



State Water Resources Control Board



Linda S. Adams
Secretary for
Environmental Protection

Executive Office

Tam M. Doduc, Board Chair
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Arnold Schwarzenegger
Governor

July 19, 2006

Ms. Julia M. Quinn
Environmental Planning Manager
Environmental Services Unit
Department of Public Works
County of San Diego
5469 Kearny Villa Road, Suite 305
San Diego, CA 92123

Dear Ms. Quinn:

AMENDMENT OF THE SEPTEMBER 14, 2005 "ORDER FOR TECHNICALLY
CONDITIONED WATER QUALITY CERTIFICATION: COUNTY OF SAN DIEGO
(COUNTY), FLOOD CONTROL MAINTENANCE (U.S. ARMY CORPS OF
ENGINEERS [USCOE] LOS ANGELES DISTRICT OFFICE [LAD] REGIONAL
GENERAL PERMIT NO. 53, CORPS FILE NO. 200500205JMB)"

This is in response to your February 7, 2006 letter of request to amend the State Water Resources Control Board's (State Water Board) September 14, 2005 Water Quality Certification Order (certification) of Regional General Permit 53 (RGP 53) for the County's Flood Control Maintenance Program. This amendment adds an additional one hundred eighteen (118) sites. The certification of September 14, 2005 authorized discharges from nine hundred sixty-seven (967) sites. This amendment will bring the total number of sites covered by the certification to one thousand eighty-five (1,085).

The 118 sites were originally excluded from the Flood Control Maintenance Program because information concerning the sites was incomplete or required verification. The County subsequently corrected the data deficiencies and requested the USCOE to include the 118 sites in RGP 53. Except for the addition of these sites, the County proposed no other changes to the Flood Control Maintenance Program. See Enclosure 1 for a project information summary.

Enclosure 2 lists the 118 sites identified by the County. State Water Board staff has reviewed the site information in consultation with USCOE, U.S. Fish and Wildlife Service, and County representatives. The State Water Board staff has determined that the inclusion of the 118 sites in the Flood Control Maintenance Program represents a

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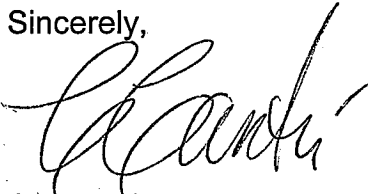
July 19, 2006

minor change in the County's maintenance program scope since no changes in maintenance activities are proposed for the additional sites.

I hereby amend the State Water Board's September 14, 2005 Certification Order of RGP 53 to include the additional 118 sites. Except for the addition of these sites listed in Enclosure 2, the terms and conditions of the September 14, 2005 Certification Order remain the same.

If you have any questions regarding this letter, please contact Bill Orme, Environmental Scientist, at (916) 341-5464 or email: borme@waterboards.ca.gov. You may also contact Oscar Balaguer, Chief, Water Quality Certification Unit, at (916) 341-5485 or email: obalaguer@waterboards.ca.gov.

Sincerely,



Celeste Cantú
Executive Director

Enclosures (2)

cc: Mr. Tim Vendlinski
Wetlands Regulatory Office (WTR-8)
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, CA 94105

Ms. Jeannette Baker
Regulatory Branch
U.S. Army Corps of Engineers
16885 West Bernardo Drive, Suite 300A
San Diego, CA 92127

Ms. Janet Stuckrath
U.S. Fish and Wildlife Service
6010 Hidden Valley Road
Carlsbad, CA 92009

(see next page)

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cc: (continuation page)

Ms. Kelly Fisher
CA Department of Fish and Game
4949 Viewridge Avenue
San Diego, CA 92123

Mr. Robert Perdue, Executive Officer
Colorado River Basin Water Board
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

Mr. John H. Robertus, Executive Officer
San Diego Water Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340



PROJECT INFORMATION SHEET

1.	Applicant: Agent:	San Diego County Department of Public Works Julia M. Quinn Environmental Planner Environmental Services San Diego County Department of Public Works 5469 Kearny Villa Road, Suite 305 San Diego, California 92123-1159
2.	Project Name: Purpose: Description:	County of San Diego Flood Control Maintenance (Regional General Permit No. 53, Corps File No. 200500205JMB) To conduct periodic, routine flood control maintenance, including debris, vegetation and/or sediment removal, of all culverts and bridges to prevent flooding of either adjacent roadways or dwellings throughout the County of San Diego (County), including all unincorporated areas maintained by the County. The County's Department of Public Works will conduct channel clearing and excavation as authorized by the US Army Corps of Engineers (USCOE), Los Angeles District's (LAD) Regional General Permit 53 (RGP 53), which expires September 22, 2010. The County requested the LAD to include an additional 118 sites in RGP 53 and the State Water Resources Control Board (State Water Board) to amend the September 14, 2005 Water Quality Certification Order (certification) to include the proposed discharges. <u>Enclosure 2</u> lists the sites identified by the County. This amendment to the September 14, 2005 certification brings the total number of facilities covered by the certification to 1,085.
3.	Receiving Water(s) Name	See <u>Enclosure 2</u> for a list of the 118 drainage channels.
4.	Hydrologic Unit(s)	722.00, 902.00, 903.00, 905.00, 907.00, 909.00, 910.00, 911.00

5.	Water Body Type(s) & Area of Filled / Excavated Waters (Acres)	See Item 8 below.
6.	Discretionary Approvals	USCOE, LAD RGP 53 (Corps File Number 200500205-JMB) California Department of Fish and Game, Streambed Alteration Agreement Number 5-238-95.
7.	Non-Compensatory Mitigation	The County's Department of Public Works will implement best management practices specified in the County "Watershed Protection, Stormwater Management, and Discharge Control Ordinance" (WPO) (Ordinance Nos. 9424 and 9426, County Codes 67801 et seq.), February 20, 2002. The terms and conditions of RGP 53 include a number of mitigation measures, including: • Requirement that work be the minimum needed to alleviate flooding potential in the immediate vicinity of culvert, bridge and/or channel; • Pre-project site-specific notification to LAD, the Regional Water Board, and other resource agencies, including proposed site-specific mitigation; • Requirement for site-specific approval by LAD before initiation of work; • Annual reports to LAD, the Regional Water Boards, and other resource agencies of activities conducted; • Exclusion of work in creeks running adjacent to a road; • Avoidance of trees with a diameter at breast height of greater than two inches (2") to the maximum extent practicable; • Required use of erosion and siltation control measures; • Required use of mats or other measures for heavy equipment working in wetlands.

8.	Compensatory Mitigation	The terms and conditions of RGP 53 require the following compensatory mitigation for impacts to areas, as outlined below. Compensatory mitigation for all habitat types except coastal sage scrub will occur at San Diego County's Sweetwater River Offsite Mitigation Area. The County has documented protocols for compensation (Burkhart 1999). A jurisdictional delineation has determined that adequate mitigation capacity exists at the Sweetwater site (Mooney.Jones and Stokes, May 2005). Compensation for coastal sage scrub impacts will occur through the purchase of credits at the Rancho San Diego Mitigation Bank. • For areas with more than minimal wetland vegetation subject to high frequency disturbance (more than once every three years), mitigation will be through creation, restoration, and/or enhancement, on a one-time basis (see table of expected ratios below). • For areas with more than minimal wetland vegetation subject to low frequency disturbance (no more than once every three years), mitigation may be through a program of exotic species removal (e.g., <i>Arundo donax</i>). The amount of exotic species removal required will be commensurate with the quantity and quality of the habitats being impacted and enhanced and will range from 1:1 to 4:1. • Regardless of the frequency of disturbance, mitigation for impacts to listed species' habitats will be mitigated at a ratio of 2:1 (Mooney.Jones and Stokes, March 2005), or per the below table. No compensatory mitigation will be required for impacts to areas that currently have little or no wetland vegetation and where no significant increases in vegetation would be expected to occur in the absence of maintenance activities.
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8. con't	Estimated impacted acres and expected compensatory mitigation by habitat type for the 118 additional sites follow:				
	Offsite Mitigation Determination for the 118 Additional Sites	Habitat Type	Impacted Acres for 118 sites	Mitigation ratios	Compensatory Mitigation Required (acres)
		Coastal Sage Scrub	0.09	1:1	0.09
		Arundo	0.15	N/A	N/A
		Freshwater Marsh	0.44	1:1	0.44
		Southern Willow Scrub	0.30	2:1	0.60
		Mulefat Scrub	0.15	2:1	0.30
		Riparian Woodland	0.03	3:1	0.09
		Disturbed Wetland	0.14	1:1	0.14
		Other Waters of US	5.94	N/A	N/A
		Total	7.24	-	1.66
		Source: (Quinn, June 20,2006)			

9.	Additional Information	Lead Agency – – County of San Diego Mitigated Negative Declaration (MND); adopted by Board of Supervisors August 11, 1998, Notice of Determination OPR File # 199090184 filed August 31, 1998. Subsequent MND adopted November 10, 1999, adding additional sites. Addendum to the Subsequent MND, June 2001. Subsequent Addendum for September 2005 renewal of RPG 53 adopted on March 10, 2005. Supporting Documents: Burkhart Environmental Consulting. Revised Conceptual Mitigation Plan for San Diego County DPW; Sweetwater River Offsite Mitigation Area. June 1999. KEA Environmental, Inc. Mitigation Monitoring Program (Conceptual Habitat Restoration Program) for the County of San Diego Department of Public Works Regional General Permit No. 53 Maintenance Activities of Bridges, Culverts and Other Road Crossings. August 1999. Mooney.Jones and Stokes. Biological Assessment for the County of San Diego Department of public Works Renewal of Regional General Permit No. 53. March 2005. Mooney.Jones and Stokes. Jurisdictional Delineation for the Sweetwater River offsite Mitigation Area, San Diego County, California. May 2005. U. S. Fish and Wildlife Service, Carlsbad Office, Biological and Conference Opinion for Re-Issuance of Regional General Permit #53, San Diego County, California (1-6-05-F-4297)(USFWS August 29, 2005) ; amended in 2006 for the 118 sites (1-6-05-F-4297-R1).
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Table 1

List of 118 Facilities for Which Data Been Compiled/Verified

Red sites indicate those covered under 1998 BO (i.e., those listed in Appendix B)

Blue sites indicate those covered under 1998 BO (i.e., those listed in Appendix C)

Pink sites indicate those covered under 1998 BO (i.e., those listed in BOTH Appendices B and C)

Green sites indicate new facilities to be added that are located within Critical Habitat for one or more of the following species: vireo, flycatcher, or gnatcatcher

Type 1: Stream or carrying Stream Flows, natural lined
Type 2: Stream or carrying Stream Flows, improved
Type 3: Roadside ditch, natural lined
Type 4: Roadside ditch, improved

Lining Codes

- (1) Concrete Lined Sides, Bottom
- (2) Earth Lined Sides and Bottom
- (3) Riprap Sides, Earth Bottom
- (4) Concrete Sides, Earth Bottom
- (5) Any Other Type of Lining

V= Vegetation

O= No Vegetation

SWS= Southern Willow Scrub

MFS= Mulefat scrub

RW= Willow Riparian Woodland

DW= Disturbed Wetlands

FWM= Freshwater Marsh

WUS= Waters of the U.S.

LBV= leastBell's vireo

SWF= southwestern willow flycatcher

SITE #	STREET NAME	LOCATION BETWEEN	AND	SIDE (N,S,E, W)	THOS COORD.	LENGTH (FT.)	WIDTH (FT.)	AREA	LINING	TYPE	Arundo Ft ²	FWM Ft ²	SWS Ft ²	MFS Ft ²	RW Ft ²	DW Ft ²	WUS Ft ²	Veg	Critical Habitat Present	Impacts to Critical Habitat
14-30-RF	STEELE CYN. RD. (BRIDGE)	WILLOW GLEN	JAMUL DR.	E,W	1272 C5	20	300	6000	2	1	0	0	0	0	0	0	6000	V		
15-LSCP-001	Lamar St. Co. Park	Bancroft Dr.	Lamar St.		1271 A6	1200	15	18000	2	1	500	500	0	0	0	0	16500	V		
17-10-RF	LA CRESTA RD.	FLUME DR.	CAROB TREE LN.	N	1252 D3	530	30	15900	2	1	0	0	300	0	0	0	600	V		
17-13-RF	LA CRESTA RD.	LOTUS LN.	FORESTER CREEK	S	1252 D3	100	12	1200	2	1	0	0	0	0	0	0	750	O		
17-20-RF	RIDGE HILL RD.	OLDE HWY 80	GAUCHO LN.	S	1232 F5	75	10	750	2	1	187	0	0	0	0	0	0	V		
17-OICP-001	Old Ironside Co. Park	Harbison Canyon Rd	Almyra Rd		1253 D1	1,306	25	32650	2	1	0	0	0	0	0	2177	1088	V		
23-11	ROYAL DR.	OLD HWY 80	LIVE OAK TRAIL	S	1298 H3	142	21	2982	2	1	0	2382	600	0	0	0	0	V	LBV, SWF	2982
23-164	OLD HWY 80	1,791' E/O 16.5 MM		N	430-B7	200	4	800	2	1	0	0	0	0	0	0	0	V		
23-165	TIERRA DEL SOL RD.	2,112' S/O 3 MILE MARKER		E	1320 A5	20	16	320	2	1	0	0	0	0	0	0	0	V		
23-165W	TIERRA DEL SOL RD.	2,112' S/O 3 MILE MARKER		W	1320 A5	20	10	200	2	1	0	0	0	0	0	0	0	V		
23-167	OLD HWY 80	150' E/O 23.5 MM		S	430 C8	60	5	300	2	1	0	0	0	0	0	0	0	V		
23-168	BUCKMAN SPRINGS RD.	3,652' N/O 6 MILE MARKER		E	430 A8	110	6	660	2	1	0	0	0	0	0	0	0	V		
23-169	BUCKMAN SPRINGS RD.	4,249' N/O 6 MILE MARKER		E	430 A8	60	3	180	2	1	0	0	0	0	0	0	0	V		
23-170	KITCHEN CREEK RD.	4,465' N/O 1 MILE MARKER		E	430 B7	30	5	150	2	1	0	0	0	0	0	0	0	V		
23-171	KITCHEN CREEK RD.	3,305' N/O 2 MILE MARKER		E	430 B7	20	5	100	2	1	0	0	0	0	0	0	0	V		
23-172	KITCHEN CREEK RD.	4,190' N/O 2 MILE MARKER		W	430 B7	25	5	125	2	1	0	0	0	0	0	0	0	V		
23-173	KITCHEN CREEK RD.	4,521' N/O 2 MILE MARKER		E	430 B7	55	3	165	2	1	0	0	0	0	0	0	0	V		
23-174	KITCHEN CREEK RD.	5,010' N/O 2 MILE MARKER		E	430 B7	85	8	680	2	1	0	0	0	0	0	0	0	V		
23-175	KITCHEN CREEK RD.	5,025' N/O 2 MILE MARKER		W	430 B7	35	5	175	2	1	0	0	0	0	0	0	0	V		
23-186	BUCKMAN SPRINGS RD.	1,395' N/O MILE POST 8		B	430 A8	120	3	360	2	1	0	0	0	0	0	0	0	V		
23-187	BUCKMAN SPRINGS RD.	394' N/O MILE POST 9		B	430 A8	90	3	270	2	1	0	0	0	0	0	0	0	V		
23-188	OLD HWY 80	1,530' N/O MILE POST 16		B	430 B7	130	5	650	2	1	0	0	0	0	0	0	0	V		
23-189	OLD HWY 80	1,550' E/O MILE POST 18.5		B	430 B7	485	10	4850	2	1	0	0	0	0	0	0	0	V		
38-4	BLACK CANYON RD.	3.8 MILES SOUTH OF	MESA GRANDE RD.	R	409 H10	100	30	3000	2	1	0	0	0	0	0	0	3000	V		
39-24	16TH ST.	MAIN	H ST.	W	1152 F7	190	4.5	855	2	1	0	0	0	0	0	0	950	V		
39-41	9TH ST.	ASHLEY	I ST.	E	1152 H7	15	8.5	127.5	2	1	0	0	0	0	0	0	135	V		
57-70	CAMINO DEL REY	ACROSS FROM VIA MARIA	ELENA	N	1068 C2	300	8	2400	2	1	0	0	0	0	0	0	2400	V	LBV	2400
57-79	COUSER CANYON RD.	.7 MI. S/O HWY 76		E-W	1049 B1	20	10	200	2	1	200	0	0	0	0	200	0	V		
57-99	OLD HWY 395	GOPHER CYN.	CIRCLE R DR.	E	1068 J6	50	100	5000	2	1	5000	0	0	0	0	0	0	V		
57-147	BROOKE RD.	@ WINTERHAVEN			1027 J6	25	4	100	2	1	0	0	0	0	0	0	0	V		
58-40	QUESTHAVEN RD.	275' N/O 20560 QUESTHAVEN RD.			1128 J7	100	8	800	2	1	0	0	0	0	0	0	0	V		
58-42	SOLAR LN.	N. TWIN OAKS	END CMR FLINN SPRINGS RD.	E	1088 H7	800	30	24000	2	1	0	0	0	0	0	0	20000	V		
17-25-RF	OLDE HWY 80	LABRADOR LN.		S	1232 J4	1025	30	30750	3	1	0	0	0	0	0	0	300	V		
58-5	COUNTRY CLUB DR.	AT HARMONY GROVE RD.		N-S	1129 C6	60	60	3600	2	1	0	0	800	0	0	0	1000	V		

SITE #	STREET NAME	LOCATION BETWEEN	AND	SIDE (N,S,E, W)	THOS COORD.	LENGTH (FT.)	WIDTH (FT.)	AREA	LINING	TYPE	Arundo Ft ²	FWM Ft ²	SWS Ft ²	MFS Ft ²	RW Ft ²	DW Ft ²	WUS Ft ²	Veg	Critical Habitat Present	Impacts to Critical Habitat
64-52	LILAC RD.	300' W/O OLD CASTLE		N,S	1070 A5	40	40	1600	2	1	0	0	0	0	0	0	450	O		
64-10	PARADISE MTN. RD.	.1M E/O N. LK WOHLFORD		N	1091 D5	20	20	400	2	1	0	0	0	0	0	0	100	O		
64-11	PARADISE MTN. RD.	.3M E/O N. LK WOHLFORD		E,W	1091 D5	40	40	1600	2	1	0	0	0	0	0	0	400	V		
64-12	PARADISE MTN. RD.	1.8M E/O N. LK WOHLFORD		E	1091 F5	10	30	300	2	1	0	0	0	0	0	0	250	V		
64-18	LAKE WOHLFORD RD.	1.6M E/O OAKVALE		N,S	1111 B1	80	80	6400	2	1	0	0	0	1600	0	0	1000	V	Gnatcatcher	3800
64-25	VALLEY CENTER RD.	COLE GRADE RD.	28 MILE MARKER	S	1090 F1	200	30	6000	2	1	0	0	0	0	0	0	3000	O		
64-26	VALLEY CENTER RD.	.3M S/O MILLER RD.		W,E	1090 E2	60	100	6000	2	1	0	200	800	0	0	0	200	V		
64-35	JESMOND DENE RD.	.2M E/O JESMOND DR.		N,S	1109 F2	40	44	1760	2	1	0	0	0	0	600	0	0	V		
64-37	JESMOND DENE RD.	VIA MARMOL	JESMOND DR.	N	1109 E1	2000	20	40000	2	1	0	0	100	0	0	100	0	V		
64-38	JESMOND DR.	JESMOND DENE RD.	WILLOW LN.	E,W	1109 E2	80	20	1600	2	1	0	0	300	0	0	500	600	V		
64-39	WILLOW LN.	JESMOND DR.	CANYON DR.	N,S	1109 E2	40	40	1600	2	1	0	0	100	0	0	200	0	V		
64-45	LAWRENCE WELK CT.	.2M S/O L. WELK DR.		S,N	1088 J2	40	40	1600	2	1	0	0	0	0	0	0	160	V		
64-50	PAMOOSA LN.	1.5M E/O OLD CASTLE		E,W	1069 E6	40	40	1600	2	1	0	0	800	0	800	0	0	V		
64-51	OLD CASTLE RD.	100' W/O LILAC RD.		N,S	1070 A5	40	40	1600	2	1	0	0	50	0	0	0	50	V		
64-54	LILAC RD.	.7M W/O OLD CASTLE		E,W	1069 J4	40	60	2400	2	1	0	0	750	0	0	0	250	V		
64-56	LILAC RD.	1.1M N/O WEST LILAC		E,W	1069 H1	60	80	4800	2	1	0	1500	0	0	0	0	0	V		
64-58	LILAC RD.	1.7M N/O WEST LILAC		E,W	1049 H7	40	40	1600	2	1	0	0	120	0	0	0	800	V		
64-59	LILAC RD.	KEYS CREEK	COUSER CANYON	N,S	1049 H7	40	60	2400	2	1	0	0	100	0	0	300	0	V		
64-61	WEST LILAC RD.	1.5M W/O LILAC RD.		N,S	1069 E3	20	20	400	2	1	0	0	100	0	0	0	100	V		
64-70	MILLER RD.	.1M W/O COLE GRADE RD.		S	1070 E5	15	15	225	2	1	0	0	0	0	0	0	30	V		
FC-14	VICTOR ST.	VICTOR ST.	BALLANTYNE	E-W	1251 G3	1336	10	13360	2	1	0	13360	0	0	0	0	0	V		
FC-28A	BEECHTREE ST.	BEECHTREE	LAKESHORE DR.	S	1232 B3	668	45	30060	-2	1	0	0	0	0	0	0	0	V		
FC-28B	BEECHTREE ST.	W/O F/C SITE #28	LAKESHORE DR.		1232 B3	719	40	28760	2	1	0	0	0	0	0	0	0	V		
FC-53	SUMMERSUN LN.	PARALLEL TO HWY 67 506' DOWNSTREAM FROM FAIRWAY		W-E	1231 J4	405	6	2430	2	1	0	0	0	0	0	122	2309	V		
FC-61	BROADWAY	640' DOWNSTREAM FROM FAIRWAY		S	1270 J5	100	14	1400	2	1	0	0	0	0	0	0	0	V		
FC-62	BROADWAY			S	1270 J5	854	4	3416	2	1	0	0	0	0	0	0	0	V		
FC-74	BONITA WOODS DR.	BONITA WOODS	BRIARWOOD	W	1310 H2	25	10	250	2	1	0	0	0	0	0	0	0	V		
FC-113	LAMAR ST.	LAMAR	COUNTY PARK		1271 A6	335	25	8375	2	1	100	100	0	0	0	0	0	V		
FC-116	FOURTH ST.	RANCHO CAJON PL.	HWY 8		1252 B4	125	12	1500	2	1	60	0	0	0	0	800	0	V		
FC-122	RIVERSIDE DR.	PLAZA PASEO DR.	PASEO PARK DR.		1231 H3	1,125	80	90000	2	1	0	0	0	0	0	0	400	V		
FC-124	HELIx ST.	WEBER CT.	LAMAR ST.		1271 B6	280	6	1680	1	4	0	0	0	0	0	0	0	O		

Area (SF) 423,416 6,047 18,042 4,920 1,600 1,400 4,399 62,822

Area (Acres) 9.72 0.00 0.00 0.14 0.41 0.11 0.04 0.03 0.10 1.44

(Hectares) 3.9337 0 0 0.056 0.168 0.046 0.015 0.01 0.04 0.5836

SITE #	STREET NAME	LOCATION BETWEEN	AND	SIDE (N,S,E, W)	THOS COORD.	LENGTH (FT.)	WIDTH (FT.)	AREA	LINING	TYPE	Arundo Ft ²	FWM Ft ²	SWS Ft ²	MFS Ft ²	RW Ft ²	DW Ft ²	WUS Ft ²	Veg	Critical Habitat Present	Impacts to Critical Habitat
14-20-RF	PROCTOR VALLEY RD.	@ 6 MILE MARKER			1293 B1	40	100	4000	3	2	0	0	0	0	0	0	4000	O		
15-58-RF	HARNESS ST.	CANYON RD.	SWEETWATER LN.	S	1291 B2	50	6	300	1,2	2	0	0	0	0	0	0	660	V		
15-61	BONITA RD	SWEETWATER RD.	SAN MIGUEL RD	E	1310-J1	475	10	4750	4	2	0	0	0	0	0	0	0	O		
23-13	OLD HWY 80	MOONRISE TRAIL	TULE JIM LN.	N	1300 E6	2200	6	13200	2,3	2	0	0	0	0	0	0	0	V		
33-16	LOS COCHES XING	@ VIA DIEGO	INLET (PRIVATE)	N	1232 C6	100	80	8000	1	2	600	0	20	0	0	0	100	V		
33-17	LOS COCHES XING	@ VIA DIEGO	EXHAUST (RD. FUND)	S	1232 C6	100	80	8000	1	2	0	0	3000	0	0	0	1000	V		
57-10	RAINBOW VALLEY BLVD.	50' N/O 2508 RVB		E-W	998 J4	40	40	1600	4	2	0	0	0	0	0	0	200	O		
57-96	RICE CANYON RD.	100' S/O 1580 RICE CYN.		E-W	998 J6	50	5	250	28,3	2	0	0	100	0	0	0	150	O		
57-115	GOPHER CYN. RD.	GOPHER CYN.	DENTRO DE LOMAS	N&S	1068 E6	100	20	2000	1&4	2	0	440	0	0	0	525	1035	V		
57-128	RECHE RD. INLET & OUTLET	200' W/O GIRD ROAD		N,S	1028 C5	40	40	1600	2,3	2	100	0	0	0	0	0	300	V		

SITE #	STREET NAME	LOCATION BETWEEN	AND	SIDE (N,S,E, W)	THOS COORD.	LENGTH (FT.)	WIDTH (FT.)	AREA	LINING	TYPE	Arundo Ft ²	FWM Ft ²	SWS Ft ²	MFS Ft ²	RW Ft ²	DW Ft ²	WUS Ft ²	Veg	Critical Habitat Present	Impacts to Critical Habitat
58-52	PASEO DELICIAS I&O	50' WEST OF 6580 ADDRESS		N,S	1168 E2	20	10	200	2	1	0	0	0	0	0	0	0	O		
58-53	QUESTHAVEN RD. I&O	100' N/O FARAWAY LN.		E,W	1148 J2	40	20	800	2	3	0	0	0	0	0	0	800	O		
58-85	LAKE DRIVE I & O	50' E/OF ELM LANE		N,S	1149 E2	30	30	900	3	2	0	0	0	0	0	0	0	O		
64-21	N. LAKE WOHLFORD RD.	.5M N/O WOODS VALLEY		W	1091 C4	250	20	5000	3	2	0	0	0	0	0	0	600	O		
64-75	VALLEY CENTER RD.	ROCK HILL RANCH RD. 100' SOUTH OF 29200 ADDRESS	IRISH OAKS RD.	N	1090 H2	750	6	4500	2	1	0	0	0	0	0	0	4860	O		
64-76	MILLER RD. I&O			E,W	1070 E6	40	30	1200	2	3	0	0	0	0	0	0	0	O		
64-91	LILAC RD.	1.8MI. N/OF OLD CASTLE		E/W	1069 H3	40	2	80	5	2	0	0	0	0	0	0	0	O		

Area (SF) 89,412 0 600 150 150 0 670 96,757
Area (Acres) 2.05 0.00 0.00 0.00 0.01 0.00 0.00 0.00 0.02 2.22
(Hectares) 0.83 0.00 0.00 0.00 0.01 0.00 0.00 0.00 0.01 0.90

SITE #	STREET NAME	LOCATION BETWEEN	AND	SIDE (N,S,E, W)	THOS COORD.	LENGTH (FT.)	WIDTH (FT.)	AREA	LINING	TYPE	Arundo Ft ²	FWM Ft ²	SWS Ft ²	MFS Ft ²	RW Ft ²	DW Ft ²	WUS Ft ²	Veg	Critical Habitat Present	Impacts to Critical Habitat
33-13	LAKEVIEW RD.	LOS CÔCHES RD.	MARJAY	E	1232 C6	745	10	7450	1,2,3, 5	4	0	0	0	0	0	475	9025	V		
64-77	OLD LILAC RD. I&O	100' EAST OF LILAC RD.		N,S	1029 H7	40	35	1400	2,5	4	0	0	0	0	0	0	0	O		

Area (SF) 8,850 0 0 0 0 0 475 9,025
Area (Acres) 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.21
(Hectares) 0.08 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.08

TOTAL Area (SF) 902,745 6,747 19,082 13,201 6,363 1,400 6,069 258,909
Area (Acres) 20.72 0.00 0.00 0.15 0.44 0.30 0.15 0.03 0.14 5.94
(Hectares) 8.39 0.00 0.00 0.06 0.18 0.12 0.06 0.01 0.06 2.41