

ATTACHMENT 2.1

SWMP INVENTORIES

Contents

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2.1.1 DPW Private Development SWMP Inventory
JURMP Annual Report FY 2011-12

[Annual Report Sec. B.2]									B.4	B.6	B.7	B.8	B.9	
NPDES Permit Section J.3.a.(3)(a)iii.									J.3.a.(3)(a)vi.	J.3.a.(3)(a)xi	J.3.a.(3)(a)xiv.	J.3.a.(3)(a)xv.	J.3.a.(3)(a)xvi.	
Project ID	Projects (Approved But Permit not Issued Yet)	APN	Permit Number	Project type	Project Number	Watershed	Plans Approved	SWMP Type (Major/Minor)	Low efficiency TCBMP Y/N?	SUSMP Waiver Y/N?	HMP Y/N?	Type TCBMPs Used	If no HMP, Why?	> 50acres Interim HMP Y/N?
1	Alvarado Medical Center	103-246-08-00	2540-4746	Centerline Plan Review	UY 4746	902.13	2/8/2012	Major	No	No	No	Pervious Pavement, Veg Swale	*	No
2	TPM 20999	133-290-03	TPM 20999	private road	TPM 20999	903.22	7/1/2012	Major	No	No	Yes	Bioretention Basin		No
3	Greenhouse - Glenn Abbey Memorial Park Rd	184-181-04	L-15579	Grading	L-15579	904.32	4/27/2012	Major	No	No	No	Vegetated swales, Detention dry pond	Exempt - No Added Imp Surface	No
4	Lago de San Marcos	221-500-28	2140-5388	Major Sub Plan Review	TM 5388	904.52	6/8/2012	Major	No	No	No	Swales, pervious paving, detention.	Exempt - Direct Discharge to Lake San	No
5	Cemetary - Glenn Abbey Memorial Park Rd	592-040-10	L-15589	Grading	L-15589	909.12	5/15/2012	Major	No	No	Yes	Bioretention		No
6	Bonita Valley Christian center	593-042-13, 18, & 26	L-15634	Grading for church expand	MUP78-016	909.12	7/6/2012	Major	No	No	No	Bioretention	Exempt - No Added Imp Surface	No
						Total Major SWMPS		6						
1	TPM 19907	524-010-9, 10, & 11	L-15619	pad & DG road grading	TPM 19907	909.31	4/27/2012	Minor	N/A	N/A	No	N/A	Minor SWMP	No
2	Restoration grading plan	527-100-08	L-15647	Restoration	L-15647	911.6	6/8/2012	Minor	N/A	N/A	No	N/A	Minor SWMP	No
						Total Minor SWMPS		2						
* Proposed porous paving puts the overall impervious paving to less than 5,000 s.f., making this project a non PDP.														
Project ID	Projects That Required Recorded Maintenance Agreement		Project Number		Maintenance Agreement Recorded Date									
*	All major SWMP projects require recorded agreements		All project listing Major SWMP type		Not recorded because permit has not yet been issued.									
4	Lago De San Marcos		TM 5388		7/20/2012									

2.1.2 DPW Capital Improvement Project SWMP Inventory
JURMP Annual Report FY 2011-12

[Annual Report Sec. B.2] NPDES Permit Section J.3.a.(3)(a)iii.				B.4 J.3.a.(3)(a)vi.	B.6 J.3.a.(3)(a)xi	B.7 J.3.a.(3)(a)xiv.		B.8 J.3.a.(3)(a)xv.	B.9 J.3.a.(3)(a)xvi.
No.	PROJECT NAME	SWMP TYPE (Major/Minor)	WATERSHED	Low efficiency TCBMP Y/N?	SUSMP Waiver Y/N?	HMP Y/N?	BMPs Used	If no HMP, Why?	> 50acres Interim HMP Y/N?
1	Bear Valley Road North	Major	904.62	N	N	Y	Bioretention basin/trenches	N/A	N/A
2	Bradley Avenue/SR67 Interchange and Road Widening Project	Major	907.13	Y	N	N	Catch Basin Inserts	Prior Approval*	N/A
3	Gillespie Field Access Road	Major	907.13	N	N	N	Infiltration trench, catch basin inserts	Stormwater is discharged to a concrete-lined segment of Forester Creek	N/A
4	Palomar Airport Taxiways	Major	904.4	N	N	N	Catch Basin Inserts	No increase in impervious area	N/A
5	Pine Creek & Old Hwy 80 Intersection Improvements	Major	911.41	N	N	Y	Bioretention basin	N/A	N/A
6	Alpine Blvd Ph2 Improvements	Major	907.32	N/A	N	Y	HPM devices (10 approx), not yet designed. Geomorphic assessment of receiving waters is being performed to determine low flow threshold.	N/A	N/A
7	Knottwood Way Extension	Major	903.12	N	N	N	N/A	Prior Approval*	N/A
8	San Vicente Road	Major	905.4	N	N	Y	Bioretention Facilities and Infiltration Facilities or Practices	N/A	N/A
9	Otay Mesa Road	Major	911.12	N	N	Y	Bioretention basin	N/A	N/A
10	Camino Del Ray & Old River Road	Major	903.12	N	N	N	N/A	Discharges to exempt waterbody	N/A
11	Lone Star Road	Major	910.2	N	N	Y	Bioretention basin	N/A	N/A
12	Buckman Springs Road/Oak Drive Intersection	Major	911.7	N	N	Y	Bioretention & Inlet Stenciling	N/A	N/A
13	Buckman Springs Road Bridge	Major	911.6	N	N	Y	Pending	N/A	N/A
14	Pamo North Bridge	Major	905.52	N	N	Y	Pending	N/A	N/A
15	Live Oak Park Road Bridge	Major	903.12	N	N	Y	Pending	N/A	N/A
16	13th Street Bridge	Major	905.41	N	N	Y	Bioretention basin	N/A	N/A
17	Quarry Road Bridge	Major	909.12	N	N	Y	Pending	N/A	N/A
18	Dye Road Extension	Major	905.41	N	N	Y	Pending	N/A	N/A
19	Ramona Street Extension	Major	905.41	N	N	N	Pending	Prior Approval*	N/A
Total Major Projects		19							
20	Palomar Airport Stairway	Minor	904.4	N/A	N	N	N/A	N/A	N/A
21	Woodside Avenue Drainage Improvements	Minor	907.12	N/A	N	N	N/A	N/A	N/A
22	Wing Avenue Channel Improvements	Minor	907.13	N/A	N	N	N/A	N/A	N/A
23	San Vicente Road Drainage Improvements	Minor	905.41	N/A	N	N	N/A	N/A	N/A
24	Calavo Drive Drainage Improvements	Minor	909.21	N/A	N	N	N/A	N/A	N/A
25	Division 1 Headquarters Signalized Entrance	Minor	909.21	N/A	N	N	N/A	N/A	N/A
26	Emery Road Curve	Minor	911.81	N/A	N	N	N/A	N/A	N/A
27	Aliso Canyon Road	Minor	904.61	N/A	N	N	N/A	N/A	N/A
28	Alpine Blvd Capped Drainage & Paving	Minor	907.32	N/A	N	N	N/A	N/A	N/A
29	Jamacha Blvd. Sidewalks	Minor	909.1	N/A	N	N	N/A	N/A	N/A
30	Lakeview Road Sidewalks	Minor	907.12	N/A	N	N	N/A	N/A	N/A
31	Grove Street Sidewalks Phase 2	Minor	909.12	N/A	N	N	N/A	N/A	N/A
32	W. Alvarado Sidewalks	Minor	902.13	N/A	N	N	N/A	N/A	N/A
33	Ammunition Road Sidewalks	Minor	902.13	N/A	N	N	N/A	N/A	N/A

2.1.2 DPW Capital Improvement Project SWMP Inventory
JURMP Annual Report FY 2011-12

[Annual Report Sec. B.2] NPDES Permit Section J.3.a.(3)(a)iii.				B.4 J.3.a.(3)(a)vi.	B.6 J.3.a.(3)(a)xi	B.7 J.3.a.(3)(a)xiv.		B.8 J.3.a.(3)(a)xv.	B.9 J.3.a.(3)(a)xvi.
No.	PROJECT NAME	SWMP TYPE (Major/Minor)	WATERSHED	Low efficiency TCBMP Y/N?	SUSMP Waiver Y/N?	HMP Y/N?	BMPs Used	If no HMP, Why?	> 50acres Interim HMP Y/N?
#####	Bridge Preventative Maintenance 2 (Various)	Minor	903.12, 909.33, 909.31, 910.36	N/A	N	N	N/A	N/A	N/A
#####	Bridge Preventative Maintenance 3 (Various)	Minor	911.3, 905.54, 903.13	N/A	N	N	N/A	N/A	N/A
#####	Bridge Preventative Maintenance 4 (Various)	Minor	904.62, 909.31, 722.72	N/A	N	N	N/A	N/A	N/A
#####	Lawson Valley Road Bridge over Lawson Creek West	Minor	909.21	N/A	N	N	N/A	N/A	N/A
#####	Willows Road Bridge over Viejas Creek Scour Study	Minor	909.33	N/A	N	N	N/A	N/A	N/A
#####	Flinn Springs Interceptor Sewer I	Minor	907.14	N/A	N	N	N/A	N/A	N/A
#####	Spring Valley Outfall Sewer, Manholes 23-31	Minor	909.12	N/A	N	N	N/A	N/A	N/A
#####	Trunk D Sewer Improvements	Minor	909.12	N/A	N	N	N/A	N/A	N/A
#####	Flinn Springs Road Pathway	Minor	907.14	N/A	N	N	N/A	N/A	N/A
#####	Laurel St. Sidewalks	Minor	907.12	N/A	N	N	N/A	N/A	N/A
#####	Descanso Pathway	Minor	909.34	N/A	N	N	N/A	N/A	N/A
#####	Lakeview Road Sidewalks Phase II	Minor	907.12	N/A	N	N	N/A	N/A	N/A
49	Lakeview Road Sidewalks Phase III	Minor	907.12	N/A	N	N	N/A	N/A	N/A
Total Minor Projects		30							
Total All Projects		49							

* Ramona Street: Received Mitigated Negative Declaration (MND) and Resolution accepting easement dedication on June 25, 2008.
 Knottwood Way: 100% PS&E completed 11/19/10 and MND approved by BOS 9/16/09
 Bradley Avenue: Negative Declaration (no significant impact finding) signed May, 2008

**2.1.3 -DPR Capital Improvement Project SWMP Inventory
JURMP Annual Report FY 2011-12**

[Annual Report Sec. B.2] NPDES Permit Section J.3.a.(3)(a)iii.						B.4 J.3.a.(3)(a)vi.	B.6 J.3.a.(3)(a)xi	B.7 J.3.a.(3)(a)xiv.		B.8 J.3.a.(3)(a)xv.	B.9 J.3.a.(3)(a)xvi.
#	PROJECT NAME	ADDRESS	APN	SWMP TYPE (Major/Minor)	WATERSHED	Low efficiency TCBMP Y/N?	SUSMP Waiver Y/N?	HMP Y/N?	TCBMPs Used	If no HMP, Why?	> 50acres Interim HMP Y/N?
1	LIVE OAK PARK IMPROVEMENTS PROJECT	2746 RECHE ROAD, FALLBROOK, CA 92028	1072504100 & 1072602700	Minor	903.12	N	N	N	N/A	Not a PDP	N/A
2	FELICITA PARK IMPROVEMENTS	742 CLARENCE LANE, ESCONDIDO, CA 92025	2383800600	Minor	905.23	N	N	N	N/A	Not a PDP	N/A
3	SWEETWATER LANE EXERCISE STATIONS	1312 SWEETWATER LANE, SPRING VALLEY, CA 91977	5781806000	Minor	909.12	N	N	N	N/A	Not a PDP	N/A
4	LAMAR PARK DOG PARK/MASTER PLAN	3180 BANCROFT DR, SPRING VALLEY, CA 91977	5031923200	Minor	909.12	N	N	N	N/A	Not a PDP	N/A
5	SWEETWATER REGIONAL PARK PARKING LOT	3218 SUMMIT MEADOW RD, BONITA, CA 91902	5900601700	Minor	909.12	N	N	N	N/A	Not a PDP	N/A
6	SWEETWATER RIVER TRAIL SEGMENT III	BONITA BLVD., BONITA CA	MULTIPLE	Minor	909.12	N	N	N	N/A	Not a PDP	N/A
7	DESCANSO ELEMENTARY FITNESS TRACK	24842 VIEJAS BLVD., DESCANSO, CA 91916	4080501900	Minor	909.34	N	N	N	N/A	Not a PDP	N/A
8	PALM AVE TO OVRP TRAIL	2592 PALM AVE., SAN DIEGO, CA 92154	6280506900	Minor	910.2	N	N	N	N/A	Not a PDP	N/A

[Annual Report Sec. B.2] NPDES Permit Section J.3.a.(3)(a)iii.						B.4 J.3.a.(3)(a)vi.	B.6 J.3.a.(3)(a)xi	B.7 J.3.a.(3)(a)xiv.		B.8 J.3.a.(3)(a)xv.	B.9 J.3.a.(3)(a)xvi.
No	Project Name (Oracle Number)	Address	Dist	SWMP Type (Major/Minor)	Watershed	Low efficiency TCBMP Y/N?	SUSMP Waiver Y/N?	HMP Y/N?	BMPs Used	If no HMP, Why?	> 50acres Interim HMP Y/N?
1	COC Development Phase 1B (1011214)	5555 Overland Ave. San Diego, CA 92123	4	Major	907.11	No	No	No	Bio-swale, Existing Porus Pavement, Existing Campus Stormwater Treatment	Prior Approval BoS approval 01/27/09	No
2	COC Development Phase 1C	5555 Overland Ave., San Diego, CA 92123	4	Major	907.11	No	No	No	Bio-swale, Existing Porus Pavement, Existing Campus Stormwater Treatment	Prior Approval BoS approval 04/13/10	No
3	SD County Women's Detention Facility (1000159)	9000 Cottonwood Ave. Santee, CA	1	Major	907.12	No	No	No	Bioretention Areas, Vegetated Swales (Planned)	Exempt due to direct discharge to SD River.	No
4	CAC Waterfront Park (1000042)	1600 Pacific Highway San Diego, CA 92101	4	Major	908.21	No	No	TBD	TBD	TBD	No
5	East Mesa Detention Re-Entry & Re-hab Facility	446 Alta Road San Diego, CA 92158	1	Major	910.20	No	No	Yes	TBD	N/A	No
				Total Major	5						
1	Cardiff Library Expansion (1000162)	2801 New Castle Ave. Cardiff, CA	3	Minor	904.61	N/A	No	No	N/A	N/A	No
2	Cedar-Kettner Parking Structure (1015093)	734 West Beech Street San Diego 92101	4	Minor	908.21	N/A	No	No	N/A	N/A	No
3	Lincoln Acres Library (1012133)	2725 Granger Ave. National City, CA 91950	1	Minor	909.12	N/A	No	No	N/A	Prior Approval BoS approval 11/18/08	No
4	South County Replace Cat Housing (1014126)	5821 Sweetwater Road Bonita, CA 91902	1	Minor	909.12	N/A	No	No	N/A	N/A	No
5	South County Animal Services Multi-Purpose Barn (1014127)	5821 Sweetwater Road Bonita, CA 91902	1	Minor	909.12	N/A	No	No	N/A	N/A	No
6	Pine Valley Sheriff Substation	28848 Old Highway 80, Pine Valley, CA 91962	2	Minor	911.41	TBD	No	Yes	TBD	N/A	No
				Total Minor	6						

ATTACHMENT 2.2

Educational and Notification Materials

Contents

2.2.1 Land Development Newsletters



Land Development News

County of San Diego
Department of Public Works
October 2011

Ken Brazell, Project Manager, DPW Review Teams **Request for an Exception to a Road Standard**

The Department of Public Works (DPW) is responsible for reviewing proposed construction of new roads and connection(s) to existing public roads by private projects. Success of this effort relies, in part, on early identification and effective mitigation of any adverse road conditions or sight distance limitations that are caused or worsened by new development projects. To facilitate consistency in this effort, the County has established Public Road Standards and Private Road Standards. As with most "standards," these standards are not intended to be a substitute for engineering knowledge, experience or judgment, and it is not possible to anticipate all future situations and prescribe standards that work in every circumstance. While the Public and Private Road Standards are applicable to a large majority of cases, there will be situations where exceptions to these standards are appropriate. However, it is the intent of DPW that the highest possible standard be met.

Sometimes specific design or construction problems are not recognized during the review of a project prior to the conditional approval. A project proponent may submit a written request for an exception to a road standard to DPW. Details must accompany the request, including location of the requested exception, alternatives considered, hardship of compliance with standards, cost, estimates and other appropriate justification.

DPW staff will evaluate appropriateness of the requested exception and will recommend an action to the Director. The Director or his designee will review staff's recommendations and make a final recommendation regarding the exception request.

Recommendation for approval of requested exception by the Director or his designee indicates DPW support, but additional actions may be required to affect a change to specific project conditions. In some cases, DPW may forward the exception request to the local planning group for input. The exception process does not eliminate the need for Revised Map, Revised Tentative Parcel Map, Plan Change, or Map Modification; and if necessary additional environmental studies and/or documentation. [NOTE: The Department of Planning & Land Use will compare the existing lot/parcel zoning to the General Plan Update for consistency.]

Derek Gade, DPW PDCI Program Manager **Board Approved Subdivision Process Improvements**

On October 12, 2011, the Board of Supervisors approved Public Work's recommendation to make amendments to the Subdivision and Grading ordinances and two Board Policies. These changes intend to ensure improvements are made timely to address CEQA requirements, simplify extensions and adjustments of the improvement agreements to allow developers to keep them current, and secure the appropriate performance security for each project in order to ensure all the improvements get completed. For detailed information on this action, you can obtain the Board recommendation at the following site:



<http://www.sdcounty.ca.gov/cob/bosa/index.html>

(Choose the October 12 Board date for the regular meeting and review Item #12. One revision to the original recommendation was made on Board Policy I-19. Attached is the Errata that was approved by the Board.)

DPW staff has developed an action plan to implement these approvals. Some of the approvals will have immediate impacts and those are being addressed on current projects in process. Some of the immediate impacts are as follows:

- 1) Requirement for temporary easements on projects moving forward for final map approval
- 2) Allowing Change of Ownership and adjustments of securities for current improvement agreements. (Board Policy I-21)
- 3) New maximum bond reductions (Board Policy I-19)

DPW staff is working on finalizing revisions of templates, conditions, and procedures and initiating internal training. More information will be forthcoming.

If you have questions on this issue, please contact a Private Development Construction Inspection representative at (858) 694-3165 or via email at grading@sdcounty.ca.gov.

Attached: October 12, 2011 Errata

Jeremy Fantaroni, DPW Watershed Protection **Hydromodification Management Plan Requirements**

On January 8, 2011, most Priority Development Projects (PDPs) in the unincorporated portions of the County of San Diego are required to implement hydrologic control measures to satisfy the final Hydromodification Management Plan (HMP) criteria. These new requirements were imposed throughout the region by the San Diego Regional Water Quality Control Board as a condition of Regional Board Order No. R9-2007-0001, NPDES Permit No. CAS0108758 (hereinafter "Stormwater Permit").

The Stormwater Permit allowed for a phased implementation of the HMP requirements by tightening the scope of PDPs subject to regulation over time. From about March 2008 until January 8, 2011, Interim Hydromodification Criteria generally defined PDPs as projects that disturb 50 acres or more. Starting on January 8, 2011, the definition of PDPs was expanded to include most development projects that result in 5,000 or more square feet of impervious surface or 1 acre or more of land disturbance. The definition of a PDP is set forth at Section 67.802 of the County Code and in the SUSMP and Stormwater Permit.

In general, all PDPs must either:

1. Demonstrate that the project is not a PDP or demonstrate PDP is exempt based on the final HMP exemption criteria; or
2. Demonstrate the project is grandfathered as a result of the commencement of grading or construction activities prior to January 8, 2011; or



3. Demonstrate the project has prior lawful approval and submit an infeasibility analysis for WPP review and approval; or
4. Demonstrate the private development project has a vested right to proceed without compliance by operation of law; or
5. Comply with current HMP criteria.

Projects not yet complete before January 8, 2011, but under some sort of County review or oversight at that time may possibly, under certain circumstances, be eligible to be excused from complying with current HMP requirements. This could be because the project owner has obtained a vested right as a result of the operation of law or because of some exception authorized by the MS4 Permit or other implementing authority. Please verify with County staff if you believe your project may be exempt from HMP requirements.

Terry Connors, DPW County Surveyor

Monument Removal – B&P Code vs. Board Action

We are often asked, “When am I authorized to remove a survey monument; either my own or that of another?”

The California Business & Professions Code Sections 8725 (Necessity of License), and 8764 (Record of Survey), both use the wording “remove” and “removed” in their language.

While it is clearly obvious that when a monument is lost to construction or damaged beyond repair, a licensed land surveyor is well within his purview to replace (remove and perpetuate) the monument and its location under the Code (Reason for Corner Records). The answer becomes less clear in situations when the surveyor disagrees with the location of another surveyor’s existing monument or realizes that he/she set their monument(s) in the wrong location.

The County Surveyor’s office relies heavily on a 2004 State Board of Registration citation issued to an individual surveyor who removed a similar type of monument. While the exact actions are not identified in the citation, the Board makes a compelling argument against removal of a monument by stating: “The standard of practice is to leave the monument in place, identify it on the survey map, and show its position and relationship has been determined to be the correct location” [Emphasis added]. This practitioner was additionally ordered to practice land surveying within the standard of practice for the profession.

If you have any questions, please contact Terry Connors at (858) 694-3869, or email at Terry.Connors@sdcounty.ca.gov.



Land Development News

County of San Diego
Department of Public Works
March 2012

Nick Ortiz, Project Manager, DPW Transportation Planning **Transportation Impact Fee (TIF) Update**

The August 2011 adoption of the County's General Plan initiated the next phase in the County TIF Update. Land Development staff and our consultants have been working for several months on the TIF Update whose primary purpose is to make the program consistent with the adopted General Plan. Staff is preparing program options for the Board of Supervisor's consideration. This item is planned to go to the Board on either May 9 or June 20, 2012.

Land Development staff has begun a second round of public outreach with a series of External Stakeholder meetings. At the External Stakeholder meetings, DPW staff and project consultants will be discussing various TIF program options that will be presented to the Board for their consideration and to obtain public input. A staff preferred/proposed program will not be presented to the Board. The purpose of the Board hearing will be for staff to present program options and receive direction from the Board. The Board will not be requested to approve a proposed TIF program and revised Ordinance at the initial Board hearing in May or June. Staff will receive direction from the Board that will enable us to proceed with the preparation of the revised Ordinance and supporting documentation for consideration at a subsequent hearing.

The Draft 2012 TIF Update technical documents, background information, a description of the program options, draft fee rate information and TIF Improvement Facilities information are now available on the County's TIF web page for review and can be found at the link below. We will update this site periodically ahead of the Board hearing, so we encourage you to check back occasionally for any new information.

<http://www.sdcounty.ca.gov/dpw/land/tif.html>

Derek Gade, DPW PDCI Program Manager **County's Pavement Cut Policy**

In an effort to protect the investments made through road improvements and the desire to want to get the full service life of a roadway, the County had implemented a "Pavement Cut Policy" in June, 2000. This policy impacts all parties including the County that have plans to implement improvements where within the last three years a "pavement treatment" has been made to a County maintained or a Permanent Road Division (PRD) / Customer Service Area (CSA) road. A "pavement treatment" could be asphalt concrete treatments, chip seals, or slurry seals.

If you have an urgent need to perform repair work on a road under this requirement, you would need to submit a right of way encroachment permit and through a signed letter of appeal request an exception from the Director of Public Works to this policy. If approved, you would be required to replace the full width of the affected roadway using the same treatment method to ensure a full and consistent surfacing is replaced.



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For more information on this policy, please see <http://www.sdcountry.ca.gov/dpw/roads/mainroad.html>. For more information on which roads are considered to be covered under this policy, please visit the Department of Land Use's Permit Counter or contact the DPW Roads at (858) 874-4040.

If you have questions on this issue, please contact a Private Development Construction Inspection representative at (858) 694-3165 or via email at grading@sdcounty.ca.gov.

Cid Tesoro, DPW Watershed Protection Program Manager **Geomorphic Assessments**

The purpose of the Hydromodification Management Plan (HMP) is to provide guidelines for managing the geomorphically significant flows that, if not controlled, would cause increased erosion in receiving water channels. Among the most important factors that determine a channel's susceptibility to erosion are bed material, armoring potential, and grade. To understand the impacts of these factors requires a geomorphic assessment which is a component of the flow control performance criteria detailed in the County's HMP. The HMP identifies upper and lower flow thresholds that are most likely to cause erosion or sediment transport in susceptible channels.

These flow thresholds can be controlled by ensuring that post-project flow rates and durations do not exceed pre-project levels. The upper flow threshold is defined as the 10-year runoff event (Q_{10}). The lower flow threshold is defined as a percentage of the 2-year runoff event (Q_2). The lower flow threshold can be one of three potential percentages based on channel susceptibility: $0.1Q_2$ (high susceptibility to erosion), $0.3Q_2$ (medium susceptibility to erosion), or $0.5Q_2$ (low susceptibility to erosion). The default value that all projects should use is $0.1Q_2$ unless a geomorphic assessment is submitted justifying a threshold other than the default of $0.1Q_2$.

If a project applicant chooses to conduct a geomorphic assessment, field investigations must be conducted pursuant to the channel screening tools. The project applicant would also use the critical shear stress calculations to assist in determination of the predicted lower flow threshold. These calculations work in conjunction to determine the lower flow threshold for a given site. The screening tool is located in Appendix B of the County's [HMP](#) and the critical shear stress calculation has been integrated into the [BMP Sizing Calculator's](#) Point of Compliance (POC) tab.

A geomorphic assessment must be approved by the County prior to submitting the project's HMP Study (Attachment H of the Major Stormwater Management Plan (SMWP)). Please notify your County project manager prior to conducting a geomorphic assessment.

If you have any questions about this information, please contact Cid Tesoro at (858) 694-3672, or email at Cid.Tesoro@sdcounty.ca.gov.

Terry Connors, DPW County Surveyor **Construing the descriptive part of a conveyance - Civil Code Section 2077**

Many land surveyors or civil engineers, authorized to practice land surveying, may not be aware of all of the Civil Code rules used primarily by the courts to construe meanings from the



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descriptive parts of a conveyance of real property when it contains doubt or ambiguity and there are no other sufficient circumstances upon which to make a determination. The rules are as follows:

- 1) Where there are certain definite and ascertained particulars in the description, the addition of others which are indefinite, unknown, or false, does not frustrate the conveyance, but it is to be construed by the first mentioned particulars.
- 2) When permanent and visible or ascertained boundaries or monuments are inconsistent with the measurement, either of lines, angles, or surfaces, the boundaries or monuments are paramount.
- 3) Between different measurements which are inconsistent with each other, that of angles is paramount to that of surfaces, and that of lines paramount to both.
- 4) When a road, or stream of water not navigable, is the boundary, the rights of the grantor to the middle of the road or the thread of the stream are included in the conveyance, except where the road or thread of the stream is held under another title.
- 5) When tide water is the boundary, the rights of the grantor to ordinary high-water mark are included in the conveyance. When a navigable lake, where there is no tide, is the boundary, the rights of the grantor to low-water mark are included in the conveyance.
- 6) When the description refers to a map, and that reference is inconsistent with other particulars, it controls them if it appears that the parties acted with reference to the map; otherwise the map is subordinate to other definite and ascertained particulars.

All surveyors writing legal descriptions should keep these rules in mind because they may affect the property your client owns or grants in the future.

If you have any questions, please contact Terry Connors at (858) 694-3869, or email at Terry.Connors@sdcounty.ca.gov.



Land Development News

County of San Diego
Department of Public Works
May 2012

Nick Ortiz, DPW Transportation Planning Project Manager **Transportation Impact Fee (TIF) Update**

DPW Land Development staff continue to prepare for the June 27, 2012 TIF Update County of San Diego (County) Board of Supervisors' (Board) hearing, at which the Board will consider three program options: 1) Residential/Non Residential Credit; 2) Residential Credit Only; and 3) Built-in Credit. All three options: 1) result in overall lower residential and non-residential fees when compared to current program; 2) maintain CEQA compliance for mitigating cumulative impacts; and 3) maintain TransNet Ordinance compliance and TransNet funding eligibility by collecting \$2,165 per residential unit. No staff preferred/proposed program option will be identified. The Board will be requested to provide staff with direction on the preferred program option.

Over the last couple of months, DPW staff have been focused on public outreach efforts which have consisted of several Stakeholder meetings and the creation of the TIF Update 2012 web page (link below).

<http://www.sdcountry.ca.gov/dpw/land/tifupdate2012.html>

The web page contains a variety of information regarding the TIF Update such as fee rate tables, TIF Eligible Facilities maps & tables, FAQ, and the Draft Transportation Needs Assessment. Staff will continue to augment and update web page information as new information becomes available and in response to public comments and questions.

John Thomas, DPW PDCI Senior Civil Engineer **Constructability Issues with Regional Standard Drawing D-40 Applications**

One of the most common of all drainage structures is the Rip Rap Energy Dissipater; aka rock slope protection. We refer you to the San Diego Regional Standard Drawing (Standard Drawing), D-40. Since this structure is often used in grading plans, it is important during design to consider the desired effect.

Where run-off is redirected and/or concentrated for protection of slopes, pads, streets, etc. from potential erosion, the person responsible for the change should return the run-off to its original, or as nearly as possible to original, condition in quantity, quality and nature of flow. Drainage outfall structures are designed to help accomplish this, and the D-40 is the most commonly selected structure.

The County has encountered some deficient D-40 installations. The most common deficiencies relate directly to the concrete sill (Type 1).



In order to best review these deficiencies, we should look at the purpose of this sub-structure. The concrete sill called for in the Standard Drawing is intended to act as a weir to alter condition of the released water from concentrated to sheet-flow.

Accordingly, these three principles should be considered in selection, design and construction of the concrete sill:

1. The concrete sill should be constructed only where the run-off would naturally sheet-flow downstream of the outlet.
2. The sill should be constructed so as to be level and flush with the surface of the ground, allowing the water to run over its surface after its velocity is reduced through the rip-rap.
3. Where run-off is would naturally flow in a concentrated condition (i.e. swale, creek, pond, etc.), no sill need be constructed – only extension of the rip-rap so as to reduce water velocity to that of original or natural conditions.

With increasing attention to water quality and stormwater issues, the proper design and installation of drainage release structures is critical.

If you have questions on this issue, please contact a Private Development Construction Inspection representative at (858) 694-3165, or email at grading@sdcounty.ca.gov.

Cid Tesoro, DPW Watershed Protection Program Manager **Standard Urban Stormwater Mitigation Plan Update**

The County requires land development and public improvement projects to apply standards found within the County's Standard Urban Stormwater Mitigation Plan (SUSMP). The County is updating its SUSMP to clarify internal processes and procedures, and to comply with the Stormwater Municipal Permit. The following changes have been incorporated into the County SUSMP and appendices:

1. Expanded the Grandfathering language to define prior lawful approval and infeasibility.
2. Exempted single family dwelling driveways from the Priority Development Project requirements.
3. Added that projects discharging directly to an exempt water body must discharge within the limits of inundation of the river due to the occurrence of the peak flow of the 10-year flooding event.
4. Added that the confluence of offsite flows with onsite flow will not be allowed upstream of hydromodification flow control facilities or point of compliance.
5. Included sizing requirements for flood control, hydromodification and/or water quality facilities.
6. Included that self-retaining areas are required to have a 1:1 pervious to impervious ratio to mitigate for hydromodification.
7. Added instruction on how to calculate hydromodification and water quality using the sizing factor tables.
8. Added additional checklist bullets to the "self-retaining and self-treating areas" checklist due to geotechnical, vector and flood concerns.
9. Removed the "no maintenance notification" requirement for self-retaining areas and permeable pavement.
10. Added explanation on completion of the treatment control best management practices (TCBMP) Certification form in Chapter 5 of the SUSMP.



Land Development News

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11. Added self-retaining areas to the list of potential TCBMPs that need long-term maintenance (Category 1-4).

The updated SUSMP will be posted on the DPW [SUSMP website](#) by the end of May 2012. Please contact your County Project Manager if you have specific concerns regarding a current or upcoming SWMP submittal.

If you have any questions about this SUSMP update, please contact Cid Tesoro at (858) 694-3672, or, email at Cid.Tesoro@sdcounty.ca.gov.

Terry Connors, DPW County Surveyor

Responsibility of Certificates of Correction - Government Code Section 66466(f)

A little known section of the Subdivision Map Act requires each "surveyor of record" who prepares certificates of correction (COC) within the jurisdiction of a city, to transmit a copy of that document to the County Surveyor for inclusion into his index. Because the County Surveyor is not privileged to those COC's within a city, they are often missed. It is requested that all surveyors abide by this requirement, as it increases the efficiency and accuracy of the index information.

We maintain a COC index on our official County Surveyor website at the following link:

<http://www.sdcounty.ca.gov/dpw/surveyor.html>

66466(f) "Upon the filing of any map, including amended maps and certificates of correction for recordation pursuant to this section or any record of survey pursuant to the Professional Land Surveyors' Act (Chapter 15 (commencing with Section 8700) of Division 3 of the Business and Professions Code), the surveyor or engineer who prepared the document shall transmit a copy of the document, including all recording information, to the county surveyor, who shall maintain an index, by geographic location, of the documents. The County Surveyor may charge a fee not to exceed the fee charged for recording the document, for purposes of financing the costs of maintaining the index of the documents."

If you have any questions, please contact Terry Connors at (858) 694-3869, or email at Terry.Connors@sdcounty.ca.gov.

ATTACHMENT 2.3

TREATMENT CONTROL BMP INVENTORY

2.3 - Treatment Control BMP Inventory
JURMP Annual Report FY 2011-12

#	PERMIT #	STREET NUMBER	ADDRESS	CITY	ZIP CODE	HSU	CATEGORY (1,2,3 OR 4)	INSPECTION PRIORITY	BMP TYPE #1	BMP TYPE #2	BMP TYPE #3	BMP TYPE #4
1	14815	2955	ALPINE BLVD	ALPINE	91901	907.33	2	H	HYDRODYNAMIC SEP.	DRAINAGE INSERT	BIOFILTER BMP	
2	14824	2275	VICTORIA DRIVE	ALPINE	91901	907.33	2	M	DRAINAGE INSERT	BIOFILTER BMP		
3	14399	580	SKY MESA RD. PREVIOUSLY 1707 OLD HORSE TRAIL	ALPINE	91901	909.24	2	M	DRAINAGE INSERT	BIOFILTER BMP		
4	14505	501	JOSH WAY	ALPINE	91901	907.31	2	M	BIOFILTER BMP			
5	14692	3012	VIA VIEJAS OESTE	ALPINE	91901	909.31	1	L	BIOFILTER BMP			
6	14531	2213	MARQUAND COURT ALSO CALLED OLIVEWOOD	ALPINE	91901	907.33	3	H	DETENTION BMP			
7	14255	3248	OTTO AV	ALPINE	91901	909.33	3	H	DETENTION BMP			
8	14711	905	TAVERN ROAD	ALPINE	91901	907.33	2	M	DRAINAGE INSERT			
9	14205	2400	ALPINE BLVD	ALPINE	91901	907.33	1	L	INFILTRATION BMP			
10	14707	7337	SAN MIGUEL RD	BONITA	91902	909.21	1	L	DETENTION BMP	BIOFILTER BMP		
11	14317	3203	SUMMIT MEADOW ROAD	BONITA	91902	909.12	1	M	DRAINAGE INSERT	BIOFILTER BMP		
12		3218	SUMMIT MEADO ROAD	BONITA	91902	909.12	4	H	DETENTION BMP	DRAINAGE INSERT		
13	14233	5510	SAN MIGUEL RD,	BONITA	91902	909.12	1	H	DETENTION BMP			
14			NEAR QUARRY ROAD	BONITA	91902	909.12	4	M	DRAINAGE INSERT			
15			SWEETWATER	BONITA	91902	909.12	4	M	DRAINAGE INSERT			
16	14680		HIDDEN GROVE WAY	BONSALL	92003	903.12	1	L	BIOFILTER BMP			
17	15260		LAKE VISTA DR	BONSALL	92003	903.12	1	L	BIOFILTER BMP			
18	14547		CAMINITO DE LOS CEPILLOS/VIA DE LOS CEPILLOS	BONSALL	92003	903.12	2	L	BIOFILTER BMP			
19	15034	5755	VIA CASITAS	BONSALL	92003	903.12	2	M	DRAINAGE INSERT			
20	4729-1		PALA MESA DRIVE NEAR MESA GROVE ROAD	BONSALL	92003	903.12	3	M	DRAINAGE INSERT			
21			DENTRO DE LOMAS ROAD	BONSALL	92003	903.12	4	M	DRAINAGE INSERT			
22	15282	1247	SHERIDAN ROAD	CAMPO	91906	911.82	1	M	DRAINAGE INSERT	BIOFILTER BMP	BIOFILTER BMP	
23	15468		FREDA'S HILL ROAD	CARLSBAD	92082	904.32	1	L	BIOFILTER BMP			
24			VIEJAS BLVD.	DESCANSO	91916	909.34	4	M	DRAINAGE INSERT			
25	14742	1530	HILTON HEAD ROAD	EL CAJON	92019	909.21	2	M	DRAINAGE INSERT	BIOFILTER BMP		
26	14195 no match	1178	PERSIMMON AVE	EL CAJON	92021	907.13	1	M	BIOFILTER BMP	DRAINAGE INSERT		
27	14293		HIDDEN SPRINGS DRIVE	EL CAJON		909.22	2	H	DETENTION BMP	DRAINAGE INSERT		
28	15142		LIBERATORE LANE	EL CAJON	92019	907.13	2 & 3	M	DRAINAGE INSERT	INFILTRATION BMP		
29	15050	420	HART DR	EL CAJON	92021	907.13	1	L	BIOFILTER BMP			
30	14805	15724	OLDE HIGHWAY 80	EL CAJON	92021	907.14	1	L	BIOFILTER BMP			
31		16005	HILTON HEAD ROAD	EL CAJON	92019	909.21	4	L	BIOFILTER BMP			
32	15205	2398	JAMACHA ROAD	EL CAJON	92019	909.21	2	M	DRAINAGE INSERT			
33			MERRITT DRIVE 3157 FEET N OF GROVE ROAD	EL CAJON	92021	907.13	4	M	DRAINAGE INSERT			

2.3 - Treatment Control BMP Inventory
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34	14544		COUNTRY HIEGHTS ROAD & JACK RABBIT ACRES	ESCONDIDO	92026	904.62	2	H	DETENTION BMP	DRAINAGE INSERT	BIOFILTER BMP	
35	15195		TWILIGHT VIEW TERRACE & ALEXANDER DRIVE	ESCONDIDO	92029	905.23	2	H	HYDRODYNAMIC SEP.	INFILTRATION BMP	BIOFILTER BMP	
36	14794	8310	NELSON WAY	ESCONDIDO	92026	903.12	1	H	BIOFILTER BMP	DETENTION BMP		
37	15015	10308	MEADOW GLEN WAY EAST	ESCONDIDO	92026	903.13	2	M	BIOFILTER BMP	DRAINAGE INSERT		
38	15135	9819	LAN LANE	ESCONDIDO	92026	903.13	1	L	BIOFILTER BMP			
39	13417	28513	LAWRENCE WELK COURT	ESCONDIDO	92026	903.13	1	L	BIOFILTER BMP			
40	15303	29572	MEADOW GLEN WAY, WEST	ESCONDIDO	92026	903.13	1	L	BIOFILTER BMP			
41	15342	10193	TALL OAK DRIVE	ESCONDIDO	92026	903.13	1	L	BIOFILTER BMP			
42	15107	20860	WILD WILLOW HOLLOW	ESCONDIDO	92029	904.62	1	L	BIOFILTER BMP			
43	14938	1678	COUNTRY CLUB DRIVE	ESCONDIDO	92029	904.62	1	L	BIOFILTER BMP			
44	14427	3023	PASEO DEL SOL	ESCONDIDO	92025	905.21	1	L	BIOFILTER BMP			
45	15108		BIRCH WAY	ESCONDIDO	92067	905.24	1	L	BIOFILTER BMP			
46	14447		HEIGHTS COURT	ESCONDIDO	92027	905.24	1	L	BIOFILTER BMP			
47	14493	2542	ROYAL VIEW ROAD (AKA 2000 ORO VERDE)	ESCONDIDO	92027	905.32	1	L	BIOFILTER BMP			
48	4742		TALL OAK DRIVE	ESCONDIDO	92026	903.13	2	L	BIOFILTER BMP			
49	14524	9504	WELK VIEW CT	ESCONDIDO	92026	903.13	1	L	BIOFILTER BMP			
50	14396	2363	LAS ARDILLAS	ESCONDIDO	92026	904.62	1	L	BIOFILTER BMP			
51	14085		HIDDEN MEADOWS	ESCONDIDO	92026	903.13	1	L	INFILTRATION BMP			
52	4739		TALL OAK DRIVE	ESCONDIDO	92026	903.13	2	L	INFILTRATION BMP			
53	5469		RIDGE CREEK DRIVE/VIA MONTEVINA	FALLBROOK	92028	903.12	2	M	DRAINAGE INSERT	BIOFILTER BMP	BIOFILTER BMP	BIOFILTER BMP
54	11237		HIGHLAND OAKS	FALLBROOK	92028	903.12	1	H	DETENTION BASIN	BIOFILTER BMP		
55	14580	1198	DALLAS ROAD	FALLBROOK	92028	903.12	2	M	DRAINAGE INSERT	BIOFILTER BMP		
56	14356	405	INDUSTRIAL WAY	FALLBROOK	92028	902.13	2	M	DRAINAGE INSERT	DRAINAGE INSERT		
57	15491	445	E IVY ST	FALLBROOK	92028	902.13	1	L	BIOFILTER BMP			
58	15092	40567	GAVILAN ROAD	FALLBROOK	92028	902.22	1	L	BIOFILTER BMP			
59	15339	881	BURMA RD	FALLBROOK	92028	903.11	1	L	BIOFILTER BMP			
60	15118	3508	OLIVE HILL ROAD PREVIOUSLY REPORTED AS GREEN CANYON	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			
61	15083	260	ROCKYCREST ROAD	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			
62	14961	1755	WILT ROAD	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			
63	15528		BUTTS-KADEN COURT IMPROVEMENTS	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			
64		124	MISSION ROAD	FALLBROOK	92028	905.41	4	L	BIOFILTER BMP			
65	15330	1285	S. MISSION ROAD	FALLBROOK	92028	902.13	1	L	BIOFILTER BMP			
66	14382		CLEARCREST LANE	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			

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67	14230	1405	E. FALLBROOK ST	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			
68	14401		SKY COUNTRY COURT PREVIOUSLY 1570 SOUTH HILL AVENUE	FALLBROOK	92028	903.12	1	L	BIOFILTER BMP			
69	14323		MILLSTONE PREVIOUSLY PEPPERTREE PARK #6	FALLBROOK	92028	903.12	2	M	DRAINAGE INSERT			
70			MISSION ROAD	FALLBROOK	92028	903.12	4	M	DRAINAGE INSERT			
71	14240	609	E. ELDER ST.	FALLBROOK	92028	902.13	1	H	HYDRODYNAMIC SEPARATOR			
72	14793	13034	CAMPO ROAD	JAMUL	91935	909.21	2	M	DRAINAGE INSERT	INFILTRATION BMP	BIOFILTER BMP	
73	14654	13815	CAMPO ROAD (S OF INDIAN SPRINGS DRIVE)	JAMUL	91935	909.21	1	L	BIOFILTER BMP			
74	14629		SLEEP WILLOW LANE	JAMUL	91935	910.33	1	L	BIOFILTER BMP			
75	15370	3409	TRINAS WAY	JAMUL	91935	909.00	1	L	BIOFILTER BMP			
76			OLIVE VISTA DRIVE AT JEFFERSON	JAMUL	91935	909.21	4	M	DRAINAGE INSERT			
77	14332	13886	CAMPO ROAD	JAMUL	91935	909.21	1	M	DRAINAGE INSERT			
78	14035	4321	CONRAD DRIVE	LA MESA	91941	907.14	1	L	BIOFILTER BMP			
79	14660		SUNDOWN LANE	LA MESA	91941	909.21	2	H	HYDRODYNAMIC SEPARATOR			
80	14264	10007	RIVERFORD ROAD	LAKESIDE	92040	907.12	1	M	DRAINAGE INSERT	DRAINAGE INSERT	BIOFILTER BMP	
81	14787		LAUREL CANYON ROAD	LAKESIDE	92040	907.12	1	M	DRAINAGE INSERT	BIOFILTER BMP		
82	13232	9728	MARILLA DRIVE	LAKESIDE	92040	907.12	2	M	DRAINAGE INSERT	BIOFILTER BMP		
83	15185	9757	WINTERGARDENS BOULEVARD	LAKESIDE	92024	907.12	2	M	DRAINAGE INSERT	BIOFILTER BMP		
84	14495	9893	RIVERFORD ROAD	LAKESIDE	92040	907.12	2	M	DRAINAGE INSERT	DRAINAGE INSERT		
85	14526	9108	LAKE VALLEY ROAD	LAKESIDE	92021	907.14	1	L	BIOFILTER BMP			
86	15176	11905	RIVERSIDE DRIVE	LAKESIDE	92040	907.12	1	M	DETENTION BMP			
87	14261	9410	ADLAI TERRACE	LAKESIDE	92040	907.14	2	H	DETENTION BMP			
88		9655	PINO DRIVE	LAKESIDE	92040	907.12	4	H	DETENTION BMP			
89	14448	9359	AUDUBON RD.	LAKESIDE	92040	907.14	1	H	DETENTION BMP			
90	14695	11639	RIVERSIDE DRIVE	LAKESIDE	92040	907.12	2	M	DRAINAGE INSERT			
91			PARKSIDE STREET	LAKESIDE	92040	907.12	3	M	DRAINAGE INSERT			
92			MARILLA STREET	LAKESIDE	92040	907.12	3	M	DRAINAGE INSERT			
93			LOS COCHES ROAD	LAKESIDE	92040	907.12	4	M	DRAINAGE INSERT			
94			WILLOW ROAD	LAKESIDE	92040	907.12	4	M	DRAINAGE INSERT			
95			CHANNEL ROAD	LAKESIDE	92040	907.12	4	M	DRAINAGE INSERT			
96			LAKESIDE AVENUE	LAKESIDE	92040	907.12	4	M	DRAINAGE INSERT			
97			VALLE VISTA ROAD	LAKESIDE	92040	907.12	4	M	DRAINAGE INSERT			
98			RIVERSIDE DRIVE	LAKESIDE	92040	907.12	4	M	DRAINAGE INSERT			
99			WILDCAT CANYON ROAD	LAKESIDE	92040	907.24	4	H	HYDRODYNAMIC SEPARATOR			

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100	15256		ALTA ROAD, N OF CALZADA DE LA FUENTE	OTAY MESA	92154	904.31	1 & 3	H	DETENTION BMP	BIOFILTER BMP		
101	14625		PASEO DE LA FUENTE AND ACCESS RD	OTAY MESA	92154	911.12	2	H	DETENTION BMP			
102	14277	18178	HWY 76	PAUMA VALLEY	92061	903.22	1	L	INFILTRATION BMP			
103	15279	30763	OLD HIGHWAY 80	PINE VALLEY	91962	911.6	1	H	DETENTION BMP			
104	14958	218	ETCHEVERRY STREET	RAMONA	92065	905.41	1	L	BIOFILTER BMP			
105	15306	1810	MAIN ST	RAMONA	92065	905.41	1	L	BIOFILTER BMP			
106		1275	MAIN STREET	RAMONA	92065	905.41	4	H	DETENTION BMP			
107	15318	1031	OLIVE STREET	RAMONA	92065	905.41	2	M	DRAINAGE INSERT			
108		116	FIFTH STREET	RAMONA	92065	905	4	M	DRAINAGE INSERT			
109	14442	1017	B STREET	RAMONA	92065	905.41	1	M	DRAINAGE INSERT			
110			MAPLE STREET PREVIOUSLY REPORTED AS OLIVE STREET	RAMONA	92065	905.41	4	M	INFILTRATION BMP			
111	15071		OLD COURSE ROAD PREVIOUSLY REPORTED AS SPRING MOUNTAIN	RANCHO SANTA FE	92067	905.11	2	H	HYDRODYNAMIC SEP	DETENTION BMP	DRAINAGE INSERT	BIOFILTER BMP
112	15210	18247	VIA DE FORTUNA	RANCHO SANTA FE	92067	904.61	1	L	INFILTRATION BMP	BIOFILTER BMP	BIOFILTER BMP	
113	14420	16199	RANCHO VALENCIA DRIVE	RANCHO SANTA FE	92067	905.11	2	H	HYDRODYNAMIC SEP	BIOFILTER BMP	DRAINAGE INSERT	
114	15077	6349	MIMULUS	RANCHO SANTA FE	92067	904.61	1	M	DRAINAGE INSERT	BIOFILTER BMP	INFILTRATION BMP	
115	15448	17122	VIA BARRANCA DEL ZORRO	RANCHO SANTA FE	92067	905.54	1	M	DRAINAGE INSERT	BIOFILTER BMP		
116	15141	5333	VIA LA CUMBRE	RANCHO SANTA FE	92067	904.61	1	M	DRAINAGE INSERT	BIOFILTER BMP		
117	14831	18011	CALLE AMBIENTE	RANCHO SANTA FE	92067	905.11	2	M	DRAINAGE INSERT	BIOFILTER BMP		
118	14309	16170	RAMBLA DE LAS FLORES	RANCHO SANTA FE	92067	904.61	1	M	INFILTRATION BMP	BIOFILTER BMP		
119	15018	8086	OLD COURSE RD	RANCHO SANTA FE	92067	905.11	2	H	HYDRODYNAMIC SEP	DRAINAGE INSERT		
120	15341	6225	PASEO DELICIAS	RANCHO SANTA FE	92067	904.61	2	M	INFILTRATION BMP	DRAINAGE INSERT		
121	15375	6598	CALLE REINA	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
122	15157	5750	EL CAMINO DEL NORTE	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
123	15222	16810	EL CAMINO REAL	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
124	15257	19557	FORTUNA DEL ESTE	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
125	14915	1820	HORSEMANS LANE	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
126	15199	4551	LA ORILLA	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
127	14837	16627	LOS MORROS	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
128	14895	5465	VISTA DE FORTUNA	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
129	15251	5425	AVNDA MARAVILLAS	RANCHO SANTA FE	92068	904.61	1	L	BIOFILTER BMP			
130	15191	16613	LOS MORROS	RANCHO SANTA FE	92069	904.61	1	L	BIOFILTER BMP			
131	5125-1	17175	VIA DE LA NOLA	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
132	14894		NIEMAN RANCH ROAD AT MIL ARBOLES	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			

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133	14719		PACIFICA RANCH DRIVE & PACIFICA HILL RANCH DRIVE (AKA 18125	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
134	14564		POCO LAGO	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
135	15436	17403	RANCHO DEL RIO	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
136	15407	16583	ZUMAQUE STREET	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
137	15446	15362	EL CAMINO REAL	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
138	15336	16630	EL ZORRO VISTA	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
139	15096	14860	RANCHO VALENCIA VISTA	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
140	15217	6857	LA VALLE PLATEADA	RANCHO SANTA FE	92067	905.21	1	L	BIOFILTER BMP			
141	14970	5219	EL MIRLO	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
142	15546	4508	CALLE MESSINA	RANCHO SANTA FE	92067	904.61	2	M	BIOFILTER BMP			
143	14997	5956	SAN ELIJO AVENUE	RANCHO SANTA FE	92067	904.61	2	L	BIOFILTER BMP			
144	14743		CIRCO DIEGUENO	RANCHO SANTA FE	92067	905.11	2	L	BIOFILTER BMP			
145	14254	5918	LA CAZADORA	RANCHO SANTA FE	92067	904.61	1	L	BIOFILTER BMP			
146	15501	16655	ZUMAQUE STREET	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
147	14246	6658	LAS COLINAS	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
148	14100		RANCHO VALENCIA VISTA- PREVIOUSLY PASEO VALENCIA	RANCHO SANTA FE	92067	905.11	1	L	BIOFILTER BMP			
149	14992	16460	VIA DE LA VALLE	RANCHO SANTA FE	92067	905.11	1	M	BIOFILTER BMP			
150	14266	16535	EL CAMINO REAL	RANCHO SANTA FE	92067	904.61	1	H	DETENTION BMP			
151	15284	6853	RANCHO VALENCIA ROAD	RANCHO SANTA FE	92067	905.11	2	H	DETENTION BMP			
152	14175		THE BRIDGES COMMUNITY ASSOCIATION	RANCHO SANTA FE	92070	904.61	1	M	DRAINAGE INSERT			
153	14373	18040	CALLE AMBIENTE	RANCHO SANTA FE	92067	905.11	1	M	DRAINAGE INSERT			
154	15394	6233	EL APAJO	RANCHO SANTA FE	92067	905.11	1		BIOFILTER BMP			
155	15293	16265	VIA CAZADERO	RANCHO SANTA FE	92067	905.11	1	M	INFILTRATION BMP			
156	15496		VIA DE LA VALLE	RANCHO SANTA FE	92067	905.11	2	M	INFILTRATION BMP			
157	15425	10132	AIRWAY ROAD AT AIRWAY LANE	SAN DIEGO	92154	911.10	2 & 3	H	DRAINAGE INSERT	DETENTION BMP	BIOFILTER BMP	
158	13314		ENRICO FERMI PLACE, PREVIOUSLY AIRWAY ROAD	SAN DIEGO	92154	911.12	1	H	DETENTION BMP	BIOFILTER BMP		
159	14891	10411	RESERVE DRIVE PREVIOUSLY 16722 RANCHO BERNARDO ROAD	SAN DIEGO	92127	905.11	2	H	HYDRODYNAMIC SEP.	BIOFILTER BMP		
160	14310	17082	THORN MINT CT	SAN DIEGO	92127	905.11	1	H	HYDRODYNAMIC SEP.	BIOFILTER BMP		
161	14114		DOVE CREEK ROAD AND CROSS STONE PLACE	SAN DIEGO	92127	905.12	1	H	DETENTION BMP	BIOFILTER BMP		
162	14316	16900	CAMINO SAN BERNARDO	SAN DIEGO	92127	905.12	1	H	DETENTION BMP	BIOFILTER BMP		
163	15098		FORTUNA SANTA FE	SAN DIEGO	92127	905.12	1	L	BIOFILTER BMP			
164	14670	0	RALPH'S RANCH ROAD AND 45 RANCH PARKWAY	SAN DIEGO	92127	905.11	1	L	BIOFILTER BMP			
165	14528	0	CAMINO SAN THOMAS AND CAMPANIA AVENUE	SAN DIEGO	92127	905.11	1	L	BIOFILTER BMP			

2.3 - Treatment Control BMP Inventory
JURMP Annual Report FY 2011-12

#	PERMIT #	STREET NUMBER	ADDRESS	CITY	ZIP CODE	HSU	CATEGORY (1,2,3 OR 4)	INSPECTION PRIORITY	BMP TYPE #1	BMP TYPE #2	BMP TYPE #3	BMP TYPE #4
166	15424		PASEO DE LA FUENTE (NE CORNER WITH DE LA FUENTE COURT	SAN DIEGO	92154	911.11	2	H	DETENTION BMP			
167	14456		PASEO DE LA FUENTE (FUTURE NAME LONE STAR ROAD	SAN DIEGO	92154	911.12	2	H	DETENTION BMP			
168	14640	9050	MARANATHA DRIVE	SAN DIEGO	92127	905.11	2	M	DRAINAGE INSERT			
169	15000	16570	ROAD TO RIO	SAN DIEGO	92127	905.11	2	M	DRAINAGE INSERT			
170	14223	16621	DOVE CANYON RD	SAN DIEGO	92127	905.11	1	M	DRAINAGE INSERT			
171	14537		4S RANCH PLANNING AREA 38	SAN DIEGO	92127	905.11	2	H	HYDRODYNAMIC SEPARATOR			
172	14326	16507	DOVE CANYON ROAD	SAN DIEGO	92127	905.12	2	H	HYDRODYNAMIC SEPARATOR			
173	14202	16418	BAYLEE LANE	SAN DIEGO	92127	905.11	1	H	HYDRODYNAMIC SEPARATOR			
174	14201	9845	FIELDTHORN STREET	SAN DIEGO	92127	905.11	1	H	HYDRODYNAMIC SEPARATOR			
175	14198	9804	STOCKBRIDGE ROAD	SAN DIEGO	92127	905.11	1	H	HYDRODYNAMIC SEPARATOR			
176	14980	1497	PIPER RANCH RD	SAN DIEGO	92154	911.12	2	H	DRAINAGE INSERT	DETENTION BMP	DETENTION BMP	
177	14632	10100	AIRWAY ROAD	SAN DIEGO	92154	911.12	2	H	DETENTION BMP			
178	14948	1918	REDWING STREET	SAN MARCOS	92078	904.51	2	M	DRAINAGE INSERT	BIOFILTER BMP		
179	15010	2033	MARILYN LANE	SAN MARCOS	92069	904.53	2	H	DETENTION BMP	DRAINAGE INSERT		
180	15384	2755	DEER SPRINGS PLACE	SAN MARCOS	92069	904.53	1	L	BIOFILTER BMP			
181	14262	2406	N. TWIN OAKS VALLEY ROAD	SAN MARCOS	92069	904.53	1	L	BIOFILTER BMP			
182		1579	OSAGE STREET	SAN MARCOS	92078	904.52	4	H	DETENTION BMP			
183	13299	1563	RICHLAND RD	SAN MARCOS	92069	904.53	1	M	DETENTION BMP			
184	14380		CAMINO DEL ARROYO	SAN MARCOS	92069	904.51	2	H	HYDRODYNAMIC SEPARATOR			
185			CAMPO ROAD BETWEEN JAMACHA ROAD AND JAMACHA BLVD.	SPRING VALLEY	91977	909.12	2	M	DRAINAGE INSERT	BIOFILTER BMP		
186	14903	8746	ILDICA STREET	SPRING VALLEY	91977	909.12	2	M	INFILTRATION BMP	BIOFILTER BMP		
187	14597		HELIX MESA WAY (OFF HOLLYHOCK DRIVE)	SPRING VALLEY	91977	909.12	1	L	BIOFILTER BMP			
188	15105	9045	KENWOOD DRIVE	SPRING VALLEY	91977	909.12	1	L	BIOFILTER BMP			
189	14374	2513	FOLEX	SPRING VALLEY	91977	909.21	1	L	BIOFILTER BMP			
190			VIA RANCHO SAN DIEGO	SPRING VALLEY	92020	909.21	3	M	DRAINAGE INSERT			
191			OTAY MESA ROAD	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
192			SLATE TRAIL	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
193			BONITA ROAD	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
194			CAMPO ROAD	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
195			CENTRAL AVENUE	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
196			CHASE AVENUE	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
197			ELKETON BOULEVARD	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
198			FURY LANE	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			

2.3 - Treatment Control BMP Inventory
JURMP Annual Report FY 2011-12

#	PERMIT #	STREET NUMBER	ADDRESS	CITY	ZIP CODE	HSU	CATEGORY (1,2,3 OR 4)	INSPECTION PRIORITY	BMP TYPE #1	BMP TYPE #2	BMP TYPE #3	BMP TYPE #4
199			HAZELHURST CT.	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
200			JAMACHA ROAD	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
201			MAYA STREET	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
202			SUNDOWN LANE	SPRING VALLEY	91977	909.12	4	M	DRAINAGE INSERT			
203			NABAL DRIVE	SPRING VALLEY	91941	909.12	4	M	DRAINAGE INSERT			
204			NORTH BONITA STREET	SPRING VALLEY	91977	909.21	4	M	DRAINAGE INSERT			
205			OSAGE DRIVE	SPRING VALLEY	91977	909.21	4	M	DRAINAGE INSERT			
206	14454	2550	FOLEX WAY	SPRING VALLEY	91978	909.12	1	M	DRAINAGE INSERT			
207	14289	2505	FOLEX WAY	SPRING VALLEY	91978	909.21	1	M	DRAINAGE INSERT			
208	15275	28477	LIZARD ROCKS ROAD	VALLEY CENTER	92082	903.16	2	M	DRAINAGE INSERT	BIOFILTER BMP	BIOFILTER BMP	
209	14476	31020	COLE GRADE RD	VALLEY CENTER	92082	903.12	1	M	DRAINAGE INSERT	BIOFILTER BMP		
210			VALLEY CENTER ROAD SOUTH	VALLEY CENTER	92082	903.12	4	M	DRAINAGE INSERT	BIOFILTER BMP		
211		28565	COLE GRADE ROAD	VALLEY CENTER	92082	903.12	4	H	DETENTION BMP	INFILTRATION BMP		
212	14510	12933	RANCHO VISTA CT	VALLEY CENTER	92082	903.14	1	L	BIOFILTER BMP			
213	14434	14616	WOODS VALLEY RD	VALLEY CENTER	92082	903.14	1	L	BIOFILTER BMP			
214	14839		CHOUFA CT./PAUMA HEIGHTS RD.	VALLEY CENTER	92082	903.22	1	L	BIOFILTER BMP			
215			VALLEY CENTER ROAD PHASE 2	VALLEY CENTER	92082	903.12	4	M	DRAINAGE INSERT			
216	15473	29802	SPEARHEAD TL	VALLEY CENTER	92082	903.13	1	L	INFILTRATION BMP			
217	14847		STARGAZE LANE & KENSAL COURT	VALLEY CENTER	92082	903.16	1	L	INFILTRATION BMP			
218	14052	28098	N LAKE WOHLFORD ROAD	VALLEY CENTER	92082	903.22	1	L	INFILTRATION BMP			
219	19910		CARA LANE	VALLEY CENTER	92083	903.22	1	L	INFILTRATION BMP			
220	14325		ORANGE BLOSSOM CT	VALLEY CENTER	92082	903.22	1	L	INFILTRATION BMP			
221	14571	29402	SPA HAVEN'S WAY	VISTA	92084	903.12	2	M	DRAINAGE INSERT	BIOFILTER BMP		
222	15069		WOODLAND DRIVE	VISTA	92083	904.32	2 & 3	M	DRAINAGE INSERT	BIOFILTER BMP		
223	15325	2548	PANORAMIC DRIVE	VISTA	92084	903.12	1	L	BIOFILTER BMP			
224	15148	29402	SPA HAVEN'S WAY	VISTA	92084	903.12	1	L	BIOFILTER BMP			
225	14937	29402	SPA HAVENS WAY (KILBIRNIE DRIVE)	VISTA	92084	903.12	1	L	BIOFILTER BMP			
226	15026	29609	VALLEY OF THE KING ROAD	VISTA	92084	903.12	1	L	BIOFILTER BMP			
227	14118	1627	HANNALEI DRIVE	VISTA	92083	904.32	1	L	BIOFILTER BMP			
228	14428		REZA COURT	VISTA	92084	903.12	1	L	BIOFILTER BMP			
229	15209	35490	HIGHWAY 79	WARNER SPRINGS	92086	902.93	1	L	BIOFILTER BMP			

ATTACHMENT 2.4

COMPLETED ANNUAL PROGRAM REVIEWS

Contents

- 2.4.1 DPW Private Development Annual Review**
- 2.4.2 DPW Capital Improvement Project Annual Review**
- 2.4.3 DPR Capital Improvement Project Annual Review**
- 2.4.4 DGS Capital Improvement Project Annual Review**

JURMP Annual Report Request for FY 2011-12

Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

DPW Private Land Development

NPDES Order requires the following:

A. Project Approval Process

1. NPDES Order (Order) P.66 Item J.3.a.(3)(a)i: *"A description of any amendments to the General Plan, the environmental review process, development project approval processes, or development project requirements."*

None.

More specifically, has there been any change in processes? Check Yes or No below:

If Yes is checked, describe below the table.

Element	Modifications?		Description
	Yes	No	
a. Description of strategy		X	(List any changes in your stormwater implementation program.)
b. Roles and responsibilities		X	(List any suggestion regarding roles and responsibilities.)
c. Organizational charts		X	(List changes in positions and functions to implement program.)
d. Ancillary documents / materials		X	(Describe any document that should be added and in necessary to implement the program.)
e. Legal documents		X	(Describe any changes to Contracts or Ordinances)
f. Policies and Procedures		X	(List any changes to internal stormwater policy or DLI's)
g. Forms and Templates		X	(List any changes to Inspection Forms & Data Reporting)

2. Order P.66 Item J.3.a.(3)(a)v: *"At least one example of a priority development project that was conditioned to meet SUSMP requirements and a description of the required BMPs."*

More specifically, please provide one example of a PDP with Major SWMP and a description of the required BMPs.

Example:

TM 5388- BMPs

- Vegetated Swales
- Landscape Design
- CDS 2015 Contecch Stormwater Solutions
- Bioclean Inlet Filters

Note: This project may be subject to an audit at a later time.

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Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

B. SWMP Project Inventory

It is suggested to update the attached Excel table headers to include 1-6 below.

1. Order P.66 Item J.3.a.(3)(a)ii: ***“Confirmation that all development projects were required to undergo the Copermittee’s urban runoff approval process and meet the applicable project requirements, including a description of how this information was tracked.”***

All post discretionary development projects submitted to the County are required to provide a Stormwater Intake Form for Development Projects at grading/improvement plan processing as part of our business practice.

More specifically, at project intake, are all projects reviewed for SUSMP applicability?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below:

SWMP review is associated with the above processing of grading/improvement plans and it is tracked in KIVA with the grading/improvement plan.

2. Order P.66 Item J.3.a.(3)(a)iii: ***“A listing of the development projects to which SUSMP requirements were applied.”***

More specifically, each project should include adequate data fields to track project such as:

- a) Project identifier, name, type, project number and APN;
- b) Issue and completion date;
- c) SWMP type (Major/Minor);
- d) Numeric watershed designation (hydrologic unit); and
- e) Indication if treatment control BMPs are proposed or approved (Y/N) and maintenance agreement category, if applicable.

More specifically, has the above requirements been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

3. Order P.66 Item J.3.a.(3)(a)iv: ***“Confirmation that all applicable SUSMP BMP requirements were applied to all priority development projects, including a description of how this information was tracked.”***

More specifically, for projects with Major SWMPs, are all applicable BMPs applied?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below:

The approved SWMP is kept in the grading/improvement plan file and the BMPs are listed in the Stormwater Maintenance Agreement which gets recorded and is also kept in the project grading/improvement plan file.

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Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

4. Order P.66 Item J.3.a.(3)(a)vi: ***“A listing of the priority development projects which were allowed to implement treatment control BMPs with low removal efficiency rankings, including the feasibility analyses which were conducted to exhibit that more effective BMPs were infeasible.”***

More specifically, did any Major SWMP list a “low removal efficiency” BMP (noted in Major SWMP form Table 14, right column on page 33)?

YES ☐ NO ☒

If yes, please provide details of the feasibility analyses to exhibit that more effective BMPs were infeasible (see Major SWMP page 32 box):

Copy/paste feasibility analyses:

Note: if multiple projects used a “low” BMP, submit a separate document/spreadsheet.

5. Note: This requirement does not apply to DPW LD Plan Check.

Order P.66 Item J.3.a.(3)(a)x: ***“Confirmation that BMP verification was conducted for all priority development projects prior to occupancy, including a description of how this information was tracked.”***

More specifically, for project closure, were BMPs verified prior to occupancy/use?

N/A ☒

If yes, how is it tracked; if no, explain below:

6. a. Order P.66 Item J.3.a.(3)(a)xi: ***“A listing of any projects which received a SUSMP waiver.”*** N/A

b. Order P.66 Item J.3.a.(3)(a)xii: ***“A description of implementation of any SUSMP waiver mitigation program.”*** N/A

More specifically, for the above two requirements, were any PDP projects waived from SUSMP requirements?

YES ☐ NO ☒

If yes, please submit a list of these projects, including an explanation for each waiver.

JURMP Annual Report Request for FY 2011-12

Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

7. Order P.66 Item J.3.a.(3)(a)xiv: ***“A listing of development projects required to meet HMP requirements, including a description of hydrologic control measures implemented.”***

More specifically, please update the excel spreadsheet with projects that Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

8. Order P.66 Item J.3.a.(3)(a)xv: ***“A listing of priority development projects not required to meet HMP requirements, including a description of why the projects were found to be exempt from the requirements.”***

More specifically, were any projects found exempt from HMP or grandfathered and found infeasible?

YES ☒ NO ☐

If yes, update attached excel sheet and describe why below:

Description included in Excel table. GeoTeam staff coordinates processing of exempt/grandfathered HMP requests with Watershed Protection and gets approval from them.

9. Order P.66 Item J.3(a)xvi: ***“A listing of development projects disturbing 50 acres or more, including information on whether Interim Hydromodification Criteria were met by each of the projects, together with a description of hydrologic control measures implemented for each applicable project.”***

Interim Hydromodification Criteria period was in effect until the date Final Hydromodification Management Plan (Final HMP) became effective on January 8, 2011. This requirement is applicable for this JURMP period for projects that received their vesting rights under the interim criteria.

Please update the excel spreadsheet with projects that Interim Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

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Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

DPW CIP Design

NPDES Order requires the following:

A. Project Approval Process

1. NPDES Order (Order) P.66 Item J.3.a.(3)(a)i: *"A description of any amendments to the General Plan, the environmental review process, development project approval processes, or development project requirements."*

More specifically, has there been any change in processes? Check Yes or No below:

If Yes is checked, describe below the table.

Element	Modifications?		Description
	Yes	No	
a. Description of strategy		X	(List any changes in your stormwater implementation program.)
b. Roles and responsibilities		X	(List any suggestion regarding roles and responsibilities.)
c. Organizational charts		X	(List changes in positions and functions to implement program.)
d. Ancillary documents / materials		X	(Describe any document that should be added and in necessary to implement the program.)
e. Legal documents		X	(Describe any changes to Contracts or Ordinances)
f. Policies and Procedures	X		Implementation of DLI-ES-N.
g. Forms and Templates		X	(List any changes to Inspection Forms & Data Reporting)

2. Order P.66 Item J.3.a.(3)(a)v: *"At least one example of a priority development project that was conditioned to meet SUSMP requirements and a description of the required BMPs."*

More specifically, please provide one example of a PDP with Major SWMP and a description of the required BMPs.

Bear Valley Road North.
Project proposes to install Bioretention Basins.

Note: This project may be subject to an audit at a later time.

JURMP Annual Report Request for FY 2011-12

Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

B. SWMP Project Inventory

It is suggested to update the attached Excel table headers to include 1-6 below.

1. Order P.66 Item J.3.a.(3)(a)ii: ***“Confirmation that all development projects were required to undergo the Copermittee’s urban runoff approval process and meet the applicable project requirements, including a description of how this information was tracked.”***

More specifically, at project intake, are all projects reviewed for SUSMP applicability?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below:

All projects fill out the County’s “Stormwater Intake Form” to determine if projects are a PDP (Priority Development Project) or not and if a Major or Minor Stormwater Management Plan needs to be completed. Projects are tracked by use of a spreadsheet.

2. Order P.66 Item J.3.a.(3)(a)iii: ***“A listing of the development projects to which SUSMP requirements were applied.”***

More specifically, each project should include adequate data fields to track project such as:

- a) Project identifier, name, type, project number and APN;
- b) Issue and completion date;
- c) SWMP type (Major/Minor);
- d) Numeric watershed designation (hydrologic unit); and
- e) Indication if treatment control BMPs are proposed or approved (Y/N) and maintenance agreement category, if applicable.
- f)

More specifically, has the above requirements been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

3. Order P.66 Item J.3.a.(3)(a)iv: ***“Confirmation that all applicable SUSMP BMP requirements were applied to all priority development projects, including a description of how this information was tracked.”***

More specifically, for projects with Major SWMPs, are all applicable BMPs applied?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below:

Projects are tracked using the attached spreadsheet.

4. Order P.66 Item J.3.a.(3)(a)vi: ***“A listing of the priority development projects which were allowed to implement treatment control BMPs with low removal efficiency***

JURMP Annual Report Request for FY 2011-12

Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

rankings, including the feasibility analyses which were conducted to exhibit that more effective BMPs were infeasible.”

More specifically, did any Major SWMP list a “low removal efficiency” BMP (noted in Major SWMP form Table 14, right column on page 33)?

YES ☒ NO ☐

If yes, please provide details of the feasibility analyses to exhibit that more effective BMPs were infeasible (see Major SWMP page 32 box):

For Bradley Avenue, due to the proposed improvements and right-of-way limits, all of the treatment BMPs for LID are infeasible within the County right-of-way. The project will utilize drainage inserts on the proposed inlets within the County right-of-way. The project proposes installing biofiltration swales in Caltrans right-of-way.

The project, however, is exempt from hydromodification requirements based on the fact that it has a prior lawful approval because the Final Initial Study (with Negative Declaration)/Environmental Assessment (with Finding of No Significant Impact) was signed in May 2008. In addition, it is infeasible to include hydromodification requirements because this would require reopening the environmental process.

Note: if multiple projects used a “low” BMP, submit a separate document/spreadsheet.

5. Note: This requirement does not apply to [DPW CIP Design](#).

Order P.66 Item J.3.a.(3)(a)x: ***“Confirmation that BMP verification was conducted for all priority development projects prior to occupancy, including a description of how this information was tracked.”***

More specifically, for project closure, were BMPs verified prior to occupancy/use?

N/A ☒

If yes, how is it tracked; if no, explain below:

6. a. Order P.66 Item J.3.a.(3)(a)xi: ***“A listing of any projects which received a SUSMP waiver.”***

b. Order P.66 Item J.3.a.(3)(a)xii: ***“A description of implementation of any SUSMP waiver mitigation program.”***

More specifically, for the above two requirements, were any PDP projects waived from SUSMP requirements?

YES ☐ NO ☒

If yes, please submit a list of these projects, including an explanation for each wavier.

JURMP Annual Report Request for FY 2011-12

Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

7. Order P.66 Item J.3.a.(3)(a)xiv: ***“A listing of development projects required to meet HMP requirements, including a description of hydrologic control measures implemented.”***

More specifically, please update the excel spreadsheet with projects that Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

8. Order P.66 Item J.3.a.(3)(a)xv: ***“A listing of priority development projects not required to meet HMP requirements, including a description of why the projects were found to be exempt from the requirements.”***

More specifically, were any projects found exempt from HMP or grandfathered and found infeasible?

YES ☒ NO ☐

If yes, update attached excel sheet and describe why below:

Ramona Street, Knottwood Way Extension and Bradley Avenue have prior approval.

Camino Del Rey is exempt because the project discharges to an exempt water body.

Gillespie Field Access Road is exempt because it discharges to a concrete-lined segment.

Palomar Airport Taxiways is exempt because there is no increase to impervious area.

9. Order P.66 Item J.3(a)xvi: ***“A listing of development projects disturbing 50 acres or more, including information on whether Interim Hydromodification Criteria were met by each of the projects, together with a description of hydrologic control measures implemented for each applicable project.”***

Interim Hydromodification Criteria period was in effect until the date Final Hydromodification Management Plan (Final HMP) became effective on January 8, 2011. This requirement is applicable for this JURMP period for projects that received their vesting rights under the interim criteria.

Please update the excel spreadsheet with projects that Interim Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

DPR CIP Design

NPDES Order requires the following:

A. Project Approval Process

1. NPDES Order (Order) P.66 Item J.3.a.(3)(a)i: *"A description of any amendments to the General Plan, the environmental review process, development project approval processes, or development project requirements."*

More specifically, has there been any change in processes? Check Yes or No below:

If Yes is checked, describe below the table.

Element	Modifications?		Description
	Yes	No	
a. Description of strategy		X	(List any changes in your stormwater implementation program.)
b. Roles and responsibilities		X	(List any suggestion regarding roles and responsibilities.)
c. Organizational charts		X	(List changes in positions and functions to implement program.)
d. Ancillary documents / materials		X	(Describe any document that should be added and in necessary to implement the program.)
e. Legal documents		X	(Describe any changes to Contracts or Ordinances)
f. Policies and Procedures		X	(List any changes to internal stormwater policy or DLI's)
g. Forms and Templates		X	(List any changes to Inspection Forms & Data Reporting)

2. Order P.66 Item J.3.a.(3)(a)v: *"At least one example of a priority development project that was conditioned to meet SUSMP requirements and a description of the required BMPs."*

More specifically, please provide one example of a PDP with Major SWMP and a description of the required BMPs.

Example:

The Department of Parks and Recreation didn't have any PDPs designed during the past year. All projects have been small and required only a minor SWMP.

Note: This project may be subject to an audit at a later time.

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Development Planning

[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

B. SWMP Project Inventory

It is suggested to update the attached Excel table headers to include 1-6 below.

1. Order P.66 Item J.3.a.(3)(a)ii: ***“Confirmation that all development projects were required to undergo the Copermittee’s urban runoff approval process and meet the applicable project requirements, including a description of how this information was tracked.”***

More specifically, at project intake, are all projects reviewed for SUSMP applicability?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below: *At multiple stages of design, the project is reviewed for compliance with applicable major or minor SWAMP requirements.*

2. Order P.66 Item J.3.a.(3)(a)iii: ***“A listing of the development projects to which SUSMP requirements were applied.”***

More specifically, each project should include adequate data fields to track project such as:

- a) Project identifier, name, type, project number and APN;
- b) Issue and completion date;
- c) SWMP type (Major/Minor);
- d) Numeric watershed designation (hydrologic unit); and
- e) Indication if treatment control BMPs are proposed or approved (Y/N) and maintenance agreement category, if applicable.

More specifically, has the above requirements been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

3. Order P.66 Item J.3.a.(3)(a)iv: ***“Confirmation that all applicable SUSMP BMP requirements were applied to all priority development projects, including a description of how this information was tracked.”***

More specifically, for projects with Major SWMPs, are all applicable BMPs applied?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below: *DPR didn’t have any priority development projects in design this past year, however, if there had been, Design consultants prepare SWMP under the direction of a certified QSD.*

4. Order P.66 Item J.3.a.(3)(a)vi: ***“A listing of the priority development projects which were allowed to implement treatment control BMPs with low removal efficiency rankings, including the feasibility analyses which were conducted to exhibit that more effective BMPs were infeasible.”***

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

More specifically, did any Major SWMP list a “low removal efficiency” BMP (noted in Major SWMP form Table 14, right column on page 33)?

YES ☐ NO ☒

If yes, please provide details of the feasibility analyses to exhibit that more effective BMPs were infeasible (see Major SWMP page 32 box):

Copy/paste feasibility analyses:

Note: if multiple projects used a “low” BMP, submit a separate document/spreadsheet.

5. Note: This requirement does not apply to [DPR Design](#).
Order P.66 Item J.3.a.(3)(a)x: ***“Confirmation that BMP verification was conducted for all priority development projects prior to occupancy, including a description of how this information was tracked.”***
More specifically, for project closure, were BMPs verified prior to occupancy/use?
N/A ☒
If yes, how is it tracked; if no, explain below:

6. a. Order P.66 Item J.3.a.(3)(a)xi: ***“A listing of any projects which received a SUSMP waiver.” - NONE***
b. Order P.66 Item J.3.a.(3)(a)xii: ***“A description of implementation of any SUSMP waiver mitigation program.” - NONE***

More specifically, for the above two requirements, were any PDP projects waived from SUSMP requirements?

YES ☐ NO ☒

If yes, please submit a list of these projects, including an explanation for each waiver.

7. Order P.66 Item J.3.a.(3)(a)xiv: ***“A listing of development projects required to meet HMP requirements, including a description of hydrologic control measures implemented.”***

More specifically, please update the excel spreadsheet with projects that Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

8. Order P.66 Item J.3.a.(3)(a)xv: ***“A listing of priority development projects not required to meet HMP requirements, including a description of why the projects were found to be exempt from the requirements.”***

More specifically, were any projects found exempt from HMP or grandfathered and found infeasible?

YES ☐ NO ☒

If yes, update attached excel sheet and describe why below:

9. Order P.66 Item J.3(a)xvi: ***“A listing of development projects disturbing 50 acres or more, including information on whether Interim Hydromodification Criteria were met by each of the projects, together with a description of hydrologic control measures implemented for each applicable project.”***

Interim Hydromodification Criteria period was in effect until the date Final Hydromodification Management Plan (Final HMP) became effective on January 8, 2011. This requirement is applicable for this JURMP period for projects that received their vesting rights under the interim criteria.

Please update the excel spreadsheet with projects that Interim Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

DGS CIP Design

NPDES Order requires the following:

A. Project Approval Process

1. NPDES Order (Order) P.66 Item J.3.a.(3)(a)i: *"A description of any amendments to the General Plan, the environmental review process, development project approval processes, or development project requirements."*

More specifically, has there been any change in processes? Check Yes or No below:

If Yes is checked, describe below the table.

Element	Modifications?		Description
	Yes	No	
a. Description of strategy		X	
b. Roles and responsibilities		X	
c. Organizational charts		X	N/A
d. Ancillary documents / materials		X	N/A
e. Legal documents		X	
f. Policies and Procedures		X	
g. Forms and Templates		X	N/A

2. Order P.66 Item J.3.a.(3)(a)v: *"At least one example of a priority development project that was conditioned to meet SUSMP requirements and a description of the required BMPs."*

More specifically, please provide one example of a PDP with Major SWMP and a description of the required BMPs.

Example: COC Development Phase 1B The COC Development projects include bio-swales, existing sites with porous pavement. Post construction efforts include connection to underground storm water filtration tanks.

Note: This project may be subject to an audit at a later time.

B. SWMP Project Inventory

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

It is suggested to update the attached Excel table headers to include 1-6 below.

1. Order P.66 Item J.3.a.(3)(a)ii: ***“Confirmation that all development projects were required to undergo the Copermittee’s urban runoff approval process and meet the applicable project requirements, including a description of how this information was tracked.”***

More specifically, at project intake, are all projects reviewed for SUSMP applicability?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below:

Noted in Stormwater Inspector/ Engineer files and Project Manager files.

2. Order P.66 Item J.3.a.(3)(a)iii: ***“A listing of the development projects to which SUSMP requirements were applied.”***

More specifically, each project should include adequate data fields to track project such as:

- a) Project identifier, name, type, project number and APN;
- b) Issue and completion date;
- c) SWMP type (Major/Minor);
- d) Numeric watershed designation (hydrologic unit); and
- e) Indication if treatment control BMPs are proposed or approved (Y/N) and maintenance agreement category, if applicable.
- f)

More specifically, has the above requirements been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

3. Order P.66 Item J.3.a.(3)(a)iv: ***“Confirmation that all applicable SUSMP BMP requirements were applied to all priority development projects, including a description of how this information was tracked.”***

More specifically, for projects with Major SWMPs, are all applicable BMPs applied?

YES ☒ NO ☐

If yes, how is it tracked; if no, explain below:

Tracked in weekly stormwater inspection reports by Stormwater Inspectors. These are filed in central electronic files and are retained by Project Managers in the central project files. BMPs are also tracked as standing discussion topic at regular project meetings with the contractor(s).

4. Order P.66 Item J.3.a.(3)(a)vi: ***“A listing of the priority development projects which were allowed to implement treatment control BMPs with low removal efficiency rankings, including the feasibility analyses which were conducted to exhibit that more effective BMPs were infeasible.”***

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

More specifically, did any Major SWMP list a “low removal efficiency” BMP (noted in Major SWMP form Table 14, right column on page 33)?

YES NO ☒ X

If yes, please provide details of the feasibility analyses to exhibit that more effective BMPs were infeasible (see Major SWMP page 32 box):

Copy/paste feasibility analyses: N/A

Note: if multiple projects used a “low” BMP, submit a separate document/spreadsheet.

5. Note: This requirement does not apply to DGS Design.

Order P.66 Item J.3.a.(3)(a)x: ***“Confirmation that BMP verification was conducted for all priority development projects prior to occupancy, including a description of how this information was tracked.”***

More specifically, for project closure, were BMPs verified prior to occupancy/use?

N/A ☒

If yes, how is it tracked; if no, explain below:

6. a. Order P.66 Item J.3.a.(3)(a)xi: ***“A listing of any projects which received a SUSMP waiver.”***

b. Order P.66 Item J.3.a.(3)(a)xii: ***“A description of implementation of any SUSMP waiver mitigation program.”***

More specifically, for the above two requirements, were any PDP projects waived from SUSMP requirements?

YES ☐ NO ☒

If yes, please submit a list of these projects, including an explanation for each waiver.

7. Order P.66 Item J.3.a.(3)(a)xiv: ***“A listing of development projects required to meet HMP requirements, including a description of hydrologic control measures implemented.”***

More specifically, please update the excel spreadsheet with projects that Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

Has the above requirement been updated in the attached excel spreadsheet?

YES ☒ NO ☐

If no, explain below:

8. Order P.66 Item J.3.a.(3)(a)xv: ***“A listing of priority development projects not required to meet HMP requirements, including a description of why the projects were found to be exempt from the requirements.”***

More specifically, were any projects found exempt from HMP or grandfathered and found infeasible?

YES X NO

COC Development Phase 1B (1011214)	BOS ltr 4/08/08 (7)

If yes, update attached excel sheet and describe why below: Noted in spreadsheet. All projects were completed prior to HMP going into effect, were grandfathered under previous regulations, or met interim HMP requirements.

9. Order P.66 Item J.3(a)xvi: ***“A listing of development projects disturbing 50 acres or more, including information on whether Interim Hydromodification Criteria were met by each of the projects, together with a description of hydrologic control measures implemented for each applicable project.”***

Interim Hydromodification Criteria period was in effect until the date Final Hydromodification Management Plan (Final HMP) became effective on January 8, 2011. This requirement is applicable for this JURMP period for projects that received their vesting rights under the interim criteria.

Please update the excel spreadsheet with projects that Interim Hydromodification was applied and include a description of BMP/LID by which this requirement was satisfied.

Has the above requirement been updated in the attached excel spreadsheet?

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[Requirements of NPDES Order P.66 Section J.3.a(3)(a)]

http://www.projectcleanwater.org/pdf/permit_r9-2007-0001.pdf

YES ☒ NO ☐

If no, explain below: