

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, MAY 17, 2017, 10:00-12:00 P.M.**

MEETING ATTENDEES (*VOTING MEMBERS)

- Brian Nemerow*, City of Vista
- Adam Shapiro*, City of Oceanside
- Ruth de la Rosa*, County of San Diego
- Roya Yazdanifard, Caltrans (Telephone)
- Sheri Dister, 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 APRIL 19, 2017 (VOTING ITEM)

The April 19, 2017 meeting summary was approved with changes to Item 7 and 8. Brian motioned to approve the meeting summary, seconded by Adam. (Vote: 3-0, in favor).

The following are responses to the action items from the April 19, 2017 SLR Meeting:

- Item 5: Weston updated the March SLR TMDL report to remove “(Dry)” from Figure 1. The revised report was sent to the workgroup on May 11, 2017.
- Item 6: Per the workgroup’s request, Weston used the Stormwater Action Levels (SALs) instead of the Water Quality Objectives (WQOs) in a new cause and contributes analysis for informational purposes to determine if the number of priorities changed when the SALs are used. Sheri informed the group that using the SALs did not change the priorities, but fewer exceedances were noted since SALs are less stringent. As previously discussed, the group used the WQOs to identify priorities in the RMAR.
- Item 7: Per Jon’s request, Sheri called the laboratory to investigate if the estimated-value (e-value) affects trend results. The lab informed Sheri that an e-value is added when the number of colonies is outside the range specified by the method, but the number of colonies is considered accurate. A footnote was added to explain this in the SLR RMAR individual chapter.
- Item 7: The County of San Diego met with the San Diego Coastkeeper to begin discussions on potential strategies to improve data quality so that data can be used in future assessments.

Sheri provided the following monitoring updates:

- A wet weather receiving water monitoring event was conducted at the Mass Loading Station (MLS) from May 7 to May 9, 2017. One more dry weather monitoring event is needed at the MLS station to complete receiving water monitoring for this Permit term.
- A toxicity sample was collected at the MLS station on February 19, 2017. The toxicity result showed toxicity for Selenastrum. The laboratory reported that even after filtration per the test method, some native algae were observed. It is not clear whether reduced growth of Selenastrum was due to toxic constituents or the native algae.
- Five dry-weather samples were collected at OC-100 on April 6, 13, 20, 24, and 27, 2017 for the SLR Watershed Bacteria TMDL Monitoring Program. However, sampling results collected between April 13 and April 20 may have been affected by dredging activities (refer to Item 7 additional information). Dry weather samples were collected at SLR25 and Benet Bridge for the WQIP Lower River Monitoring Program on April 6, 2017. **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
Dry³ Weather Season (April 1st – October 31st)			
4/6/2017	None	Enterococcus	Enterococcus
4/13/2017	None	NS	NS
4/20/2017	Total Coliform	NS	NS
4/24/2017	None	NS	NS
4/27/2017	None	NS	NS

NS – Not sampled (shaded)

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.

³ Dry weather monitoring is performed once a week from April 1st to October 31st.

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

The second draft of the SLR RMAR individual chapter was delivered to the SLR WMA members on May 12, 2017. Comments must be submitted by Wednesday, May 24, 2017. Sheri delivered the response to comments on April 26, 2017.

Sheri presented the preliminary results of an assessment performed to investigate how non-stormwater volumes used in pollutant load estimates for persistent flowing outfalls (non-storm) could vary based on instantaneous flow measurements. Weston used the County of San Diego's continuous flow data to estimate annual non-stormwater volumes for those outfalls. This volume was compared to the non-stormwater volumes estimated from 2, 3, 6, and 19 site visits with instantaneous flow measurements. With 19 field visits providing instantaneous flow measurements, the annual non-stormwater volume estimate still differed by as much as 500% from the estimate that included continuous flow data. Therefore, the error involved in estimating annual non-stormwater volumes from instantaneous flow measurements, even with additional field screening visits, is likely too large to provide the resolution needed to demonstrate reductions in assessing progress to goals. Weston will use findings to make regional recommendations.

Weston used regional data to identify the pollutants that persistently exceed water quality objectives throughout the San Diego region. Based on the preliminary results, bacteria, nutrients, and California Stream Conditions Index (CSCI) were regionally persistent, while toxicity, pesticides, metals and other pollutant categories were less frequently or not persistent.

The first RMAR Regional Chapter draft is being reviewed by the County of San Diego. Sheri will send the first draft to all the MS4 Copermittees by next week. The final report is due in December 2017. Due to schedule constraints, the report will not be finalized until the next fiscal year.

Action Item (s):

- SLR WMA members to review/comment on the SLR WMA RMAR individual chapter.

AGENDA ITEM 7: USACE – OCEANSIDE HARBOR DREDGING SCHEDULE

The City of Oceanside reported that the US Army Corps of Engineers performs maintenance dredging at the Oceanside Harbor every spring between April and May. The dredge material is placed on the south bank of the San Luis Rey River to maintain safe navigation for vessels and provide nourishment for the city's shoreline.

This year's dredging and beach replenishment activity may have impacted results from the SLR monitoring site during the April 13, 2017 and April 20, 2017 event. Weston field staff noted that the sample site showed signs that sand had been recently deposited/moved on April 13, 2017, but were not aware of dredging activities until April 20, 2017 when they spoke with staff involved in the

dredging operation who indicated that dredging activities would be ongoing for the next month. Samples were collected on April 20 appeared cloudy, and was gray in color with a musty odor associated with it. The samples were taken to the lab for analysis before Weston received notification from the County about the dredging. The April 13 monitoring event results did not report any exceedances. Sheri stated the field team should have contacted the Weston Monitoring Project Manager, who in turn would contact the County, to consult before samples were collected. This procedure will be followed in the future.

Adam notified the group that the dredge had a mechanical problem, so dredging was stopped for about ten days. The current contract calls for dredging to be completed by May 26, 2017. However, the dredging period may be extended due to the shutdown.

Action item (s):

- The City of Oceanside to notify Weston of dredging activities that may impact monitoring.

AGENDA 8: JURISDICTIONAL UPDATE

The City of Vista will conduct a bacteria source investigation near SLR-03 in an effort to determine the source of high bacterial counts near the storm drain.

The City of Oceanside has begun dry weather outfall monitoring.

A Program Planning Subcommittee (PPS) meeting is scheduled for May 18, 2017 from 1:30 p.m. to 3:30 pm. Ruth asked the City of Oceanside to attend/call in the meeting as the City is the SLR WMA voting member, and a vote on a budget will be required. Adam will ask someone from the City to attend the meeting.

The County of San Diego installed continuous monitoring flow meters that will collect data from May 2017 to September 2017. Weston Solution is contracted to maintain and collect data twice a month for May and June.

AGENDA ITEM 9: OTHER ITEMS

The San Diego Regional Water Board is currently reviewing the FY15-16 WQIP annual reports. A checklist is being used to determine if reports are compliant with the Permit.

The Trash Amendment Investigative Order is scheduled to be issued on June 2, 2017. The County of San Diego expects the Order to differ from the State Water Resources Control Board's template.

The next Regional Management Committee (RMC) meeting is scheduled for June 15, 2017.

AGENDA ITEM 10: NEXT RECURRING WORKGROUP MEETING

The next workgroup meeting will be on Wednesday June 21, 2017, from 10:00-12:00 pm at the City of Vista.