon Bishop	<ul style="list-style-type: none"> Continue to provide input at public meetings and submit comments 	
6	Methylmercury Objectives <ul style="list-style-type: none"> State Board is developing a methylmercury fish tissue objective and implementation plan The scientific underpinnings for the criteria development are still under consideration, but there will likely be two objectives in terms of fish tissue, one to protect human health and one to protect the California Least Tern 	<ul style="list-style-type: none"> The State Board staff are working on the implantation plan for the objectives. 	<ul style="list-style-type: none"> State Board is restarting this effort continuing from the alternatives developed in 2006. The project is part of the Statewide Mercury Programs State is considering a new beneficial use based on high consumption rates of fish (mainly for tribes) 	State Board Mercury Page	Tom Grovhoug/ Shannon Bishop	<ul style="list-style-type: none"> Begin to work on internal strategy and then begin working with State Water Board and to iron out issues 	
7	Biological Objectives <ul style="list-style-type: none"> The State Board is developing a Biological Objective Policy that will incorporate bioassessment results into Basin Plans, impairment listing decisions and eventual enforcement actions to protect aquatic life beneficial uses. 	<ul style="list-style-type: none"> If biological impairment is found to be caused by a pollutant, it could impact how NPDES permits are written and permit limits. 	<ul style="list-style-type: none"> The current evaluation will focus on invertebrates in perennial and Wadeable streams but other criteria (non-perennial, algae, etc) are anticipated in the future. State Board staff have indicated at the latest stakeholder meeting that they intend to develop biological for all water bodies, even those with significant modification and in areas where reference condition is underrepresented.. 	State Board Biological Objectives Page	Phil Markle/ Ann Heil	<ul style="list-style-type: none"> There is a current Tri-TAC technical workgroup that has been involved in providing technical comments on various documents as they have been released. Tri-TAC is now in the process of forming a Policy workgroup to address policy issues of BO. Ann Heil should be included in the Tri- 	

Tri-TAC Water Committee Key Issue Summary

(cont'd)

DRAFT

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Links	Lead(s)	Next Steps	Due Date
			<ul style="list-style-type: none"> State Board presented its policy ideas for Biological Objectives. Option 1 was numeric standards for BO. Option 2 was a "target" for BO. Option 3 was almost the no project alternative. State Board is forming a policy stakeholder group, Ann Heil is representing POTWs. Policy is projected to be adopted in mid-2014. It is possible that the entire state will now be subject to the BO. Previously, we expected central valley and other heavily modified areas to be exempt. 			TAC working group since she is representing the POTW perspective on the new "implementation" working group.	
8	SSS WDR <ul style="list-style-type: none"> The Monitoring and Reporting Program for the SSS WDR is being revised by the State Board 		<ul style="list-style-type: none"> Revised MRP was implemented in September 2013. 		Bobbi Larson, Monica Oakley	<ul style="list-style-type: none"> Continue to monitor the SSS WDR program for possible future changes and review data presented in the annual compliance reports. 	
9	Delta Issues <ul style="list-style-type: none"> Standing topic to discuss issues in the Delta that can have statewide impact. State Board is updating Bay Delta Plan The Central Valley Regional Board approved a Drinking Water Policy for Surface Waters of the Delta and its Upstream Tributaries 	<ul style="list-style-type: none"> Ammonia discharged from POTWs has been suggested to be disrupting the food-web, and ultimately contributing to the decline of pelagic fish populations in the Bay-Delta estuary This rationale was used by the Central Valley RWQCB to support requiring Sacramento Regional County Sanitation District to upgrade to nitrification, at an estimated cost of \$800 million Various studies to resolve uncertainties related to the impacts of ammonia are underway 			Terrie Mitchell	<ul style="list-style-type: none"> Continue to track issues as they emerge and act on those with state-wide significance 	
10	EPA Ammonia Criteria <ul style="list-style-type: none"> EPA released the final version of the new freshwater ammonia criteria in August 2013 	<ul style="list-style-type: none"> The 2013 freshwater ammonia criteria is much lower than the 1999 criteria and depending on how the criteria is applied, it could be difficult for POTWs to meet to limits. 			Tom Grouvhog/ Phil Markle	<ul style="list-style-type: none"> Track and provide comments when necessary 	
11	EPA Water Quality Criteria <ul style="list-style-type: none"> EPA is proposing changes to the water quality criteria regulations regarding administrator determinations, attainable uses, triennial reviews, compliance schedules, antidegradation, and variances 	<ul style="list-style-type: none"> Key elements likely to be included in the regulation: <ul style="list-style-type: none"> Antidegradation- States must adopt binding anti degradation requirements and minimum implementation methods Attainable uses- when use is not attainable, State must specify next highest attainable use Triennial review- current criteria should be examined Variance- requirements will be specified 	<ul style="list-style-type: none"> The regulation was approved Office of Management and Budget and was released for comment in September 2013 		Adam Link/ Shannon Bishop	<ul style="list-style-type: none"> Tri-TAC formed a workgroup to provide comments on the proposed ruling Work with NACWA on comments 	<ul style="list-style-type: none"> Comments are due December 3
12	EPA Integrated Permitting <ul style="list-style-type: none"> EPA effort to integrate municipal stormwater and wastewater plans in relation to the CWA. The integrated 	<ul style="list-style-type: none"> The integrated permitting approach could be beneficial for POTWs because it is intended to help municipalities meet their CWA obligations by optimizing their infrastructure 	<ul style="list-style-type: none"> EPA held several listening session in January and February 2012 and is developing a draft framework document to describe the integrated planning concept, likely to be released in Spring 2012 		Ben Horenstein/ Jackie Kepke	<ul style="list-style-type: none"> Continue tracking this effort along with NACWA Review draft framework document when released 	

Tri-TAC Water Committee Key Issue Summary
(cont'd)

DRAFT

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Links	Lead(s)	Next Steps	Due Date
	planning process will potentially identify efficiencies in implementing overlapping and competing requirements that arise from separate wastewater and stormwater projects, including capital investments and operation and maintenance requirements.	improvement investments through the appropriate sequencing of work. <ul style="list-style-type: none"> Is there a way to harmonize with Porter Cologne in California? EPA integrated permitting document came out as a draft. This is driven by urban mayors. There wasn't a lot of substance, although one issue raised was removing 5-yr permit cycle 	<ul style="list-style-type: none"> Had a call to set up work group to come up with list of issues that should be considered 				
13	Electronic Reporting <ul style="list-style-type: none"> Agencies are now required to electronically report compliance data to their regional boards via CIWQS State Board is working on eSMR 2.5 that will allow for electronic submittal of EPA required self-monitoring data EPA released a proposed rule-making requiring electronic reporting for NPDES data 	<ul style="list-style-type: none"> Errors are often propagated when the data are made public, and they are also often presented out of context (e.g. presenting exceedences as violations) Errors are difficult to correct Finalization of eSMR 2.5 will require a different data file type to be submitted electronically 	<ul style="list-style-type: none"> The EPA released its proposed rule for electronic reporting of NPDES based reports 		Shannon Bishop	<ul style="list-style-type: none"> Submit comment letter to EPA regarding the proposed electronic reporting rule Work with the State Board to ensure that California's electronic reporting databases are CROMMER certified 	<ul style="list-style-type: none"> Comments are due December 12
14	EPA Dental Amalgam <ul style="list-style-type: none"> October 26, 2011 - EPA released its 2010 Effluent Guidelines Program Plan announcing its intent to adopt guidelines on the use of dental amalgam by dentists 	<ul style="list-style-type: none"> Agencies are concerned that dentists' offices will be regulated as part of POTWs' pretreatment program EPA will likely create a new category so that dentists will not be categorized as SIUs They may also grandfather in existing regional dental amalgam programs 	<ul style="list-style-type: none"> EPA had planned to propose a rule in 2011 and finalize in 2012, but they appear to be behind schedule. Expect to hear something in the fall. EPA will likely create a new category so that dentists will not be categorized as SIUs They may also grandfather in existing regional dental amalgam programs 		Tim Potter	<ul style="list-style-type: none"> Comment on draft guidelines when they are released 	
15	Pesticides <ul style="list-style-type: none"> Cross-media issue Some pesticides are toxic to sensitive organisms at extremely low concentrations. Nanoparticles and some biocides have potential to interfere with biological treatment processes Some pesticides like triclosan, fipronil, and nanosilver are considered CECs 	<ul style="list-style-type: none"> In the future, POTWs could be regulated for pyrethroids, which they can't control and may be toxic to sensitive organisms at very low levels. Engagement at this stage could steer regulators to adopt strategies favoring source control POTWs are participating in a long-term joint program with stormwater and the water boards to work cooperatively with pesticide regulators to use their pesticide regulatory authorities prevent pesticide-related POTW compliance and operational problems. 	<ul style="list-style-type: none"> Work with the pesticide work group is complete The POTW survey has been conducted and a final PWG report on the findings should be made available before the end of 2013 		Pesticide Work Group: Greg Kester, Linda Dorn, Preeti Ghuman, Phil Markle, Dave Snyder, Melody LaBella, Karin North	<ul style="list-style-type: none"> Tri-TAC will continue to actively work to minimize pyrethroid loading to POTWS where possible while at the same time evaluate more appropriate and environmentally relevant thresholds protective of aquatic life 	
16	DTSC Safer Consumer Products Regulation <ul style="list-style-type: none"> The Department of Toxic Substances control is developing new regulations that will allow chemicals to be controlled without recourse to the legislature. 	<ul style="list-style-type: none"> This could be an important tool for POTWs to prevent the discharge of toxic substances to their influent 	<ul style="list-style-type: none"> BAPPG commented on DTSC's draft Green Chemistry regulations in December 30, 2011, and Tri-TAC and CASA issued letter of support for these comments Green Chemistry workshop was held in early September and comments are due by October 11th. 		Karin North, Melody LaBella, Kelly Moran	<ul style="list-style-type: none"> Comment on Green Chemistry regulations due on October 11th. BACWA will write letter and Tri-TAC may sign on the letter if warranted. 	
17	State Water Board Resource Alignment <ul style="list-style-type: none"> This project was initiated by the State Water Board. The Board 	<ul style="list-style-type: none"> This effort is an opportunity for POTWs to evaluate State Water Board's priorities, recommend ways to improve efficiencies in regulatory requirements, and hopefully 	<ul style="list-style-type: none"> The CASA lead group presented ideas to the State Board that were well received. Group had a discussion about performance based limits in NPDES permits and how they are 		Adam Link	<ul style="list-style-type: none"> Continue to work with the SWB and staff on the project. 	

Tri-TAC Water Committee Key Issue Summary
(cont'd)

DRAFT

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Links	Lead(s)	Next Steps	Due Date
	directed staff to assess and align State Water Board priorities, resources, and performance targets.	improve cost-effectiveness of regulatory compliance.	inconsistently applied throughout the state. If the State Board could come up with favorable guidance on this issue, it could save POTWs money while still meeting the State Water Board's mission. <ul style="list-style-type: none"> The State Board adopted a resolution on September 24 that explores several options proposed by the POTW stakeholder group. 				
18	Statewide Cadmium and Hardness Policy <ul style="list-style-type: none"> The State Water Board staff is evaluating the cadmium criteria. As part of this policy, hardness selection criteria may be defined. CEQA scoping began in fall 2008 but was stalled. State Water Board staff are continuing work on the project. 	<ul style="list-style-type: none"> The new policy will likely result in more stringent cadmium criteria. 	<ul style="list-style-type: none"> A conference call with State Water Board staff to discuss the policy was cancelled due to scheduling issues. The call will be rescheduled. 		Mitchell Mysliwiec	<ul style="list-style-type: none"> Work with State Water Board staff to get update on the project to determine next steps. 	

Tri-TAC Land Committee Key Issue Summary

(as of October 10, 2013)

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Lead(s)	Next Steps	Due Date	
Goal: Support Long-term Viability of Land Application Options							
1	Local County Ordinances	<ul style="list-style-type: none"> ▪ Potential loss of existing and future land application practices. ▪ Increased biosolids management costs (e.g., longer hauling distances, more expensive alternative practices). 	<ul style="list-style-type: none"> ▪ Imperial: Advocacy efforts to challenge ordinance ban on biosolids is placed on hold until a final decision on Kern County Measure-E case is made. ▪ San Luis Obispo: On 3/12/13, the Board of Supervisors (BOS) unanimously approved the extension of the existing interim biosolids ordinance until March 2017 as requested by County staff and supported by wastewater agencies and CASA. By extending the interim ordinance until 2017, the County is provided time to review the science and the issues, and consult with others, while drafting a new ordinance. The BOS committed to providing funding as they go through their budget process to allow the Department of Health the ability to perform due diligence as they work on a new ordinance. ▪ Solano: The Board of Supervisors would like a court decision as to whether Solano's Measure-E is moot under AB 845. ▪ The court agreed with CASA and the Respondents and found that "enactment of Assembly Bill No. 845 has rendered the issues raised on appeal moot. Because the portion of the judgment directing enforcement of Measure E is contrary to existing law, the appropriate course of action is to reverse that portion of the judgment with instructions to dismiss the petition." Although the court did not reach the merits of the case, and the opinion remains unpublished, this is a very positive result and underscores the impropriety of out-of-county bans of solid waste and biosolids alike. ▪ State Supreme Court agreed to review one of Kern County's claims concerning a statute of limitation issue. The City has submitted an opposition brief due on September 23. A trial date has not been scheduled at this time. 	G. Kester D. Gilbert L. Baroldi			
	<ul style="list-style-type: none"> ▪ Imperial ▪ San Luis Obispo: Ordinance placing restrictions on Class B biosolids land application. 						<ul style="list-style-type: none"> ▪ Imperial: No updates. ▪ San Luis Obispo: Attend Board of Supervisor meeting.
	<ul style="list-style-type: none"> ▪ Solano Ordinance: Ordinance requires agencies to divert a portion of biosolids to Class A or B2E facility by 2012; annual progress reporting. ▪ Solano Measure E (1984): This measure restricts waste imported from other counties and is currently in litigation. If upheld and enforced, 90% of imported waste (up to 820,000 tpy) would be banned. ▪ AB 845, Ma, Solid Waste Place of Origin – This bill prohibits an ordinance enacted by a city or county from otherwise restricting or limiting the importation of solid waste into a privately-owned solid waste facility in that city or county based on place of origin 						<ul style="list-style-type: none"> ▪ Continue to track
	<ul style="list-style-type: none"> ▪ Kern (Measure E): A voter-approved ordinance that would prevent land application of biosolids in unincorporated parts of the county. A legal challenge was brought in state court in Jan 2011 after dismissal of a federal appeal by the 9th Circuit, in Nov 2010. A Preliminary Injunction (PI) was granted by Tulare County Judge Hicks in Jun 2011. 						
Goal: Sustain and Develop Biosolids Management Options with Focus on Sustainability							
2	FOG/Food Waste Digestion Program Regulation	<ul style="list-style-type: none"> ▪ Ensure that existing and future programs are regulated under NPDES permit framework by Water Boards rather than under SW regulations by CalRecycle. ▪ Review and comment on draft/proposed regulations that may impact existing and planned programs. 	<ul style="list-style-type: none"> ▪ CASA and Tri-TAC member agencies continue to work with CalRecycle and SWRCB to develop language to exempt POTWs from processing/storage permits and proposed NDPES permit language. 	G. Kester			
	<ul style="list-style-type: none"> ▪ CalRecycle vs. State/Regional Board oversight 						<ul style="list-style-type: none"> ▪ G.Kester discussions with Johnny Gonzales at the Water Boards, and Bob Holmes with CalRecycle.

Tri-TAC Land Committee Key Issue Summary (cont'd)

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Lead(s)	Next Steps	Due Date
3	CalRecycle 75% Recycling, Composting or Source Reduction of Solid Waste by 2020	<ul style="list-style-type: none"> May prohibit agencies from claiming recycling credits for utilizing biosolids as an alternative daily cover (ADC) for landfills. 	<ul style="list-style-type: none"> CASA and Tri-TAC continues to seek clarity on the status of the CalRecycle's plan to achieve 75% recycling goal of AB 341. In particular, the interest has been on the possibility that CalRecycle may eliminate biosolids as an alternative daily cover (ADC) at municipal solid waste landfills along with its associated recycling credits. 	G. Kester	<ul style="list-style-type: none"> G. Kester to meet with CalRecycle. 	
4	Rendering Facility Regulations <ul style="list-style-type: none"> California Department of Food & Agriculture (CDFA) 	<ul style="list-style-type: none"> Ensure that existing and planned FOG acceptance programs are not subject to rendering facility permitting requirements by CDFA. 	<ul style="list-style-type: none"> CASA and Tri-TAC working with CDFA on Slaughter House Waste exemption. 	G. Kester	<ul style="list-style-type: none"> G. Kester to follow up with CDFA regarding slaughter house exemption. 	
5	Biosolids Solid Waste Definition	<ul style="list-style-type: none"> CISWI rules could have applied to POTWs utilizing methane in an internal combustion (IC) engine. 	<ul style="list-style-type: none"> EPA released a clarification letter that it did not intend to define methane transported in a pipe for combustion in an IC engine as a solid waste. 	G. Kester	<ul style="list-style-type: none"> Ensure clarification letter is widely distributed. 	
7	FDA – Proposed Food Safety Rule	<ul style="list-style-type: none"> Proposed rule may spur potential controversy. 	<ul style="list-style-type: none"> On 1/16/13, FDA published (in the Federal Register) proposed rules for the handling, storage, and safety of produce in the U.S. The use of biosolids is mentioned in the proposed rule; use is permissible as long as it is in compliance with EPA regulations (CFR503). B. Bastian and B. Brobst (EPA staff) have offered their services in providing responses to comments received. Comments extended to September 16, 2013. 	G. Kester	<ul style="list-style-type: none"> Support proposed rule. G. Kester reviewing proposed regulations. 	
8	WEF – NBP Update	<ul style="list-style-type: none"> May impact EMS Certification Program. 	<ul style="list-style-type: none"> Ned Beecher was hired to support the EMS certification program. 	G.Kester/ V. De Lange	<ul style="list-style-type: none"> Continue to track and monitor. 	
9	Legislation Congressman Serrano – Labeling Bill	<ul style="list-style-type: none"> May impact biosolids land application. 	<ul style="list-style-type: none"> Introduced on 1/4/13, H.R. 213 Serrano - A bill to amend the Food, Drug, and Cosmetic Act and the egg, meat, and poultry inspection laws to ensure that consumers receive notification regarding food products produced from crops, livestock, or poultry raised on land on which sewage sludge was applied. Last Action: Referred to the House of Agriculture Committee on 1/4/13. 	L. Baroldi	<ul style="list-style-type: none"> Continue to track and monitor. 	
10	EPA Maximum Available Control Technology (MACT) Standards	<ul style="list-style-type: none"> Ability to comply with new regulations is currently uncertain. NACWA and NRDC filed a request for reconsideration and advance notice of possible litigation. 	<ul style="list-style-type: none"> Oral arguments were held May 3 in NACWA's litigation challenge to EPA's sewage sludge incineration (SSI) rule, with the Association aggressively challenging EPA's legal basis for its new SSI regulations. NACWA is hopeful for a ruling from the court within the next 3-4 months 	G. Kester/L. Baroldi	<ul style="list-style-type: none"> Continue to track and monitor litigation if filed. 	
11	Arsenic Cancer Slope Factor <ul style="list-style-type: none"> In Feb 2010, EPA proposed a 17-fold increase in the cancer slope factor for inorganic arsenic based on questionable interpretations of available data. 	<ul style="list-style-type: none"> If adopted, the new cancer slope factor would likely impact recycled water, effluent and biosolids limits. 	<ul style="list-style-type: none"> National Academy of Sciences is reviewing the process in which EPA used to develop the arsenic slope factors (IRIS) and the research that supported the slope factor. 	G. Kester	<ul style="list-style-type: none"> Continue to track, monitor, and comment as efforts proceed. 	
12	EPA's Proposed Electronic NPDES Reporting Requirement <ul style="list-style-type: none"> Proposed regulations will require permittees and regulators electronically report information and data related to the NPDES permit program in lieu of written reports. 	<ul style="list-style-type: none"> If adopted and among other requirements, NPDES regulated biosolids generators and handlers will be required to electronically submit data elements specific to biosolids annual program reports. 	<ul style="list-style-type: none"> Public comments on this proposed action must be received on or before October 28, 2013. 	G. Kester/T. Meregillano	<ul style="list-style-type: none"> Provide Tri-TAC comments. 	
Goal: Share Information						
13	Regional Facilities <ul style="list-style-type: none"> <u>Bay Area Agencies</u>: A coalition of 18+ agencies is developing a regional biosolids management facility. 	<ul style="list-style-type: none"> Maintain awareness of collaborative efforts to develop regional biosolids management facilities. 	<ul style="list-style-type: none"> <u>Bay Area Agencies</u>: Bay Area Biosolids to Energy: RFP currently being developed and is scheduled to be released this summer. <u>Southern CA & Central Valley</u>: 	B. Jones T. Meregillano M. Bao D. Gilbert	<ul style="list-style-type: none"> Continue to provide regional biosolids management updates. 	

Tri-TAC Land Committee Key Issue Summary

(cont'd)

Item No.	Description	Issues for POTWs	Meeting Notes/Updates	Lead(s)	Next Steps	Due Date
	<ul style="list-style-type: none"> ▪ <u>Southern CA & Central Valley</u>: Biosolids projects and facilities in Southern and Central Valley regions. ▪ <u>Inland Empire Regional Composting Facility (IERCF)</u>: Indoor composting facility located in Rancho Cucamonga, owned by LACSD/IEUA. ▪ <u>Westlake Farms</u>: Covered ASP composting facility located in Kings County, CA developed by LACSD. ▪ <u>Terminal Island</u>: The City of Los Angeles and its partners operate the Terminal Island Renewable Energy (TIRE) biosolids injection project, which is designed to reduce greenhouse gas emissions and create renewable energy. 	<ul style="list-style-type: none"> ▪ Understand challenges and lessons learned from new facilities in startup or operation. 	<ul style="list-style-type: none"> - <u>OCSD</u>: Landfill hauling operations will start this summer. - <u>Encina Wastewater Authority (EWA)</u>: EWA continue to conduct a pyrolysis trial on PureGreen pellets. The results were very positive. EWA released a RFP/RFQ, requesting proposals from prequalified firms that would supply and deliver fats, oils, grease and/or liquid food waste or other organic anaerobically digestible waste stream to a proposed receiving facility. - <u>IERCF</u>: Facility continues to operate within its permitted capacity. Modifications to material conveyance are currently in design. Construction is anticipated for summer 2012 and completion in 2013. - <u>Westlake Farms</u>: Facility is currently in construction with an anticipated startup date in 2013. - <u>Terminal Island</u>: Demonstration project continues taking average of 147 wet tons per 5 days of biosolids. Over 250 million gallons of bio-slurry material have been injected. Draft EPA permit to continue demonstrating the project for another five years is scheduled for public release and comment in October. 	B. Gillette		
14	Regional Associations Report	<ul style="list-style-type: none"> ▪ Foster partnerships between regional associations by sharing info regarding new issues of concern, lessons learned, project updates, training and educational programs, and public outreach efforts. 	<ul style="list-style-type: none"> ▪ SCAP: Planning next SCAP regional meeting in Orange County Sanitation District Joint Meeting with Tri-TAC October 10, 2013. ▪ BACWA: Joint meetings held w/Tri-TAC meetings in San Leandro. ▪ CVCWA: Joint meetings held w/Tri-TAC meetings in Sacramento. ▪ CWEA: 2013 Annual Conference (Palm Springs) April 2013 	M. Bao V. De Lange B. Gillette G. Kester J. Hay		
15	Conferences/Webinars	<ul style="list-style-type: none"> ▪ Stay abreast of upcoming conferences, local seminars, and webinars. 	<ul style="list-style-type: none"> ▪ California Bioresources Alliance Symposium, Sept 18-19, 2013 	All		
Goal: Address Emerging Issues of Concern						
16	Pyrethroids <ul style="list-style-type: none"> ▪ Pyrethroid Working Group (PWG) 	<ul style="list-style-type: none"> ▪ Potential impacts (positive/negative) to existing programs, public perceptions. ▪ May provide opportunities for direct participation in research/studies to address local concerns/issues. 	<ul style="list-style-type: none"> ▪ PWG working on Draft POTW Pyrethroid Survey Report.. 	G. Kester	<ul style="list-style-type: none"> ▪ PWG to present to Tri-TAC of findings on Sept 4th. PWG. 	
17	Trace Organics Activities <ul style="list-style-type: none"> ▪ Recognized need to fill data gaps to provide U.S. EPA data to conduct credible risk assessment on trace organics that may be present at low concentrations in biosolids. 	<ul style="list-style-type: none"> ▪ Potential impacts (positive/negative) to existing programs, public perceptions. ▪ May provide opportunities for direct participation in research/studies to address local concerns/issues. 	<ul style="list-style-type: none"> ▪ The Phase 2 report is complete and set for release by early summer. Phase 2 examined unpublished data (largely from manufacturers) to help fill data gaps for 62 constituents identified by U.S. EPA as high priority. Data was found for 29 of them. 	G. Kester	<ul style="list-style-type: none"> ▪ Phase 3 will be scoped with an RFP developed by this fall. Will need to solicit funding from across the country, because this phase will involve actual research. 	
18	Climate Change Legislation	<ul style="list-style-type: none"> ▪ Ensure development of strategic approach to climate change issues. 	<ul style="list-style-type: none"> ▪ CWCCG is focused on resolving the pricing structure approach to renewable feed-in-tariffs with the CPUC. An alternative proposal has been submitted (waiting for response from CPUC). 	G. Kester	<ul style="list-style-type: none"> ▪ Meet with the CPUC to discuss the pricing structure approach to feed-in-tariffs. 	
Goal: Maintain Awareness of Key Research Initiatives						
19	Biosolids Research WEF Biogas Study: Create a robust, consensus data set regarding the current and potential production of biogas from anaerobic digestion at WWTPs in the U.S.	<ul style="list-style-type: none"> ▪ Potential impacts (positive/negative) to existing programs, public perceptions. ▪ May provide opportunities for direct participation in research/studies to address local concerns/issues. 	<ul style="list-style-type: none"> ▪ WEF Biogas Study: Report ready by July 2013. 	G. Kester		