

LOS ANGELES DISTRICT
U.S. ARMY CORPS OF ENGINEERS

**DEPARTMENT OF THE ARMY
REGIONAL GENERAL PERMIT NUMBER 92
VENTURA COUNTY WATERSHED PROTECTION DISTRICT
ROUTINE MAINTENANCE ACTIVITIES**

Permittee: Ventura County Watershed Protection District (VCWPD)
Permit Number: Regional General Permit (RGP) No. 92 (SPL-2008-00052-AJS)
Issuing Office: Los Angeles District
Issuance Date: February 13, 2013

Note: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official acting under the authority of the commanding officer. "Maintenance year" is the period beginning July 1 and extending through June 30 of the following year in which maintenance activities are authorized by this RGP.

After receipt of a Notice to Proceed from this office verifying that your specific maintenance activities comply with the terms and conditions of this RGP, you are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: RGP 92 authorizes routine maintenance of VCWPD facilities including basins, channels, grade control structures, stream gauges, levees, bank protection, culverts and appurtenant structures of all of the above that involve a discharge of fill material into waters of the United States pursuant to Section 404 of the Clean Water Act of 1972 or work within navigable waters of the United States pursuant to Section 10 of the Rivers and Harbors Act of 1899. Authorized maintenance includes in-kind structural repairs, sediment removal, vegetation removal (including mechanized and herbicide application), erosion repair and temporary surface water diversions to facilitate maintenance and repairs. A complete list of facilities covered by this RGP is attached as Appendix 1. In addition, RGP 92 authorizes periodic implementation of the "Beach Elevation Management Plan" adjacent to the Ormond Lagoon at Ormond Beach, near the City of Port Hueneme.

Specifically, you are authorized to:

1. Excavate accumulated sediment on an as-needed basis from debris and detention basins included on the list of facilities in order to restore design capacity. Basin maintenance also includes in-kind repairs to dams, basin slopes, intakes and outlets.
2. Maintain linear facilities to design configuration including sediment removal, vegetation clearing within 15 feet of structures, erosion repair, and in-kind structural repair. Linear facilities include fully lined, partially lined and maintained earthen channels and associated features included on the list of facilities.
3. Maintain stream gauges, including flow gauges and water quality monitoring stations included on the list of facilities. Maintenance includes vegetation clearing upstream and downstream of the gauge or station to ensure proper function (typically 50 feet).
4. Install temporary surface water diversions to facilitate routine maintenance activities.
5. Conduct periodic grooming of natural beach sand berm between the Ormond Lagoon and the Pacific Ocean in accordance with the the Beach Elevation Management Plan to prevent flooding to property adjacent to the Ormond Lagoon.

Project Location: VCWPD-managed facilities throughout Ventura County, California (Figure 1).

Permit Conditions:

General Conditions:

1. The time limit for completing the authorized activity ends on **February 13, 2018**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification from this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. You must comply with the conditions specified in the water quality certification as special conditions to this permit. For your convenience, a copy of the certification is attached.

5. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of your permit.

Special Conditions:

1. No maintenance activity authorized under this RGP shall be implemented until the permittee receives written notification from the Corps (in the form of a notice to proceed) verifying compliance with the terms and conditions of the RGP. The Corps may at its discretion include additional project-specific special conditions in the notice to proceed to ensure impacts are minimal. The notice to proceed will also indicate whether any specific maintenance activity or activities do not comply with the RGP. The permittee may elect to modify such activities to meet the terms and conditions of the RGP or to apply for separate authorization under an alternative permit process (i.e. nationwide permit, standard individual permit, or other RGP).

2. The permittee shall submit annual maintenance plans by April 1 of each year providing the following information for all maintenance activities proposed for the upcoming maintenance year. Supplemental plans may be submitted to address maintenance actions that are unforeseen at the time of the annual plan submission. Activities proposed in any supplemental plan(s) shall also require written verification from the Corps before work is authorized to begin. Annual maintenance plans and any supplements shall also be provided to the Los Angeles Regional Water Quality Control Board, California Coastal Commission Office of Federal Compliance, U.S. Fish & Wildlife Service (FWS) and National Marine Fisheries Service (NMFS). Annual maintenance plans and any supplements shall include the following information:

- a. List of proposed maintenance activities to be implemented during the upcoming maintenance year including the name of each facility where maintenance is proposed and the need for each maintenance activity;
- b. maps and drawings clearly depicting location, proposed work limits and impacts of each maintenance activity prepared in accordance with the Corps Los Angeles District Map and Drawing Standards;
- c. environmental BMPs to be implemented at each maintenance activity;
- d. total area of temporary impacts to waters of the United States and associated habitat types at each maintenance activity;
- e. total area of permanent impact to waters of the United States and associated habitat types at each maintenance activity;
- f. approximate dates and duration of each maintenance activity;
- g. proposed compensatory mitigation (if required);
- h. extent of any suitable habitat for federally listed threatened and endangered species in the project vicinity including but not limited to designated critical habitat;
- i. disposal sites for any sediment/debris excavated from a facility in excess of 25 cubic yards.

3. The permittee shall submit a compliance report of all maintenance activities authorized under the RGP during the previous maintenance year no later than August 1 following each maintenance year during which maintenance activities authorized under this RGP are conducted. The compliance report shall include the following information:

- a. Summary of all authorized maintenance activities completed under the RGP;
- b. summary of any authorized maintenance activities not completed and their status (postponed, in-progress, etc);
- c. compliance with BMPs applied to each completed maintenance activity;
- d. results of pre-project biological surveys and biological monitoring during construction;
- e. compliance with RGP special conditions;
- f. representative photographs of completed maintenance activities;
- g. monitoring reports for any approved permittee-responsible compensatory mitigation implemented for activities authorized under the RGP in accordance with the special conditions included at the time of approval;
- h. all instances of non-compliance with the terms and conditions of the RGP and/or special conditions included in the notice to proceed.

4. This Corps permit does not authorize you to take the following threatened and endangered species: Coastal California gnatcatcher (*Polioptila californica californica*), least Bell's vireo (*Vireo bellii pusillus*), southwestern willow flycatcher (*Empidonax traillii extimus*), California least tern (*Sternula antillarum browni*), western snowy plover (*Charadrius nivosus nivosus*), California red-legged frog (*Rana draytonii*), tidewater goby (*Eucyclogobius newberryi*), southern steelhead trout (*Oncorhynchus mykiss*), Gambel's watercress (*Nasturtium [Rorippa] gambellii*), and marsh sandwort (*Arenaria paludicola*); or to adversely modify designated critical habitat for the coastal California gnatcatcher, western snowy plover, California red-legged frog, tidewater goby, and southern steelhead trout. In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g. ESA Section 10 permit, or a Biological Opinion (BO) under ESA Section 7, with "incidental take" provisions with which you must comply). The enclosed FWS and NMFS BOs (nos. 8-8-11F/C-12 and 2012/02834, respectively) contain mandatory terms and conditions to implement the reasonable and prudent measures that are associated with incidental take that is also specified in the BO. Your authorization under this Corps permit is conditional upon your compliance with all of the mandatory terms and conditions associated with incidental take of the attached BOs, which terms and conditions are incorporated by reference in this permit. Failure to comply with the terms and conditions associated with incidental take of the BO, where a take of the listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your Corps permit. The FWS and NMFS are the appropriate authorities to determine compliance with the terms and conditions of their respective BOs and with the ESA.

5. The permittee shall fully implement all environmental BMPs as applied to each maintenance activity described in the annual work plan and any addenda.

6. Beach grooming activity at Ormond Beach authorized under this RGP shall follow the "Beach Elevation and Management Plan" including all avoidance and minimization measures as described in Section 3.7 of the "Final Environmental Impact Report J Street Drain Project Ventura County, California" prepared by HDR Engineering and dated January 2012, and revised access plans dated February 2013.

7. Any temporary surface water diversions required to implement authorized maintenance activities shall adhere to the "Water Diversion Guide for the Program Environmental Impact Report" prepared on behalf of VCWPD by URS and dated November 2007.

Further Information:

1. Congressional Authorities. You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

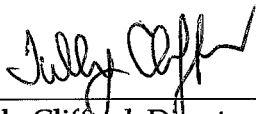
b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give you favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this regional general permit.

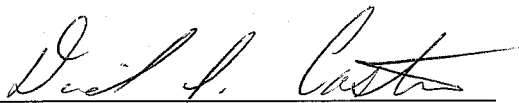


Tully Clifford, Director
Ventura County Watershed Protection District

2/19/2013

DATE

This regional general permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



David J. Castanon, Chief
Regulatory Division
Los Angeles District

2-14-13

DATE

1. INDEX OF FACILITIES WITH WORK CODES

Zone 1: Ventura River Watershed			
List #	Facility Name	Reaches	Work Codes
1	Cozy Dell/ McDonald Canyon/ Bypass & Dam	41311/ 41301, 41302, 41303/ 41911	PS41, PS42, PT21, PT26, PT34-37, PT41, PT42, PT43, PT44, PT45, PT55, PT89, PT32, PT70,
2	Dent Drain/ Dent 2°/ Dent Debris Basin	41121, 41122, 41124/ 41721/ 41903	PS41, PS42, PT21, PT26, PT32, PT34-37, PT41, PT42, PT43, PT53, PT55, PT76, PT80, PT89, PT92, PT61, PT70, PT25, PT40, PT44, PT45, PT56, PT57, PT66, PT77, PT88
3	Fox Canyon	41421, 41422, 41423, 41424	PT23, PT24, PT28, PT32, PT41, PT61
4	Happy Valley Drain/ Happy Valley Drain South	41281, 41282, 41283, 41284, 41285/ 41264	PS41, PS42, PT21, PT26, PT28, PT32, PT41, PT42, PT43, PT53, PT55, PT60, PT76, PT80, PT89, PT92, PT24, PT26, PT61, PT64, PT65, PT77
5	Howard Ave 2°	41717	PS41, PS42, PT32, PT34, PT41, PT42, PT43, PT45, PT48, PT76, PT89, PT92
6	Kenewa St. 2°	41716	PS41, PS42, PT26, PT28, PT32, PT41, PT42, PT43, PT61, PT76, PT89
7	Live Oak Creek Diversion & Dam	41217, 41218, 41904	PT34, PT 36, PT41, PT42, PT43, PT44, PT45, PT53, PT55, PT61, PT66, PT70, PT76, PT85, PT89, PT92 PS41, PS42, PT24, PT25, PT60, PT96
8	Matilija Dam	41901	PS41, PS42, PT25, PT32, PT34, PT40, PT41, PT42, PT43, PT44, PT45, PT53, PT55, PT56, PT57, PT66, PT70, PT76, PT77, PT80, PT88, PT89, PT92
9	Matilija Hot Springs Gauge Maintenance	602	PT21, PT22, PT32, PT42, PT43, PT89
10	Mirror Lake Drain/ Tributary	41231, 41232/ 41241	PS41, PS42, PT32, PT34, PT41, PT42, PT43, PT48, PT61, PT76, PT83, PT89, PT92, PT21, PT53, PT55
11	North Fork Matilija Creek Stream Gauge	604	PT21, PT22, PT32, PT42, PT43, PT89
12	Oakview Drain	41205	PS41, PS42, PT29, PT41, PT42, PT43, PT76, PT77, PT85, PT89
13	Prince Barranca/ San Jon Barranca	41561, 41562, 41563, 41564/ 41551, 41552, 41553 41554	PS41, PS42, PT28, PT32, PT41, PT42, PT43, PT53, PT55, PT60, PT64, PT65, PT76, PT77, PT89, PT93, PT26, PT34, PT48, PT61, PT62, PT66, PT70, PT83, PT92, PT26, PT24
14	San Antonio Creek at Casitas Springs Stream Gauge	605	PT21, PT22, PT32, PT42, PT43, PT89
15	Skyline Drain/ Felix Drive 2°	41221, 41222, 41223, 41224, 41712	PS41, PS42, PT26, PT28, PT32, PT41, PT42, PT43, PT45, PT48, PT60, PT61, PT65, PT70, PT76, PT89, PT92
16	Stewart Canyon/ Stewart Debris Basin	41411, 41412, 41413, 41414/ 41902	PS41, PS42, PT26, PT28, PT35-37, PT41, PT42, PT43, PT45, PT48, PT53, PT57, PT60, PT61, PT64, PT76, PT80, PT89, PT90, PT92, PT55, PT56, PT62, PT25, PT32, PT34, PT40, PT44, PT66, PT70, PT77, PT88
17	Thacher Creek at Boardman Road Stream Gauge	669	PT21, PT22, PT32, PT42, PT43, PT89
18	Thatcher Creek	41443	PS41, PS42, PT21, PT34, PT41, PT42, PT43, PT45, PT48, PT60, PT66, PT68, PT70, PT76, PT77, PT80, PT89, PT92
19	Ventura River at Foster Park Stream Gauge	608	PT21, PT22, PT32, PT42, PT43, PT89
20	Ventura River Bank-Protection downstream of-Foster Park/ Vince St. 2°/ Stanley Ave Drain/ Simpson St. 2°/ Ramona St. 2°/ Peking 2°/ Parkview Drive 2°/ Harrison 2°/ Fresno Canyon & Basin/ Freeway Side Drains 1-5/ Cal-Trans 2°/ Canada Larga/ Canada de San Joaquin/	41011, 41012, 41015/ 41732/ 41110/ 41731/ 41730/ 41729/ 41727/ 41751, 41752, 41753, 41754, 41755/ 41728/ 41152/ 41131, 41134	PS41, PS42, PT41, PT42, PT26, PT43, PT48, PT53, PT55, PT66, PT70, PT76, PT89, PT92, PT32, PT34, PT56, PT58, PT61, PT62, PT65, PT80, PT64

1. INDEX OF FACILITIES WITH WORK CODES

21	Ventura River Bank Protection u/s of Foster Park/ Parkview Drive 2°/ Fresno Canyon & Basin	41021, 41023, 41031, 41032, 41041/ 41701/ 41181, 41182	PS41, PS42, PT25,PT35-37, PT41, PT42, PT43, PT48, PT60, PT61, PT65, PT70, PT76, PT89, PT25, PT32, PT34, PT40, PT43, PT44, PT45, PT53, PT55, PT57, PT66, PT77, PT80, PT88, PT92
22	Stream gage at Ojai Valley Sanitary District bank protection site	41016 (new)	PT22, PT32, PT 41, PT42, PT43, PT45

1. INDEX OF FACILITIES WITH WORK CODES

Zone 2: Santa Clara River Watershed

List #	Facility Name	Reaches	Work Codes
1	Adams Debris Basin	43906	PS41, PS42, PT25, PT32, PT34, PT35-37, PT40, PT41, PT42, PT43, PT44, PT45, PT53, PT55, PT56, PT57, PT66, PT70, PT76, PT77, PT80, PT88, PT89, PT92
2	Arundell Barranca/ Det. Basin/ Reservoir Barranca/ Barlow Barranca/ Mills Road Drain/ Telephone Road Drain	42401, 42402, 42403, 42404, 42405, 42406, 42407, 42408, 42409, 42901/ 42441, 42421/ 42411/ 42432	PS41, PS42, PT26, PT28, PT32, PT35-37, PT41, PT42, PT43, PT45, PT48, PT53, PT55, PT60, PT61, PT76, PT80, PT89, PT92, PT34, PT64, PT77, PT93, PT20, PT70, PT25, PT40, PT44, PT57, PT66, PT29, PT85
3	Bardsdale Ditch, Santa Clara River Levee	43161/ 42037	PS41, PS42, PT21, PT34, PT41, PT42, PT43, PT45, PT53, PT55, PT56, PT65, PT66, PT80, PT89,
4	Basolo Ditch	43191	PS41, PS42, PT21, PT23, PT34, PT41, PT42, PT43, PT48, PT53, PT55, PT56, PT61, PT89, PT92
5	Beardsley Wash/ Camarillo Hills Drain/ Nyeland Drain, Nyeland Trib. Lateral A/ Santa Clara Ave. Drain & Diversion/ Revelon Slough/ Wright Road	42151, 42152, 42154/ 42131/ 42161, 42162, 42171/ 42191, 42192, 42193, 42181/ 42101, 42102, 42104/ 42201	PS41, PS42, PT26, PT27, PT28, PT32, PT34, PT41, PT42, PT43, PT53, PT55, PT56, PT58, PT60, PT61, PT64, PT65, PT66, PT76, PT77, PT85, PT89, PT92, PT47, PT25, PT80, PT23, PT70, PT74, PT62, PT31, PT40, PT44, PT88,
6	Brown Barranca/ Saticoy Drain & 2°	42511, 42512, 42514/ 42521, 42522, 42702	PS41, PS42, PT22, PT32, PT34, PT41, PT42, PT43, PT48, PT53, PT70, PT74, PT77, PT89, PT92, PT56, PT57, PT60, PT61, PT64, PT66, PT80, PT90, PT83
7	Cavin Road Drain/ Debris Basin	43221, 43222/ 43902	PS41, PS42, PT21, PT28, PT35-37, PT41, PT42, PT43, PT49, PT89, PT92, PT32, PT25, PT34, PT40, PT44, PT45, PT53, PT55, PT56, PT57, PT66, PT70, PT76, PT77, PT80, PT88
8	Doris Drain	42381	PS41, PS42, PT26, PT28, PT32, PT34, PT41, PT42, PT43, PT47, PT53, PT55, PT56, PT58, PT60, PT61, PT64, PT65, PT66, PT70, PT77, PT83, PT85, PT89, PT92
9	Ellsworth Barranca	42552	PS41, PS42, PT41, PT42, PT74, PT89
10	Fagan Canyon/ Debris Basin	43051, 43052, 43053, 43054, 43055, 43056/ 43907	PS41, PS42, PT20, PT21, PT32, PT34, PT35-37, PT41, PT42, PT43, PT48, PT53, PT55, PT76, PT89, PT92, PT26, PT28, PT60, PT61, PT64, PT77, PT70, PT74, PT25, PT40, PT44, PT45, PT56, PT57, PT66, PT80, PT88
11	Franklin Barranca/ Debris Basin/ Wason Barranca	42531, 42532, 42534/ 42902/ 42537, 42541/ 42542	PS41, PS42, PT25, PT32, PT34, PT35-37, PT40, PT41, PT42, PT43, PT44, PT45, PT53, PT55, PT56, PT57, PT66, PT70, PT72, PT76, PT77, PT80, PT83, PT88, PT89, PT92, PT20, PT21, PT60, PT74, PT24, PT26, PT28, PT48, PT60, PT61, PT64, PT85, PT22
12	Grimes Canyon	43181, 43182	PS41, PS42, PT20, PT21, PT26, PT34, PT41, PT42, PT43, PT55, PT56, PT61, PT62, PT65, PT87, PT89, PT92, PT24, PT28, PT32, PT48, PT60, PT64, PT66, PT76, PT77, PT80, PT85

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13	Harmon Barranca/ Ondulando Barranca	42471, 42472, 42473, 42474, 42475, 42476, 42477, 42478/ 42482	PS41, PS42, PT20, PT21, PT41, PT42, PT43, PT49, PT55, PT56, PT60, PT64, PT70, PT77, PT89, PT92, PT32, PT34, PT53, PT80, PT44, PT48, PT61, PT66, PT76
14	Hueneme Drain/ Hueneme Pump Station/ J St. Drain	42332/ 42331/ 42321, 42322	PS41, PS42, PT21, PT23, PT28, PT29, PT41, PT42, PT43, PT53, PT55, PT56, PT57, PT60, PT61, PT70, PT74, PT76, PT77, PT86, PT89, PT26, PT32, PT64, PT83, PT87, PT92, PT22, PT32, PT45, PT64, PT65, PT66, PT92, PT26
15	Oxnard Industrial Drain/ Rice Road Drain	42301, 42302, 42303, 42304/ 42311, 42312, 42313, 42314, 42317, 42318, 42319	PS41, PS42, PT41, PT42, PT43, PT53, PT55, PT56, PT57, PT61, PT64, PT89, PT24, PT26, PT28, PT32, PT34, PT49, PT60, PT76, T92, PT58, PT80, PT83, PT85, PT87, PT45, PT62, PT65, PT66, PT23, PT58
16	Oxnard West Drain/ West Wooley Road Drain	42351, 42352, 42353, 42354, 42355/ 42361, 42362	PS41, PS42, PT24, PT28, PT32, PT41, PT42, PT43, PT45, PT60, PT61, PT64, PT85, PT89, PT92, PT76, PT87, PT26, PT93, PT34, T53, PT55
17	Peck Road Drain	43041, 43042, 43043	PS41, PS42, PT26, PT28, PT41, PT42, PT43, PT45, PT48, PT53, PT55, PT60, PT61, PT89, PT92, PT76, PT77
18	Piru Storage & Stockpile	43009	PS41, PS42, PT41, PT42, PT31, PT34, PT43, PT44, PT53, PT55, PT56, PT57, PT60, PT64, PT66, PT70, PT76, PT88, PT89
19	Pole Creek/ Debris Basin	43201, 43202, 43203, 43204/ 43905	PS41, PS42, PT25, PT32, PT34, PT35-37, PT40, PT41, PT42, PT43, PT44, PT45, PT53, PT55, PT56, PT57, PT66, PT70, PT76, PT77, PT80, PT88, PT89, PT92, PT21, PT23, PT26, PT28, PT31, PT60, PT61, PT64, PT65, PT87, PT24
20	Real Canyon/ Debris Basin/ Warring Wash/ Warring Wash South/ & Basin	43251, 43252, 43253, 43254, 43255/ 43903/ 43261, 43262, 43263/ 43271/ 43904	PS41, PS42, PT26, PT28, PT34, PT35-37PT41, PT42, PT43, PT48, PT53, PT55, PT57, PT60, PT61, PT64, PT76, PT89, PT92, PT24, PT49, PT22, PT56, PT66, PT74, PT80, PT32, PT44, PT45, PT65, PT21, PT25, PT40, PT70, PT77, PT88, PT23, PT72
21	Santa Clara River at 12th St. Bridge Stream Gauge	720	PT21, PT22, PT32, PT42, PT43, PT89
22	Santa Clara River at UWCD Freeman Diversion Stream Gg.	724	PT21, PT22, PT32, PT42, PT43, PT89
23	Santa Clara River at Victoria Avenue Bridge Stream Gauge	723	PT21, PT22, PT32, PT42, PT43, PT89
24	Santa Clara River Levee- Harbor Blvd. To Freeman Diversion/ Central Avenue Drain/ Clark Barranca/ Sudden Barranca/ Victoria Ave. Drain/ North El Rio Drain/ El Rio Drain/ Moon Ditch/ Montalvo Golf Course	42012, 42017, 42018, 42021, 42025, 42031/ 42205, 42206/ 42491, 42492, 42493, 42494/ 42501, 42502, 42504, 42505, 42506/ 42704/ 42395/ 42391/ 42461, 42462, 42463/ 42701	PS41, PS42, PT34, PT41, PT42, PT43, PT53, PT55, PT64, PT70, PT72, PT89, PT32, PT44, PT60, PT80, PT92, PT45, PT48, PT56, PT66, PT76, PT24, PT28, PT57, PT61, PT65, PT88, PT62, PT26, PT40, PT20, PT21, PT60, PT77, PT85, PT87, PT49
25	Santa Clara River Levee- upstream of Freeman- Div.	42035, 42036, 42037	PS41, PS42, PT32, PT41, PT42, PT43, PT53, PT55, PT70, PT72, PT77, PT89, PT44

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26	Santa Paula Creek	43061, 43062, 42037	PS41, PS42, PT25, PT26, PT27, PT28, PT41, PT42, PT43, PT48, PT60, PT61, PT62, PT64, PT65, PT66, PT89, PT92, PT28, PT34, PT40, PT53, PT76, PT44
27	Santa Paula Creek at Mupu Bridge Stream Gauge	709	PT21, PT22, PT32, PT42, PT43, PT89
28	Saticoy Storage & Stockpile	42209	PS41, PS42, PT41, PT42, PT31, PT34, PT43, PT44, PT53, PT55, PT56, PT57, PT60, PT64, PT66, PT70, PT76, PT88, PT89
29	Sespe Creek, Levee/ Jepson Wash/ Jepson Basin/ Keefe Ditch	43308, 43305, 43306/ 43351, 43352/ 43901/ 43361, 43362	PS41, PS42, PT31, PT35-37 PT41, PT42, PT43, PT48, PT53, PT55, PT56, PT60, PT61, PT64, PT66, PT72, PT80, PT89, PT98, PT70, PT76, PT32, PT34, PT45, PT62, PT65, PT20, PT21, PT92, PT26, PT28, PT74, PT25, PT40, PT44, PT57, PT77, PT88, PT23, PT24, PT87
30	Silver Strand Drain & Pump Station	42342, 42346, 43249	PT29, PT32, PT43, PT64, PT76, PT80, PT83, PT86, PT89, PT92
31	Todd Barranca at Telegraph Rd Bridge Stream Gauge	738	PT21, PT22, PT32, PT42, PT43, PT89
32	Willard Road Drain 2°	43701	PS41, PS42, PT20, PT21, PT34, PT41, PT42, PT43, PT53, PT55, PT89, PT92

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Zone 3: Calleguas Creek Watershed

List #	Facility Name	Reaches	Work Codes
1	Arroyo Colorado/ Beardsley Wash	45271/ 45241, 45243, 45245, 45247, 45248	PS41, PS42, PT28,PT32, PT34,PT41, PT42, PT43, PT45, PT53, PT55, PT56, PT61, PT64, PT66, PT74, PT76, PT80,PT89, PT92
2	Arroyo Conejo N Fork & Trib./ Waverly Channel/ Castano Channel & Tributary/ Olsen Channel	46161, 46164, 46165, 46167, 46171, 46172/ 46202, 46203/ 46181, 46182, 46183, 46191, 46192/ 46151, 46152, 46153	PS41, PS42, PT23, PT24, PT26, PT28, PT32, PT33, PT34, PT41, PT42, PT43, PT44, PT45, PT47, PT49, PT53, PT55, PT57, PT60, PT61, PT64, PT76, PT77,
3	Arroyo Conejo / Park Drain/ Thousand Oaks N Drain/ Lynn Ranch 2°/ Erbes Road Drain/ Los Robles Drain. Cm Dos Rios 2°	46103, 46104, 46105, 46106, 46107, 46108/ 46211/ 46231, 46232, 46233, 46234, 46235/ 46749/ 46241/ 46251, 46252/ 46752	PS41, PS42, PT26, PT28, PT32, PT34, PT41, PT42, PT43, PT44, PT45, PT48, PT53, PT55, PT57, PT60, PT61, PT64, PT76, PT77, PT85, PT87, PT89, PT92
4	Arroyo Las Posas	45051, 45053, 45063, 45065	PS41, PS42, PT32, PT41, PT42, PT43, PT44, PT47, PT53, PT55, PT57, PT60, PT61, PT64, PT66, PT70, PT74, PT77,PT89, PT92
5	Arroyo Santa Rosa u/s Conejo Ck confluence/ Blanchard Road Drain, Arroyo Santa Rosa Stream Gauge at Blanchard Rd/ Rotsler Ditch 2°/ Duval Rd. Drain 2°/Santa Rosa No.4/Santa Rosa Road Deb. Basin	46072, 46073 ,46074, 46075, 46076, 46077/ 46702/ 46081, 46083, 46084, 46086/ 838 / 46701/ 45703/ 46709/ 46901, 46902	PS41, PS42, PT21,PT22, PT23, PT24, PT25, PT26, PT28, PT32, PT33, PT34, PT40, PT41, PT42, PT43, PT44, PT45, PT47, PT53, PT55, PT56, PT57, PT60, PT61, PT64, PT66, PT70, PT76, PT77, PT80, PT89, PT92
6	Arroyo Santa Rosa d/s Conejo Cr. Confluence	46071	PT23, PT24, PT28, PT32, PT41, PT42, PT61

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7	Arroyo Simi/ Stream Gauge at Hitch/ Brea Canyon/ Castro Williams Channel, Basin/ Moorpark #1 2°	47011, 47012, 47013, 47014, 47015, 47016, 47017, 47021, 47022, 47024, 47025, 47027, 47031, 47033, 47035, 47037, 47038/ 841/ 47311/ 47161, 47902/ 47701	PS41, PS42, PT21, PT22, PT23, PT24, PT25, PT26, PT28, PT32, PT33, PT34, PT40, PT41, PT42, PT43, PT44, PT45, PT47, PT48, PT49, PT53, PT55, PT56, PT57, PT60, PT61, PT62, PT64, PT65, PT66, PT70, PT74, PT76, PT77, PT80, PT85, PT88, PT89, PT92
8	Arroyo Simi/ Piedra Canyon/ Santa Susana Knolls Drain 2°/ Black Canyon 2°	47039/ 841/ 47571/ 47760/ 47750	PS41, PS42, PT21, PT28, PT32, PT41, PT42, PT43, PT53, PT55, PT60, PT61, PT64, PT65, PT76, PT77, P85, PT89, PT92
9	Bus Canyon/ Bus Canyon Tributary	47351, 47352, 47353, 47354, 47355/ 47361, 47362, 47363, 47364	PS41, PS42, PT26, PT28, PT32, PT41, PT42, PT43, PT45, PT48, PT49, PT53, PT55, PT56, PT57, PT60, PT61, PT64, PT65, PT76, PT77, PT89, PT92
10	Calleguas Creek/ Stream Gauge at CSUCI/ Stream Gauge at Hwy 101 Stream Gauge/ Long Canyon	45021, 45023, 45025 , 45027, 45033, 45035, 45037/ 805/ 806/	PS41, PS42, PT25, PT26, PT27, PT32, PT34, PT40, PT41, PT42, PT43, PT44, PT45, PT53, PT55, PT56, PT57, PT66, PT70, PT76, PT77, PT80, PT88, PT89, PT92, PT31, PT47, PT61, PT48, PT74, PT60, PT64, PT65

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11	Camarillo Hills Drain/ Edgemore Debris Basin/ Edgemore Drain/ Edgemore Tributary 2 ^o / Anacapa Drain/ W. Camarillo Hills Debris Basins E & W Branch/ W. Cam. Hills Drain/ Mission Drain/ Ponderosa Drain/ Las Posas Estates Det. Basin/ Las Posas Estates Drain/ Las Posas Estates Diversion/ N. Ramona Place Drain/ Arneill Drain/ Crestview Drain/ Crestview Basin/ Ramona Det. Basin	45141, 45143, 45144, 45145, 45147, 45148/ 45902/ 45161, 45163/ 45701/ 45211/ 45904, 45903/ 45171, 45173, 45175/ 45181, 45183/ 45191, 45192/ 45906/ 45224, 45225/ 45226/ 45231/ 45201/ 45151, 45153, 45155/ 45901/ 45907	PS41, PS42, PT23, PT32, PT34, PT35-37, PT41, PT42, PT43, PT57, PT60, PT61, PT64, PT70, PT76, PT77, PT89, PT92, PT21, PT22, PT24, PT27, PT28, PT45, PT53, PT55, PT85, PT32, PT26, PT65, PT25, PT40, PT44, PT47, PT56, PT66, PT80, PT88, PT62, PT25, PT32, PT34, PT40, PT44, PT66, PT70, PT76, PT77, PT80, PT88, PT89, PT92
12	Conejo Creek/ Mission Oaks Drain/ East Camarillo Drain/ Upland Road Drain	45141, 45143, 45144, 45145, 45147, 45148/ 45902/ 45161, 45163/ 45701/ 45211/ 45904, 45903/ 45171, 45173, 45175/ 45181, 45183/ 45191, 45192/ 45906/ 45224, 45225/ 45226/ 45231/ 45201/ 45151, 45153, 45155/ 45901/ 45907	PS41, PS42, PT23, PT26, PT32, PT33, PT34, PT41, PT42, PT43, PT44, PT47, PT53, PT55, PT56, PT57, PT60, PT61, PT62, PT64, PT66, PT70, PT74, PT76, PT77, PT89, PT92
13	Conejo Mountain Creek/ Debris Basins #1 - #5	46121, 46906, 46907, 46908, 46909, 46910	PT23, PT24, PT28, PT32, PT36, PT41, PT42, PT61
14	Coyote Canyon/ Coyote Basin/ Puerta Zuela Barranca & Basin	45522/ 45911/45531, 45912	PT23, PT24, PT28, PT32, PT 35-37, PT41, PT42, PT61

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15	Dry Canyon Channel /Tributary	47381, 47382, 47383, 47384, 47385, 47386, 47387/ 47391	PS41, PS42, PT28, PT41, PT42, PT43, PT44, PT45, PT47, PT48, PT49, PT53, PT55, PT57, PT60, PT61, PT64, PT65, PT70, PT74, PT76, PT77, PT85, PT89, PT92
16	Erringer Road Drain/ Basin	47371,47373, 47375/ 47904	PS41, PS42, PT23, PT24, PT26, PT28, PT32, PT35-37, PT41, PT42, PT43, PT45, PT60, PT61, PT64, PT65, PT76, PT77, PT87, PT89, PT92
17	Ferro Ditch/ Ferro Basin	45301/ 45908	PS41, PS42, PT23, PT24, PT28, PT32, PT34, PT35-37, PT41, PT42, PT53, PT61, PT74, PT76, PT77, PT89, PT92
18	Flood Street	49059	PS41, PS42, PT42, PT43, PT45, PT57, PT60, PT61, PT64, PT76, PT89, PT92
19	Fox Barranca/ Debris Basin	45503, 45505, 45910	PT23, PT24, PT28, PT32, PT35-37, PT41, PT42,
20	Gabbert Canyon/ Debris Basin/ Moorpark Storm Drain #1 & #2/ Walnut Canyon	47101, 47102, 47103/ 47901/ 47141, 47151/ 47111, 47112, 47114, 47116	PS41, PS42, PT23, PT24, PT26, PT28, PT32, PT33, PT34, PT41, PT 35-37, PT42, PT43, PT47, PT49, PT53, PT55, PT56, PT60, PT61, PT64, PT66, PT76, PT77, PT80, PT89, PT92
21	Groves Place Drop Structure	45913	PT38, PT42, PT43, PT60, PT61, PT74
22	Happy Camp Canyon	47172, 47174	PS41, PS42, PT23, PT24, PT25, PT26, PT32, PT33, PT34, PT41, PT42, PT43, PT44, PT48, PT49, PT53, PT55, PT56, PT60, PT61, PT64, PT65, PT76, PT77, PT89, PT92
23	Home Acres Dam/ Home Acres Drain/ Peach Hill Wash-Basin	47909/ 47131, 47133/ 47121, 47123	PS42, PT23, PT24, PT28, PT32, PT35-37, PT41, PT42, PT43, PT48, PT55, PT56, PT57, PT60, PT61, PT64, PT87, PT90, PT92

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24	Honda Barranca/ E. Fork/ Honda West Basin/ Santa Clara Ave Drain/ Milligan Barranca	45251, 45252, 45255/ 45261, 45262/ 45909/ 45293/ 45282, 45285, 45286	PS41, PS42, PT23, PT24, PT26, PT28, PT32, PT33, PT34, PT41,PT36, PT42, PT43, PT45, PT47, PT53, PT55, PT57, PT60, PT61, PT64, PT74, PT76, PT77, PT89, PT92
25	Hummingbird Creek/ White Oak Creek	47561, 47562, 47563/ 47551, 47552, 47553, 47554	PS41, PS42, PT26, PT28, PT32, PT41, PT42, PT43, PT45, PT47, PT53, PT55, PT56, PT60, PT61, PT64, PT76, PT77, PT87, PT89, PT92
26	Lang Creek/ Debris & Detention Basins	46221, 46222, 46223, 46224, 46225,46226/ DB3-31, DD3-31	PT21, PT22, PT23, PT24, PT28, PT32, PT35-37, PT41, PT42, PT43, PT61, PT89
27	Las Llajas Canyon/ Las Llajas Canyon Dam / Marr Diversion/ Kadota Fig Drain	47511, 47512, 47513/ 47908/ 47531, 47532/ 47521, 47522, 47523	PS41, PS42, PT23, PT24, PT28, PT32, PT34, PT35- 37, PT41, PT42, PT43, PT48, PT49, PT53, PT55, PT60, PT61, PT64, PT65, PT66, PT70, PT74, PT76, PT77, PT80, PT87, PT89, PT92
28	Lewis Road Drain	45431, 45432, 45433, 45434	PS41, PS42, PT28, PT32, PT34, PT41, PT42, PT43, PT53, PT55, PT76, PT77, PT89, PT92
29	Long Canyon	45567	PS41, PS42, PT23, PT24, PT26, PT28, PT32, PT34, PT41, PT42, PT43, PT53, PT55, PT60, PT61, PT64, PT74, PT76, PT77, PT89, PT92
30	No.2 Canyon, Basin	47201, 47202/ 47203	PS41, PS42, PT26, PT28, PT32, PT41, PT35-37, PT42, PT43, PT47, PT48, PT53, PT55, PT60, PT61, PT64, PT65, PT76, PT77, PT92

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31	North Simi Drain	47341, 47342, 47343, 47344, 47345	PS41, PS42, PT26, PT28, PT32, PT41, PT42, PT43, PT47, PT48, PT53, PT55, PT60, PT61, PT64, PT65, PT76, PT77, PT89, PT92
32	Pleasant Valley Rd. Drain	45133	PS41, PS42, PT24, PT26, PT28, PT32, PT34, PT41, PT42, PT47, PT64, PT66, PT77, PT89, PT92
33	Revelon Slough	45101, 45103, 45105	PS41, PS42, PT22, PT27, PT26, PT28, PT32, PT34, PT41, PT42, PT43, PT44, PT47, PT53, PT55, PT61, PT66, PT74, PT76, PT77, PT80, PT87, PT88, PT89, PT92
34	Runkle Canyon/ Debris Basin/ Storage & Stockpile Area/ Appleton Road Drain	47401, 47402, 47403, 47404/ 47907/ 47009/ 47411	PS41, PS42, PT23, PT24, PT28, PT32, PT35-37, PT41, PT42, PT43, PT44, PT47, PT48, PT53, PT55, PT56, PT57, PT60, PT61, PT64, PT65, PT76, PT77, PT89, PT92
35	Santa Susana W Drain/ Line C Det. Basin	47501, 47502, 47503/ DD3-30	PT23, PT24, PT28, PT32, PT41, PT42, PS41, PS42, PT43, PT53, PT55, PT60, PT61, PT64, PT76, PT89, PT92
36	Somis Drain/ Somis Drain East Tributary/ West Tributary	47501, 47502, 47503/ DD3-30	PS41, PS42, PT26, PT28, PT34, PT41, PT42, PT43, PT45, PT53, PT55, PT57, PT60, PT61, PT64, PT76, PT77, PT89, PT92
37	South Branch Arroyo Conejo/ (Reino) Debris Basin/ Newbury Park S.O. No. 1, 2/ Conejo Valley 2 ^o / Jenny Drive 2/ South Potrero Det & Debris Basin	46111, 46112, 46113, 46114, 46115, 46118, 46124/ DB3-22/ 46141, 46142, 46143, 46131, 46133/ 46801/ 46800/ DD3-24	PS41, PS42, PT26, PT28, PT32, PT34, PT35-37, PT41, PT42, PT43, PT44, PT53, PT55, PT60, PT61, PT64, PT72, PT76, PT77, PT89, PT92

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38	Strathearn Canyon	47182, 47184	PS41, PS42, PT26, PT28, PT41, PT42, PT43, PT44, PT48, PT49, PT53, PT55, PT56, PT60, PT61, PT64, PT65, PT76, PT77, PT85, PT89, PT92
39	Sycamore Canyon, & Dam/ Oak Canyon	47321, 47322, 47325/ 47903/ 47331	PS41, PS42, PT26, PT28, PT42, PT35-37, PT43, PT53, PT55, PT60, PT61, PT64, PT76, PT77, PT89, PT92
40	Tapo Canyon	47421, 47422, 47423, 47424, 47425	PS41, PS42, PT24, PT26, PT28, PT32, PT41, PT42, PT43, PT44, PT45, PT47, PT48, PT53, PT55, PT56, PT57, PT60, PT61, PT64, PT65, PT70, PT76, PT77, PT89, PT92
41	Tapo Hills Diversions Diversion / Basins #1 & #2	47421, 47432, 47433/ 47905, 47906	PS41, PS42, PT23, PT24, PT28, PT32, PT33, PT35-37, PT41, PT42, PT43, PT44, PT48, PT49, PT53, PT55, PT60, PT61, PT64, PT76, PT77, PT87, PT89, PT92
42	Arielle and Muirfield Debris Basins	47920, 47921	PS42, PT34, PT36, PT37, PT38, PT51, PT52, PT60, PT64, PT93

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Zone 4: Malibu Creek Watershed

List #	Facility Name	Reaches	Work Codes
1	Lake Eleanor Creek	48031	PS41, PS42, PT26, PT28, PT43, PT61, PT70, PT76, PT89, PT92
2	Medea Creek	48071, 48072	PS41, PS42, PT24, PT32, PT33, PT34, PT41, PT42, PT43, PT53, PT55, PT56, PT70, PT76, PT77, PT87, PT89, PT92
3	Potrero Creek/ Instream Basin	48021, 48023, 48025/ DB4-01	PS41, PS42, PT26, PT32, PT34, PT35-37, PT38, PT41, PT42, PT43, PT44, PT53, PT55, PT60, PT61, PT64, PT66, PT70, PT74, PT76, PT87, PT89, PT92
4	Schoolhouse 2	48041, 48042	No Maintenance

BMP 1. Avoid Channel Work During the Rainy Season. Routine maintenance and repair activities in earthen channels and in channels with soft bottoms and bank protection shall not occur during the rainy season December 1 to April 1 to avoid work when water could be present in the drainage due to runoff. Routine maintenance and repair activities may occur during this period if water is absent from the drainage because of low runoff conditions, or activities can be performed without working in flowing water. Work in flowing water during this period may proceed if there are no feasible alternatives and completion of the maintenance work during this time period is critical. Work in flowing water shall be conducted according to the BMPs established in the Water Diversion Guide attached as Appendix E to the Program EIR.

BMP 2. Prevent Discharge of Silt-Laden Water During Concrete Channel Cleaning. The removal of sediments, vegetation, algae, and trash from fully lined improved channels for purposes of NPDES storm water permit compliance shall include measures to prevent the discharge of silt-laden water or pollutants to downstream unimproved channels with soft bottoms (Board Order No. 10-0108; NPDES Permit No. CAS004002, adopted on July 8, 2010). These measures may include temporary downstream silt barriers (sand bags, straw bales, in-channel materials), silt fences, upstream diversion, etc. Per Section 401 Water Quality Certification requirements, a Water Diversion Plan would be needed for water diversion activities.

BMP 3. Location of Temporary Stockpiles. Temporary stockpiles outside the channels or debris basins shall be stabilized by compacting or other measures if present at the work site from December 1 to April 1. Silt fences, berms, or other methods shall be used to prevent sediments from being eroded from the temporary stockpile into the adjacent drainage. Temporary stockpiles may be placed in channel bottoms or debris basins if they are located on barren soil or areas with non-native weeds, and are not placed in such a manner that they would be exposed to flowing water. No temporary stockpiles shall be placed on the channel bed or banks during the period of 1 December to 1 April for more than the duration of the sediment removal work. Temporary stockpiles in the channel bottom shall be for a duration for one working day and not over night. Permanent stockpiles shall be located landward of the 100-year floodplain to the maximum extent feasible.

BMP 4. Survey for Habitat Prior to Routine Maintenance Work. Migratory nongame native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 C.F.R. Section 10.13). Sections 3503, 3503.5 and 3513 of the California Fish and Game Code prohibit take of all native birds and their active nests including raptors and other migratory nongame birds (as listed under the Federal MBTA).

Prior to routine maintenance and repair activities performed within or adjacent to an earthen or earthen bottom channel or in-channel structure during the period March 1 to September 15, a District biologist or consulting biologist shall determine if suitable habitat is present for native breeding birds in or within 300 feet of the work area. Suitable habitat is generally defined as dense or moderately dense willow or mulefat scrub or woodland,

but also includes moderately dense stands of non-native vegetation with sufficient density and vegetative structure to support nesting and foraging.

Prior to routine maintenance and repair activities performed within or adjacent to an earthen or earthen bottom channel or in-channel structure that would disrupt foraging or nesting of raptors during the period February 1 to September 15, a District biologist or consulting biologist shall survey the 500 feet radius around the project site for raptor nest initiation or occupation.

Channel cleanout shall be postponed to September 15 if such habitat is present in the work area or within 300 to 500 feet of the work area, or until nestlings have fledged if the District determines that riparian bird or raptor nesting is occurring in the habitat area. This restriction does not apply if the nesting birds are English house sparrows or other introduced species. If any native migratory (passerine) birds are found nesting within the 300 feet or any raptors are found nesting within 500 feet survey radius, the District shall consult with CDFG to develop a conservation plan of action. If any federally or state listed birds are found within 500 feet of the work area, Threatened and Endangered Species BMPs 44-46 (page 17 of this agreement) will be implemented.

BMP 5. Survey for Steelhead Migration Conditions and Sensitive Aquatic Species Prior to Routine Maintenance Work. Prior to maintenance and repair activities in a channel during the period 1 December to 1 June that require the diversion of stream flow, work in flowing water, or work within 100 feet of flowing water on the Ventura River, San Antonio Creek, Thacher Creek, Santa Clara River, Santa Paula Creek, Sespe Creek, Hopper Creek, Pole Creek (unlined portions), and Piru Creek, qualified District personnel shall determine if flow conditions (i.e., flow, depth, stream continuity) are potentially suitable for the upstream or downstream migration of southern steelhead in the work area. Surveys for all sensitive aquatic species that could potentially occur in the project area or could be impacted by the project (i.e. California red-legged frogs including egg masses and tadpoles, Arroyo chub, Arroyo toad, and Southwestern pond turtle) shall also be conducted by a qualified biologist during this same time period. The District shall immediately notify the regulatory agencies for consultation on specific mitigation actions upon finding sensitive species within, immediately adjacent to any work area, in areas that may be impacted by the routine maintenance work. Channel cleanout shall be postponed to June 1 if flows are sufficient for steelhead migration in the work area or within 100 feet of the work area. Per Section 401 Water Quality Certification requirements, a Water Diversion Plan would be needed for any water diversion activities.

BMP 6. Survey for Steelhead Rearing Habitat and Sensitive Aquatic Species Prior to Routine Maintenance Work. Prior to maintenance and repair activities in a channel during the period December 1 to June 1 that requires the diversion of stream flow, work in flowing water, or work within 100 feet of flowing water on the Ventura River, San Antonio Creek, Thacher Creek, Santa Clara River, Santa Paula Creek, Sespe Creek, Hopper Creek, Pole Creek (unlined portions), and Piru Creek, a District biologist or consulting biologist shall determine if suitable rearing habitat for steelhead is present in the work area or within 100 feet of the work area. If rearing habitat is present, District personnel shall determine if steelhead are present in the pools. If steelhead are not present, the work may proceed. If steelhead are present, the District shall follow

avoidance and/or relocation procedures approved by NOAA Fisheries for such maintenance work if the work will occur while fish are present. Surveys for all sensitive aquatic species that could potentially occur in the project area or could be impacted by the project (i.e. California red-legged frogs including egg masses and tadpoles, Arroyo chub, Arroyo toad, and Southwestern pond turtle) shall also be conducted by a qualified biologist during this same time period.

BMP 7. Continue Existing Procedures for Sediment Removal and Vegetation Control for Calleguas Creek, Conejo Creek, and Revolon Slough. The District shall continue its procedures for sediment removal and in-stream vegetation control along unimproved channels along Calleguas Creek, Conejo Creek, Revolon Slough, Arroyo Las Posas and generally throughout Zone 3 in accordance with previous Streambed Alteration Agreements 5-540-91, 5-542-91, 5-115-89, 5-270-92, 5-541-91, and 5-388-90 unless otherwise negotiated in the new long-term agreement. The terms of these agreements will supersede any conflicting conditions in other BMPs.

BMP 8. Avoid Disturbance to Native Beach or Wetland Species. The District shall avoid areas of beach dune vegetation when accessing storm drain outlets at the beach with vehicles for routine maintenance. The removal of native beach or wetland plants that are located at or near the beach outlet shall be minimized. Prior to the removal of obstructive sand or vegetation from a beach outlet, qualified District personnel shall determine if suitable habitat (i.e., a brackish waterbody) is present at the outlet for tidewater gobies, and if the species is present. In addition, qualified District personnel shall determine if suitable habitat is present along the vehicle access route across the beach for foraging or nesting snowy plovers and California least terns. If any of these sensitive species are present at the storm drain outlet or along the access route, the District will either postpone the routine maintenance work until these species are no longer present, or follow avoidance and/or relocation procedures approved by U.S. Fish and Wildlife Service (USFWS). This BMP shall not apply if there is a threat of a storm and the outlet is plugged. The District shall contact the regulatory agencies and USFWS when California least terns, snowy plover, or tidewater gobies are observed during the pre-project surveys for consultation.

BMP 9. Aquatic Pesticide BMPs. The District shall follow the most up-to-date Best Management Practices (BMPs) and the monitoring and reporting requirements in the District's NPDES Stormwater Quality Management Plan (Board Order No. R4-2010-0108; NPDES Permit No. CAS004002, adopted on July 8, 2010). The District shall also follow BMPs in the Ventura County Application Protocol for Pesticides, Fertilizers, and Herbicides.

BMP 10. Leave Vegetation on Upper Basin Slopes. The District shall not remove established vegetation on the basin slopes above the 20 percent capacity debris line except as follows: (1) the vegetation is non-native; (2) shrubs and trees become hazards to the stability and function of the basin; (3) the sediment meets or exceeds the 20 percent capacity line; (4) slope re-grading is required to correct or prevent rill erosion or other damage, (5) the vegetation is located on engineered fill, or (6) vegetation

constitutes a fire hazard to nearby properties.

BMP 11. Leave Patches of Vegetation in Channel Bottom. The District shall minimize vegetation removal or reduction from earthen or earthen bottom channels to the least amount necessary to achieve the specific maintenance objectives for the reach. Vegetation removal in the channel bottom shall be conducted in a non-continuous manner, allowing small patches of in-channel vegetation to persist provided it will not adversely affect conveyance capacity.

BMP 12. Leave Herbaceous Wetland Vegetation in Channel Bottom. Consistent with the maintenance objectives, the District shall avoid removal or reduction of emergent herbaceous wetland vegetation on the channel bottom that is rooted in or adjacent to the low flow channel or a pond in order to provide cover for aquatic wildlife. This same type of vegetation shall be protected during the removal of taller obstructive woody vegetation on the channel bottom.

BMP 13. Maximum 15-foot Vegetation-Free Zone at the Toe of the Bank. When reducing or removing vegetation from channel banks or bottoms for the sole purpose of visual access to inspect the toe of slopes with riprap or concrete, the District shall treat a maximum 15-foot wide zone from the base of the slope into the channel bottom.

BMP 14. Avoid Road Base Discharge. The District shall implement measures to prevent the discharge of road base, fill, sediments, and asphalt beyond a previously established road bed when working adjacent to channels and basin bottoms.

BMP 15. Mitigate/Replace Temporary Impacts to Habitat. For repair of in-channel structures and features that results in the temporary disturbance of native wetland or riparian vegetation adjacent to the facility, the District shall restore native wetland or riparian vegetation in the affected work areas after the repair or reconstruction work. Restoration shall include planting or seeding native plants that were present prior to the work and/or are compatible with existing riparian vegetation near the work area. The District shall prepare a restoration plan for each repair project that specifies the limits of restoration, planting mix and densities, performance criteria for survival and growth, and at least a three-year maintenance and monitoring procedures. Restoration sites shall be located outside the limits of the repaired structure. If no suitable restoration site is available near the work area or the creation of a restoration area near the work area would conflict with flood control needs, the District shall select another location on District right-of-way in close proximity. If suitable restoration sites are not available, the District shall provide funds to a third party (public agency or non-profit organization) to implement the required mitigation in the same watershed as the impact. Habitat restoration under this BMP shall only occur if the affected areas support native wetland or riparian vegetation; no restoration is required for barren areas or areas dominated by non-native plants. The District shall submit all habitat restoration plans to the regulatory agencies prior to implementation.

BMP 16. Oak Tree Mitigation Ratio. For any repair of in-channel structures and features that requires the removal of native oak trees with diameters of 4 inches or more (9.5 inches circumference for single trunk and 6.25 inches for multi-trunk) measured at 4.5 feet above grade (dbh), the District shall replace the trees at the following ratios in or near the affected work areas after the repair or reconstruction work: Oak trees (rooted plants from local stock) 4 to 6 inches dbh shall be replaced at 3:1; oak trees 6-12 inches DBH shall be replaced at 5:1; oak trees from 12 to 24 inch DBH shall be replaced at 10:1; oak trees from 24-36 inches shall be replaced at 15:1; and oak trees greater than 36 inches DBH shall be replaced at a ratio of 20:1. A tree replacement plan consistent with County Policy or permit requirements, whichever is greater, shall be developed for each repair project that specifies the tree replacement locations, performance criteria for survival and growth, and at least a five year maintenance and monitoring procedures and shall be submitted to the regulatory agencies prior to implementation.

BMP 17. Concrete Wash-Out Protocols. The District shall implement appropriate waste management practices during on site concrete repair operations. Waste management practices will be applied to the stockpiling of concrete, curing and finishing of concrete as well as to concrete wash-out operations. Waste management practices shall be adequate to ensure that fluids associated with the curing, finishing and wash-out of concrete shall not be discharged to the channel or basin. Concrete wastes shall be stockpiled separately from sediment and protected by erosion control measures so that concrete dust and debris are not discharged to the channel, basin, or waters of the State. The District shall determine the appropriate waste management practices based on considerations of flow velocities, site conditions, availability of erosion control materials and construction costs.

BMP 18. Water Diversion Guide. Water diversion activities undertaken as part of routine repair and maintenance operations in improved and unimproved channels as well as debris basins shall follow the BMP guidance established as the Water Diversion Guide found in the Program EIR.

BMP 19. Minimize Erosion from Stream Gauge Maintenance. During stream gauge maintenance activities, vegetation shall be cleared from channel banks by cutting with chain-saw only. The vegetation roots shall be left intact and not be sprayed with herbicide as a measure to minimize potential erosion of cleared channel banks. The District shall implement additional erosion control methods as needed, based on considerations of flow velocities, site conditions, availability of materials, construction costs, durability and maintenance requirements.

BMP 20. Implementation of Integrated Pest Management Program. The District shall inspect its critical and non-critical facilities regularly to document and identify the presence or absence of ground squirrels. The District shall implement the Integrated Pest Management (IPM) program developed for the Program EIR that identifies tolerance level, control thresholds and approved rodent control methods and/or combinations of methods at each District facility. Rodent control methods implemented at each facility shall be applied as needed and as appropriate for site conditions and the season.

Methods implemented shall minimize potential primary and secondary hazards to non-target species. The District shall maintain a preventative IPM program with zero tolerance for ground squirrels for its critical facilities where failure would impact public safety. When rodent control becomes necessary at non-critical facilities, the District shall choose applicable, cost-effective treatment method(s) from the District's IPM program. Treatment options considered for each site shall include: trapping, habitat modification, alternative construction methods and materials, use of raptors, clean and rodenticide-treated bait stations, broadcast diphacinone and zinc phosphide with or without carcass collection, and other methods. As part of an ongoing monitoring program to determine the effectiveness of the squirrel control program, the District shall maintain uniform inspection records for each facility and all control efforts. The District shall conduct a staff training program that covers the IPM program including rodent issues, inspection and monitoring requirements, and treatment options. The District shall submit treatment records to the regulatory agencies annually including control methods used and monitoring records.

BMP 21. Avoid Spills and Leaks. The District shall ensure that all equipment operating in and near a watercourse, or in a basin, is in good working condition and free of leaks. No equipment maintenance or refueling shall occur in a channel or basin bottom. Spill containment materials must be on site or readily available for any equipment maintenance or refueling that occurs adjacent to a watercourse. In addition, all maintenance crews working with heavy equipment shall be trained in spill containment and response. All spills shall be reported to the regulatory agencies Office of Spill Prevention and Response.

BMP 22. Biological Surveys in Appropriate Habitat Prior to Vegetation Maintenance. Prior to any sediment removal, vegetation control (by herbicide application, mowing, or discing), or repair work in earthen or earthen bottom channels and basins that contain native aquatic, riparian, or wetland habitats suitable for sensitive fish and wildlife species, the District shall conduct appropriate field investigations to determine if any threatened, endangered, or sensitive species are present. If such species are determined to be present in or in close proximity to the work areas, the District shall reschedule the work when the species are not present. If it is necessary to conduct the work while the species are present or in proximity to the work areas, the District shall develop other avoidance or relocation measures in consultation with the regulatory agencies, USFWS, or NOAA Fisheries prior to conducting the work. If the work could affect state or federally listed species or their habitat, the District would employ avoidance or relocation measures approved by USFWS, NOAA Fisheries, and the regulatory agencies, as appropriate, for the maintenance program. This measure includes protection for the following threatened, endangered, or sensitive species that could occur at maintenance sites: tidewater goby, southern steelhead, trout, unarmored threespine stickleback, California red-legged frog, arroyo toad, least Bell's vireo, southwestern willow flycatcher, arroyo chub, southwestern pond turtle, two-striped garter snake, Cooper's hawk, sharp-shinned hawk, yellow warbler, yellow breasted chat, purple marlin, tri-colored blackbird, and long-eared owl and other sensitive species that could occur in the treatment area.

BMP 23. Invasive Plant Removal Protocols. Invasive plant species shall be

removed in a manner that prevents propagation. Where this type of vegetation is routinely treated, maintenance personnel should spray or mow plants before seeds ripen. All cut/removed invasive vegetation should be taken to a dump as destruction load. Maintenance personnel should avoid letting cut stems or seed pods be washed downstream or be left behind to propagate. In the case of giant reed (*Arundo donax*) removal, the District shall minimize ground disturbance and use foliar glyphosate treatment on smaller infestations as much as possible. Stems shall be removed only when the plants are dead. Root masses should not be removed, as bank overhangs provide cover for wildlife, which may include sensitive fish species.

BMP 24. Air Quality BMPs. The following measures are part of the APCD's Model Fugitive Dust Mitigation Plan and shall be incorporated to maintenance activities as needed to further reduce the District's fugitive dust emissions during grading, excavation, and construction activities.

- The areas disturbed at any one time by clearing, grading, earth moving, or excavation operations shall be minimized to prevent excessive amounts of dust.
- Pre-grading/excavation activities shall include watering the area to be graded or excavated before commencement of grading or excavation operations. Application of water (preferably reclaimed, if available) should penetrate sufficiently to minimize fugitive dust during earthmoving, grading, and excavation activities.
- All trucks shall be required to cover their loads as required by California Vehicle Code §23114.
- All graded and excavated material, exposed soil areas, including unpaved parking and staging areas, and other active portions of the construction site, including unpaved on site roadways, shall be treated to prevent fugitive dust. Treatment shall include, but not necessarily be limited to, periodic watering, application of environmentally safe soil stabilization materials, and/or roll-compaction as appropriate. Watering shall be done as often as necessary and reclaimed water shall be used whenever possible.
- Graded and/or excavated inactive areas of the construction site shall be monitored by the District's operation and maintenance staff at least weekly for dust stabilization. Soil stabilization methods, such as water and roll-compaction, and environmentally safe dust control materials, shall be periodically applied to portions of the construction site that are inactive for over four days. If no further grading or excavation operations are planned for the area, the area should be periodically treated with environmentally-safe dust suppressants.
- During periods of high winds (i.e., wind speed sufficient to cause fugitive dust to impact adjacent properties), all clearing, grading, earth moving, and excavation operations shall be curtailed to the degree necessary to prevent fugitive dust created by on site activities and operations from being a nuisance or hazard, either on site or off site. The District staff shall use his/her discretion in conjunction with the APCD in determining when winds are excessive.

- Rumble strips or track out devices shall be installed where vehicles enter and exit unpaved roads onto paved road, or wash off trucks and any other equipment leaving the site.
- All on site construction roads that have a daily traffic volume of more than 50 daily trips shall be stabilized as to minimize transport of earthen material from the site.
- Open material stockpiles shall be roller compacted, periodically watered, or treated with appropriate dust suppressants.
- There shall be at least one qualified District staff on site each work day to monitor the provisions of the Fugitive Dust Mitigation Plan and any other applicable fugitive dust rules, ordinances, or conditions.
- Personnel involved in grading operations shall be advised to wear respiratory protection in accordance with California Division of Occupational Safety and Health Regulations.
- All project construction operations shall be conducted in compliance with all applicable APCD Rules and Regulations with emphasis on Rule 50 (Opacity) and Rule 51 (Nuisance).

BMP 25. (BMP 24 in LARWQCB Permit). Construction Noise BMPs. Noise-generating construction activities shall be restricted to the daytime (i.e., 7:00 AM to 7:00 PM, Monday through Friday). Sustained construction noise adjacent to sensitive wildlife nesting areas should be minimized during the nesting season. The District shall consult with the regulatory agencies regarding mitigation measures when sensitive wildlife are located adjacent to construction site.

California red-legged frog (CRLF) minimization measures

CRLF-1 A Service-approved biologist will conduct daily pre-project surveys each morning prior to conducting O&M Program activities at facilities that are potentially occupied by California red-legged frogs, and will relocate all life stages of California red-legged frogs that are likely to be injured or killed by work activities.

CRLF-2 The Service-approved biologist(s) will relocate the California red-legged frogs the shortest distance possible to a location that contains suitable habitat and will not be affected by activities associated with O&M Program activities.

CRLF-3 The Service-approved biologist(s) will maintain detailed records of any individuals that are moved (e.g., size, coloration, any distinguishing features, photographs [digital preferred]) to assist him or her in determining whether translocated animals are returning to the original point of capture.

CRLF-4 Before any activities begin on a project, a Service-approved biologist(s) will conduct a training session for all construction personnel. At a minimum, the training will include a description of the California red-legged frog and its habitat, the specific measures that are being implemented to conserve the California red-legged frog for the current project, and the boundaries within which the project may be accomplished.

CRLF-5 The Service-approved biologist(s) will be present at the work site until all California red-legged frogs have been removed, workers have been instructed, and removal of vegetation in suitable habitat has been completed. CRLF-6 Service-approved biologists will permanently remove individuals of non-native species to the maximum extent possible.

Tidewater goby (TWG) minimization measures

TWG-1 The District will only conduct channel cleanout activities in J Street drain downstream of Hueneme Road and in the concrete lined portion of the Oxnard Industrial drain upstream and downstream of Hueneme Road if surface water is absent (not from diversion or pumping).

TWG-2 Prior to initiation of dewatering or sediment removal work at facilities in tidewater goby habitat where water is present, a Service-approved biologist will install 1/8 inch block nets outside the impact areas and across the stream a minimum of 20 feet above and below the locations proposed for excavation. If widely separated sites are involved, more than one set of block nets will be placed to protect the work area. The nets will be installed on the first day of work and monitored thereafter for the duration of the work.

TWG-3 Should dewatering occur, any pumps used will be fitted with an anti-entrapment device(s) to prevent tidewater gobies from being drawn into the pump or impinged on intake screening.

TWG-4 Once the block nets are secured, Service-approved biologist(s) will remove all tidewater gobies found between the block nets using a 1/8 inch seine and dip nets, and relocate tidewater gobies to suitable habitat downstream of the proposed project site.

TWG-5 A Service-approved biologist will remain onsite and observe for tidewater gobies and turbidity levels within the work areas during all creek dewatering activities, and will capture and relocate tidewater gobies to suitable habitat as necessary.

TWG-6 If operations cannot be completed in one day, block nets will remain in place overnight or nets will be reinstalled prior to work each day, with subsequent surveys and capture/relocation performed accordingly. The decision of whether to leave nets up overnight or to install new nets at the beginning of each work day will be at the discretion of the Service-approved tidewater goby biologist. All nets left up overnight will be inspected to ensure they are in proper functioning condition and to ensure that fish have not re-entered the work area overnight.

TWG-7 In the case of multiple-day projects, tidewater gobies released from one day's work will not be released into areas projected to be excavated on successive days.

Least Bell's vireo (LBV) and southwestern willow flycatcher minimization measures

LBV-1 Prior to routine maintenance and repair activities performed during the period March 1 to September 15, a District biologist or consulting biologist shall determine if suitable habitat is present for native breeding birds in or within 500 feet of the work area. Project activities shall be postponed to September 15 if such habitat is present in the work area or within 500 feet of the work area, to the extent possible.

LBV-2 In the event that operations and maintenance activities in suitable habitat for least Bell's vireo and/or southwestern willow flycatcher cannot be postponed until after the end of the breeding season (September 15), and if the activities involve the direct disturbance of habitat for these species (i.e., vegetation trimming or removal), the District will conduct surveys according to Service guidance to determine presence or absence of least Bell's vireos and southwestern willow flycatcher. A modified survey protocol may be appropriate on a case-by-case basis and must be approved by the Service.

LBV-3 If a least Bell's vireo or southwestern willow flycatcher nest is detected within the project area during pre-project surveys, a Service-approved biologist will establish a buffer zone around the nest that they deem sufficient to avoid the abandonment of the nest by the adults. The Service generally recommends a minimum 500 foot buffer around nests where no work is to occur; however, a smaller buffer can be established if deemed protective by the Service-approved biologist and approved by the Service. The Service-approved biologist must monitor the nests during all O&M Program activities occur immediately adjacent to buffer zones to determine the effects of project activities on the nesting least Bell's vireos and southwestern willow flycatcher. The Service-approved biologist will have the authority to stop work if deemed necessary to protect the nesting birds.

LBV-4 For mitigation/restoration projects where non-native plant species are targeted for removal within suitable habitat for Least Bell's vireos or southwestern willow flycatchers, native vegetation will be left in place to the maximum extent practical; willows (*Salix* sp.) and cottonwoods (*Populus* sp.) with a diameter at breast height of 8 inches or greater may be trimmed, but will be left in place.