

**SAN DIEGO RIVER WATERSHED MANAGEMENT AREA**  
**WATER QUALITY IMPROVEMENT PLAN WORKGROUP**

**MEETING SUMMARY**

**COUNTY OPERATIONS CENTER**  
**5510 OVERLAND AVE., ROOM 451, SAN DIEGO, CA 92123**  
**WEDNESDAY, OCTOBER 25, 2017 10:00-12:00 PM**

**MEETING ATTENDEES**

<b>NAMES</b>	<b>ORGANIZATION</b>	<b>VOTING MEMBER</b>
Jim Harry	City of San Diego	Yes
Roya Yazdanifard	Caltrans	No
John Phillips	City of El Cajon	Yes
Ruth de la Rosa	County of San Diego	Yes
Joanna Wisniewska	County of San Diego	No
Jo Ann Weber	County of San Diego	No
John Quenzer	D-Max Engineering Inc.	No
Sheri Dister	Weston Solutions	No
Olin Applegate	Larry Walker Associates	No

**AGENDA ITEM 3: OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO SPEAK ON ITEMS NOT ON THE AGENDA (LIMIT TO 3 MINUTES)**

No members of the public were present.

**AGENDA ITEM 4: APPROVAL OF MEETING SUMMARIES – VOTING ITEM**

<b>DESCRIPTION</b>	<b>APPROVAL OF SDR MEETING SUMMARY (SEPTEMBER 13, 2017)</b>
<b>MOTION</b>	Motion to approve SDR Meeting Summary from September 13, 2017 with no changes
<b>MOTIONED BY</b>	John Phillips
<b>SECONDED BY</b>	Jim Harry
<b>CALL FOR DISCUSSION</b>	None
<b>CALL TO VOTE</b>	Motion Passed [3 Yes, 0 No, 0 Abstentions]

**AGENDA ITEM 5: WATER QUALITY MONITORING UPDATE**

Joanna provided the following monitoring updates:

- Bacteria TMDL sampling - September 7, 14, 21, 25, and 30. **Table 1** provides the location and indicators exceeding single sample maximum water quality objectives
  - September 7<sup>th</sup> *E. coli* sample at site SDR-FC1 was extremely high, which alerted the County of San Diego to examine what was occurring at the site. After visiting the site, it was determined that a large crow roost was inhabiting the area. After testing for human

and avian DNA markers, it was determined that bird, not human sources were most likely associated with the high concentrations of *E. coli*.

**Table 1. Bacterial Exceedances at San Diego River Sampling Locations**

Site Type	Site ID	9/7/2017	9/14/2017	9/21/2017	9/25/2017	9/30/2017
Freshwater Creek Sites	SDR-FC1*	<i>Enterococcus, E. coli, fecal coliform</i>				
	SDR-FC2*	<i>Enterococcus</i>	<i>Enterococcus, E. coli</i>	<i>Enterococcus, E. coli, fecal coliform</i>	<i>Enterococcus</i>	<i>Enterococcus, fecal coliform</i>
	SDR-CDE*	None	None	None	None	None
	SDR-MLS*	<i>Enterococcus, E. coli</i>	<i>Enterococcus, E. coli</i>	<i>Enterococcus, E. coli, fecal coliform</i>	<i>Enterococcus, E. coli</i>	<i>Enterococcus, E. coli</i>
Beach Site	FM-010**	None	None	<i>Enterococcus</i>	None	None

\* Freshwater sample results for *Enterococcus* and fecal coliform are compared to MS4 Permit receiving water limitations for creeks, which are consistent with Basin Plan single sample maximum REC-1 water quality objectives for freshwater designated beach.

\*\* Marine sample results compared to MS4 Permit receiving water limitations for beaches, which are based upon California Ocean Plan water quality objectives.

#### AGENDA ITEM 6: REGIONAL MONITORING AND ASSESSMENT REPORT (RMAR)

Sheri provided the following monitoring updates:

- Weston is currently working on the Final Draft of the RMAR. They are incorporating comments from Copermittees, and aiming to have the Draft finalized to include as part of the ROWD that is distributed in early November.
- No major changes will be made to individual chapters at this time.

#### AGENDA ITEM 8: WQIP ANNUAL REPORT

Sheri provided the following updates in a presentation to the group:

- Bacteria TMDL Monitoring
  - One year of results were reviewed for comparison to goals.
  - Results are divided as dry weather summer, dry weather winter, and wet weather.
  - Results at the beach site, FM-010, are meeting goals except for *Enterococcus* results in wet weather.
  - *Enterococcus* results in San Diego River and Forester Creek are currently not meeting goals.
  - Using historical data, trends were analyzed.
  - All trends were decreasing except, an increasing trend for *Enterococcus* and fecal coliform concentrations at the SDR-FC1 site during summer dry weather.
  - Plots of long term trends were reviewed:
    - SDR-FC1: decreasing trend during wet weather sampling.
    - SDR-FC2: less of a trend, but still shows a slight decrease.

- Three Condition Sites (equivalent to a random site, change every year) were sampled in the San Diego River Watershed. Although the sites are located in undeveloped areas of the watershed, certain chemistry results are above the WQOs (for instance: sulfite, chloride, and total nitrogen).
- Dry weather flow results:
  - Visual observations of flow by jurisdiction or participating agency.
  - Distribution of flow data.
  - Determination from the end of the sampling year regarding what outfalls are now considered persistent, transient or dry:
    - 91 outfalls are persistent; increased from 77 last year.
      - This could possibly be due to lifted irrigation restrictions, or a higher contribution of groundwater sources.
      - It is noted that the changing rainfall pattern is making it difficult to demonstrate progress towards goals.
- The exceedances of dry weather analytical data at the highest priority outfalls were reviewed.
- Results of MS4 outfall screening for trash were reviewed. John Quenzer provided an update on overall watershed strategy implementation highlights, including:
  - Preventing wastewater discharges to the storm drain system.
  - Trash cleanups.
  - Retrofit and rehabilitation projects.
  - Additional monitoring to investigate sources of dry weather flows.
- Items that will be included in the Second Draft WQIP were reviewed:
  - IDDE results, breakdown of the sources that were identified at the highest priority outfalls and other investigation locations.
  - County and City of San Diego highlights.
  - Progress to Goals and County comparison to baselines.
  - County strategy tables.
  - Planned changes to monitoring locations or frequencies.
  - Special study summaries.
  - Major findings and recommendations.
  - Executive Summary.

A discussion ensued regarding the intended audience of the Executive Summary, and the level of simplification that will be employed. Sheri mentioned that the report itself is tiered. Appendix 4 (Monitoring and Assessment) is the most technical document. The main report includes information from Appendix 4 that is simplified and summarized. The final level of simplification is the Executive Summary.

WQIP Annual Report schedule:

- Comments by November 6<sup>th</sup>.
- The second Draft Report will be distributed November 20<sup>th</sup>.

---

#### AGENDA ITEM 8: JURISDICTIONAL UPDATE

Jim updated the group that the City of San Diego met with San Diego State University. They are updating their Phase II permit and need to coordinate with Phase I permit holders. They want to attend a workgroup meeting, and will be doing so in the future.

John Phillips will have the WQIP Certification by October 27<sup>th</sup>.

Ruth mentioned that the group will need to consider the FY18-19 budget in the upcoming meetings. This includes scopes for monitoring, as well as other activities.

---

#### AGENDA ITEM 9: OTHER ITEMS

Jo Ann updated the group that as a result of the Surfer Health Study, the San Diego River Copermittees will be issued an Order by the Regional Board. The purpose of the Order is to determine the sources of human originated bacteria that have been identified using biomarkers. The Order will focus on San Diego River because that is where the data originated. The Order will first be released by the Regional Board as a Draft Administrative Order which the Copermittees will have the chance to review. The Order is based on a study that the Southern California Coastal Water Research Project (SCCWRP) is proposing. Specifically, it is a three year study (\$2.5 million+) with the purpose of better understanding the percent of bacteria of human origin that is coming from area sources (i.e. public sewer systems, homeless). Jo Ann is unsure of the exact type of Order; however, Dave Gibson with the Regional Board will be the administrator. Jo Ann mentioned that an advisory group will be initiated to meet and discuss how the Copermittees will move forward. The Order is partially due to the recent Hepatitis A outbreak that is occurring in San Diego, the Regional Board feels it is necessary to address human sources in waterways.

Regarding the budget items discussed at last month's workgroup meeting, Ruth emailed the workgroup a revised budget and budget summary that included the approval of crediting funds for modelling support to the Copermittees. The County removed the proposal to carry forward the \$250K, and instead will credit that amount on this year's invoice. Ruth reported that San Diego County approved the carryover of \$14,170 for the remainder of the monitoring year.

---

#### AGENDA ITEM 11: NEXT WORKGROUP MEETING

The next meeting was rescheduled from November 8 to November 14, 2017 from 10 – 12 pm to accommodate the WQIP Annual reporting schedule. Agenda items should be sent to Ruth and Olin by Wednesday, November 8.