



## **City of Escondido 2024 Amendment to Jurisdictional Runoff Management Program**

The City of Escondido Jurisdictional Runoff Management Program (JRMP) was developed in accordance with requirements of the Regional Water Quality Control Board (RWQCB) and the San Diego Region Municipal Separate Storm Sewer System (MS4) Permit (Order No. R9-2013-0001, as amended). The most recent Escondido JRMP was adopted in January 2017. Since then, the City of Escondido has made changes to pollution prevention strategies, as reported in JRMP Annual Reports and Water Quality Improvement Plan (WQIP) Annual Reports for the Carlsbad and San Dieguito River Watershed Management Areas (WMAs). This cover certification and attached table amends the 2017 Escondido JRMP by providing an accumulative and concise summary of the City's updates to storm water pollution prevention programs. The provided list is not exhaustive and other changes to JRMP strategies may have occurred since the time of JRMP amendment or approval.

The JRMP is updated as required upon MS4 Permit re-issuance or amendment, as well as through adaptive management programs required through implementation of the WQIPs. JRMP strategies are also updated in accordance with developments in the storm water regulatory landscape. The following select orders and directives since January 2017 have affected changes in the priorities and implementation of JRMP strategies resulting in this JRMP amendment:

- June 2, 2017: RWQCB issued Order No. R9-2017-077 directing Escondido to submit technical reports and plans pertaining to the control of trash by December 3, 2018.
- April 6, 2018: The 2014-2016 California Clean Water Act 303(d) list was approved by the US EPA, and resulted in new listings relevant to Escondido Creek receiving waters.
- August 17, 2018: RWQCB delivered Over-Irrigation Prohibition Program Implementation Audit Summary based on an August 2016 review of outreach programs and JRMP documentation.
- October 18, 2019: RWQCB issued comment letters to San Dieguito and Carlsbad WMAs on FY 17-18 WQIP Annual Reports. The San Dieguito River WMA Responsible Agencies (RAs) engaged in a WQIP update and developed new goals and strategies to improve overall water quality conditions to address impairments of Lake Hodges Reservoir for nutrients.. Similarly the RAs in Carlsbad WMA prepared a WQIP Update to incorporate an assessment of bacteria data for Agua Hedionda Lagoon. The Regional Board accepted the 2021 San Dieguito WQIP Update in March 2021 and accepted the 2021 Carlsbad WQIP Update in December 2021.



### Statement of Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Angela Morrow  
Signature

January 8, 2024  
Date

Angela Morrow, P.E.  
Name

Interim Director of Utilities  
Title

City of Escondido - 2024 Amendment to Jurisdictional Runoff Management Program				
Jurisdictional Runoff Management Program or Strategy	Carlsbad WQIP Strategy Name	San Dieguito WQIP Strategy Number	Description of Update to Strategy	Fiscal Year(s) Updated
<b>JRMP Chapter 1. Introduction</b>				
Updates to 303(d) listings and WQIPs	Administrative BMPs/ Enforcement	N/A	<ul style="list-style-type: none"> <li>•303(d) listings updated in 2018 and 2022</li> <li>•HPWQC added for San Dieguito River Watershed Management Area - nutrient impairment of Hodges Reservoir</li> <li>•Carlsbad WQIP updated to incorporate bacteria assessment for Agua Hedionda Lagoon and other revisions</li> </ul>	17-18, 20-21,21-22
<b>JRMP Chapter 2. Legal Authority</b>				
Municipal Code Updates	Administrative BMPs/ Enforcement	ES-2	<ul style="list-style-type: none"> <li>•Updates to the municipal code Ch.22: In addition to wastewater and sewer pretreatment language changes, references to Storm Water (BMP) Design Manual and JRMP were added to stormwater section for enforcement purposes</li> <li>•Ch. 22 updated Dec 15, 2021 with update to storm water maintenance agreements, irrigation runoff prohibition, and other clarifications</li> </ul>	17-18, 21-22
Update Municipal Water Efficient Landscape Ordinance	Administrative BMPs/ Enforcement	ES-7.6	<ul style="list-style-type: none"> <li>•Encourage irrigation reduction and reduce water waste in the form of runoff from landscapes</li> </ul>	17-18
<b>JRMP Chapter 3. Illicit Discharge Detection and Elimination (IDDE)</b>				
Reduce human sources of bacteria and homelessness	Efforts to Address Homelessness	E-33	<ul style="list-style-type: none"> <li>•Interdepartmental Quality of Life Working group was created to reduce numbers of unsheltered individuals</li> <li>•Regular encampment removal and clean up, as well as increased law enforcement patrols and citation</li> <li>•Grants acquired to provide outreach, homeless prevention and emergency shelter programs</li> <li>•Full time social worker hired to supplement outreach efforts</li> <li>•Strategy on Homelessness updated in Feb 2021.</li> </ul>	17-18, 18-19, 20-21
Water agency coordination on permitted discharges	IDDE Program	ES-16	<ul style="list-style-type: none"> <li>•Worked with Utilities Water Division to update Emergency discharge Standard Operating Procedure</li> <li>•Large emergency discharges over 200,000 gallons are reported to Environmental Programs to confirm proper cleanup of downstream storm drains and reporting</li> </ul>	18-19

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Emergency and non-emergency fire operations	IDDE Program	ES-16	<ul style="list-style-type: none"> <li>Reviewed and updated internal procedures for non-emergency fire operations to engage with Environmental Programs prior to discharge</li> <li>Improve process for reporting large fires and ensuring standby resources available to protect storm drains or initiate clean up efforts</li> </ul>	19-20
Report It! & We Care Programs for reporting storm drain discharges and water violations	IDDE Program	ES 16.2	<ul style="list-style-type: none"> <li>Report It! mobile application has been enhanced and replaced the "We Care" Program. Report It! is regularly promoted to City residents, businesses, and staff.</li> </ul>	17-18
Groundwater Source Identification Efforts	IDDE Program	ES-16	<ul style="list-style-type: none"> <li>The City has collected isotope information for certain priority MS4 outfalls which may be used for groundwater source identification in the future</li> <li>The City has performed special studies of continuous flow monitoring on priority outfalls</li> </ul>	18-19, 20-21
Irrigation Runoff Enforcement	Irrigation Runoff Reduction	ES-16	<ul style="list-style-type: none"> <li>Irrigation Runoff complaints and reports are routed directly to Environmental Compliance for commercial and industrial properties. Residential irrigation issues continue to be tracked by Environmental Programs with escalated enforcement as needed to achieve compliance.</li> <li>Municipal code updated in FY 21-22 to explicitly prohibit irrigation runoff.</li> </ul>	17-18, 21-22
<b>JRMP Chapter 4. Development Planning</b>				
Alternative Compliance Program	Implement Offsite Alternative Compliance Program	ES-22	<ul style="list-style-type: none"> <li>The City is open to developer-proposed projects, but due to lack of developer demand the City is no longer working to develop an alternative compliance project or formal program. This strategy may be triggered in the future.</li> </ul>	17-18, 18-19, 20-21
Post-Construction Inventory and Prioritization	Structural BMP Inspections	ES-5	<ul style="list-style-type: none"> <li>The City revised the prioritization process previously outlined in Chapter 4.4.4. in order to replace the flowchart shown in JRMP Figure 4-1 with a revised procedure that removes some unnecessary constraints in the flowchart. (Exhibit 2)</li> </ul>	20-21
Storm Water Design Manual	Development and Redevelopment Requirements	ES-4	<ul style="list-style-type: none"> <li>The City submitted a proposed Storm Water (BMP) Design Manual update as part of the FY 20-21 Annual Report. The City received an approval letter in June 2022 and the final Manual was subsequently published on the City's website as an October 2022 update. The update includes revisions to the Regional Model BMP Design Manual in 2018 and 2019, and other feedback from Regional Water Quality Control Board staff.</li> </ul>	21-22, 22-23

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<b>JRMP Chapter 5. Construction Site Operations</b>				
Construction Program	Construction Site Inspections	ES-6	<ul style="list-style-type: none"> <li>Expanded training and collaboration between city staff</li> <li>Increased follow-ups and support from consultants to supplement staff if needed during rainy season</li> <li>Required pre-construction meetings</li> <li>Expanded enforcement actions</li> <li>Broadened construction site outreach. Includes online resources and rainy season outreach letters.</li> <li>Improvements to city's inspection and tracking program through use of Cityworks</li> </ul>	17-18, 18-19
Construction Discharge Notification Program	Construction Site Inspections, IDDE	ES-6.2	<ul style="list-style-type: none"> <li>Require construction sites to notify the city for planned discharges of storm water; review monitoring and discharge reporting for compliance. Website established for discharge reporting.</li> </ul>	20-21
<b>JRMP Chapter 6. Municipal Operations</b>				
General Inventory and Map Updates	Administrative BMPs	ES-12, ES-12.1	<ul style="list-style-type: none"> <li>Street Sweeping: GIS tools to optimize routes for drivers and create tracking mechanisms in Cityworks. Sweeping frequency decreased on certain routes. Initiated review of parking restrictions and took action on red-curbing for vector and sweeper access. New sweepers purchased in FY 20-21; sweeping maps to be updated by 2023.</li> <li>Municipal Facilities: Inventory has been updated and is available upon request</li> <li>MS4 outfall inventory update</li> <li>(See submitted GIS layers)</li> </ul>	18-19, 20-21, 21-22
Trash Capture Devices	Implement Structural or Retrofit BMPs	ES-7.4	<ul style="list-style-type: none"> <li>City selected Track 1, which involves installation of trash capture devices throughout Priority Land Uses (PLUs). Significant effort to map PLUs and drainage areas.</li> </ul>	17-18, 18-19, 21-22
Corporate Yard Improvements	Program for Retrofitting Areas of Existing Development	ES-14	<ul style="list-style-type: none"> <li>Design of new vector dewatering facility and street sweeper cleaning station, along with drainage improvements, at the Corporate Yard associated with construction of the Membrane Filtration/Reverse Osmosis Recycled Water Facility started in FY19-20.</li> <li>Project put on hold in FY 20-21</li> </ul>	19-20, 20-21
Recycled Water Program	Municipal Program	ES-26	<ul style="list-style-type: none"> <li>Implementation of a recycled water program</li> <li>Includes irrigation inspections to eliminate over-irrigation and irrigation line breakages</li> </ul>	20-21

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MS4 (and related structures) Operation and Maintenance	Municipal Program	ES-10	<ul style="list-style-type: none"> <li>System for inspection and cleaning prioritization based on cleaning data has been implemented</li> <li>Two new trash booms were installed in Escondido and Reidy Creek flood control channels</li> <li>In FY 22-23 began maintenance of 24 newly permitted sites under RGP 94</li> </ul>	18-19, 22-23
Corrugated Metal Pipe (CMP) Replacement and Repair	Corrugated Metal Pipe Replacement and Repair	ES-11 , ES-32	<ul style="list-style-type: none"> <li>The City initiated a significant effort in FY 17-28 to replacement and rehabilitation of old CMPs with more durable storm drain pipes, which will improve water quality and riparian habitat downstream.</li> </ul>	17-18
<b>JRMP Chapter 7. Industrial and Commercial</b>				
Commercial Agriculture Inspections	Commercial Agricultural Operation Inspection Program	ES-24, ES -25	<ul style="list-style-type: none"> <li>Updated Commercial inventory to ensure Agricultural Facilities enrolled in the Commercial Agricultural Order are included.</li> <li>Reviewed inspection procedures and initiated outreach to Agricultural community.</li> </ul>	19-20
Updates to business licensing procedures and State Industrial General Permit (IGP) outreach	Commercial Inspection Program	ES-7	<ul style="list-style-type: none"> <li>Implementing business licensing through online portal, in coordination with multiple departments, to identify businesses needing to enroll in the IGP. Also performing more thorough environmental review at point of licencing.</li> <li>Trained staff and developed website and outreach materials to support businesses needing to enroll in IGP</li> </ul>	18-19
High Priority Inspections of Food Service Establishments	Fat Oil & Grease Inspection Program	ES-7	<ul style="list-style-type: none"> <li>City performs joint FOG and Storm Water inspections of food service establishments at least once per year. A previously stated strategy to perform inspections twice a year was delayed then rejected, as the program is well above permit-required frequency for inventoried commercial establishments.</li> </ul>	17-18, 18-19, 19-20
<b>JRMP Chapter 9. Retrofit and Stream Rehabilitation Programs</b>				
Lake San Marcos - Country Club Redevelopment Project	Escondido Country Club Redevelopment and Runoff Treatment Project	N/A	<ul style="list-style-type: none"> <li>City negotiated with the Country Club redeveloper to accept 103 acres of offsite residential area treated through structural BMPs with nutrient sensitive design.</li> </ul>	18-19
Trash Enclosure Retrofits	Implement Structural or Retrofit BMPs	ES-7.4	<ul style="list-style-type: none"> <li>Updated trash enclosure guidelines in order to clarify municipal code requirements for new and redevelopment projects</li> </ul>	18-19

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Escondido Creek Trail Improvements	Implement Structural or Retrofit BMPs	N/A	<ul style="list-style-type: none"> <li>•City was awarded \$8.5 million grant to improve 4.5 miles of biking and walking path along Escondido Creek</li> <li>•Will provide new public access to riparian habitat in creek mitigation area and education of public</li> </ul>	19-20
Kit Carson Creek and Eagle Scout Lake Improvements	Implement Stream Restoration Activities	ES-27	<ul style="list-style-type: none"> <li>•The Kit Carson Creek Restoration Vision Plan was completed in FY21-22 in an effort to assess and control upstream sediment sources. Identified future improvements may contribute to the reduction of bacteria loading. A bridge replacement project that includes protection of a recycled water line is in progress and seeking environmental permits.</li> </ul>	19-20, 20-21, 21-22
Reidy Creek Improvements	Implement Stream Restoration Activities	ES-25	<ul style="list-style-type: none"> <li>•Development of long term management plan as a part of the City's Landscape Maintenance District Program</li> <li>•Improvement of habitat and through removal of non-native plants and unauthorized encampments</li> <li>•Trash capture devices upstream of the project area installed November 2021</li> </ul>	18-19, 19-20, 21-22
Kit Carson Park Wetland Mitigation Areas	Implement Stream Restoration Activities	ES-15	<ul style="list-style-type: none"> <li>•Plan for a new 10.93-acre mitigation area with 3.25 acres of wetland habitat rehabilitation and enhancement in Kit Carson Park - to be implemented upon RGP Permit renewal (expected FY 2023-24)</li> </ul>	19-20

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<b>JRMP Chapter 10. Education and Public Participation</b>				
Website updates	General Education and Outreach	ES-18.3	<ul style="list-style-type: none"> <li>•Website modernization- translatable in over 100 languages</li> <li>•Improved visibility of illicit discharge reporting options</li> <li>•New Page on Preventing Sewage Spill</li> </ul>	18-19, 22-23
Printed and online outreach	Enhanced Education Programs, Illicit Discharge Detection and Elimination Program, Irrigation Runoff Reduction	ES-18, ES-20	<ul style="list-style-type: none"> <li>•Language changes made to Environmental Programs Website to emphasize over-irrigation prohibition</li> <li>•Creation of new web page to help visitors and Report It! users understand City requirements for water discharges</li> <li>•Educational brochures designed and updated in Spanish and English</li> <li>•"City of Escondido Water" Facebook page was replaced with the use of other City of Escondido social media accounts</li> <li>•Adaptation to outreach programs, as needed, related to COVID-19 social distancing restrictions</li> </ul>	18-19, 19-20, 20-21
Municipal Staff Training	Employee Training/Focused Training	ES-3	<ul style="list-style-type: none"> <li>•Adaptation to outreach programs, as needed, related to COVID-19 social distancing restrictions</li> <li>•Resumed in-person new employee orientation program</li> </ul>	19-20, 20-21, 22-23
School Outreach & Education	Enhanced Education Programs	ES-18.5, ES-18.6	<ul style="list-style-type: none"> <li>• School Partnership created with Nature Collective and the Escondido Union School District for 5th grade</li> <li>•Participation in Storm Water Pollution Prevention Plan Internship program</li> <li>•School outreach now includes virtual options, developed as an adaptation to distance-learning and COVID-19 restrictions.</li> </ul>	18-19, 20-21
Community Cleanups	Enhanced Education Programs	ES-18.5, ES-18.6	<ul style="list-style-type: none"> <li>•We Clean Escondido program was put on hold due to the Covid-19 pandemic, and is now under review. Volunteer cleanups will be the responsibility of the City's new volunteer Coordinator in Community Services.</li> </ul>	20-21



## RGP 94 - Permitted Channel Maintenance Sites

ID	Facility Name/ Location
E-01	2107 Pepper Tree Place: at Village Rd. (behind the address)
E-02	Nutmeg Street/ Fire Station 3 (main channel)
E-03	Nutmeg Street/ Fire Station 3 (east outlet)
E-04	El Norte Parkway: behind 340 W. El Norte Pkwy
E-05	Carrottwood Glen (north outlet); at Rock Springs Rd.
E-06	Carrottwood Glen (east outlet); at Rock Springs Rd.
E-07	Carrottwood Glen (South outlet); at Rock Springs Rd.
E-08	Lincoln Avenue; at Metcalf St.
E-09	Indian Wells Lined Channel; Escondido Ck to Mission Rd (lined portion)
E-10	Broadway Avenue/ Jesmond Dene Road; west of Broadway Ave
E-11	Reidy Creek Golf Course (north outlet); east of Broadway Ave.
E-12	Reidy Creek Golf Course (creek crossing); cart path
E-13	Reidy Creek Golf Course (South inlet); north of Rincon Ave
E-14	Rincon Avenue/ Conway Drive (upstream inlet)
E-15	Rincon Avenue/ Conway Drive (downstream outlet)
E-16	Reidy Creek North (north Outlet); South of Rincon Ave
E-17	Reidy Creek North (Stanley/ Broadway Ave inlet); north of Stanley Ave
E-18	Reidy Creek North ( Stanley/ Broadway Ave outlet); South of Stanley Ave
E-19	Reidy Creek North (south inlet); east of Broadway Ave
E-20	Vista Avenue (north segment); west of Paradise St, north of Brava Pl
E-21	Vista Avenue (south segment); west of Paradise St, south of Brava Pl
E-22	815 Broadway Avenue; beside Quail Creek Apt
E-23	Reidy Creek North (South reach); beside Forest Glen (lined portion)
E-24	Center City Parkway (CCP)/ Decatur Way
E-25	Center City Parkway/ Community Garden
E-26	Reidy Creek South; Escondido Creek to SR-78 (lined portion)
E-27	623 Escondido Boulevard; at Mission Ave
E-28	Trujillo Terrace (north segment); along La Honda Dr. (line portion)
E-29	Trujillo Terrace (south outlet); La Honda Dr South of Vintage Pl
E-30	Trujillo Terrace (south inlet); La Honda Dr btwn Vintage Pl & Campo Pl
E-31	Conway Channels; Rose St to Conway Dr
E-32	Conway Channels; El Norte Pkwy to Stanley Wy
E-33	Conway Channels; Stanley Wy to Kent Ave
E-34	Conway Channels; Kent Ave to North Ash St
E-35	Lake Wohlford Road; at Lake Wohlford Ct
E-36	Lake Wohlford Ct; at Lake Wohlford Rd
E-37	Escondido Creek Lined Channel; entire city (lined portion)
E-38	281 Wanek Road; at Albert Ct
E-39	Falconer Road; at Slivkoff Dr (street inlet)
E-40	Slivkoff Drive (east segment); at Falconer Rd (earthen channel)
E-41	Slivkoff Drive (west segment); at Falconer Rd (earthen channel)
E-42	Silverado Place; at Falconer Rd
E-43	121 Auburn Glen; at Bear Valley Pkwy
E-44	2209 East Valley Parkway; behind business
E-45	Grand Avenue; beside Grand Rose Apts

RGP 94 - Permitted Channel Maintenance Sites

ID	Facility Name/ Location
E-46	Mission Pools; 3rd Ave to S Spruce St (lined portion)
E-47	Fleetwood Street; at Redbark
<i>E-48</i>	<i>W 4th Avenue</i>
<i>E-49</i>	<i>W 5th and Pine</i>
<i>E-50</i>	<i>W 5th Avenue</i>
<i>E-51</i>	<i>800 W Valley</i>
<i>E-52</i>	<i>Rock Springs</i>
<i>E-53</i>	<i>Reidy Creek: Rincon to Pleasantwood</i>
<i>E-54</i>	<i>Reidy Creek- Morning View</i>
<i>E-55</i>	<i>HARRF</i>
<i>E-56</i>	<i>Mcleod Park</i>
<i>E-57</i>	<i>Bienvenido and Vista</i>
<i>E-58</i>	<i>Reidy Creek Golf Course</i>
<i>E-59</i>	<i>E. Side CCP and 13th</i>
<i>E-60</i>	<i>Oak Valley Lane</i>
<i>E-61</i>	<i>Viking Place</i>
<i>E-62</i>	<i>Reidy Creek- Lincoln Avenue</i>
H-01	1855 Naranja Street; at Vermont Ave (lined and unlined positions)
H-02	2035 Escondido Boulevard; behind address
<i>H-02 A</i>	<i>1840 S Centre City Pkwy (extension of existing site)</i>
H-03	Amparo Drive; at Juniper St
H-04	1937 Vermont Place; across from address
H-06	Center City Parkway/ Brotherton Road
H-07	235 Rorex Drive; at Nicolo Ct
H-08	Kit Carson Park (north outlet); Bear Valley Pkwy, south of school
H-09	Kit Carson Park (east channel): Bear Valley Pkwy at Mary Ln
H-10	Kit Carson Park (south outlet); Bear Valley Pkwy so. of San Pasqual Rd
H-11	Kit Carson Park (South driveway, culvert inlet); by baseball fields
H-12	Kit Carson Park (South Driveway, culvert outlet); by baseball fields
H-13	3680 Sunset Drive
<i>H-14</i>	<i>Miller Ave</i>
<i>H-15</i>	<i>Sierra Lane</i>
<i>H-16</i>	<i>Concerto and Beethoven</i>
<i>H-17</i>	<i>Bear Valley Pkwy</i>
<i>H-18</i>	<i>Kit Carson Bike Trail</i>
<i>H-19</i>	<i>Encino and Amparo</i>
<i>H-20</i>	<i>Sunset and Bear Valley</i>
<i>H-21</i>	<i>Via Rancho Pkwy and Sunset Drive</i>
SM-01	David Drive; end of cul-de-sac
SM-02	Golden Circle, behind 2090 Golden Cr
SM-03	Nutmeg Street/Country Club Lane
SM-04	Barham Drive; at Meyers Ave
<i>SM-05</i>	<i>Woodland Parkway</i>