

1 **San Diego Regional Stormwater Copermittees**
 2 **Land Development Workgroup**

3 ***Meeting Notes***

Date	Location	Agenda Summary
September 19, 2017 Start time: 9:00 a.m. End time: 12:00 p.m.	County of San Diego 5510 Overland Avenue, Room 451 San Diego, CA 92123	<ul style="list-style-type: none"> • Approval of Prior Meeting Minutes • Announcements and Future Events • Non-Agenda Public Comment • Tree Wells for Pollutant Control and Hydromodification Management • Report of Waste Discharge (ROWD) • LDW Program Updates and Action Items <ul style="list-style-type: none"> ○ BMP Design Manual & Help Desk Task ○ Alternative Compliance Tools Task ○ FY 16-17 Expenditures ○ FY 17-18 Workplan and Budget ○ FY 18-19 Proposed Budget

Meeting Attendance:

Number of Voting Copermittees Represented: 10

City of Carlsbad
Jeremy Riddle

City of Chula Vista
Boushra Salem

City of Coronado
Jessie Powell

City of Del Mar
Francesca de Leon

City of Santee
Scott Johnson

City of Lemon Grove
Malik Tamimi

City of San Marcos
Doug Dowden

City of Poway
Tracy Beach

City of San Diego
Eric Mosolgo
Raymond Ngo

City of Escondido
Elizabeth Lopez
Juan Magdaraog

City of Oceanside
Ryan Rodman
Mike Strizic

County of San Diego
Jon VanRyhn
René Vidales
Sheri McPherson
Nancy Richardson
Charles Mohrlock
Diana Perez
Taylor Ryan

Port of San Diego
Christian Braun

City of Vista
Michael Hilker

City of National City
Tad Nakatani

Excel Engineering*
Samuel Bellomio

Geosyntec*
Venkat Gummadi

Amec Foster Wheeler*
David Arthur

Contech*
Noel Thurston

Michael Baker Int'l*
Miguel Avalos
(Secretary)

One vote per Copermittee.

**Indicates non-voting representative*

1 **1. Introductions**

2 Attendees introduced themselves.

3 **2. Approval of the Minutes for the July 25, 2017 meeting**

4 Group has no edits to meeting minutes from July 25, 2017 meeting.

5 *MOTION:* Approve the July 25, 2017 meeting minutes **(APPROVED)**

- 6 ♦ Moved by: Sheri McPherson (County of San Diego)
- 7 ♦ Seconded by: Boushra Salem (City of Chula Vista)
- 8 ♦ Vote: 9-0 in favor, 0 abstention (note that one voting representative arrived after the
- 9 vote)

10 **3. Announcements & Future Events**

11 Introduction of Miguel Avalos, the new LDW secretary.

12 **4. Non-Agenda Public Comments**

13 The incorporation of trash capture into the BMP Design Manual was briefly discussed. This
14 might prompt the need to also incorporate the discussion into temporary construction
15 requirements. The County asked if any thought or consideration has been given as to how the
16 process will be handled in the future. Municipalities stated that they currently simply have to
17 comply with current standards. The City of El Cajon explained they have some notion of it in
18 their standards, but have limited knowledge. It is agreed that this will be an agenda item for
19 next meeting.

20 **5. Use of Tree Wells for Pollutant Control and Hydromodification Management**

21 Jon VanRyhn (County of San Diego) presented on an exercise developed by the County of San
22 Diego (the County) that analyzed the sizing of tree wells to mitigate for hydromodification. The
23 exercise focused particularly on the effects of different sizing configurations on the DCV
24 multiplier. Additionally, the County sought to clarify the need for a more detailed determination
25 of credit volume for retention from tree wells. The current approach essentially assumed the
26 same Tree Well Credit Volume values as specified by the BMP Design Manual, regardless of the
27 different Tree Well Structural Soil Depth. The potential updated approach would require a more
28 involved credit volume calculation dependent on the impacted DCV multiplier.

29
30 When comparing the results between the current and the potential updated approaches, the
31 County found varying results depending on the tree well diameter. For diameters less than 10',
32 there was an approximate 15% reduction in required tree count. Medium sized wells (15'-20'
33 diameter) saw a reduction of required trees ranging from 2-5%, while no change was observed

1 for larger sized wells (25'-30' in diameter). Jon VanRyhn concluded that the affects, particularly
2 for tree wells greater than 10' in diameter, were essentially negligible. The County will further
3 investigate the applicability of the process for smaller sized tree wells, where a considerable
4 reduction was actually observed.

5 Scott Johnson (City of Santee) asked what limits of the structural soil were considered, and if
6 they are based on a standard detail. The County explained that the dimensions were required to
7 be configured within the canopy footprint, but the depth parameter had some variability. Jon
8 VanRyhn mentioned that the BMP Design Manual should better consolidate dimensioning
9 standards for structures. The County expects tree well details to be available within one or two
10 months.

11 Eric Mosolgo (City of San Diego) mentioned the need for a cost benefit analysis. The County
12 agreed on the need and explained that, alongside construction costs, operation and
13 maintenance costs, and inspection costs must also be analyzed.

14 Jeremy Riddle (City of Carlsbad) asked how the County proposes to process these tree wells in
15 terms of pollutant control and hydromodification management. The County explained that the
16 past project they analyzed, which cleared hydromodification requirements, allowed for the tree
17 wells to be processed and incorporated as enhanced LID features as opposed to structural
18 TCBMPs. The County explained that the intent is to simplify tracking and assured that the LID
19 BMPs are still to be separately documented, albeit less rigorously.

20 **6. Report of Wastewater Discharge (ROWD)**

21 The County urged the need to incorporate any comments and changes from the Copermittees
22 to the report. Additional updates to BMP Design Manual need to be reported to the County;
23 Copermittees are to contact Paul Hartman (LWA) with requested changes. It is agreed to keep
24 the item on the agenda to be further discussed at the next meeting.

25 **7. LDW Program Updates and Action Items**

26 *a. BMP Design Manual and Help Desk Task*

27 The next Ad-hoc BMP Design Manual group meeting is this Thursday, September 21, 2017.
28 Deliverables including updated supplemental guidance, sizing factors, bioretention soil media
29 survey, and geotechnical guidance were distributed last week. The City has since moved forward
30 in updating the manual to reflect the updated items; the changes are projected to be published
31 before the BMP Design Manual. A Public Workshop is being scheduled in approximately two
32 weeks' time. The County announced that there has been a total cost increase in the model
33 contract, with Rick Engineering serving as the consultant.

34 Help Desk questions were distributed for review. No immediate comments were presented; any
35 other comments should to be sent to Nancy Richardson or Rene Vidales (County of San Diego)

1 by the end of the week. If sent later than this week, address the edits to Reynaldo Pellos
2 (County of San Diego) at Reynaldo.Pellos@sdcountyca.gov. The Help Desk questions and
3 answers will be posted to the Project Clean Water (PCW) site.

4 *b. Alternative Compliance Tools*

5 The county discussed coming improvements including the need to better define BMP flow-
6 through treatment for non-proprietary devices along with other miscellaneous edits. The second
7 meeting is forthcoming, and further discussion will follow. A draft of the support guidance is
8 expected to be distributed in late October. Following the update, a public workshop will be held
9 early in January of 2018, with a goal to finalize the support guidance by March 2018.

10
11 Eric Mosolgo (City of San Diego) asked the County to give an update on the matter in the next
12 City meeting; the County agreed. Eric mentioned that the City recently met with the Mayor's
13 Office to finalize a few details for the Alternative Compliance Tools program including the
14 geographical limits. According to Eric, the Mayor's Office seems to be in agreement as to the
15 direction the County is heading towards and expects the details to be finalized in a few weeks.
16 The process is expected to follow a Mitigated Negative Declaration (MND) procedure. The
17 County noted that it may take longer to finalize the program if another process is followed.

18 Conversations with the Regional Board staff are still ongoing. Their input has been brief and
19 ambiguous; not much more input is expected. The County agrees risks must be limited moving
20 forward, including abiding by the Clean Water Act.

21 The County highlighted some similar issues recently discussed with Orange County
22 Municipalities. The County mentions Riverside has also shown some interest in implementing a
23 similar alternative compliance program, particularly for restoration projects. Although Orange
24 County has some sort of fundamental program, the County of San Diego has kept an open
25 discussion, willing to share any advancements and advice.

26 *c. FY 16-17 Expenditures*

27 The City of San Diego asked if all the expenditures have already been paid. The County clarified
28 that these chargers have already been documented and invoiced. Despite the fact,
29 municipalities might not see the charges until the billing is completely processed. The
30 expenditures must also first be approved by the Program Planning Subcommittee (PPS) before
31 they are invoiced to the municipalities. The County explained that the expenditures include
32 updates to the BMP Design Manual, the BMP Alternative Compliance Tools program, the Help
33 Desk Q&A, contract management, and meeting support among other things. Rene Vidales
34 (County of San Diego) mentioned that this approval will then be moved forward to the PPS for
35 additional approval. The County added that although this vote only occurs once a year, it might
36 change to once a quarter in the new fiscal year as the County improves on the billing.

1 *MOTION:* Approve FY 16-17 Expenditures for \$356,708 **(APPROVED)**

- 2 ♦ Moved by: Jeremy Riddle (City of Carlsbad)
- 3 ♦ Seconded by: Boushra Salem (City of Chula Vista)
- 4 ♦ Vote: 10-0 in favor, 0 abstention

5 *d. FY 17-18 Workplan and Budget*

6 The County of San Diego proposed crediting funds to the PPS, unless Copermittees would prefer
7 the funds to be credited back to the municipalities.

8 *MOTION:* Credit \$230,246 to the PPS (Program Planning Subcommittee) from FY 16-17 funds
9 that were not committed **(APPROVED)**

- 10 ♦ Moved by: Jeremy Riddle (City of Carlsbad)
- 11 ♦ Seconded by: Sheri McPherson (County of San Diego)
- 12 ♦ Vote: 10-0 in favor, 0 abstention

13 The County of San Diego explained the difference between the current and the proposed
14 budget. The group asked how much of last years allocated budget was actually used. The County
15 of San Diego answered that approximately half was used but urged that it is best to allocate
16 extra funds now rather than having to request additional funds later.

17 *MOTION:* Approve carry over of FY 16-17 funds of \$207,041 **(APPROVED)**

- 18 ♦ Moved by: Mike Strizic (City of Oceanside)
- 19 ♦ Seconded by: Jeremy Riddle (City of Carlsbad)
- 20 ♦ Vote: 9-0 in favor, 1 abstention

21 The group foresees changes to the BMP Design Manual, and other updates, and therefore is in
22 agreement to allocate additional funds for the updated budget.

23 *MOTION:* Approve updated FY 17-18 budget of \$507,041 **(APPROVED)**

- 24 ♦ Moved by: Boushra Salem (City of Chula Vista)
- 25 ♦ Seconded by: Juan Magdaraog (City of Escondido)
- 26 ♦ Vote: 9-1 in favor, 0 abstention

27 *e. FY 18-19 Budget*

28 The group discussed if the alternative compliance program was incorporated into the proposed
29 budget. The County of San Diego clarified that it is accounted for. Jon VanRyhn (County of San
30 Diego) suggested that it would be wiser to more evenly distribute the funds between active and
31 non-active tasks. The group agreed that more funds should be allocated for the BMP Design
32 Manual Update, rather than the BMP Alternative Compliance Tools.

- 1 **MOTION:** Approve FY 18-19 budget of \$300,000 **(APPROVED)**
- 2 ♦ Moved by: Jeremy Riddle (City of Carlsbad)
- 3 ♦ Seconded by: Christian Braun (Port of San Diego)
- 4 ♦ Vote: 10-0 in favor, 0 abstention

5 **8. Action Items**

	Action Item	Responsible Party	Timeline
1.	Review the draft of the Help Desk Q&A Log and send any comments to Nancy Richardson or Rene Vidales (County of San Diego) by the end of the week, September 22, 2017. If sent after this week, contact Reynaldo Pellos (County of San Diego) at Reynaldo.Pellos@sdcountyca.gov	All Copermittees	09/22/2017

6 **9. Next Meeting**

7 The next LDW meeting is tentatively scheduled for November 28, 2017.