

January 30, 2020

VIA EMAIL TO: SanDiego@waterboards.ca.gov

San Diego Regional Water Quality Control Board
Attn: Laurie Walsh
2375 Northside Drive, Suite 100
San Diego, CA 92108

Subject: City of San Diego Fiscal Year 19 JRMP Annual Report, Permit No. R9-2013-0001:
PIN 255222

Dear Ms. Walsh:

In accordance with MS4 Permit Provision F.3.b, the City of San Diego's Fiscal Year (FY) 19 Jurisdictional Runoff Management Program (JRMP) Annual Report is being submitted as an appendix to the annual reports for the Water Quality Improvement Plans for which the City of San Diego is a responsible agency. We are also submitting the City of San Diego's FY 19 JRMP Annual Report as a separate PDF file so that it can be uploaded to SMARTS. The separate PDF file of the JRMP Annual Report is attached, including watershed-specific data for each watershed in which the City of San Diego is a responsible agency.

Should you have any questions, please contact Jim Harry, Senior Planner, at (858) 541-4353 or at jharry@sandiego.gov.

Sincerely,



Drew Kleis
Deputy Director

DK/jph

Enclosures: FY 19 JRMP Annual Report (with Attachments)

I. COPERMITTEE INFORMATION	
Copermittee Name: City of San Diego (San Dieguito WMA)	
Copermittee Primary Contact Name: Drew Kleis, Deputy Director, Storm Water Division, Transportation & Storm Water Department	
Copermittee Primary Contact Information:	
Address: 9370 Chesapeake Drive, Suite 100	
City: San Diego	County: San Diego
State: CA	Zip: 92123
Telephone: 858-541-4320	Fax: 858-541-4350
Email: Akleis@sandiego.gov	
II. LEGAL AUTHORITY	
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE	
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES <input type="checkbox"/> NO ¹ <input checked="" type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES <input type="checkbox"/> NO <input type="checkbox"/>
IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM²	
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of non-storm water discharges reported by the public	37
Number of non-storm water discharges detected by Copermittee staff or contractors	111
Number of non-storm water discharges investigated by the Copermittee	148
Number of sources of non-storm water discharges identified	148
Number of non-storm water discharges eliminated	136
Number of sources of illicit discharges or connections identified	148
Number of illicit discharges or connections eliminated	136 ³
Number of enforcement actions issued	113 ³
Number of escalated enforcement actions issued	97
V. DEVELOPMENT PLANNING PROGRAM²	
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES ⁴ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of proposed development projects in review	39 ⁵
Number of Priority Development Projects in review	9 ⁶
Number of Priority Development Projects approved	18 ⁷
Number of approved Priority Development Projects exempt from any BMP requirements	0
Number of approved Priority Development Projects allowed alternative compliance	0
Number of Priority Development Projects granted occupancy	41 ⁸
Number of completed Priority Development Projects in inventory	133 ⁹
Number of high priority Priority Development Project structural BMP inspections	4
Number of Priority Development Project structural BMP violations	10 ¹⁰
Number of enforcement actions issued	9 ¹¹
Number of escalated enforcement actions issued	1

VI. CONSTRUCTION MANAGEMENT PROGRAM²

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Number of construction sites in inventory	1,167
Number of active construction sites in inventory	495
Number of inactive construction sites in inventory	59
Number of construction sites closed/completed during reporting period	613
Number of construction site inspections	10,575
Number of construction site violations	655
Number of enforcement actions issued	570
Number of escalated enforcement actions issued	6

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES^{1,12} ☒ NO ☐

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	25	187 ¹³	39	12 ¹⁴
Number of existing development inspections	24	189	6	0 ¹⁴
Number of follow-up inspections	0	0	0	0
Number of violations	0	7	0	86 ¹⁴
Number of enforcement actions issued	0	0	0	5 ¹⁴
Number of escalated enforcement actions issued	0	7	0	81

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

IX. FISCAL ANALYSIS

Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001? YES^{1,15} ☒ NO ☐

X. CERTIFICATION

I [☐ Principal Executive Officer ☐ Ranking Elected Official ☒ Duly Authorized Representative] certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature

Drew Kleis
Print Name

(858) 541-4320
Telephone Number

1/30/20
Date

Deputy Director
Title

Akleis@sandiego.gov
Email

¹ The City of San Diego approved an update to the Jurisdictional Runoff Management Plan (JRMP) in FY 16. The update of the JRMP was performed in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2019 Appendix, Attachment 1 for a citywide summary of this data.

³ The number of enforcement actions issued does not equal the number of identified illicit discharges or connections because some discharge complaints in the last quarter of FY 2019 were still under investigation at the end of FY 2019.

⁴ The Storm Water Standards Manual was updated in October 2018.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/19. The Development Services Department processes other types of permits, in addition to those included in the JRMP Annual Report, that are not subject to the requirements of the municipal permit.

⁶ The number of ongoing Priority Development Projects in review as of 6/30/19. Only a portion of the projects that the Development Services Department processes qualify as a priority development project.

⁷ The number of Priority Development Projects approved in FY 2019.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2019 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2019.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory at the end of FY 2019. These projects include completed projects that were entered into the inventory in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations that were issued to public and private entities within the City's jurisdiction in this watershed.

¹¹ The number of enforcement actions included Notices of Violation and Notices of Deficient Maintenance issued to public and private entities within the City's jurisdiction in this watershed.

¹² Each City (municipal) facility is to be inspected twice per year by staff of the department responsible for the facility, as described in the JRMP. This is higher than the MS4 Permit minimum inspection frequency standard, which requires each site to be inspected once per 5-year period and 20% of the overall existing development inventory (industrial, commercial, municipal, and residential) to be inspected each year.

¹³ The reported number of commercial businesses includes stationary, fixed facilities, such as gas stations or restaurants, located within the watershed management area. The City also has identified mobile businesses that may operate within its jurisdiction. Mobile business inspections are not required by the municipal permit, and mobile businesses are not reported as part of commercial inventory on the JRMP Annual Report form due to the lack of a related, stationary facility to inspect. Mobile businesses are mainly addressed through the City's education and IDDE programs.

¹⁴ Existing facilities for residential uses are characterized as Residential Management Areas (RMA), which could include hundreds of residences. When all of the residences in an RMA are inspected by City staff, they are only counted as one inspection. However, individual issues noted at each residence during an RMA inspection are counted as separate violations and/or enforcement actions. In the event that only a portion of the overall RMA is investigated (e.g., in response to a complaint), violations and enforcement actions may be recorded, but it is not counted as an RMA inspection. RMAs are required to be inspected once every five years. Zero inspections were conducted this year, as the rest of the inventory was inspected in prior years.

¹⁵ See the JRMP Annual Report FY 2019 Appendix for the FY 2019 Fiscal Analysis.

I. COPERMITTEE INFORMATION	
Copermittee Name: City of San Diego (Tijuana WMA)	
Copermittee Primary Contact Name: Drew Kleis, Deputy Director, Storm Water Division, Transportation & Storm Water Department	
Copermittee Primary Contact Information:	
Address: 9370 Chesapeake Drive, Suite 100	
City: San Diego	County: San Diego
State: CA	Zip: 92123
Telephone: 858-541-4320	Fax: 858-541-4350
Email: Akleis@sandiego.gov	
II. LEGAL AUTHORITY	
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE	
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES <input type="checkbox"/> NO ¹ <input checked="" type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES <input type="checkbox"/> NO <input type="checkbox"/>
IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM²	
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of non-storm water discharges reported by the public	43
Number of non-storm water discharges detected by Copermittee staff or contractors	18
Number of non-storm water discharges investigated by the Copermittee	61
Number of sources of non-storm water discharges identified	61
Number of non-storm water discharges eliminated	60
Number of sources of illicit discharges or connections identified	62
Number of illicit discharges or connections eliminated	61³
Number of enforcement actions issued	40³
Number of escalated enforcement actions issued	28
V. DEVELOPMENT PLANNING PROGRAM²	
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES ⁴ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of proposed development projects in review	64⁵
Number of Priority Development Projects in review	23⁶
Number of Priority Development Projects approved	14⁷
Number of approved Priority Development Projects exempt from any BMP requirements	0
Number of approved Priority Development Projects allowed alternative compliance	0
Number of Priority Development Projects granted occupancy	25⁸
Number of completed Priority Development Projects in inventory	109⁹
Number of high priority Priority Development Project structural BMP inspections	6
Number of Priority Development Project structural BMP violations	9¹⁰
Number of enforcement actions issued	8¹¹
Number of escalated enforcement actions issued	1

VI. CONSTRUCTION MANAGEMENT PROGRAM²

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Number of construction sites in inventory	277
Number of active construction sites in inventory	110
Number of inactive construction sites in inventory	20
Number of construction sites closed/completed during reporting period	147
Number of construction site inspections	1,807
Number of construction site violations	112
Number of enforcement actions issued	63
Number of escalated enforcement actions issued	5

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES^{1,12} ☒ NO ☐

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	19	285 ¹³	217	6 ¹⁴
Number of existing development inspections	19	195	68	0 ¹⁴
Number of follow-up inspections	0	4	4	0
Number of violations	0	30	22	17 ¹⁴
Number of enforcement actions issued	0	38	35	3 ¹⁴
Number of escalated enforcement actions issued	0	10	14	14

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

IX. FISCAL ANALYSIS

Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001? YES^{1,15} ☒ NO ☐

X. CERTIFICATION

I [☐ Principal Executive Officer ☐ Ranking Elected Official ☒ Duly Authorized Representative] certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature

Drew Kleis
Print Name

(858) 541-4320
Telephone Number

1/30/20
Date

Deputy Director
Title

Akleis@sandiego.gov
Email

¹ The City of San Diego approved an update to the Jurisdictional Runoff Management Plan (JRMP) in FY 16. The update of the JRMP was performed in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2019 Appendix, Attachment 1 for a citywide summary of this data.

³ The number of enforcement actions issued does not equal the number of identified illicit discharges or connections because some discharge complaints in the last quarter of FY 2019 were still under investigation at the end of FY 2019.

⁴ The Storm Water Standards Manual was updated in October 2018.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/19. The Development Services Department processes other types of permits, in addition to those included in the JRMP Annual Report, that are not subject to the requirements of the municipal permit.

⁶ The number of ongoing Priority Development Projects in review as of 6/30/19. Only a portion of the projects that the Development Services Department processes qualify as a priority development project.

⁷ The number of Priority Development Projects approved in FY 2019.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2019 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2019.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory at the end of FY 2019. These projects include completed projects that were entered into the inventory in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations that were issued to public and private entities within the City's jurisdiction in this watershed.

¹¹ The number of enforcement actions included Notices of Violation and Notices of Deficient Maintenance issued to public and private entities within the City's jurisdiction in this watershed.

¹² Each City (municipal) facility is to be inspected twice per year by staff of the department responsible for the facility, as described in the JRMP. This is higher than the MS4 Permit minimum inspection frequency standard, which requires each site to be inspected once per 5-year period and 20% of the overall existing development inventory (industrial, commercial, municipal, and residential) to be inspected each year.

¹³ The reported number of commercial businesses includes stationary, fixed facilities, such as gas stations or restaurants, located within the watershed management area. The City also has identified mobile businesses that may operate within its jurisdiction. Mobile business inspections are not required by the municipal permit, and mobile businesses are not reported as part of commercial inventory on the JRMP Annual Report form due to the lack of a related, stationary facility to inspect. Mobile businesses are mainly addressed through the City's education and IDDE programs.

¹⁴ Existing facilities for residential uses are characterized as Residential Management Areas (RMA), which could include hundreds of residences. When all of the residences in an RMA are inspected by City staff, they are only counted as one inspection. However, individual issues noted at each residence during an RMA inspection are counted as separate violations and/or enforcement actions. In the event that only a portion of the overall RMA is investigated (e.g., in response to a complaint), violations and enforcement actions may be recorded, but it is not counted as an RMA inspection. RMAs are required to be inspected once every five years. Zero inspections were conducted this year, as the rest of the inventory was inspected in prior years.

¹⁵ See the JRMP Annual Report FY 2019 Appendix for the FY 2019 Fiscal Analysis.

I. COPERMITTEE INFORMATION		
Copermittee Name: City of San Diego (San Diego River WMA)		
Copermittee Primary Contact Name: Drew Kleis, Deputy Director, Storm Water Division, Transportation & Storm Water Department		
Copermittee Primary Contact Information:		
Address: 9370 Chesapeake Drive, Suite 100		
City: San Diego	County: San Diego	State: CA Zip: 92123
Telephone: 858-541-4320	Fax: 858-541-4350	Email: Akleis@sandiego.gov
II. LEGAL AUTHORITY		
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES ¹	<input checked="" type="checkbox"/>
	NO	<input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES	<input checked="" type="checkbox"/>
	NO	<input type="checkbox"/>
III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE		
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES	<input type="checkbox"/>
	NO ¹	<input checked="" type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES	<input type="checkbox"/>
	NO	<input type="checkbox"/>
IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM²		
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES ¹	<input checked="" type="checkbox"/>
	NO	<input type="checkbox"/>
Number of non-storm water discharges reported by the public	693	
Number of non-storm water discharges detected by Copermittee staff or contractors	243	
Number of non-storm water discharges investigated by the Copermittee	934	
Number of sources of non-storm water discharges identified	934	
Number of non-storm water discharges eliminated	901	
Number of sources of illicit discharges or connections identified	939	
Number of illicit discharges or connections eliminated	906³	
Number of enforcement actions issued	703³	
Number of escalated enforcement actions issued	423	
V. DEVELOPMENT PLANNING PROGRAM²		
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES ¹	<input checked="" type="checkbox"/>
	NO	<input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES	<input checked="" type="checkbox"/>
	NO	<input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES ⁴	<input checked="" type="checkbox"/>
	NO	<input type="checkbox"/>
Number of proposed development projects in review	202⁵	
Number of Priority Development Projects in review	41⁶	
Number of Priority Development Projects approved	21⁷	
Number of approved Priority Development Projects exempt from any BMP requirements	0	
Number of approved Priority Development Projects allowed alternative compliance	0	
Number of Priority Development Projects granted occupancy	40⁸	
Number of completed Priority Development Projects in inventory	329⁹	
Number of high priority Priority Development Project structural BMP inspections	3	
Number of Priority Development Project structural BMP violations	21¹⁰	
Number of enforcement actions issued	21¹¹	
Number of escalated enforcement actions issued	0	

VI. CONSTRUCTION MANAGEMENT PROGRAM²

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Number of construction sites in inventory	2,002
Number of active construction sites in inventory	788
Number of inactive construction sites in inventory	175
Number of construction sites closed/completed during reporting period	1,039
Number of construction site inspections	15,140
Number of construction site violations	1,152
Number of enforcement actions issued	847
Number of escalated enforcement actions issued	33

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES^{1,12} ☒ NO ☐

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	118	1,542 ¹³	279	33 ¹⁴
Number of existing development inspections	109	1,402	77	8 ¹⁴
Number of follow-up inspections	0	9	0	0
Number of violations	14	120	2	205 ¹⁴
Number of enforcement actions issued	0	18	3	46 ¹⁴
Number of escalated enforcement actions issued	14	111	2	159

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

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Signature

Drew Kleis
Print Name

(858) 541-4320
Telephone Number


Date

Deputy Director
Title

Akleis@sandiego.gov
Email

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³ The number of enforcement actions issued does not equal the number of identified illicit discharges or connections because some discharge complaints in the last quarter of FY 2019 were still under investigation at the end of FY 2019.

⁴ The Storm Water Standards Manual was updated in October 2018.

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⁹ Represents the total number of completed Priority Development Projects in the City's inventory at the end of FY 2019. These projects include completed projects that were entered into the inventory in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations that were issued to public and private entities within the City's jurisdiction in this watershed.

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¹⁵ See the JRMP Annual Report FY 2019 Appendix for the FY 2019 Fiscal Analysis.

I. COPERMITTEE INFORMATION	
Copermittee Name: City of San Diego (San Diego Bay WMA)	
Copermittee Primary Contact Name: Drew Kleis, Deputy Director, Storm Water Division, Transportation & Storm Water Department	
Copermittee Primary Contact Information:	
Address: 9370 Chesapeake Drive, Suite 100	
City: San Diego	County: San Diego
State: CA	Zip: 92123
Telephone: 858-541-4320	Fax: 858-541-4350
Email: Akleis@sandiego.gov	
II. LEGAL AUTHORITY	
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE	
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES <input type="checkbox"/> NO ¹ <input checked="" type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES <input type="checkbox"/> NO <input type="checkbox"/>
IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM²	
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of non-storm water discharges reported by the public	968
Number of non-storm water discharges detected by Copermittee staff or contractors	347
Number of non-storm water discharges investigated by the Copermittee	1,315
Number of sources of non-storm water discharges identified	1,315
Number of non-storm water discharges eliminated	1,271
Number of sources of illicit discharges or connections identified	1,318
Number of illicit discharges or connections eliminated	1,274³
Number of enforcement actions issued	814³
Number of escalated enforcement actions issued	496
V. DEVELOPMENT PLANNING PROGRAM²	
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES ⁴ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of proposed development projects in review	529⁵
Number of Priority Development Projects in review	80⁶
Number of Priority Development Projects approved	21⁷
Number of approved Priority Development Projects exempt from any BMP requirements	0
Number of approved Priority Development Projects allowed alternative compliance	0
Number of Priority Development Projects granted occupancy	68⁸
Number of completed Priority Development Projects in inventory	85⁹
Number of high priority Priority Development Project structural BMP inspections	0
Number of Priority Development Project structural BMP violations	7¹⁰
Number of enforcement actions issued	6¹¹
Number of escalated enforcement actions issued	1

VI. CONSTRUCTION MANAGEMENT PROGRAM²

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Number of construction sites in inventory	2,961
Number of active construction sites in inventory	1,276
Number of inactive construction sites in inventory	242
Number of construction sites closed/completed during reporting period	1,443
Number of construction site inspections	19,018
Number of construction site violations	1,124
Number of enforcement actions issued	643
Number of escalated enforcement actions issued	71

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES^{1,12} ☒ NO ☐

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	185	3,337 ¹³	387	70 ¹⁴
Number of existing development inspections	183	1,983	93	0 ¹⁴
Number of follow-up inspections	0	8	3	0
Number of violations	27	167	13	365 ¹⁴
Number of enforcement actions issued	1	56	7	81 ¹⁴
Number of escalated enforcement actions issued	26	146	11	284

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

IX. FISCAL ANALYSIS

Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001? YES^{1, 15} ☒ NO ☐

X. CERTIFICATION

I [☐ Principal Executive Officer ☐ Ranking Elected Official ☒ Duly Authorized Representative] certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature

Drew Kleis
Print Name

(858) 541-4320
Telephone Number

1/30/20
Date

Deputy Director
Title

Akleis@sandiego.gov
Email

¹ The City of San Diego approved an update to the Jurisdictional Runoff Management Plan (JRMP) in FY 16. The update of the JRMP was performed in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2019 Appendix, Attachment 1 for a citywide summary of this data.

³ The number of enforcement actions issued does not equal the number of identified illicit discharges or connections because some discharge complaints in the last quarter of FY 2019 were still under investigation at the end of FY 2019.

⁴ The Storm Water Standards Manual was updated in October 2018.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/19. The Development Services Department processes other types of permits, in addition to those included in the JRMP Annual Report, that are not subject to the requirements of the municipal permit.

⁶ The number of ongoing Priority Development Projects in review as of 6/30/19. Only a portion of the projects that the Development Services Department processes qualify as a priority development project.

⁷ The number of Priority Development Projects approved in FY 2019.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2019 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2019.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory at the end of FY 2019. These projects include completed projects that were entered into the inventory in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations that were issued to public and private entities within the City's jurisdiction in this watershed.

¹¹ The number of enforcement actions included Notices of Violation and Notices of Deficient Maintenance issued to public and private entities within the City's jurisdiction in this watershed.

¹² Each City (municipal) facility is to be inspected twice per year by staff of the department responsible for the facility, as described in the JRMP. This is higher than the MS4 Permit minimum inspection frequency standard, which requires each site to be inspected once per 5-year period and 20% of the overall existing development inventory (industrial, commercial, municipal, and residential) to be inspected each year.

¹³ The reported number of commercial businesses includes stationary, fixed facilities, such as gas stations or restaurants, located within the watershed management area. The City also has identified mobile businesses that may operate within its jurisdiction. Mobile business inspections are not required by the municipal permit, and mobile businesses are not reported as part of commercial inventory on the JRMP Annual Report form due to the lack of a related, stationary facility to inspect. Mobile businesses are mainly addressed through the City's education and IDDE programs.

¹⁴ Existing facilities for residential uses are characterized as Residential Management Areas (RMA), which could include hundreds of residences. When all of the residences in an RMA are inspected by City staff, they are only counted as one inspection. However, individual issues noted at each residence during an RMA inspection are counted as separate violations and/or enforcement actions. In the event that only a portion of the overall RMA is investigated (e.g., in response to a complaint), violations and enforcement actions may be recorded, but it is not counted as an RMA inspection. RMAs are required to be inspected once every five years. Zero inspections were conducted this year, as the rest of the inventory was inspected in prior years.

¹⁵ See the JRMP Annual Report FY 2019 Appendix for the FY 2019 Fiscal Analysis.

I. COPERMITTEE INFORMATION	
Copermittee Name: City of San Diego (Mission Bay/La Jolla WMA)	
Copermittee Primary Contact Name: Drew Kleis, Deputy Director, Storm Water Division, Transportation & Storm Water Department	
Copermittee Primary Contact Information:	
Address: 9370 Chesapeake Drive, Suite 100	
City: San Diego	County: San Diego
State: CA	Zip: 92123
Telephone: 858-541-4320	Fax: 858-541-4350
Email: Akleis@sandiego.gov	
II. LEGAL AUTHORITY	
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE	
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES <input type="checkbox"/> NO ¹ <input checked="" type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES <input type="checkbox"/> NO <input type="checkbox"/>
IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM²	
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of non-storm water discharges reported by the public	488
Number of non-storm water discharges detected by Copermittee staff or contractors	252
Number of non-storm water discharges investigated by the Copermittee	740
Number of sources of non-storm water discharges identified	740
Number of non-storm water discharges eliminated	691
Number of sources of illicit discharges or connections identified	741
Number of illicit discharges or connections eliminated	692³
Number of enforcement actions issued	463³
Number of escalated enforcement actions issued	303
V. DEVELOPMENT PLANNING PROGRAM²	
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES ⁴ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of proposed development projects in review	337⁵
Number of Priority Development Projects in review	34⁶
Number of Priority Development Projects approved	12⁷
Number of approved Priority Development Projects exempt from any BMP requirements	0
Number of approved Priority Development Projects allowed alternative compliance	0
Number of Priority Development Projects granted occupancy	48⁸
Number of completed Priority Development Projects in inventory	279⁹
Number of high priority Priority Development Project structural BMP inspections	5
Number of Priority Development Project structural BMP violations	26¹⁰
Number of enforcement actions issued	23¹¹
Number of escalated enforcement actions issued	3

VI. CONSTRUCTION MANAGEMENT PROGRAM²

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Number of construction sites in inventory	2,796
Number of active construction sites in inventory	1,126
Number of inactive construction sites in inventory	326
Number of construction sites closed/completed during reporting period	1,344
Number of construction site inspections	16,518
Number of construction site violations	877
Number of enforcement actions issued	644
Number of escalated enforcement actions issued	39

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES^{1,12} ☒ NO ☐

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	141	1,470 ¹³	202	32 ¹⁴
Number of existing development inspections	134	1,264	54	0 ¹⁴
Number of follow-up inspections	0	10	0	0
Number of violations	2	97	3	179 ¹⁴
Number of enforcement actions issued	0	31	4	40 ¹⁴
Number of escalated enforcement actions issued	2	91	1	139

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

IX. FISCAL ANALYSIS

Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001? YES^{1, 15} ☒ NO ☐

X. CERTIFICATION

I [☐ Principal Executive Officer ☐ Ranking Elected Official ☒ Duly Authorized Representative] certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature

11/30/20
Date

Drew Kleis
Print Name

Deputy Director
Title

(858) 541-4320
Telephone Number

Akleis@sandiego.gov
Email

¹ The City of San Diego approved an update to the Jurisdictional Runoff Management Plan (JRMP) in FY 16. The update of the JRMP was performed in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2019 Appendix, Attachment 1 for a citywide summary of this data.

³ The number of enforcement actions issued does not equal the number of identified illicit discharges or connections because some discharge complaints in the last quarter of FY 2019 were still under investigation at the end of FY 2019.

⁴ The Storm Water Standards Manual was updated in October 2018.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/19. The Development Services Department processes other types of permits, in addition to those included in the JRMP Annual Report, that are not subject to the requirements of the municipal permit.

⁶ The number of ongoing Priority Development Projects in review as of 6/30/19. Only a portion of the projects that the Development Services Department processes qualify as a priority development project.

⁷ The number of Priority Development Projects approved in FY 2019.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2019 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2019.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory at the end of FY 2019. These projects include completed projects that were entered into the inventory in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations that were issued to public and private entities within the City's jurisdiction in this watershed.

¹¹ The number of enforcement actions included Notices of Violation and Notices of Deficient Maintenance issued to public and private entities within the City's jurisdiction in this watershed.

¹² Each City (municipal) facility is to be inspected twice per year by staff of the department responsible for the facility, as described in the JRMP. This is higher than the MS4 Permit minimum inspection frequency standard, which requires each site to be inspected once per 5-year period and 20% of the overall existing development inventory (industrial, commercial, municipal, and residential) to be inspected each year.

¹³ The reported number of commercial businesses includes stationary, fixed facilities, such as gas stations or restaurants, located within the watershed management area. The City also has identified mobile businesses that may operate within its jurisdiction. Mobile business inspections are not required by the municipal permit, and mobile businesses are not reported as part of commercial inventory on the JRMP Annual Report form due to the lack of a related, stationary facility to inspect. Mobile businesses are mainly addressed through the City's education and IDDE programs.

¹⁴ Existing facilities for residential uses are characterized as Residential Management Areas (RMA), which could include hundreds of residences. When all of the residences in an RMA are inspected by City staff, they are only counted as one inspection. However, individual issues noted at each residence during an RMA inspection are counted as separate violations and/or enforcement actions. In the event that only a portion of the overall RMA is investigated (e.g., in response to a complaint), violations and enforcement actions may be recorded, but it is not counted as an RMA inspection. RMAs are required to be inspected once every five years. Zero inspections were conducted this year, as the rest of the inventory was inspected in prior years.

¹⁵ See the JRMP Annual Report FY 2019 Appendix for the FY 2019 Fiscal Analysis.

I. COPERMITTEE INFORMATION	
Copermittee Name: City of San Diego (Los Peñasquitos WMA)	
Copermittee Primary Contact Name: Drew Kleis, Deputy Director, Storm Water Division, Transportation & Storm Water Department	
Copermittee Primary Contact Information:	
Address: 9370 Chesapeake Drive, Suite 100	
City: San Diego	County: San Diego
State: CA	Zip: 92123
Telephone: 858-541-4320	Fax: 858-541-4350
Email: Akleis@sandiego.gov	
II. LEGAL AUTHORITY	
Has the Copermittee established adequate legal authority within its jurisdiction to control pollutant discharges into and from its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
A Principal Executive Officer, Ranking Elected Official, or Duly Authorized Representative has certified that the Copermittee obtained and maintains adequate legal authority?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
III. JURISDICTIONAL RUNOFF MANAGEMENT PROGRAM DOCUMENT UPDATE	
Was an update of the jurisdictional runoff management program document required or recommended by the San Diego Water Board?	YES <input type="checkbox"/> NO ¹ <input checked="" type="checkbox"/>
If YES to the question above, did the Copermittee update its jurisdictional runoff management program document and make it available on the Regional Clearinghouse?	YES <input type="checkbox"/> NO <input type="checkbox"/>
IV. ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM²	
Has the Copermittee implemented a program to actively detect and eliminate illicit discharges and connections to its MS4 that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of non-storm water discharges reported by the public	309
Number of non-storm water discharges detected by Copermittee staff or contractors	199
Number of non-storm water discharges investigated by the Copermittee	508
Number of sources of non-storm water discharges identified	508
Number of non-storm water discharges eliminated	486
Number of sources of illicit discharges or connections identified	508
Number of illicit discharges or connections eliminated	486³
Number of enforcement actions issued	349³
Number of escalated enforcement actions issued	221
V. DEVELOPMENT PLANNING PROGRAM²	
Has the Copermittee implemented a development planning program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Was an update to the BMP Design Manual required or recommended by the San Diego Water Board?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If YES to the question above, did the Copermittee update its BMP Design Manual and make it available on the Regional Clearinghouse?	YES ⁴ <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Number of proposed development projects in review	182⁵
Number of Priority Development Projects in review	49⁶
Number of Priority Development Projects approved	29⁷
Number of approved Priority Development Projects exempt from any BMP requirements	0
Number of approved Priority Development Projects allowed alternative compliance	0
Number of Priority Development Projects granted occupancy	31⁸
Number of completed Priority Development Projects in inventory	216⁹
Number of high priority Priority Development Project structural BMP inspections	16
Number of Priority Development Project structural BMP violations	41¹⁰
Number of enforcement actions issued	36¹¹
Number of escalated enforcement actions issued	5

VI. CONSTRUCTION MANAGEMENT PROGRAM²

Has the Copermittee implemented a construction management program that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

Number of construction sites in inventory	1,178
Number of active construction sites in inventory	509
Number of inactive construction sites in inventory	80
Number of construction sites closed/completed during reporting period	589
Number of construction site inspections	8,299
Number of construction site violations	385
Number of enforcement actions issued	168
Number of escalated enforcement actions issued	17

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001? YES^{1,12} ☒ NO ☐

	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	126	1,180 ¹³	514	27 ¹⁴
Number of existing development inspections	123	923	71	0 ¹⁴
Number of follow-up inspections	0	7	0	0
Number of violations	1	72	8	133 ¹⁴
Number of enforcement actions issued	0	30	11	22 ¹⁴
Number of escalated enforcement actions issued	1	59	3	111

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐


Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001? YES¹ ☒ NO ☐

IX. FISCAL ANALYSIS

Has the Copermittee attached to this form a summary of its fiscal analysis that complies with Order No. R9-2013-0001? YES¹⁵ ☒ NO ☐

X. CERTIFICATION

I [☐ Principal Executive Officer ☐ Ranking Elected Official ☒ Duly Authorized Representative] certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature

1/30/20
Date

Drew Kleis
Print Name

Deputy Director
Title

(858) 541-4320
Telephone Number

Akleis@sandiego.gov
Email

¹ The City of San Diego approved an update to the Jurisdictional Runoff Management Plan (JRMP) in FY 16. The update of the JRMP was performed in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2019 Appendix, Attachment 1 for a citywide summary of this data.

³ The number of enforcement actions issued does not equal the number of identified illicit discharges or connections because some discharge complaints in the last quarter of FY 2019 were still under investigation at the end of FY 2019.

⁴ The Storm Water Standards Manual was updated in October 2018.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/19. The Development Services Department processes other types of permits, in addition to those included in the JRMP Annual Report, that are not subject to the requirements of the municipal permit.

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⁷ The number of Priority Development Projects approved in FY 2019.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2019 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2019.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory at the end of FY 2019. These projects include completed projects that were entered into the inventory in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations that were issued to public and private entities within the City's jurisdiction in this watershed.

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¹³ The reported number of commercial businesses includes stationary, fixed facilities, such as gas stations or restaurants, located within the watershed management area. The City also has identified mobile businesses that may operate within its jurisdiction. Mobile business inspections are not required by the municipal permit, and mobile businesses are not reported as part of commercial inventory on the JRMP Annual Report form due to the lack of a related, stationary facility to inspect. Mobile businesses are mainly addressed through the City's education and IDDE programs.

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¹⁵ See the JRMP Annual Report FY 2019 Appendix for the FY 2019 Fiscal Analysis.

January 16, 2020

Laurie Walsh, PE
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego CA 92108

Dear Ms. Walsh:

Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2019 Annual Report, Development Services Department, Engineering Division Contributions

Please accept this letter as certification of the City of San Diego Development Services Department Engineering Division's contributions to the City of San Diego's JRMP Fiscal Year 2019 Annual Report and associated Appendices.

If you have any questions, please contact Walter Gefrom, Senior Civil Engineer, at 619-446-5442.

I certify under penalty of law that this Jurisdictional Runoff Management Plan Fiscal Year 2019 Annual Report and attachments (associated with the Development Services Department, Engineering Division) were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment of knowing violations.

Sincerely,



Edric Doringo, PE
Deputy Director

ED/wg

Cc: Elyse Lowe, Director, Development Services Department
Gregory Hopkins, Assistant Director, Development Services Department
Drew Kleis, Deputy Director, Transportation and Storm Water Department



Development Services Department

Building Construction & Safety Division

January 14, 2020

Laurie Walsh
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Dear Ms. Walsh:

Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2019 Annual Report, Development Services Department Inspection Services Division Contributions

Please accept this letter as certification of the City of San Diego Development Services Department Inspection Services Division's contributions to the City of San Diego's JRMP Fiscal Year 2019 Annual Report, and associated Appendices.

If you have any questions, please contact Jeff Tamares, Senior Civil Engineer at (858) 627-2020.

I certify, under penalty of law, that this Jurisdictional Runoff Management Plan Fiscal Year 2019 Annual Report and attachments (associated with the Development Services Department, Inspection Services Division) 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 known violations.

Sincerely,

A handwritten signature in blue ink, appearing to read "Afsaneh Ahmadi".

Afsaneh Ahmadi, PE, CBO
Chief Building Official/Deputy Director
Development Services Department

Public Works

Construction Management & Field Services

January 9, 2020

Laurie Walsh
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Dear Ms. Walsh:

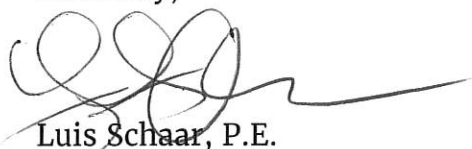
Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2019
Annual Report, Public Works Department, Construction Management and
Field Engineering Division Contributions

Please accept this letter as certification of the City of San Diego Public Works
Department Construction Management and Field Engineering Division's
contributions to the City of San Diego's JRMP Fiscal Year 2019 Annual Report, and
associated Appendices.

If you have any questions, please contact Harry Nguyen, Senior Civil Engineer, at
(858) 573-5012.

I certify under penalty of law that this Jurisdictional Runoff Management Plan Fiscal Year 2019 Annual Report and attachments (associated with the Public Works Department Construction Management and Field Engineering Division) 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, to the best of my knowledge and belief, is 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.

Sincerely,



Luis Schaar, P.E.
Deputy Director
PWD – CM&FE Division



Office of the Director and City Engineer
Public Works Department

January 16, 2020

Laurie Walsh
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Reference/Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2019 Annual Report, Public Works Department, Engineering Support and Technical Services Division Contributions on Public Design Projects

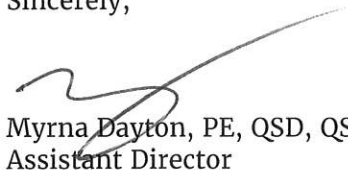
Dear Ms. Walsh:

Please accept this letter as certification of the City of San Diego Public Works Department, Engineering Support and Technical Services Division's contributions to the City of San Diego's JRMP Fiscal Year 2019 Annual Report, and associated Appendices regarding public projects in design phase in Fiscal Year 2019.

If you have any questions, please contact Catherine Dungca, Senior Civil Engineer, at (619) 533-3778.

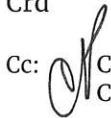
I certify, under penalty of law, that this Jurisdictional Runoff Management Plan Fiscal Year 2019 Annual Report and attachments (associated with the Public Works Department, Engineering Support and Technical Services Division) were prepared under my direction or supervision in accordance with a system 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 known violations.

Sincerely,



Myrna Dayton, PE, QSD, QSP, DCE
Assistant Director
Public Works Department

Crd



Cc: Carrie Purcell, Assistant Deputy Director, Public Works Department
Catherine Dungca, Senior Civil Engineer, Public Works Department

APPENDIX

1 OPERATIONAL ADAPTIVE MANAGEMENT

The following are operational adaptive management improvements that the City made during Fiscal Year (FY) 2019:

- **Los Peñasquitos Watershed Master Plan**

The City leads water quality improvement efforts, primarily by reducing pollutants in urban runoff and storm water to the maximum extent practicable. One such effort is the City's development of Watershed Master Plans (WMP), which are a supplement to the data collected in the Watershed Asset Management Plan (WAMP). The Los Peñasquitos Watershed Master Plan (Los Peñasquitos WMP), developed in FY 2018 identifies projects and activities that the City and its partners will implement to improve drainage, water quality, lagoon restoration, and habitat mitigation in the watershed as funding becomes available.

The goal of the Los Peñasquitos WMP is to provide a comprehensive plan for protecting, enhancing, and sustaining the quality of water resources in the Los Peñasquitos Watershed Management Area (WMA). Implementing the WMP will improve flood protection, improve water quality, conserve water resources, and preserve natural habitats and recreational areas.

Using information from recent plans and studies, as well as from new data collection and analysis efforts, the Los Peñasquitos WMP identifies issues in the watershed, describes modeling scenarios and their results, considers the implications of climate change on the watershed, plan and projects, and lists the prioritized capital improvement projects (CIP) identified for implementation.

- **Chollas Watershed Master Plan and Stream Restoration Opportunities**

Development of the Chollas Watershed Master Plan (CWMP) was a multi-year effort. The CWMP identifies, prioritizes, and optimizes the water quality, flood control, and stream restoration opportunities within the Chollas Creek Watershed. To achieve that goal, LIDAR data was used to delineate the drainage basins for each inlet of the conveyance network. Using the localized drainage information, optimal locations of green infrastructure and multi-use treatment area opportunities were identified to address the issues of water quality and flood control. Additionally, the CWMP determined the areas of stream restoration that would enhance the outcomes of the structural projects.

- **Reconciling the Watershed Asset Management Plan**

The Watershed Asset Management Plan (WAMP) was developed after the original adoption of the current MS4 Permit in order to guide the operation and maintenance of the City's large portfolio of storm water assets. The effort to modernize the WAMP continued in FY 2019. To help calibrate the WAMP, and increase its utility, activities and costs associated with operation and maintenance activities of individual assets were studied. These investigations are leading to a more accurate and efficient WAMP, which will allow the city to more accurately predict life cycle costs and make highly-informed decisions regarding the management of its assets.

2 STORM WATER PROGRAM ACCOMPLISHMENTS/NOTABLE UPDATES

The City continued to implement the key elements of the JRMP. The following are storm water accomplishments and notable updates that occurred during the FY 2019 reporting period.

- **Water Quality Improvement Plans**

In FY 2019 the City continued to implement the Water Quality Improvement Plans (WQIPs) that included City jurisdiction. The goal of the WQIPs is to protect, preserve, enhance, and restore the water quality of receiving water bodies. These WQIPs identify the adaptive planning and management process necessary to address the highest priority water quality conditions within a watershed. The WQIPs also identify strategies to achieve improvements in the quality of discharges from the Responsible Agencies' storm drain systems. The City is the lead on the WQIP for the San Dieguito, Los Peñasquitos, and Mission Bay watersheds. The City is also a participating agency in the San Diego River, San Diego Bay, and Tijuana River watersheds.

- **JRMP**

In FY 2019, the City made administrative changes to the JRMP. The modified JRMP can be viewed at <https://www.sandiego.gov/stormwater/plansreports/jrmp>. Minor modifications to the JRMP were made to clarify interdepartmental coordination multiple issues.

- **General Plan and Community Plan Amendments**

Midway - Pacific Highway Community Plan Update

- Date started: Nov. 2010
- Adoption or anticipated adoption date: Sept. 17, 2018
- Key storm water issue addressed by the plan: Storm water flooding associated with high tides and high-water table.
- Recommendations for improvements that include storm water:
 - Green Street improvements to Midway Drive, Barnett Avenue, Lytton Street, Rosecrans Street, Pacific Highway, Witherby Street, West Washington Street, Palm Street, Laurel Street, and five proposed new streets.
- Policies that address storm water:
 - Incorporate green street improvements along Midway Drive, Dutch Flats Parkway, Charles Lindbergh Parkway, and Barnett Avenue.
 - Provide a furnishing area between the curb and the sidewalk, with street trees and plantings within parkway planting areas, bioswales, or tree wells, to enhance the pedestrian environment and capture urban runoff where feasible. (Refer also to the Urban Greening section.)
 - Design green streets [as identified in Figure 4-1] that incorporate enhanced pedestrian and bicycle facilities, canopy street trees, and storm water management features that increase absorption of storm water, pollutants, and carbon dioxide.
 - Design and construct all new public streets with green street features to the extent feasible.

- Minimize the use of impervious surfaces and surfaces that have large thermal gain to promote storm water infiltration and reduce the urban heat island effect.
- Incorporate low impact development landscaping techniques within surface parking areas, such as inverted planting strips, turf-crete, and tree wells with shade trees.
- Integrate storm water and urban runoff capture and treatment facilities into landscaping and parking areas.
- Minimize on-site impermeable surfaces, such as concrete and asphalt.
- Utilize permeable paving materials such as permeable pavers, porous asphalt, reinforced grass pavement (turf-crete), cobblestone block pavement, etc. to allow storm water and urban runoff infiltration.
- Choose the permeable paving material that best suits the location of implementation, taking into consideration maintenance needs for the type of permeable paving which could include street sweeping.
- Encourage rooftop gardens and green roofs for their sustainability benefits that include reduced urban runoff and urban heat island effect.
- Incorporate Low Impact Development practices into building design and site plans that work with the natural hydrology of a site to reduce urban runoff, including the design or retrofit of existing landscaped or impervious areas to better capture storm water runoff.
- Incorporate and maintain storm water best management practices in public infrastructure and private development projects, including streetscape improvements to limit water pollution, erosion, and sedimentation.
- Prioritize Low Impact Development practices that encourage water infiltration to minimize reliance on storm drains that could be impaired by sea level rise.
- Consider public-private partnerships to construct storm water management infrastructure as part of linear parks, urban paths, and/or urban greening projects.
- Consider converting the Pacific Highway frontage road and Kurtz Street in the Hancock Transit Corridor to one-way streets to support expanded urban greening projects for storm water management and sidewalk widening.
- Consider sea level rise adaptation in the design of new storm water facilities and improvements to existing infrastructure where feasible to account for sea level rise-related challenges such as flooded San Diego Bay or San Diego River outfalls.
- Encourage private development and public improvement projects to incorporate storm water facilities to address sea level-related flooding or a rising water table where feasible.
- Incorporate storm water low impact development practices with the development of park and recreation facilities adjacent to the San Diego River.
- Upgrade infrastructure for water, wastewater, and storm water facilities and institute a program to clean the storm drain system prior to the rainy season.
- Install low impact development infrastructure that includes components to capture, minimize, and/or prevent pollutants in urban runoff from reaching the San Diego River, San Diego Bay, and Pacific Ocean.

- Encourage innovative best management practices that provide opportunities for enhanced storm water management in public works projects, transportation facilities and private developments. These may include curb inserts, paver filter strips, bulb-out infiltration zones, linear detention basins and infiltrating tree wells.

Old Town Community Plan Update

- Date started: Nov. 2010
- Adoption or anticipated adoption date: Oct. 29, 2018
- Key storm water issue addressed by the plan: Storm water flooding associated with position below Mission Hills.
- Recommendations for improvements that include storm water: Green Street improvements on Taylor Street and Pacific Highway.
- Policies that address storm water:
 - Design parking areas for private development and retrofit visitor-serving parking lots to incorporate storm water management features that are reflective of Old Town's pre-1871 community character, such as permeable paving, bio-retention areas or bioswales, and vegetated filter strips with native plant species as landscaping.
 - Incorporate site design features to minimize storm water runoff that are compatible with Old Town's community character (e.g. vegetated bio-retention ponds or bioswales, permeable paving, infiltration trenches, planter boxes, cisterns, or rain barrels).
 - Minimize the use of impervious surfaces and surfaces that have large thermal gain (including asphalt and gravel) to promote storm water infiltration and reduce the Urban Heat Island effect.
 - Design parkway and median landscaping areas to incorporate a central indentation to assist in the capture and infiltration of irrigation and storm water.
 - Include storm water management features as part of streetscape enhancements along Taylor Street and Pacific Highway.
 - Retrofit Pacific Highway to serve as a boulevard street providing a strengthened linkage from the San Diego River Park into Old Town San Diego and to Downtown. These improvements should include storm water management features.
 - Increase the community's overall tree canopy within the public right-of-way and development sites to provide air quality benefits and urban runoff management.
 - Incorporate Low Impact Development practices into building design and site plans that work with the natural hydrology of a site to reduce urban runoff, including the design or retrofit of existing landscaped or impervious areas to better capture storm water runoff.
 - Incorporate and maintain storm water best management practices in public infrastructure and private development projects, including streetscape improvements to limit water pollution, erosion, and sedimentation.

- Prioritize Low Impact Development practices that encourage water infiltration to minimize reliance on storm drains that could be impaired by sea level rise.

Mission Valley Community Plan

- Date started: Summer 2015
- Adoption or anticipated adoption date: Summer 2019
- Key storm water issue addressed by the plan: Flooding associated with the San Diego River
- Recommendations for improvements that include storm water:
 - Finding opportunities and funding for the capture of storm water for reuse and infiltration into the groundwater system. Proactively managing flood risk via supporting roadway extensions such as Fenton Parkway and Via Las Cumbres to provide high-water crossing during flooding events, street design, and best management practices.
- Policies that address storm water:
 - Provide for sustainable street designs, including storm water infiltration measures that reduce stormwater runoff and flooding.
 - Seek out grant funding to support the design and construction of infrastructure, including roads and pedestrian bridges, to allow safe means of travel should low level crossings and other parts of Mission Valley flood.
 - Implement applicable requirements of the Environmentally Sensitive Lands regulations, Biology Guidelines, and the MSCP Subarea Plan for preservation, mitigation, acquisition, restoration, and management and monitoring of biological resources to provide areas for natural retention and filtration of water to better manage flooding.
 - Follow and implement flood mitigation strategies outlined in the City of San Diego Flood Mitigation Plan and the Land Development Code.
 - Consider the need and potential for a flood control facility to store and control the release of water into the San Diego River and its tributaries.
 - Support the continual maintenance of dams upstream by dredging to decrease the potential for property damage and loss of life from flooding and to avoid the need for further engineered channels, channel improvements, and other flood control facilities.
 - Seek out grant funding to support the design and construction of infrastructure, including roads and pedestrian bridges, to allow safe means of travel should low level crossings and other parts of Mission Valley flood.
 - Encourage all stormwater and urban run-off drainage into resource-based parks or open space lands be filtered or treated before entering the area. Design surface parking lots to incorporate trees for shading and permeable surfaces to minimize stormwater runoff.
 - Ensure the design of new development integrates storm water best management practices on site to maximize their effectiveness by:
 - Allowing the use of green roofs and water collection devices, such as bio swales, cisterns, and rain barrels, to capture rainwater from the building for re-use.

- Utilizing disconnected drain sprouts to interrupt the direct flow of rain-water from the buildings to the storm water system. Integrate these features to imbibe buildings with a distinctive architectural character.
- Minimizing on site impermeable surfaces, such as concrete and asphalt. Utilizing permeable pavers, porous asphalt, reinforced grass pavement, cobble stone block pavement, etc. to detain and infiltrate runoff on-site.
- Encouraging the use of permeable paving elements in auto and non-auto-oriented areas.
- Further, through design guidelines, the plan supports Green Streets and the management of stormwater through swales, bioretention curb extensions, sidewalk planters, permeable pavement, sidewalk trees, tree boxes, and alternative street design.

Kearny Mesa Plan Update

- Date started: Summer 2016
- Adoption or anticipated adoption date: 2020
- Key storm water issue addressed by the plan: A report for hydrology and water quality issues in Kearny Mesa was submitted to the consultant for revisions based on City comments and finalized for inclusion in the Draft EIR.
- Recommendations for improvements that include storm water: The Community Review Draft of the Kearny Mesa Community Plan was released for comment. The Community Plan recommends best practices to enhance the quality of experiences for those spending time in Kearny Mesa. The Community Plan envisions a pedestrian-oriented public realm for employees commuting via transit to work; for customers walking to destinations along the Convoy Corridor; and for residents jogging and walking in the community. The planned network of wider sidewalks designed with noncontiguous sidewalks, consistent with the Street Design Manual, can incorporate features such as tree plantings, pervious pavements, and storm water capture. These street enhancements provide shade and water quality benefits.
- Policies that address storm water: Provide for sustainable street designs, including storm water retention measures that reduce storm water runoff and flooding; Incorporate bioswales or other Low Impact Design (LID) design practices where there are sufficient public rights-of-way and within building setbacks and between building facades throughout the community. As multiuse treatment areas, swales reduce storm water volume, improve water quality, and reduce flow velocity; and Provide for green street designs, including storm water infiltration measures, that reduce storm water runoff, peak flows, and flooding.

Clairemont Community Plan Update

- Date started: Spring 2017
- Adoption or anticipated adoption date: End of calendar year 2020
- Key storm water issue addressed by the plan: Flooding associated with canyon and hillside runoff

- Recommendations for improvements that include storm water: The Community Plan will envision a pedestrian-oriented public realm. The planned network of wider sidewalks designed with noncontiguous sidewalks, consistent with the Street Design Manual, can incorporate features such as tree plantings, pervious pavements, and storm water capture. These street enhancements provide shade and water quality benefits.
- Policies that address storm water: Policies will be drafted to provide for sustainable street designs, including storm water retention measures that reduce storm water runoff and flooding; Incorporate bioswales or other Low Impact Design (LID) design practices where there are sufficient public rights-of-way and within building setbacks and between building facades throughout the community. As multiuse treatment areas, swales reduce storm water volume, improve water quality, and reduce flow velocity; and Provide for green street designs, including storm water infiltration measures, that reduce storm water runoff, peak flows, and flooding.

Mira Mesa Community Plan Update

- Date started: Spring 2018
- Adoption or anticipated adoption date: 2021
- Key storm water issue addressed by the plan: Flooding associated with canyon and hillside runoff.
- Recommendations for improvements that include storm water: The Community Plan will envision a pedestrian-oriented public realm. The planned network of wider sidewalks designed with noncontiguous sidewalks, consistent with the Street Design Manual, can incorporate features such as tree plantings, pervious pavements, and storm water capture. These street enhancements provide shade and water quality benefits.
- Policies that address storm water: Policies will be drafted to provide for sustainable street designs, including storm water retention measures that reduce storm water runoff and flooding; Incorporate bioswales or other Low Impact Design (LID) design practices where there are sufficient public rights-of-way and within building setbacks and between building facades throughout the community. As multiuse treatment areas, swales reduce storm water volume, improve water quality, and reduce flow velocity; and Provide for green street designs, including storm water infiltration measures, that reduce storm water runoff, peak flows, and flooding.

University Community Plan Update

- Date started: Spring 2018
- Adoption or anticipated adoption date: 2021
- Recommendations for improvements that include storm water: The Community Plan will envision a pedestrian-oriented public realm. The planned network of wider sidewalks designed with noncontiguous sidewalks, consistent with the Street Design Manual, can incorporate features such as tree plantings, pervious

pavements, and storm water capture. These street enhancements provide shade and water quality benefits.

- Policies that address storm water: Policies will be drafted to provide for sustainable street designs, including storm water retention measures that reduce storm water runoff and flooding; Incorporate bioswales or other Low Impact Design (LID) design practices where there are sufficient public rights-of-way and within building setbacks and between building facades throughout the community. As multiuse treatment areas, swales reduce storm water volume, improve water quality, and reduce flow velocity; and Provide for green street designs, including storm water infiltration measures, that reduce storm water runoff, peak flows, and flooding.

- **Community Plan Activities: Special Studies, Transit Oriented Development Plans, and Specific Plans**

Balboa Avenue Station Area Specific Plan

- Date started: September 2015
- Adoption or anticipated adoption date: August 2019
- Key storm water issue addressed by the plan: Urban runoff capture and storm water quality related to Rose Creek.
- Recommendations for improvements that include storm water: Green street improvements to Mission Bay Drive, Garnet Avenue and Grand Avenue.
- Policies that address storm water:
 - Encourage the incorporation of LID practices into building design and site plans that work with the natural hydrology of a site to reduce urban runoff, including the design or retrofit of existing landscaped or impervious areas to better capture storm water runoff.
 - Encourage the incorporation of and maintenance of storm water best management practices in public infrastructure and private development projects, including streetscape improvements to limit water pollution, erosion, and sedimentation.
 - Encourage the prioritization of LID practices that encourage water infiltration to minimize reliance on storm drains that could be impaired by sea level rise.

Morena Corridor Specific Plan

- Date started: February 2015
- Adoption or anticipated adoption date: August 2019
- Key storm water issue addressed by the plan: Urban runoff capture and storm water quality related to Tecolote Creek.
- Recommendations for improvements that include storm water: See below for policies that address improvements within the Morena Corridor.
- Policies that address storm water:

- Use permeable ground surfaces in public spaces to the extent possible and install materials that allow access in all weather conditions.
- Incorporate permeable paving to reduce storm water runoff and absorption of rainwater.
- Incorporate bio-filtration and bio-retention measures in parking lot design, edges of paved areas, and other landscaped areas to capture storm water runoff.
- Create green streets that provide “urban greening” features that enhance the pedestrian and bicycle environment, storm water management features, and opportunities for additional street trees.
- Integrate storm water and urban runoff capture and treatment facilities into landscaping and parking areas.
- Minimize on-site impermeable surfaces, such as concrete and asphalt.
- Utilize permeable paving materials such as permeable pavers, porous asphalt, reinforced grass pavement (turf-crete), cobblestone block pavement, etc. to allow storm water and urban runoff infiltration.
- Incorporate Low Impact Development practices into building design and site plans that work with the natural hydrology of a site to reduce urban runoff, including the design or retrofit of existing landscaped or impervious areas to better capture storm water runoff.
- Incorporate and maintain storm water best management practices in public infrastructure and private development projects, including streetscape improvements to limit water pollution, erosion, and sedimentation.
- Prioritize Low Impact Development practices that encourage water infiltration to minimize reliance on storm drains that could be impaired by sea level rise.

Mission Boulevard Public Space and Active Transportation Study

- Date started: October 2016
- Adoption or anticipated adoption date: Not applicable. This grant-funded planning study will not be adopted by City Council. Grant final deliverable to be completed by September 4, 2019.
- Key storm water issue addressed by the plan: Curb and gutter improvement concepts to address accessibility along Mission Boulevard.
- Recommendations for improvements that include storm water: The study includes improvements to Mission Boulevard between Pacific Beach Drive and Diamond Street. Improvements to retrofit storm water inlets to address accessibility at applicable intersections will be included. Cost estimates of the proposed improvements will be included in the final report.
- Policies that address storm water: The following recommendation will be incorporated:
 - Encourage incorporating enhanced storm water management as part of proposed improvements within the public right-of-way. These may include curb inserts, paver filter strips, bulb-out infiltration zones, linear detention basins and infiltrating tree wells.

De Anza Revitalization Plan/MB Plan Amendment

- Date started: November 2015
- Adoption or anticipated adoption date: Amendment to the Mission Bay Park Master Plan, tentative estimate 2020
- Key storm water issue addressed by the plan: Storm water quality related to Mission Bay and Rose Creek
- Recommendations for improvements that include storm water: The project will be consistent with the recommendations for improving water quality located in Mission Bay Park Master Plan Section VI *Water Quality* (P.85-88).
- Policies that address storm water: Storm water quality policies are included in the Mission Bay Park Master Plan, Environmental Section. However, two Guiding Principles, identified by the community to assist the planning process are identified below:
 - Identify uses, activities, and site design (location) that improve the existing water quality and natural resource system within and around De Anza.
 - Design alternatives that embrace responsibility and stewardship over the environment, incorporating wetlands enhancement, restoration, and safeguards of adjacent natural habitats.

Parks Master Plan

- Date started: Fall 2017
- Adoption or anticipated adoption date: FY 2020
- Key storm water issue addressed by the plan: Urban runoff capture and storm water quality policies for parks.
- Recommendations for improvements that include storm water: This policy document will not contain specific project recommendations.
- Policies that address storm water: (Draft policies subject to change).
 - Design parks that are financially and environmentally sustainable to help manage storm water runoff, clean air, and provide relief from urban heat.
 - Partner with other City departments such as Transportation Storm Water to design future green infrastructure co-benefit projects that manage stormwater resources and provide recreational opportunities.
 - Increase the City's overall tree canopy where appropriate in the developed regional and community parks and open space parks to provide air quality benefits and manage stormwater runoff.
 - Incorporate storm water management best practices into park design standards by designing or retrofitting existing landscaped or impervious areas to better capture storm water runoff and limit water pollution, erosion, and sedimentation.
 - Prioritize Low Impact Development practices that encourage water infiltration to minimize reliance on storm drains that could be impaired by sea level rise.

Fiesta Island Amendment to the Mission Bay Park Master Plan and LCP

- Date started: 2005
- Adoption or anticipated adoption date: Adopted FY 2019; Requires Coastal Commission certification anticipated in Fiscal Year 2020.
- Key storm water issue addressed by the plan: Run off into Mission Bay
- Recommendations for improvements that include storm water: Reengineer the perimeter road to slope inward to prevent run off
- Policies that address storm water:
 - A loop road is to be constructed for Fiesta Island that would run clockwise around the perimeter of the island.
 - Fiesta Island should be regraded to drain inward, away from the water and into a bioswale to improve water quality and lessen beach erosion.

- **Notices of Violation**

NOV R9-2010-0135 and Time Schedule Order (TSO) No. R9-2014-0034: In 2010, the San Diego Regional Water Quality Control Board (San Diego Water Board) Regional Board issued NOV No. R9-2010-0135 to the City of San Diego for failure to take measures to reduce the discharge of pollutants to the maximum extent practicable (MEP), failure to implement its Standard Urban Stormwater Mitigation Plan (SUSMP), and failure to verify correct installation of permanent post-construction structural BMP requirements. The NOV and subsequent TSO identified 163 private and public development sites that had either missing or ineffective structural BMPs. In FY 2017, the City achieved full compliance with the Regional Board's NOV (TSO R9-2014-0034). The Regional Board acknowledged the TSO had been resolved via communication sent to the City on 9/6/2017, and the Board updated the California Integrated Water Quality System (CIWQS) project database to reflect this.

Beginning in FY 2014, as part of its continuing inspections of completed structural BMPs, the City discovered an additional 74 sites which initially appeared to be out of compliance due to a variety of circumstances. The City is currently performing enforcement on each of the projects identified to be non-compliant. Established escalating enforcement procedures previously outlined to the Board are being followed to achieve compliance. Compliance will be achieved by demonstrating adherence to the requirements of the MS4 permit in effect at the time of each particular project's approval. To date, 51 of the 74 sites which were identified as non-compliant, have been brought into compliance. The City has sent Civil Penalty Notices (CPN) to all of the property owners in violation of the MS4 Permit related to the sites identified. All open violations are expected to be resolved or referred to the City Attorney's Office before July 2020.

The 23 remaining cases will be issued a Civil Penalty Notice-Final Reminder letter which gives property owners a final 30 days to achieve compliance. These letters will be sent out in December 2019. Once the deadline passes, non-compliant properties will be issued a Hearing Notice beginning on February 3, 2020.

Construction Management Program Administrative Civil Liability

Complaint (ACL): The San Diego Water Board conducted an audit of the City's construction management program during the 2014-2015 rainy season and issued an Administrative Civil Liability Complaint in July 2016 for several alleged violations involving the City's construction-related storm water best management practices (BMPs) oversight and enforcement. The City has worked diligently to address the initial concerns and will continue to evaluate and implement strategies to ensure long-term program improvements.

A settlement agreement for the ACL between the City and the San Diego Water Board was accepted on August 9, 2017. As a part of the settlement agreement the City agreed to return to the San Diego Water Board to provide an update on its construction storm water management efforts, and the status of the supplemental environmental projects. On August 12, 2018 the directors from the City Transportation and Storm Water Department, Public Utilities Department and the Development Services Department presented the update to the San Diego Water Board. A summary of the information presented by the City at the update as well as follow up actions completed by the City is presented below:

- A major update on Part 2 of the Storm Water Standards Manual was done to increase the clarity of the language relating to the BMP performance expectations for the public and the overall enforceability for City staff. This update was finalized and officially adopted on October 1st, 2018. Prior to official adoption of the update by the City, the City held an industry training to make developers and other members of the public aware of the changes.
- Additionally, the City increased its personnel dedicated to implementing storm water regulations by 52 percent and continues to conduct training for all City staff that are involved with implementing storm water regulations. The City has held multi-department wet season trainings led by specialty storm water staff from the Public Works, Development Services, and Transportation and Storm Water Departments. These trainings focused on inspection procedures, required application of BMPs, and updates to the Construction Storm Water Standards.
- Another example of interdepartmental coordination completed by the City is the continuation of bi-weekly, construction coordination meetings with the storm water staff from the Public Works, Development Services, and Transportation and Storm Water Departments. These meetings continue to be a platform to effectively share up-to-date project information, discuss enforcement strategies, collaborate on solutions, and coordinate on escalated enforcement actions for specific project sites.
- The City has also made significant progress on its Supplemental Environmental Projects required as a part of the settlement agreement. One of the four projects was completed in FY18, two of the projects are expected to be complete in FY20, and the last project is expected to be complete in FY21.

3 FISCAL ANALYSIS

3.1 GENERAL BUDGET INFORMATION

The Storm Water Division is responsible for reporting annually on the jurisdictional, watershed and regional expenditures to the Regional Board in accordance with the requirements in Regional Board Order No. R9-2013-0001 (as amended by Order Nos. R9-2015-0001 and R9-2015-0100) (2013 Permit). During the reporting period, the Storm Water Division collected and analyzed financial data from 23 City departments/divisions through its “Annual Report Form” questionnaire, as well as data provided by the Storm Water Division. A summary of the findings is included below.

3.2 FISCAL ANALYSIS METHODS

While the City used the format and guidelines included in the Fiscal Analysis Method for reporting purposes, a few modifications were necessary to address how the City tracks accounts internally. Modifications to the expenditure categories are described in the relevant sections below. In many cases, estimated percentages were used to allocate expenditures into the appropriate municipal permit component categories, including watershed and regional.

3.2.1 Fiscal Analysis Results

3.2.1.1 Expenditures

The City’s FY 2019 Transitional JRMP Regional Program total expenditures for implementing the Municipal Permit requirements are summarized in Table 1.

Table 1: FY 2019 Jurisdictional, Watershed, and Regional Expenditures Summary

Jurisdictional Component	
Administration	\$9,233,415
Development Planning (including public and private projects)	\$3,021,949
Construction (including public and private projects)	\$1,433,188
Municipal (including Non-Emergency Fire Fighting expenditures)	\$30,202,058
Storm Water Division Capital Improvements Program (CIP)	\$67,203,162
Industrial and Commercial	\$1,411,392
Residential, Education, and Public Participation	\$7,089,597
Illicit Discharge Detection and Elimination (IDDE)	\$10,325,187
Jurisdictional Total	\$129,919,948
Watershed Component¹	
San Dieguito Watershed	(\$2,104,880)
Los Peñasquitos Watershed	(\$2,034,941)
Mission Bay Watershed	(\$2,039,065)
San Diego River Watershed	(\$2,632,354)
San Diego Bay Watershed	(\$4,496,455)
Tijuana River Watershed	(\$1,578,231)
Watershed Total	(\$14,885,926)
Regional Component	
Total Copermittee Cost Share for the City of San Diego	\$33,250
Additional Regional Costs for education efforts, monitoring, document reviews, regional meeting attendance, and special projects	\$26,895
Regional Total	\$60,145
Total Costs	\$129,980,093

JRMP Expenditures

The City's FY 2019 Citywide expenditures for implementing the jurisdictional Municipal Permit requirements are depicted in Figure 1. Expenditures were provided as actual costs in most cases, and when the actual costs could not be determined, estimates of actual costs were provided. The Storm Water Division used the expenditure categories detailed in the Fiscal Analysis Method for jurisdictional reporting. However, because of implementation overlap with the City's education, public participation, and residential Municipal Permit components, it is difficult to separate out individual component costs. Therefore, the expenditures for residential, education, and public participation are reported as one expenditure category.

A total of \$129,980,093 was expended in FY 2019 to implement JRMP activities citywide. This amount includes costs paid by sewer and water rate payers (which are used for sewer and water-related services) and costs reimbursed by project applicants. An overview of the expenditures reflected in this component is described below.

Administration (\$9,233,415)

Activities identified in this section represent personnel and non-personnel expenses for administration and contracts, grant management, citywide management, staff training, reporting, and assessment of the Municipal Permit.

Development Planning (\$3,021,949)

Activities identified in this section represent personnel and non-personnel expenses for plan check reviews, incorporating BMPs into project designs, BMP Design Manual development, and General Plan updates. This category includes expenses for private and public projects.

¹. Watershed Component costs are a subset of the Jurisdictional Component Administration and IDDE costs listed in Table 1 and do not include Capital Improvements Program (CIP) costs. CIP costs are only included in the Jurisdictional Component's Storm Water Division Capital Improvements Program Category.

Construction (\$1,433,188)

Activities identified in this section represent personnel and non-personnel expenses for plan check review services, field inspections related to grading permits, public improvements, and building activities. This category includes expenses for private and public projects.

Municipal (\$30,202,058)

Activities identified in this section represent personnel and non-personnel expenses for street sweeping, storm drain and channel maintenance, BMP implementation, and municipal facility and activity inspections. Additionally, this section includes the expenditures for Fire Department activities not related to emergency firefighting, such as facility inspections, storm water BMPs, etc.

Capital Improvement Program (\$67,203,162)

Activities identified in this section represent personnel and non-personnel expenses for implementation of new construction and planned improvements to existing facilities for storm water management. Projects may include, but are not limited to, the construction, purchase, or major renovation of buildings, utility systems, and other facilities to achieve storm water requirements. In addition, they may also include land acquisitions and roadway projects to install storm water facilities.

Industrial and Commercial (\$1,411,392)

Activities identified in this section represent personnel and non-personnel expenses for inspection of industrial and commercial facilities. This also includes personnel and non-personnel expenses for the storm water components of Food Establishment Wastewater Discharge Program (FEWD) and Industrial Wastewater Control Program (IWCP) inspections.

Residential, Education, and Public Participation (\$7,089,597)

Activities identified in this section represent personnel and non-personnel expenses for educational materials, outreach efforts and events, public service announcements (PSAs), household hazardous waste (HHW) and used oil outreach, and community events.

Illicit Discharge Detection and Elimination (\$10,325,187)

Activities identified in this section represent personnel and non-personnel expenses for identification and elimination of illicit discharges, enforcing the City's storm water ordinance and implementation of the administrative civil penalties and citation process, and the urban runoff monitoring program.

Watershed Expenditures

The City's watershed expenditures during FY 2019 for the implementation of the watershed Municipal Permit requirements were provided as actual costs and when the actual costs could not be determined, estimates of actual costs were provided. The Storm Water Division used the expenditure categories (administration, watershed activities, cost share contribution, and other) detailed in the Fiscal Analysis Method for watershed reporting. The watershed expenditures included in this report only capture City expenditures and do not account for any expenditure disbursed by other Copermittees within the watershed(s).

In total, \$14,885,926 was expended in FY 2019 for the implementation of citywide watershed activities. This amount includes costs for the implementation of applicable TMDLs along with special studies.

Regional Expenditures

The City's FY 2019 regional expenditures (\$60,145) for the implementation of the regional Municipal Permit requirements are primarily the City's share of regional Copermittee storm water program costs. Additional costs include estimated staff time to attend regional meetings and other related administration costs. The Storm Water Division used the expenditure categories (administration, cost share contribution, regional activities, and other) detailed in the Fiscal Analysis Method for regional reporting. The regional expenditures included in this report only capture City expenditures, and do not account for any expenditure disbursed by other Copermittees in the region.

3.2.1.2 Grant Funding for Special Studies

In addition to resources identified for Municipal Permit requirements, the City actively seeks grants, and other funding sources, for special studies and Capital Improvement Projects. For the most part, funding for these projects may be limited to the projects specified and the City may restrict funding reallocation to other projects. Therefore, these resources are currently not incorporated in calculations for total Municipal Permit requirements expenditures. There was no grant funding for special studies and Capital Improvement Projects secured in FY 2019.

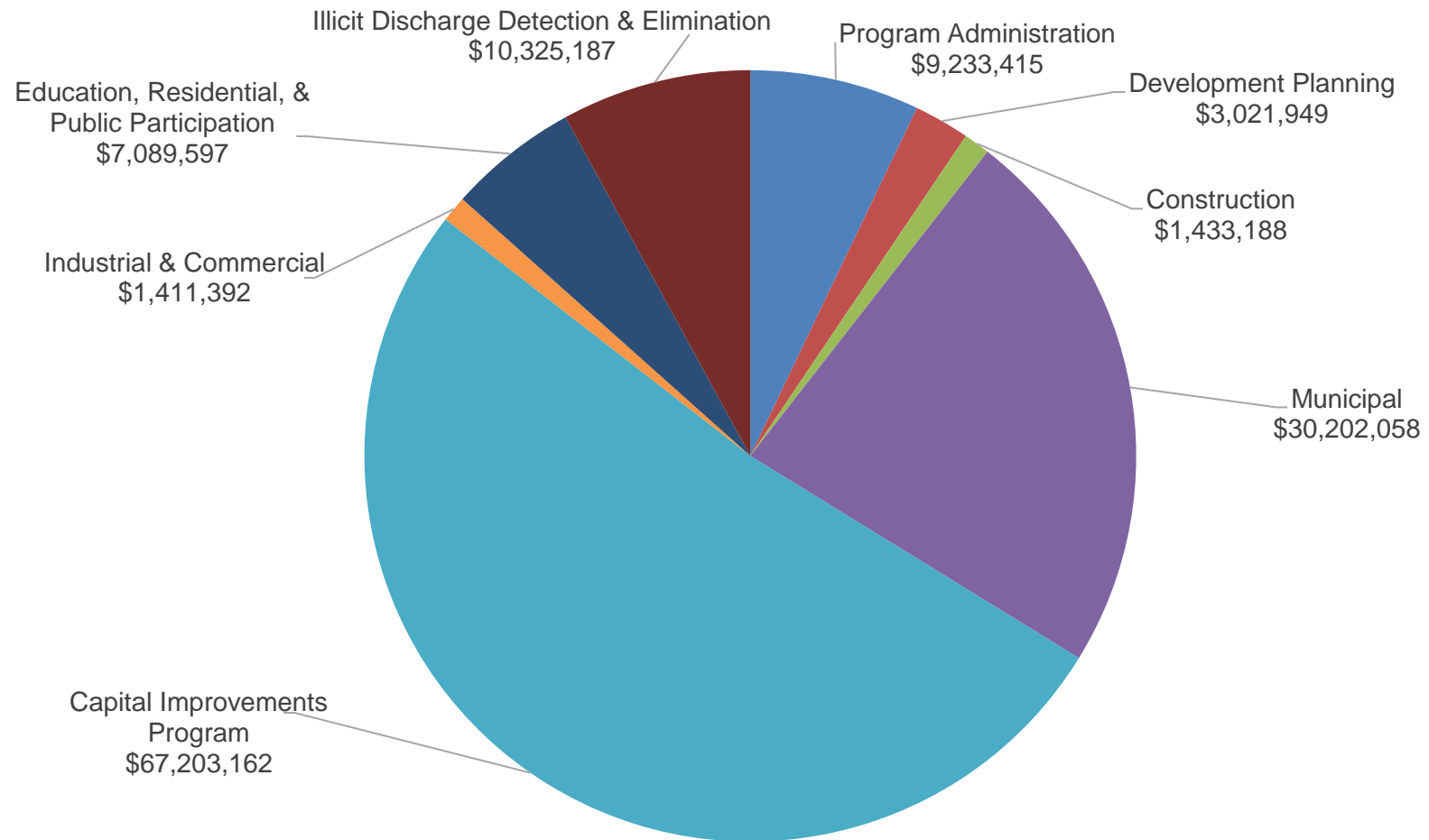


Figure 1: FY 2019 Citywide JRMP Expenditures by Permit Area

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3.2.2 Funding Sources

Citywide implementation of Municipal Permit requirements is funded through four main types of governmental funds: the General Fund, Special Revenue Funds, Enterprise Funds, and Internal Service Funds.

3.2.2.1.1 General Fund

The General Fund is the main fund for the City and is supported by major revenue sources, including property tax, sales tax, transient occupancy tax, and franchise fees. Departments funded by the General Fund provide core community services.

3.2.2.1.2 Special Revenue Funds

Special Revenue Funds account for revenues received for specifically identified purposes. Some of the larger funds that fall under this category include TransNet, Gas Tax, and Special Promotion programs.

3.2.2.1.3 Enterprise Funds

Enterprise Funds are initiated for specific purposes and funded through fees for services. This funding type is designated for the operations, management, maintenance, and development of the department providing the service. For implementation of citywide JRMP activities, activities are funded through the following enterprise funds:

- Airports Fund
- Development Services Enterprise Fund
- Golf Course Enterprise Fund
- Recycling Fund
- Refuse Disposal Fund
- Sewer Revenue Funds
- Water Utility Fund

3.2.2.1.4 Internal Service Funds

Internal Service Funds are comprised of fees for services provided by one City department to another City department or division. For implementation of citywide JRMP activities, activities are funded through the following internal service funds:

- Engineering and Capital Projects Fund
- Equipment Division Funds

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City of San Diego FY 2019 JRMP Annual Report

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Table 1: Summary of Watershed Specific Data from the IDDE Program

JRMP Annual Report Form – Section IV. Illicit Discharge Detection and Elimination Program	San Dieguito Watershed	Los Peñasquitos Watershed	Mission Bay/La Jolla Watershed	San Diego River Watershed	San Diego Bay Watershed	Tijuana River Watershed	Total Citywide FY19
Number of non-storm water discharges reported by the public	37	309	488	693	968	43	2,538
Number of non-storm water discharges detected by Copermittee staff or contractors	111	199	252	243	347	18	1,170
Number of non-storm water discharges investigated by the Copermittee	148	508	740	934	1315	61	3,706
Number of sources of non-storm water discharges identified	148	508	740	934	1315	61	3,706
Number of non-storm water discharges eliminated	136	486	691	901	1271	60	3,545
Number of sources of illicit discharges or connections identified	148	508	741	939	1318	62	3,716
Number of illicit discharges or connections eliminated	136	486	692	906	1274	61	3,555
Number of enforcement actions issued	113	349	463	703	814	40	2,482
Number of escalated enforcement actions issued	97	221	303	423	496	28	1,568

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Table 2: Summary of Watershed Specific Data from the Development Planning Program

JRMP Annual Report Form – Section V. Development Planning Program	San Dieguito Watershed	Los Peñasquitos Watershed	Mission Bay/ La Jolla Watershed	San Diego River Watershed	San Diego Bay Watershed	Tijuana River Watershed	Total Citywide FY19
Number of proposed development projects in review	39	182	337	202	529	64	1,353
Number of Priority Development Projects in review	9	49	34	41	80	23	236
Number of Priority Development Projects approved	18	29	12	21	21	14	115
Number of approved Priority Development Projects exempt from any BMP requirements	0	0	0	0	0	0	0
Number of approved Priority Development Projects allowed alternative compliance	0	0	0	0	0	0	0
Number of Priority Development Projects granted occupancy	41	31	48	40	68	25	253
Number of completed Priority Development Projects in inventory	133	216	279	329	85	109	1,151
Number of high priority Priority Development Project structural BMP inspections	4	16	5	3	0	6	34
Number of Priority development project structural violations	10	41	26	21	7	9	114
Number of enforcement actions issued	9	36	23	21	6	8	103
Number of escalated enforcement actions issued	1	5	3	0	1	1	11

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Table 3: Summary of Watershed Specific Data from the Construction Managment Program

JRMP Annual Report Form – Section VI. Construction Management Program	San Dieguito Watershed	Los Peñasquitos Watershed	Mission Bay/ La Jolla Watershed	San Diego River Watershed	San Diego Bay Watershed	Tijuana River Watershed	Total Citywide FY19
Number of construction sites in inventory	1,167	1,178	2,796	2,002	2,961	277	10,381
Number of active construction sites in inventory	495	509	1,126	788	1,276	110	4,304
Number of inactive construction sites in inventory	59	80	326	175	242	20	902
Number of construction sites closed/completed during reporting period	613	589	1,344	1,039	1,443	147	5,175
Number of construction site inspections	10,575	8,299	16,518	15,140	19,018	1,807	71,357
Number of construction site violations	655	385	877	1,152	1,124	112	4,305
Number of enforcement actions issued	570	168	644	847	643	63	2,935
Number of escalated enforcement actions issued	6	17	39	33	71	5	171

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Table 4: Summary of Watershed Specific Data from the Existing Development Management Program

JRMP Annual Report Form – Section VII. Existing Development Management Program	San Dieguito Watershed				Los Peñasquitos Watershed				Mission Bay/La Jolla Watershed				San Diego River Watershed				San Diego Bay Watershed				Tijuana River Watershed				Total Citywide FY 2019			
	MUN	COM	IND	RES	MUN	COM	IND	RES	MUN	COM	IND	RES	MUN	COM	IND	RES	MUN	COM	IND	RES	MUN	COM	IND	RES	MUN	COM	IND	RES
Number of facilities or areas in inventory	25	187	39	12	126	1,180	514	27	141	1,470	202	32	118	1,542	279	33	185	3,337	387	70	19	285	217	6	614	8,001	1,638	180
Number of existing development inspections	24	189	6	0	123	923	71	0	134	1,264	54	0	109	1,402	77	8	183	1,983	93	0	19	195	68	0	592	5,956	369	8
Number of follow-up inspections	0	0	0	0	0	7	0	0	0	10	0	0	0	9	0	0	0	8	3	0	0	4	4	0	0	38	7	0
Number of violations	0	7	0	86	1	72	8	133	2	97	3	179	14	120	2	205	27	167	13	365	0	30	22	17	44	493	48	985
Number of enforcement actions issued	0	0	0	5	0	30	11	22	0	31	4	40	0	18	3	46	1	56	7	81	0	38	35	3	1	173	60	197
Number of escalated enforcement actions issued	0	7	0	81	1	59	3	111	2	91	1	139	14	111	2	159	26	146	11	284	0	10	14	14	43	424	31	788

MUN Municipal
 COM Commercial
 IND Industrial
 RES Residential