

Meeting Notes
San Diego Regional Monitoring Workgroup Meeting
Tuesday, May 27, 2014 10:00 AM – Noon
County of San Diego Conference Room 451 (fourth floor)
5510 Overland Ave
San Diego, CA

Attendees:

Joanna Wisniewska – County of San Diego (Workgroup Chair)
Marisa Soriano – City of Chula Vista
Tim Murphy – City of Carlsbad
Jessica Erickson – City of San Diego
Mayela Manasjan – City of Encinitas
Amanda Archenhold – AMEC (San Diego Airport Authority)
Phil Gibbons – Port of San Diego
Kelly Barker – Mikhail Ogawa Engineering (City of Del Mar)
Christian Braun – Geosyntec (City of Coronado)
Justin Gamble – City of Oceanside
Chris Helmer – City of Imperial Beach
Chris Lawarncce – City of Escondido
Brianna Martin – D-Max, Inc. (National City)
Garth Engelhorn – Weston Solutions, Inc.
Sheri Dister – Weston Solutions, Inc.
Bill Isham – Weston Solutions, Inc.

Meeting Notes

1. Introductions (10:00-10:05)
2. Approval of the Meeting Notes from February 25 (10:05-10:10): No objections noted and the meeting notes were approved.
3. Presentation (10:10-10:40): *Stormwater Monitoring Coalition (SMC) Regional Bioassessment Monitoring Program* was presented by Bill Isham of Weston Solutions. The presentation included an overview of the first five years of the SMC Regional Bioassessment Monitoring Program (2009-2013). Bill also gave an update on the California Stream Condition Index (CSCI) and how it compares to the previous biotic indices in California. The SMC Bioassessment monitoring currently underway for 2014 includes two research projects during this transitional year (2014); the trend monitoring study, and the non-perennial reference stream study. A question was asked as to whether SMC Bioassessment is required in the 2013 Permit. The answer is yes, participations in the SMC Bioassessment monitoring is required in the 2013 Permit. A copy of the presentation is provided (Attachment #1).
4. Regional Monitoring activities update (10:40 – 11:00): The following update was presented by Garth Engelhorn of Weston Solutions.

Category	Regional Updates
Mass Loading Station/Water Quality Monitoring	<p>The 13-14 Season included 13 MLS and TWAS sites located in the South County. The work satisfied the requirements of both transitional receiving water monitoring (D.1.a (1)-continuation of 2007 Permit receiving water monitoring) and long-term receiving water monitoring (D.1.b.-d.) Wet weather monitoring is complete, and the final dry weather monitoring events were conducted during the first two weeks of May 2014. The dry weather hydromodification monitoring requirement of the 2013 Permit (D.1.c.(6)) is also being addressed at the long-term receiving water stations.</p> <p>MB-TWAS-1 was not flowing (ponded) during the May 2014 dry weather event, and the site was moved 1.5 miles upstream where Rose Creek is flowing, this was also done in May 2012. Data are being compiled and QC'd at this time. The 14-15 Season will include 16 MLS and TWAS sites located in North County and will include transitional and long-term receiving water monitoring.</p>
Rapid Stream Bioassessment	<p>Sampling for the SMC non-perennial stream study at 4 sites was conducted in April 2014 and a second round of sampling is being conducted in May 2014. The compliance bioassessment (MLS/TWAS) monitoring will be complete by the end of May 2014, and the SMC trend monitoring study at 8 sites is scheduled for June 2014.</p>
Toxicity Identification Analyses	<p>One TIE was conducted at TJR-MLS due to significant and persistent toxicity to <i>C. dubia</i> survival (12/8/13 stormwater sample). Results indicated Pyrethroids as the likely causative agent of toxicity. A TIE was conducted at MB-TWAS-1 (Rose Creek) due to significant and persistent toxicity to <i>C. dubia</i> survival (2/3/14 stormwater sample). The results indicated TDS is the likely causative agent of toxicity. A TIE is currently being conducted at TJR-MLS (5/8/14 dry weather sample) due to significant and persistent toxicity to <i>S. purpuratus</i> development.</p>
Ambient Bay & Lagoon	<p>Follow up studies are scheduled for July 2014. Four lagoons had one site each with possibly impacted SQO results from Bight13' (Agua Hedionda, Batiquitos, San Dieguito, and San Diego River). A draft sampling and analysis plan for the follow-up confirmation monitoring has been developed. Each sampling site includes 3 replicate samples of benthic condition and SQO analysis on sediment samples, and 1 replicate water quality station. Additional sediment chemical analyses at San Diego River Estuary will be conducted to determine bioavailability of metals to benthic organisms: acid volatile sulfide – simultaneously extracted metals (AVS-SEM) and total sulfides.</p>
Pyrethroid Monitoring	<p>Post storm sediment pyrethroid monitoring is complete.</p>
MS4 Outfall Monitoring	<p>Wet weather sampling is completed at all 51 sites. Each jurisdiction will need to confirm site list for the 14-15 Wet Weather Season by August 2014 in order to be prepared for First Flush event.</p>

- a) A question was raised about the how often dry weather hydromodification monitoring is required under the 2013 Permit (D.1.c.(6)). It is required once per permit cycle during the long-term receiving water monitoring.
- b) Chris Helmer (City of Imperial Beach), with regard to the May 2014 dry weather TIE for TJR-MLS, recommended that dry weather flow sources at TJR-MLS be included in the Annual Report.
- c) There was a discussion regarding the follow-up confirmation monitoring at the possibly impacted sites from Bight '13 results which is scheduled for July/August 2014. The Draft Work Plan for the follow-up studies is now being reviewed and can be made available from the County of San Diego upon request. In the event that follow-up studies show continued issues, SQO plan

recommendations will be followed. Phil Gibbons of Port of San Diego inquired as to the requirements for follow-up monitoring for the Regional Harbor Monitoring Program (RHMP), which had not yet been addressed. The Port of San Diego plans to review . Jurisdictions in the San Diego Bay should be aware of the potential requirement for follow-ups if sites are fund impacted.

- d) Also discussed was the 2013 Permit requirement for a Sediment Monitoring Plan that satisfies the requirements of the State Water Board's Water Quality Control Plan for Enclosed Bays and Estuaries of California – Part 1 Sediment Quality (Sediment Control Plan). The Sediment Monitoring Plan and Quality Assurance Project Plan (QAPP) are presently being developed by Weston and will eventually be incorporated in the Water Quality Improvement Plans. The following excerpt from the Sediment Control Plan was cited:

Section VII. D (Receiving Water Limits Monitoring Frequency)

“Phase I Stormwater Discharges and Major Discharges: Sediment Monitoring shall not be required less frequently than twice per permit cycle. For Stations that are consistently classified as unimpacted or likely unimpacted the frequency may be reduced to once per permit cycle. The Water Board may limit receiving water monitoring to a subset of outfalls for Phase I Stormwater Permittees.”

A question was also raised regarding Phase II of the Sediment Control Plan regarding human health assessment, e.g., when will Phase II requirements be implemented? Phase II has not yet been approved by the State Board.

5. Presentation (11:00-11:40): *Information Needs for the San Diego County Copermittees Transitional Monitoring and Assessment Program Annual Report (TMAR)*; presented by Sheri Dister of Weston Solutions. The TMAR will include data collected during the 2012-2013 and 2013-2014 Monitoring Seasons. The presentation outlined the receiving water and MS4 data and assessment requirements that will be included in the TMAR. The presentation is attached (Attachment #2).
- a) Confirmation of RW Assessment Approach for TMAR (in Absence of WQIPs). Issues discussed included whether it was appropriate to apply existing (2007 Permit) water quality benchmarks to the receiving water data collected during 2012-2014. As the numeric goals may not yet be established per provision B.3.a. of the 2013 Permit, it was suggested that for all data collected under the requirements of (as continuation of) the 2007 Permit, the 2007 Permit numeric goals could be used to conduct the assessments and, for data collected from the Long Term Monitoring Stations pursuant the 2013 Permit, no comparisons to numeric goals would be conducted as those have not yet been established. Two other options on the table would include not comparing any of the data to numeric goals or comparing all data to Basin Plan objectives. No final decision was reached at the meeting and Copermittees agreed to resolve this issue through e-mail correspondence. Decision regarding this issue must be reached before the end of June 2014 so that Weston can have the answer ready for report preparation.
- b) Copermittees need to provide to Weston their MS4 Outfall Discharge Monitoring Station Inventories and Dry Weather Field Screening Results in Data Sharing Template format for data to Weston by June 30, 2014 (include 2013 data if not provided previously). Issue: JRMP reporting period is July 1 – June 30 while TMAR period is Oct 1- Sept 30, which would require Copermittees to provide and assess data through Sept 2014. There is insufficient time for an assessment of MS4 dry weather data through Sept 30. Therefore, recommendation is to follow JRMP reporting period for the MS4 Outfall Dry weather data, and provide data (through June 30) to Weston by August 15, 2014. The Copermittees discussed whether to include data through June 30 or September 30. Two Copermittees expressed concern that they would not be done with their

inventory by June 30. No final decision was reached at the meeting and Copermittees agreed to resolve this issue through e-mail correspondence. Decision regarding this issue must be reached before the end of June 2014 so that Weston can have the answer ready for report preparation.

- c) Copermittees asked that the data sharing templates be provided again to ensure they are using the correct ones for the transitional MS4 outfall dry weather field screening. The data sharing template is provided as an attachment and the latest version of the ICID investigations data sharing template is also attached.
- d) Sheri Dister of Weston Solutions, Inc. provided the following summary table of information requests for the TMAR which included tentative due dates.

Item	Requirement	Date
Drainage Area Delineation for Transitional Wet Weather MS4 Locations. GIS format. Previously Requested.	D.4.b.(2)(b)	6/1/2014
List of all major MS4 Outfalls with coordinates. Table or GIS file.	D.4.b.(2)(b)	6/1/2014
Confirmation of RW Assessment Approach for TMAR (in Absence of WQIPs).	D.4.a	7/1/2014
Updates to Transitional Wet Weather MS4 Stations for 2014-2015 Monitoring	D.2.a.(3)	8/1/2014
MS4 Outfall Discharge Monitoring Station Inventory and Dry Weather Field Screening Results in Data Sharing Template format for data to June 30, 2014 (include 2013 data if not provided previously).	D.2.a.(1,2)	8/15/2014
MS4 Outfall Dry Weather Field Screening Monitoring Assessment	D.4.b.(1)(b)	8/15/2014
TMDLs and CLRPs/BLRPs Monitoring Reports to include as Appendices to TMAR	D.4.a.(1)(a), Attachment F	12/15/2014
La Jolla ASBS Monitoring Report to include as Appendix to TMAR	D.4.a.(1)(a)	12/15/2014

- 6. Discussion of the Regional Reporting Budget 2014-2015 (11:40-11:45). Joanna Wisniewska outlined all of the tasks included in the budget and no issues were raised by the Copermittees regarding the budget.
- 7. Discussion regarding Transitional Monitoring Workplan for WQIPs (11:45-11:50). There is currently no plan in place for creating a workplan for the WQIPs, but the methods for the transitional monitoring will be included in the Annual Report.
- 8. Other Items: A question was raised about the future and logistics of participating in regional monitoring programs (i.e., SMC Bioassessment). As the regional monitoring workgroup may be dissolved, what would be the vehicle for communication and coordination regarding Regional Monitoring? It was agreed that the issue should be raised and discussed at the Program Planning Subcommittee meeting.
- 9. Next Meeting of the Regional Monitoring Workgroup will be in late August 2014

For updated meeting schedule, agendas and meeting summaries visit www.projectcleanwater.org