

Meeting Notes
San Diego County MS4 Copermittees Regional Monitoring Workgroup Meeting
Thursday, August 20, 2015 10:00 AM – 12:00 PM
County of San Diego Conference Room 472 (fourth floor)
5510 Overland Ave
San Diego, CA

Attendees:

Joanna Wisniewska – County of San Diego (Workgroup Chair)
Vivi Mai – City of Carlsbad
Marisa Soriano – City of Chula Vista
Rosanna Lacarra – LaRoc Environmental (City of Coronado)
Kelly Barker – Mikhail Ogawa Engineering (City of Del Mar)
Mayela Manasjan – City of Encinitas
Christopher Lawrence – City of Escondido
Brianna Martin – D-Max Engineering (City of National City)
Justin Gamble – City of Oceanside
Katherine Padilla – City of San Diego
Rafe Cesmat – City of San Marcos
Paul Maechler – San Diego Unified Port District
Brian Nemerow – City of Vista
Amanda Archenhold – AMEC (San Diego Airport Authority)

Anthony Cotts – Weston Solutions
Sheri Dister – Weston Solutions
Garth Engelhorn – Alta Environmental
Paul Hartman – Larry Walker Associates
Amy Margolis – Weston Solutions

Meeting Notes:

1. Introductions. (10:00 – 10:05).
2. Time for public to speak on items not on the agenda. (10:05 – 10:10). No items noted.
3. Approval of the Meeting Notes from April 2, 2015. (10:05 – 10:10). No objections noted and the meeting notes were approved.
4. Regional Monitoring Activities Update (Weston). (10:10 – 10:40).

An update of the monitoring activities was provided by Anthony Cotts in a Powerpoint presentation. A summary was also provided in a Regional Update handout (attached as pages 4-5). Since the previous meeting (4/2/15), the following monitoring has been conducted:

- A dry weather receiving water monitoring event was conducted during May 2015. All receiving water stations were successfully monitored except SDC-TWAS-2, SLR-TWAS-2, and SLR-MLS due to lack of flow. SLR-MLS sampling will be conducted during 2015-2016 or in subsequent years of the 2013 Permit when flow present is as this station is a long-term monitoring station (LTMS) requiring three wet and three dry weather events during the 2013 Permit term.
- No TIEs were recommended since toxicity was only observed during dry weather and only at sites with high conductivity and salinity (this will be discussed in the TMAR).
- Bioassessment monitoring was conducted at the MLS/TWAS locations, 3 reference locations, and 16 SMC locations (including 12 conditional sites and 4 trend sites) from April through July 2015. A list and a map of these locations were presented.
- The last 12 wet weather MS4 locations were successfully sampled during April to May 2015. All 51 locations were successfully sampled despite drought conditions.

No questions/concerns regarding monitoring.

5. Data and Information Needs for the 2nd TMAR (Weston). (10:40 – 11:10).

The next section of the agenda covering the items related to the second Transitional Monitoring and Assessment Program Report (2014-2015 TMAR) was presented by Sheri Dister (Weston Solutions). A proposed reporting schedule was presented and provided as a handout (page 6 in the current document). Meeting dates are tentative and subject to change.

An list of data and information needed from the Copermittees for this second TMAR was discussed and provided as a handout (page 7 in the current document). Comments and questions regarding the data requests can be directed to Sheri and Joanna.

The writing of all TMARs is currently underway. Fewer programs and only one year of data will be covered in this 2nd TMAR as compared to the 1st TMAR. Copies of the 1st TMARs are now available online at <http://www.projectcleanwater.org>.

6. Discussion Regarding Data Assessments for the 2nd TMAR. (11:10 – 11:30).

Provision D.4.a.(2) of the 2013 MS4 Permit requires application of WQIP priorities, numeric targets, and strategies in the assessments of receiving waters data. However, since the WQIPs have not yet been approved by the Regional Board, receiving water assessments will be conducted as they were in the 1st TMAR's; assessments of status and trends will be made using the water quality benchmarks established during the 2007 Permit term. Some uncertainty remains regarding the approach to be taken if the WQIPs are approved prior to submittal of draft TMARs.

For dry weather MS4 field screening results, most major outfalls will now have three visits and a corresponding flow determination (i.e., persistent, transient, or dry). Exceptions are new outfalls, if applicable, and jurisdictions with ≥ 125 outfalls within a watershed or > 500 outfalls total that are only required to visit sites once per year.

7. Discussion Regarding Data Sharing Templates. (11:30 – 11:40).

The data templates to be completed and submitted to Weston for data compilation in the TMARs are the MS4 Outfall Monitoring Template 101513.xlsx and the Dry Weather MS4 Assessments_final.xls.

A recommendation was made for future revisions to the data sharing template to include “NA” as a valid value for certain data fields.

The Copermittees discussed whether to consider supplementing dry weather field screening data assessments with inspection/enforcement data from other sources (e.g., hotline calls). This approach would allow jurisdictions to highlight, for example, all of their efforts in investigating and addressing irrigation runoff. Copermittees mentioned that this may cause inconsistencies with the JRMP given differences in the reporting period, but it may be appropriate to reference the JRMP as a source of additional information on efforts in addressing irrigation runoff.

The Copermittees also discussed the ICID data sharing template (ICID Investigations template 07302013.xlsx). This form was initially created as an option for Copermittees to use in order to maintain records and a database in accordance with Provision E.2.d.(2)(d) in a consistent data sharing format. Copermittees mentioned other record keeping methods and databases they currently use. The data sharing template may be useful for combining jurisdictional data by watershed under the WQIPs. This data sharing template does not need to be used or submitted for the TMARs.

8. Other Items. (11:40 – 12:00).

The Copermittees discussed whether transitional receiving water monitoring (South County only) and MS4 monitoring may need to continue in the absence of approved WQIPs or whether monitoring under the WQIP MAP should begin. The County of SD has submitted a letter to the Regional Board requesting conditional exclusion from transitional monitoring during 2015-2016. At the time of this meeting no answer has been received but the conditional exclusion has now been granted.

9. Next Meeting – Early October 2015.

The Copermittees decided to meet in October since information regarding WQIP approval may be available at that time.

Handouts

Category	Regional Update
<p>Mass Loading Station/Water Quality Monitoring</p>	<p>The 14-15 Season included transitional and long-term receiving water monitoring at 16 MLS/TWAS sites located in North County and Chollas Creek:</p> <ul style="list-style-type: none"> ▪ AHC-MLS ▪ BVC-TWAS-1 ▪ CC-SD8 / NF54 ▪ EC-MLS ▪ LA-TWAS-1 ▪ LPC-MLS ▪ LPC-TWAS-2 ▪ LPC-TWAS-3 ▪ SDC-MLS ▪ SDC-TWAS-1 ▪ SDC-TWAS-2 ▪ SLR-MLS ▪ SLR-TWAS-1 ▪ SLR-TWAS-2 ▪ SMR-MLS-2 ▪ SM-TWAS-1A/B <p>Completed 3 Wet & 3 Dry Events (LTMS):</p> <ul style="list-style-type: none"> ▪ EC-MLS ▪ LPC-MLS ▪ SDC-MLS ▪ SMR-MLS-2 <p>Completed 2 Wet & 2 Dry Events</p> <ul style="list-style-type: none"> ▪ AHC-MLS ▪ BVC-TWAS-1 ▪ CC-SD8 / NF54 ▪ LA-TWAS-1 ▪ LPC-TWAS-2 ▪ LPC-TWAS-3 ▪ SDC-TWAS-1 ▪ SLR-TWAS-1 ▪ SM-TWAS-1A/B <p>2007 Permit No Flow Sites (2 Wet & 2 Dry not performed):</p> <ul style="list-style-type: none"> ▪ SDC-TWAS-2 ▪ SLR-TWAS-2 <p>2013 Permit No Flow Site (LTMS - 3 Wet & 3 Dry not performed):</p> <ul style="list-style-type: none"> ▪ SLR-MLS <p>Hydromodification monitoring at the LTMS was completed in June 2015 with the exception of SLR-MLS.</p> <p>All receiving water data have been compiled and QC'd. Requested laboratory EDD revisions based on QC are in progress.</p>
<p>Rapid Stream Bio-assessment</p>	<p>Bioassessment field monitoring for the 14-15 Season included:</p> <ul style="list-style-type: none"> ▪ 16 MLS/TWAS Sites ▪ 3 Additional SMR Sites ▪ 3 Reference Sites ▪ SMC Participation (16 Sites) <p>Field work was conducted April-July 2015.</p> <p>SMC sites were visited a minimum of three times for the hydrologic state checklist.</p>

Category	Regional Update
Toxicity Identification Analyses	<p>The Copermittees have budgeted for three TIEs in the event significant and persistent toxicity is observed at MLS/TWAS sites in the North County during the 14-15 Season.</p> <p>No persistent significant toxicity observed at monitored MLS/TWAS during wet weather.</p> <p>During dry weather 3 sites exhibited toxicity to Ceriodaphnia dubia reproduction to potentially initiate a TIE:</p> <ul style="list-style-type: none"> ▪ AHC-MLS ▪ CC-NF54 ▪ LPC-TWAS-3 <p>Salinity values were > 1 ppt and conductivity values were above levels known to contribute to toxicity.</p> <p>These freshwater tests will no longer be run on samples with salinities > 1 ppt under the 2013 Permit.</p> <p>Previous TIEs have shown that similarly high conductivity and salinity values have caused or contributed to toxicity in freshwater samples</p> <p><u>No TIE was recommended</u></p>
MS4 Outfall Monitoring	<p>All 51 wet weather MS4 sites were successfully sampled in 14-15 Season.</p> <p>The 12 MS4 sites that still needed to be monitored as of the last meeting were captured in storm events on 4/24/2015 and 5/8/2015.</p>

2014-2015 TMAR Reporting Schedule

Deliverable	Start Date	End Date
Draft Transitional Monitoring Reports (TMARs) provided to Copermittees for Review	11/4/15	-
Draft TMAR Copermittee Review Period	11/4/15	11/24/15
Presentation of 14-15 Results to Regional Monitoring Workgroup	11/12/15	-
TMAR Comments due to Weston	11/25/15	-
Address comments and finalize TMARs	11/30/15	12/31/15
Comments consolidated by WMA	11/30/15	12/15/15
Response to comments available for review	12/15/15	12/22/15
Final TMARs submitted to Copermittees	1/6/16	-
Certification Letters Provided for TMARs	1/6/16	1/21/16
Presentation to Management Committee	1/21/16	-
Submittal to San Diego RWQCB (by Copermittee WMA Leads)	1/29/16	-
Draft Bioassessment Report provided to County/available to Copermittees for Review	11/25/15	-
County/Copermittee Review Period	11/26/15	12/18/15
Final Report provided as Appendix to TMAR	1/6/15	-

Please direct report comments to Joanna Wisniewska (County of San Diego) and Sheri Dister (Weston)

Data and Information Needs for 2014-2015 TMAR

Requested Item	Requirement	Provide by Date
Updated Major MS4 Outfall Inventory if Modified since First TMAR. Please provide GIS file or data table with coordinates.	D.4.b.(2)(b)	8/31/2015
Drainage Area Delineation for new Transitional Wet Weather MS4 Locations. Only needed for MS4 Outfalls added in 2014-2015 Monitoring Year. Cities with new sites: San Diego, Poway, Lemon Grove, and Oceanside. Please provide GIS polygon file.	D.4.b.(2)(b)	8/31/2015
Jurisdiction's Urban Runoff Area/ Total MS4 Drainage Area Boundary. GIS polygon file.	D.4.b.(2)(b)	9/10/2015
Dry Weather Field Screening Results in Data Sharing Template format	D.2.a.(1,2)	8/31/2015*
Completed MS4 Outfall Dry Weather Field Screening Monitoring Assessment form	D.4.b.(1)(b)	9/10/2015*
Comments on RW Assessment Approach for TMAR (given WQIP status).	D.4.a	8/31/2015
List of Special Studies conducted in 14-15 Monitoring Year (optional)		8/31/2015
Special Studies Monitoring Reports to include as Appendices to TMAR (optional)		12/15/2015
TMDLs Monitoring Reports to include as Appendices to TMAR	Attachment E	12/15/2015
La Jolla ASBS Monitoring Report to include as Appendix to TMAR	D.4.a.(1)(a)	12/15/2015

*Please inform Weston if you will not complete your dry weather field screening until September in order to plan on late receipt and incorporation of these data into draft report.