

SAN LUIS REY WATERSHED MANAGEMENT AREA WORKGROUP

WATER QUALITY IMPROVEMENT PLAN WORKGROUP

MEETING SUMMARY

CITY OF VISTA CIVIC CENTER, DELPY ROOM
200 CIVIC CENTER (1ST FLOOR, ENGINEERING DEPARTMENT)
WEDNESDAY, APRIL 19, 2017, 10:00-12:00 P.M.

MEETING ATTENDEES (*VOTING MEMBERS)

- Jonathan Nottage*, City of Vista
- Adam Shapiro*, City of Oceanside
- Ruth de la Rosa*, County of San Diego
- Joanna Wisniewska, County of San Diego
- Roya Yazdanifard, Caltrans (Telephone)
- Sheri Dister, Weston Solutions
- Michelle Mattson, Weston Solutions
- Antonia Estevez-Olea, Larry Walker Associates

AGENDA ITEM 3: OPPORTUNITY FOR 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 SUMMARY FROM FEBRUARY 17, 2017 (VOTING ITEM)

The March 14, 2017, meeting summary was approved with changes to Item 6. Jonathan motioned to approve the meeting summary, seconded by Ruth. (Vote: 3-0, in favor).

AGENDA ITEM 5: MONITORING UPDATE

Sheri provided the following monitoring updates:

- The wet weather MS4 outfall monitoring is complete.
- One dry and one wet weather monitoring event are needed at the Mass Loading Station (MLS) to complete receiving water monitoring.
- One dry-weather monitoring event was conducted on March 29, 2017, for the SLR Watershed Bacteria TMDL and WQIP Lower River Monitoring Program. Dry weather monitoring is performed once a month during the wet weather season (October 1st through March 31st). **Table 1** provides locations, weather conditions, and indicators exceeding single sample maximum water quality objective.

Table 1. Bacterial Exceedances at San Luis Rey River Sampling Stations

Event	San Luis Rey River Outlet - Oceanside (OC-100) ¹	Benet Bridge ²	Camino Del Rey Bridge over San Luis Rey River (SLR25) ²
Dry Weather during wet season (October 1- March 31)			
3/29/17	None	Enterococcus	Enterococcus

¹ Monitoring at this station is required by the Bacteria TMDL.

² Monitoring at this station is part of the Lower SLR goals and is not required by the Bacteria TMDL.

Action item (s):

- Weston to remove “(Dry)” from “Benet Station (Dry)” in Figure 1 of the March SLR TMDL Report. The station is now flowing. Weston to send revised report with the next SLR TMDL report.

AGENDA ITEM 6: 2016-2017 MS4 WET OUTFALL MONITORING PRELIMINARY RESULTS

Under the San Diego MS4 regional permit¹, the SLR WMA is required to monitor five MS4 outfalls per year to identify pollutants in storm water runoff, guide pollutant source identification efforts, and determine compliance with water quality-based effluent limits (WQBELs). Michelle Mattson from Weston Solutions presented the preliminary results for the second year of the MS4 outfall monitoring.

In the 2016/2017 wet weather monitoring year (October 1st to April 30th), five stations (MS4-SLR-1 to MS4-SLR-5) were monitored for nutrients, metals, bacteria, and general and physical parameters. Two of these sites were moved after the first monitoring year, as the previous sites were prone to flooding. The preliminary results showed that enterococcus and fecal coliform exceeded the water quality based effluent limitations at all MS4 sites. The other pollutants did not exceed their respective stormwater action levels (SALs).

Sheri noted that the water quality objectives (WQOs) were used instead of the SALs to conduct the cause and contribute analysis in the RMAR SLR individual chapter. Overall, the WQOs are stricter; hence, more pollutants were identified as priorities. The County of San Diego approved the use of WQOs as this approach is more conservative.

Action Item (s):

¹ Order No. R9-2013-0001, as amended by orders Nos. R9-2015-0001 and R9-2015-0100. http://www.waterboards.ca.gov/sandiego/water_issues/programs/stormwater/docs/2015-1118_AmendedOrder_R9-2013-0001_COMPLETE.pdf

- Sheri to let SLR members know which pollutants are affected if the SALs are used instead of the WQOs.

AGENDA ITEM 7: REGIONAL MONITORING AND ASSESSMENT REPORT (RMAR)

SLR WMA members submitted comments for the SLR WMA RMAR individual chapter. The following comments were discussed during the meeting.

- Based on received comments the order of the stations will be reorganized in order of location (downstream to upstream) not ID number.
- The City of Vista asked Sheri to explain what the e-value means (“estimated-value”) and how it affects results. Sheri will follow up with the laboratory to verify that e-values are not affecting trends/results. Sheri will add information and will add footnotes to explain the e-value.
- As applicable, Sheri will update tables within the report to include data sources.
- The SLR WMA received monitoring data from the San Diego Coastkeeper (Coastkeeper). Due to unknown data quality standards, it was excluded from assessments. The group suggested meeting with Coastkeeper to help standardize protocols to ensure results are comparable with members’ data, but need to discuss internally before a decision is made.
- Joanna informed the group that based on the 2007 SLR Microbial Source Tracking study, the sanitary sewer is not a large source of bacteria during dry weather. Sources are unknown but could be attributed to natural sources (e.g., wildlife, regrowth) or anthropogenic sources (e.g., landscape and agricultural irrigation). Sheri will revise and send the pertaining section to Joanna for review.
- The County of San Diego is planning a special study to quantify the MS4 dry weather flow contributed by avocado growers. The study plan may be included in future reports.
- Sheri asked how the workgroup are dealing with ponded and transient MS4 monitoring sites. Both the County and City of Oceanside sample ponded sites to comply with permit requirements. Sheri asked the County of San Diego and City of Oceanside to review Section 3.3.1.6.

Action Item (s):

- Joanna to review monitoring tables, dry weather sources, and Section 3.3.1.6 of the SLR WMA RMAR individual chapter.
- The County of San Diego to check internally on meeting with Coastkeeper.
- The City of Oceanside to review section 3.3.1.6.

AGENDA ITEM 8: JURISDICTIONAL UPDATE

The City of Oceanside, Vista, and County of San Diego are participating in the April 22, 2017, Creek to Bay Cleanup. The City of Oceanside will have three sites along Loma Alta and one beach cleanup at Buccaneer Beach. The City of Vista will have one site and a local NGO hosted another. The County of San Diego will have multiple cleanup sites throughout the region.

The next PPS meeting is scheduled for April 20, 2017, from 1:30 to 3:30 pm. Educational material will be available for pickup.

The County of San Diego will start continuous flow monitoring at five priority MS4 outfalls with the WMA. The County will look at flow rates to determine how much flow is discharged from avocado growers.

The City of Oceanside will start its second year of continuous flow monitoring. The City plans to monitor from May 1 to September 30 as part of their pilot study.

AGENDA ITEM 9: OTHER ITEMS

The San Luis Rey Watershed Council will have a booth at the Earth Fair. They will be presenting their rain garden pilot study.

The San Diego Storm Water Resource Plan was approved by Integrated Regional Water Management (IRWM) group on April 5, 2017.

AGENDA ITEM 10: NEXT RECURRING WORKGROUP MEETING

The next recurring meeting will be on Wednesday May 17, from 10:00-12:00 pm at the City of Vista.