

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 ¹ <input checked="" type="checkbox"/> NO <input 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 checked="" 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	353
Number of non-storm water discharges detected by Copermittee staff or contractors	172
Number of non-storm water discharges investigated by the Copermittee	518
Number of sources of non-storm water discharges identified	442
Number of non-storm water discharges eliminated	434
Number of sources of illicit discharges or connections identified	437
Number of illicit discharges or connections eliminated	429³
Number of enforcement actions issued	436³
Number of escalated enforcement actions issued	197
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	241⁵
Number of Priority Development Projects in review	32⁶
Number of Priority Development Projects approved	110⁷
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	63⁸
Number of completed Priority Development Projects in inventory	178⁹
Number of high priority Priority Development Project structural BMP inspections	9
Number of Priority Development Project structural BMP violations	8¹⁰
Number of enforcement actions issued	15¹¹
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?	YES ^{1,12} <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Number of construction sites in inventory	4,300	
Number of active construction sites in inventory	47	
Number of inactive construction sites in inventory	112	
Number of construction sites closed/completed during reporting period	169	
Number of construction site inspections	27,037	
Number of construction site violations	270	
Number of enforcement actions issued	164	
Number of escalated enforcement actions issued	91	

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>		
	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	123	8,282 <small>(includes mobile)</small>	915	27 ¹³
Number of existing development inspections	117	1,533	140	4 ¹³
Number of follow-up inspections	0	263	13	0
Number of violations	18	388	37	375 ¹³
Number of enforcement actions issued	22	490	48	285 ¹³
Number of escalated enforcement actions issued	2	148	8	134

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

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 ¹⁴ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
---	---	-----------------------------

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.

Drew Kleis
Signature

1/12/17
Date

Drew Kleis
Print Name

Deputy Director
Title

(858) 541-4320
Telephone Number

Akleis@sandiego.gov
Email

City of San Diego FY 2016 JRMP Annual Report – Los Peñasquitos Watershed Management Area

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 done in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2016 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 2016 were still under investigation at the end of FY 2016.

⁴ The Storm Water Standards Manual (Part 1: BMP Design Manual, and Part 2: Construction BMP Standards) was updated in January 2016.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/16. 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 6/30/16. 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 2016.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2016 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2016.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory as of the end of FY 2016. These projects include projects entered into the inventory as complete in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations 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. The City has achieved compliance at 146 of the 150 sites identified in the San Diego RWQCB's Notice of Violation (Order Number R9-2014-0034). The San Diego RWQCB granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. Continuing the same process as outlined in our quarterly reports to the RWQCB, the City is currently researching each case. After initial research to verify non-compliance or not, we will follow our established procedures to have each site be in conformance to the MS4 permit under which it was permitted.

¹² Responses in this report are based on the City's internal data. Potential program deficiencies were identified by the Board in FY 2016, however, the City has taken steps to correct issues identified by the Board as detailed in the JRMP Annual Report FY 2016 Appendix. The City has implemented several improvements that address the Regional Board's concerns. These improvements ranged from procedural changes to creating multi-language brochures for contractors. Several operating and internal procedures have been refined to improve enforcement actions, add clarity to how sites are inspected, and to better define the staff's roles and expectations.

¹³ 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 that is only counted as one inspection. However, all individual issues noted at each residence during an RMA inspection is counted as a separate violation and/or enforcement action.

¹⁴ See the JRMP Annual Report FY 2016 Appendix for the FY 2016 Fiscal Analysis.

This page intentionally blank for printing purposes.

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 ¹ <input checked="" type="checkbox"/> NO <input 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 checked="" 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	541
Number of non-storm water discharges detected by Copermittee staff or contractors	317
Number of non-storm water discharges investigated by the Copermittee	845
Number of sources of non-storm water discharges identified	736
Number of non-storm water discharges eliminated	697
Number of sources of illicit discharges or connections identified	715
Number of illicit discharges or connections eliminated	676³
Number of enforcement actions issued	709³
Number of escalated enforcement actions issued	351
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	332⁵
Number of Priority Development Projects in review	15⁶
Number of Priority Development Projects approved	76⁷
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	8⁸
Number of completed Priority Development Projects in inventory	141⁹
Number of high priority Priority Development Project structural BMP inspections	0¹⁰
Number of Priority Development Project structural BMP violations	0¹¹
Number of enforcement actions issued	0¹²
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?	YES ^{1,13} <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Number of construction sites in inventory	2,091	
Number of active construction sites in inventory	37	
Number of inactive construction sites in inventory	216	
Number of construction sites closed/completed during reporting period	276	
Number of construction site inspections	9,404	
Number of construction site violations	195	
Number of enforcement actions issued	183	
Number of escalated enforcement actions issued	16	

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>		
	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	218	8,911 <small>(includes mobile)</small>	464	32 ¹⁴
Number of existing development inspections	159	4,801	186	5 ¹⁴
Number of follow-up inspections	0	166	4	3
Number of violations	34	413	6	424 ¹⁴
Number of enforcement actions issued	46	462	9	407 ¹⁴
Number of escalated enforcement actions issued	0	205	3	182

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

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} <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
---	---	-----------------------------

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

11/12/17

 Date

Drew Kleis

 Print Name

Deputy Director

 Title

(858) 541-4320

 Telephone Number

Akleis@sandiego.gov

 Email

City of San Diego FY 2016 JRMP Annual Report – Mission Bay/La Jolla Watershed Management Area

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 done in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2016 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 2016 were still under investigation at the end of FY 2016.

⁴ The Storm Water Standards Manual (Part 1: BMP Design Manual, and Part 2: Construction BMP Standards) was updated in January 2016.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/16. 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 6/30/16. 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 2016.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2016 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2016.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory as of the end of FY 2016. These projects include projects entered into the inventory as complete in previous years.

¹⁰ No high priority Priority Development Project structural BMP inspections were required in this watershed.

¹¹ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations issued to public and private entities within the City's jurisdiction in this watershed.

¹² 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. The City has achieved compliance at 146 of the 150 sites identified in the San Diego RWQCB's Notice of Violation (Order Number R9-2014-0034). The San Diego RWQCB granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. Continuing the same process as outlined in our quarterly reports to the RWQCB, the City is currently researching each case. After initial research to verify non-compliance or not, we will follow our established procedures to have each site be in conformance to the MS4 permit under which it was permitted.

¹³ Responses in this report are based on the City's internal data. Potential program deficiencies were identified by the Board in FY 2016, however, the City has taken steps to correct issues identified by the Board as detailed in the JRMP Annual Report FY 2016 Appendix. The City has implemented several improvements that address the Regional Board's concerns. These improvements ranged from procedural changes to creating multi-language brochures for contractors. Several operating and internal procedures have been refined to improve enforcement actions, add clarity to how sites are inspected, and to better define the staff's roles and expectations.

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 that is only counted as one inspection. However, all individual issues noted at each residence during an RMA inspection is counted as a separate violation and/or enforcement action.


¹⁵ See the JRMP Annual Report FY 2016 Appendix for the FY 2016 Fiscal Analysis.

This page intentionally blank for printing purposes.

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
Telephone: 858-541-4320	Fax: 858-541-4350
State: CA	Zip: 92123
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 ¹ <input checked="" type="checkbox"/> NO <input 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 checked="" 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	634
Number of non-storm water discharges detected by Copermittee staff or contractors	393
Number of non-storm water discharges investigated by the Copermittee	1,021
Number of sources of non-storm water discharges identified	828
Number of non-storm water discharges eliminated	819
Number of sources of illicit discharges or connections identified	805
Number of illicit discharges or connections eliminated	796³
Number of enforcement actions issued	819³
Number of escalated enforcement actions issued	445
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	561⁵
Number of Priority Development Projects in review	38⁶
Number of Priority Development Projects approved	138⁷
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	37⁸
Number of completed Priority Development Projects in inventory	213⁹
Number of high priority Priority Development Project structural BMP inspections	1
Number of Priority Development Project structural BMP violations	1¹⁰
Number of enforcement actions issued	4¹¹
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?				YES ^{1,12} <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
Number of construction sites in inventory	3,870			
Number of active construction sites in inventory	51			
Number of inactive construction sites in inventory	425			
Number of construction sites closed/completed during reporting period	518			
Number of construction site inspections	18,737			
Number of construction site violations	211			
Number of enforcement actions issued	187			
Number of escalated enforcement actions issued	32			
VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²				
Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001?				YES ¹ <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	197	14,085 <small>(includes mobile)</small>	690	70 ¹³
Number of existing development inspections	195	3,179	102	5 ¹³
Number of follow-up inspections	0	270	44	4
Number of violations	23	511	34	709 ¹³
Number of enforcement actions issued	41	623	44	543 ¹³
Number of escalated enforcement actions issued	6	217	11	291
VIII. PUBLIC EDUCATION AND PARTICIPATION				
Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?				YES ¹ <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?				YES ¹ <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
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 ^{1,14} <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>

X. CERTIFICATION
<p>I [<input type="checkbox"/> Principal Executive Officer <input type="checkbox"/> Ranking Elected Official <input checked="" type="checkbox"/> 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.</p>



 Signature

Drew Kleis

 Print Name

(858) 541-4320

 Telephone Number

11/2/17

 Date

Deputy Director

 Title

Akleis@sandiego.gov

 Email

City of San Diego FY 2016 Annual Report – San Diego Bay Watershed Management Area

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 done in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2016 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 2016 were still under investigation at the end of FY 2016.

⁴ The Storm Water Standards Manual (Part 1: BMP Design Manual, and Part 2: Construction BMP Standards) was updated in January 2016.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/16. 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 6/30/16. 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 2016.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2016 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2016.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory as of the end of FY 2016. These projects include completed projects 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 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. The City has achieved compliance at 146 of the 150 sites identified in the San Diego RWQCB's Notice of Violation (Order Number R9-2014-0034). The San Diego RWQCB granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. Continuing the same process as outlined in our quarterly reports to the RWQCB, the City is currently researching each case. After initial research to verify non-compliance or not, we will follow our established procedures to have each site be in conformance to the MS4 permit under which it was permitted.

¹² Responses in this report are based on the City's internal data. Potential program deficiencies were identified by the Board in FY 2016, however, the City has taken steps to correct issues identified by the Board as detailed in the JRMP Annual Report FY 2016 Appendix. The City has implemented several improvements that address the Regional Board's concerns. These improvements ranged from procedural changes to creating multi-language brochures for contractors. Several operating and internal procedures have been refined to improve enforcement actions, add clarity to how sites are inspected, and to better define the staff's roles and expectations.

¹³ 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 that is only counted as one inspection. However, all individual issues noted at each residence during an RMA inspection is counted as a separate violation and/or enforcement action.

¹⁴ See the JRMP Annual Report FY 2016 Appendix for the FY 2016 Fiscal Analysis.

This page intentionally blank for printing purposes.

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 ¹ <input checked="" type="checkbox"/> NO <input 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 checked="" 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	368
Number of non-storm water discharges detected by Copermittee staff or contractors	314
Number of non-storm water discharges investigated by the Copermittee	683
Number of sources of non-storm water discharges identified	559
Number of non-storm water discharges eliminated	553
Number of sources of illicit discharges or connections identified	551
Number of illicit discharges or connections eliminated	545³
Number of enforcement actions issued	553³
Number of escalated enforcement actions issued	349
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	233⁵
Number of Priority Development Projects in review	21⁶
Number of Priority Development Projects approved	61⁷
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	32⁸
Number of completed Priority Development Projects in inventory	113⁹
Number of high priority Priority Development Project structural BMP inspections	1
Number of Priority Development Project structural BMP violations	1¹⁰
Number of enforcement actions issued	3¹¹
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?	YES ^{1,12} <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>
Number of construction sites in inventory	1,830
Number of active construction sites in inventory	38
Number of inactive construction sites in inventory	188
Number of construction sites closed/completed during reporting period	258
Number of construction site inspections	8,875
Number of construction site violations	78
Number of enforcement actions issued	51
Number of escalated enforcement actions issued	25

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>			
	NO <input type="checkbox"/>			
	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	121	10,175 <small>(includes mobile)</small>	513	33 ¹³
Number of existing development inspections	114	2,573	99	5 ¹³
Number of follow-up inspections	0	193	5	4
Number of violations	10	420	11	481 ¹³
Number of enforcement actions issued	16	514	13	365 ¹³
Number of escalated enforcement actions issued	0	172	0	236

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>
Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>

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 ^{1,14} <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>

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.

Drew Kleis
Signature

11/2/17
Date

Drew Kleis
Print Name

Deputy Director
Title

(858) 541-4320
Telephone Number

Akleis@sandiego.gov
Email

City of San Diego FY 2016 JRMP Annual Report – San Diego River Watershed Management Area

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 done in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2016 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 2016 were still under investigation at the end of FY 2016.

⁴ The Storm Water Standards Manual (Part 1: BMP Design Manual, and Part 2: Construction BMP Standards) was updated in January 2016.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/16. 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 6/30/16. 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 2016.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2016 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2016.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory as of the end of FY 2016. These projects include projects entered into the inventory as complete in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations 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. The City has achieved compliance at 146 of the 150 sites identified in the San Diego RWQCB's Notice of Violation (Order Number R9-2014-0034). The San Diego RWQCB granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. Continuing the same process as outlined in our quarterly reports to the RWQCB, the City is currently researching each case. After initial research to verify non-compliance or not, we will follow our established procedures to have each site be in conformance to the MS4 permit under which it was permitted.

¹² Responses in this report are based on the City's internal data. Potential program deficiencies were identified by the Board in FY 2016, however, the City has taken steps to correct issues identified by the Board as detailed in the JRMP Annual Report FY 2016 Appendix. The City has implemented several improvements that address the Regional Board's concerns. These improvements ranged from procedural changes to creating multi-language brochures for contractors. Several operating and internal procedures have been refined to improve enforcement actions, add clarity to how sites are inspected, and to better define the staff's roles and expectations.

¹³ 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 that is only counted as one inspection. However, all individual issues noted at each residence during an RMA inspection is counted as a separate violation and/or enforcement action.

¹⁴ See the JRMP Annual Report FY 2016 Appendix for the FY 2016 Fiscal Analysis.

This page intentionally blank for printing purposes.

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 ¹ <input checked="" type="checkbox"/> NO <input 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 checked="" 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	119
Number of non-storm water discharges detected by Copermittee staff or contractors	60
Number of non-storm water discharges investigated by the Copermittee	171
Number of sources of non-storm water discharges identified	143
Number of non-storm water discharges eliminated	141
Number of sources of illicit discharges or connections identified	142
Number of illicit discharges or connections eliminated	140³
Number of enforcement actions issued	141³
Number of escalated enforcement actions issued	69
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	70⁵
Number of Priority Development Projects in review	5⁶
Number of Priority Development Projects approved	88⁷
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	76⁸
Number of completed Priority Development Projects in inventory	118⁹
Number of high priority Priority Development Project structural BMP inspections	1
Number of Priority Development Project structural BMP violations	1¹⁰
Number of enforcement actions issued	1¹¹
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?	YES ^{1,12} <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>
Number of construction sites in inventory	1,364
Number of active construction sites in inventory	26
Number of inactive construction sites in inventory	12
Number of construction sites closed/completed during reporting period	23
Number of construction site inspections	10,074
Number of construction site violations	169
Number of enforcement actions issued	114
Number of escalated enforcement actions issued	65

VII. EXISTING DEVELOPMENT MANAGEMENT PROGRAM²

Has the Copermittee implemented an existing development management program that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>			
	NO <input type="checkbox"/>			
	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	23	1,542 <small>(includes mobile)</small>	81	12 ¹³
Number of existing development inspections	22	308	6	1 ¹³
Number of follow-up inspections	0	14	0	0
Number of violations	3	49	0	109 ¹³
Number of enforcement actions issued	4	58	0	107 ¹³
Number of escalated enforcement actions issued	0	23	0	50

VIII. PUBLIC EDUCATION AND PARTICIPATION

Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>
Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?	YES ¹ <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>

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 ^{1,14} <input checked="" type="checkbox"/>
	NO <input type="checkbox"/>

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.

Drew Kleis
Signature

1/12/17
Date

Drew Kleis
Print Name

Deputy Director
Title

(858) 541-4320
Telephone Number

Akleis@sandiego.gov
Email

City of San Diego FY 2016 JRMP Annual Report – San Dieguito Watershed Management Area

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 done in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2016 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 2016 were still under investigation at the end of FY 2016.

⁴ The Storm Water Standards Manual (Part 1: BMP Design Manual, and Part 2: Construction BMP Standards) was updated in January 2016.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/16. 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 6/30/16. 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 2016.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2016 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2016.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory as of the end of FY 2016. These projects include projects entered into the inventory as complete in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations 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. The City has achieved compliance at 146 of the 150 sites identified in the San Diego RWQCB's Notice of Violation (Order Number R9-2014-0034). The San Diego RWQCB granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. Continuing the same process as outlined in our quarterly reports to the RWQCB, the City is currently researching each case. After initial research to verify non-compliance or not, we will follow our established procedures to have each site be in conformance to the MS4 permit under which it was permitted.

¹² Responses in this report are based on the City's internal data. Potential program deficiencies were identified by the Board in FY 2016, however, the City has taken steps to correct issues identified by the Board as detailed in the JRMP Annual Report FY 2016 Appendix. The City has implemented several improvements that address the Regional Board's concerns. These improvements ranged from procedural changes to creating multi-language brochures for contractors. Several operating and internal procedures have been refined to improve enforcement actions, add clarity to how sites are inspected, and to better define the staff's roles and expectations.

¹³ 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 that is only counted as one inspection. However, all individual issues noted at each residence during an RMA inspection is counted as a separate violation and/or enforcement action.


¹⁴ See the JRMP Annual Report FY 2016 Appendix for the FY 2016 Fiscal Analysis.

This page intentionally blank for printing purposes.

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 ¹ <input checked="" type="checkbox"/> NO <input 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 checked="" 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	47
Number of non-storm water discharges detected by Copermittee staff or contractors	50
Number of non-storm water discharges investigated by the Copermittee	97
Number of sources of non-storm water discharges identified	94
Number of non-storm water discharges eliminated	92
Number of sources of illicit discharges or connections identified	94
Number of illicit discharges or connections eliminated	92 ³
Number of enforcement actions issued	93 ³
Number of escalated enforcement actions issued	61
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	60 ⁵
Number of Priority Development Projects in review	8 ⁶
Number of Priority Development Projects approved	27 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	9 ⁸
Number of completed Priority Development Projects in inventory	89 ⁹
Number of high priority Priority Development Project structural BMP inspections	5
Number of Priority Development Project structural BMP violations	5 ¹⁰
Number of enforcement actions issued	12 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?				YES ^{1,12} <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
Number of construction sites in inventory				448
Number of active construction sites in inventory				8
Number of inactive construction sites in inventory				36
Number of construction sites closed/completed during reporting period				44
Number of construction site inspections				2,801
Number of construction site violations				154
Number of enforcement actions issued				150
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 <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
	Municipal	Commercial	Industrial	Residential
Number of facilities or areas in inventory	20	2,075 <small>(includes mobile)</small>	369	6 ¹³
Number of existing development inspections	19	233	41	2 ¹³
Number of follow-up inspections	0	31	7	0
Number of violations	1	60	19	69 ¹³
Number of enforcement actions issued	1	65	21	62 ¹³
Number of escalated enforcement actions issued	0	26	13	36
VIII. PUBLIC EDUCATION AND PARTICIPATION				
Has the Copermittee implemented a public education program component that complies with Order No. R9-2013-0001?				YES ¹ <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
Has the Copermittee implemented a public participation program component that complies with Order No. R9-2013-0001?				YES ¹ <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>
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 ^{1,14} <input checked="" type="checkbox"/>
				NO <input type="checkbox"/>

X. CERTIFICATION	
I [<input type="checkbox"/> Principal Executive Officer <input type="checkbox"/> Ranking Elected Official <input checked="" type="checkbox"/> 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

11/2/17

 Date

 Deputy Director

 Title

 Akleis@sandiego.gov

 Email

City of San Diego FY 2016 JRMP Annual Report – Tijuana Watershed Management Area

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 done in compliance with Order No. R9-2013-0001.

² See the JRMP Annual Report FY 2016 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 2016 were still under investigation at the end of FY 2016.

⁴ The Storm Water Standards Manual (Part 1: BMP Design Manual, and Part 2: Construction BMP Standards) was updated in January 2016.

⁵ The number of ongoing Standard and Priority Development Projects in review as of 6/30/16. 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 6/30/16. 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 2016.

⁸ This number includes the City's Priority Development Projects that received final inspection in FY 2016 as well as certain Priority Development buildings and grading projects that did not require a Certificate of Occupancy, that were completed in FY 2016.

⁹ Represents the total number of completed Priority Development Projects in the City's inventory as of the end of FY 2016. These projects include projects entered into the inventory as complete in previous years.

¹⁰ The number of Priority Development Project structural BMP violations included Notices of Violation, Notices of Deficient Maintenance, and Administrative Citations 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. The City has achieved compliance at 146 of the 150 sites identified in the San Diego RWQCB's Notice of Violation (Order Number R9-2014-0034). The San Diego RWQCB granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. Continuing the same process as outlined in our quarterly reports to the RWQCB, the City is currently researching each case. After initial research to verify non-compliance or not, we will follow our established procedures to have each site be in conformance to the MS4 permit under which it was permitted.

¹² Responses in this report are based on the City's internal data. Potential program deficiencies were identified by the Board in FY 2016, however, the City has taken steps to correct issues identified by the Board as detailed in the JRMP Annual Report FY 2016 Appendix. The City has implemented several improvements that address the Regional Board's concerns. These improvements ranged from procedural changes to creating multi-language brochures for contractors. Several operating and internal procedures have been refined to improve enforcement actions, add clarity to how sites are inspected, and to better define the staff's roles and expectations.

¹³ 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 that is only counted as one inspection. However, all individual issues noted at each residence during an RMA inspection is counted as a separate violation and/or enforcement action.

¹⁴ See the JRMP Annual Report FY 2016 Appendix for the FY 2016 Fiscal Analysis.

This page intentionally blank for printing purposes.

January 12, 2017

Christina Arias
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Dear Ms. Arias:

Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2016 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 2016 Annual Report, and associated Appendices.

If you have any questions, please contact Edric Doringo, Program Manager at 619-446-5098 or email edoringo@sandiego.gov.

I certify, under penalty of law, that this Jurisdictional Runoff Management Plan Fiscal Year 2016 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 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,



Gregory Hopkins
Deputy Director, Development Services Department

GH/cmm

Enclosure:

cc: Robert Vacchi, Director, Development Services Department
Drew Kleis, Deputy Director, Transportation and Storm Water Department



Development Services Department
Inspection Services Division

January 24, 2017

Christina Arias
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Dear Ms. Arias:

Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2016 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 2016 Annual Report, and associated Appendices.

If you have any questions, please contact Senior Inspector Sam Lindsey or Project Manager Xavier Del Valle at (858) 492-5070.

I certify, under penalty of law, that this Jurisdictional Runoff Management Plan Fiscal Year 2016 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 black ink, appearing to read "William Barrañón". The signature is fluid and cursive, with a long horizontal stroke at the end.

William Barrañón
Inspection Services Manager

Public Works Department

Construction Management and Field Services Division

November 3, 2016

Christina Arias
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Dear Ms. Arias:


Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2016 Annual Report, Public Works Department, Construction Management and Field Services Division Contributions

Please accept this letter as certification of the City of San Diego Public Works Department Construction Management and Field Services Division's contributions to the City of San Diego's JRMP Fiscal Year 2016 Annual Report, and associated Appendices.

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

I certify under penalty of law that this Jurisdictional Runoff Management Plan Fiscal Year 2016 Annual Report and attachments (associated with the Public Works Department 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,


Myrna M. Dayton, PE, QSP, QSD, DCE
Deputy Director



THE CITY OF SAN DIEGO

January 30, 2017

Christina Arias
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, CA 92108

Dear Ms. Arias:

Subject: City of San Diego Jurisdictional Runoff Management Plan (JRMP) FY 2016 Annual Report, Public Works Department, Project Implementation Division Contributions

Please accept this letter as certification of the City of San Diego Public Works Department, Project Implementation Division's contributions to the City of San Diego's JRMP Fiscal Year 2016 Annual Report, and associated Appendices.

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 2016 Annual Report and attachments (associated with the Public Works Department, Project Implementation 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 "Marnell Gibson".

Marnell Gibson
Assistant Director
Public Works Department

APPENDIX

1 OPERATIONAL ADAPTIVE MANAGEMENT

In Fiscal Year (FY) 2016 the City of San Diego (City) completed technical and non-technical monitoring, special studies, pilot studies, and various other efforts related to its Storm Water Program. The City gained valuable information that led to effective adaptation of procedures and operations, which ultimately led to more effective implementation of its Storm Water Program and the Jurisdictional Runoff Management Plan (JRMP). The following are operational adaptive management improvements that the City made during FY 2016:

- **Get it Done Application**

In late FY 2016, the City released the Get it Done Application (App), which provides a modern, efficient method for members of the public to report issues to the City. One of the App's features allows illicit discharges to be reported by taking a photo with a phone that includes Global Positioning System (GPS) coordinates, and uploading it to the App. According to a recent City survey, 83 percent of respondents stated that they did not want to call the City government to report a problem. The new Get It Done App eliminates the need to call the City for various problems, by allowing residents to report issues online, which was the preferred method of 50 percent of survey respondents. The App also allows residents to report problems using their name or anonymously.

- **Phase V Street Sweeping Pilot**

The City completed the fifth and final pilot study of the Targeted Aggressive Street Sweeping Pilot Program in FY 2016, which tested the effectiveness of posting limited-hour "no parking" signs on traditionally non-posted street sweeping routes. After two years of data collection on two subject routes, the study confirmed the hypothesis that a significant amount of additional debris (48% and 58% over baseline on the subject routes) can be removed from posting no parking signs on traditionally non-posted roadways. Based on this finding, the City will consider posting additional routes if supported by the community.

- **Enhanced Catch Basin Cleaning Optimization**

Enhanced catch basin cleaning is a strategy to address pollutant removal from the Municipal Separate Storm Sewer System (MS4) in three of the City's six watersheds. While most catch basins are inspected once per year, this strategy involves inspecting catch basins within the specified watersheds between two and four times per year. The optimization study assigned priorities to individual basins and watersheds based on eight years of historic debris removal. This optimization focused efforts by reducing the number of inspections performed per year, while increasing total debris removal from those inspections. This enhancement will allow the City to target high priority drains to maximize pollutant removal while maintaining cost efficiencies. In FY 2016, approximately 2,500 additional catch basin inspections and cleanings (if necessary) were completed in the Chollas Creek area of the San Diego Bay Watershed.

- **Flood Control Pump Stations**

To help minimize the risk of flooding in flood-prone areas during storm events, the City utilizes a number of pump stations to increase the flow of water through the conveyance network. Considering the pump stations are connected to the electric network, they only

function when power is running. In FY 2016, a 2,400 volt automatic transfer switch and generator were installed at a critical pump station that are capable of pumping 130,000 gallons of water per minute. This significantly decreases the risk of flooding in the related drainage area because the pump station will continue to operate during a storm event. The City also replaced or refurbished 11 other critical pump stations. Additionally, the City modernized operations at 14 pump stations by installing a telemetry system that remotely alerts staff of failures, allowing for a more immediate response.

- **Storm Drain Inspections**

To help prioritize replacement of corrugated metal piping in the City's conveyance network, the City used closed-circuit televising at 62 locations in FY 2016 to assess pipe conditions. The City assessed the condition of 28,000 linear feet of corrugated metal piping in FY 2016.

- **Property-Based Inspections**

In FY 2016, the City further committed to implementing property-based inspections to increase the business inspection program's efficiency and effectiveness. A previously conducted pilot study on inspection practices found property-based inspections more effective at identifying and resolving water quality issues (e.g., improper trash disposal practices and irrigation runoff, etc.) associated with commercial and industrial businesses. The inspections are focused on areas and activities associated with businesses that would not otherwise be inspected for storm water compliance. The inspections greatly increase the number of businesses subjected to storm water inspections while focusing on the pollution generating areas and activities without unduly increasing the inspection load of City inspectors. In FY 2016, the City performed 835 property-based inspections that accounted for over 4,700 business inspections.

- **Tiger Team**

The Tiger Team was established in FY 2016 to identify, locate and eliminate sources of human specific bacteria sources in the MS4. The Transportation & Storm Water Department (TSW) leads this effort in partnership with the Public Utilities Department. After a specific portion of the MS4 with elevated human specific bacteria was identified, the Tiger Team performed escalated enforcement activities through TSW Code Enforcement, MS4 sampling, MS4 sanitary sewer line televising, and MS4 and sanitary sewer cleaning. Over several months during the reporting year, one problem area within the City was investigated extensively and a source of human specific bacteria in the MS4 was identified and abated.

- **Increased Non-Stormwater Discharge Investigations**

The City received 215 more complaints of non-stormwater discharges in FY 2016. Approximately 81% of the complaints citywide were resolved. A majority of the investigations that were resolved involved irrigation runoff. Cases were unresolved either because the source could not be identified or the source was groundwater.

The identification and elimination of irrigation efforts in FY 2016 involved the following:

- 1) Special irrigation patrols were conducted on a monthly basis. All violating properties were issued notices of violation and/or a citation.
- 2) TSW code compliance partnered with the Public Utilities Department. If a complaint of irrigation with runoff was received, a storm water code compliance officer would issue a notice of violation. If the property had multiple complaints,

that property would become part of an irrigation patrol and could result in a citation.

- **Waterways Maintenance Plan**

The City began development of the Waterways Maintenance Plan in FY 2016, which will replace the Master Storm Water System Maintenance Program, which expires in 2018. The goals of the Plan are to create an overall holistic storm water management strategy with standard mitigation measures and streamlined maintenance approvals. Objectives of the Plan include flood risk reduction, infrastructure sustainability and resource protection and restoration. In addition to technical scoring criteria, the Plan also includes a unique public input metric so that public concerns are given a tangible value. Planning efforts will continue in FY 2017, with implementation beginning in FY 2019.

- **Off-Site Alternative Compliance Program**

In FY 2016, the City implemented phase I of the Alternative Compliance Program. This gives development projects that would require on-site structural Best Management Practices (BMPs) to comply with pollutant control and hydromodification management the option to propose off-site alternative compliance projects. The development of phase II also began in FY 2016 and includes establishing an in-lieu fee structure and credit system as an alternative to installing on-site stormwater BMPs.

- **Watershed Master Planning**

To provide the high-resolution data needed to drive systematic and cost-effective implementation of green infrastructure (GI) projects, the City has developed a comprehensive and dynamic Watershed Master Plan (WMP) in the Chollas Creek Watershed that quantifies progress towards water quality goals and incorporates synergies with other municipal programs. The WMP has the capability to dynamically assess the cost-based water quality benefits of specific GI projects against one another and incorporates a robust prioritization logic that realizes the complex nature of implementing retrofit GI facilities within a highly urbanized environment. Ultimately, the output of this project gives the City a project-by-project roadmap that is prioritized to implement high-impact and high-efficiency BMPs first, leaving less desirable projects for later implementation.

- **Bacteria Regrowth Study**

The bacteria regrowth study currently being completed by the City includes monitoring to characterize the magnitude and extent of potential *Enterococcus* loading due to regrowth within the City's storm drain system. This study will quantify the amount of bacteria in receiving water samples that are harmless to humans and would potentially be used to refine bacteria water quality standards of the Bacteria TMDL as a part of the re-opener process.

- **Los Peñasquitos Lagoon Restoration Project**

Modeling was completed in FY 2016 to confirm the preferred alternative for the Los Peñasquitos Lagoon Restoration project. The City was identified as the "lead" for the project. The upcoming tasks in FY 2017 include completing the concept design and starting the public outreach process. In coordination with Copermitees, Caltrans and SANDAG completed the environmental and construction phases for various rail and transit, highway, and environmental protection projects.

2 STORMWATER PROGRAM ACCOMPLISHMENTS/NOTABLE UPDATES

The City continued to implement the key elements of the JRMP. The following are stormwater accomplishments and notable updates that occurred during the FY 2016 reporting period.

- **Water Quality Improvement Plans**

In FY 2016, the San Diego Regional Water Quality Control Board (Regional Board) accepted the six 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 Penasquitos, and Mission Bay watersheds. The City is also a participating agency in the San Diego River, San Diego Bay, and Tijuana River watersheds.

- **JRMP Refinements**

In FY 2016, the City identified refinements to the JRMP. These refinements were incorporated into the JRMP and will be completed in mid FY 2017. Refinements included minor changes to text to update the discussions of WQIP strategies, updates to the fiscal analysis, updates to the minimum BMPs to address pesticide applications, and updated references to the Storm Water Standards Manual that was adopted in FY 2016. The updated JRMP can be viewed at <https://www.sandiego.gov/stormwater/plansreports/jrmp>.

- **General Plan and Community Plan Amendments**

Southeastern San Diego and Encanto Neighborhoods Community Plan Updates:

The recently adopted Southeastern San Diego and Encanto Neighborhoods Community Plans incorporate language, policies and recommendations concerning the reduction of urban runoff and storm water quality. Stormwater quality plays a significant role in both of these communities since Chollas Creek is a significant feature within both plan areas lead directly to the San Diego Bay. A primary recommendation in both community plans is the restoration and enhancement of the creek, consistent with the Chollas Creek Enhancement Program, which includes the reduction of pollutants that enter the storm water system from nearby uses (see respective Conservation Elements). Specific stormwater language and policies have been adopted for the newly updated Southeastern San Diego and Encanto Neighborhoods Community Plans (adopted October 2015 by City Council).

The following policies have been adopted and will be used to implement BMPs for new development projects in Encanto as an example:

- PLU-53:
 - Facilitate urban gardening as a strategy for creating local healthy food systems and fighting chronic obesity related illnesses, contributing to stormwater retention, and fostering community interaction;
 - Figure 3-4 in the Southeastern San Diego and Encanto Neighborhoods Community Plan illustrates stormwater treatment for streets;
 - Images on page 4-15 in the Southeastern San Diego Encanto Neighborhoods Community Plan illustrate stormwater treatment images;
- P-UD-88: Utilize permeable paving, bioswales, green alleys and/or other stormwater design features that will manage rain water and irrigation runoff while supporting the heavy load vehicles that would service the loading docks and refuse containers;
- Upgrade infrastructure for water and sewer facilities and institute a program to clean the storm drain system prior to the rainy season.
- Install infrastructure that includes components to capture, minimize, and/or prevent pollutants in urban runoff from reaching San Diego Bay and Chollas Creek. (See also Urban Runoff Management in the Conservation and Sustainability Element.)
- P-RE-20: Require that all stormwater and urban runoff drainage be filtered or treated before entering into open space lands.

Draft North Park Community Plan: The draft North Park Community Plan, scheduled to be adopted by City Council in October 2016, also contains specific Stormwater and BMP language in the Conservation Element of the Community Plan as well as in the appendices. The draft North Park Community Plan incorporates language, policies and recommendations concerning the reduction of urban runoff and storm water quality specifically in relation to tree planting as well as “Green Streets”. Specific policies include:

- PF-1.15 Implement water improvements programs so there are systematic improvements and gradual replacement of water and wastewater facilities throughout the community. Also see General Plan PF-F.6 PF-G.2, PFH. 3, and PF-I.1.
 - Implement Green Infrastructure strategies to address storm water runoff throughout North Park.
- SE-3.17 Encourage property owners to design or retrofit landscaped or impervious areas to better capture stormwater runoff.

Draft Uptown and Golden Hill Community Plans: Public review drafts of the community plans for Uptown and Golden Hill plan updates were made available for public review in June 2016. The Conservation Elements of the draft community plans address conservation of the natural resources in each community, including open space, natural habitats, canyon sewer maintenance, and management of water resources and

urban runoff. The Public Facilities, Services and Safety Elements also address water, sewer and stormwater infrastructure. The discussion and policies related to these topics are intended to guide sustainable development practices that will minimize ecological footprints within each community and preserve natural features and resources. The Draft Programmatic Environmental Impact Reports were released in the summer of 2016. Adoption of the community plans are anticipated at the end of 2016.

San Ysidro Community Plan Update: A comprehensive community plan update started in San Ysidro in June of 2010 and aims to reflect the current conditions, improve mobility, include the pedestrian environment, and address quality of life issues. A Community Plan Update Stakeholders Advisory Committee (Advisory Committee) was established as part of the plan update effort and consists of diverse representation from the residents, property owners, various business interests, local community organizations, and not-for-profit groups, and participating public agencies within the plan update boundary. The San Ysidro Community Planning Group, which provides City decision-makers with input and recommendations regarding land use plans and development proposals within the San Ysidro plan boundary, makes up the majority of the Advisory Committee members. The Plan update effort is informed by technical studies and the City's 2008 General Plan which promotes current storm water, urban runoff, and water conservation policies. A discussion draft of the plan was released in June 2014 and a public review draft was released in April 2015 and 2016. The plan includes a Conservation Element as well as a Public Facilities Services and Safety Element, and contains specific policies related to reducing storm water runoff in the San Ysidro Community planning area. The plan is anticipated to be adopted in fall 2016.

- **Notices of Violation**

Treatment Control BMPs Notice of Violation: The City has achieved compliance at 146 of the 150 sites identified in the Regional Board's Notice of Violation (Order Number R9-2014-0034). The Regional Board granted the City an extension to achieve compliance at the remaining four sites by May 26, 2017.

During the process of achieving compliance for the aforementioned 150 identified sites, the City has discovered an additional 74 sites which initially appear to be out of compliance due to varying degrees of circumstances. Each of these potential violations consist of post-construction BMP issues. The City is continuing the same process outlined in its quarterly reports to the Regional Board, and is researching each case. After initial research to verify non-compliance or not, the City will follow its established procedures to achieve compliance at each site as required by the MS4 permit that it was permitted.

Administrative Civil Liability Complaint: The Regional 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 oversight and enforcement practices. The City has worked diligently to address their initial concerns, and will continue to evaluate and implement strategies to ensure long-term success.

Since 2011, there has been a steady increase in the number of construction projects citywide. This surge in activity required the City to respond in a manner that would

enable the staff to keep up with the demand and allow the managers to effectively oversee the growth.

Several substantial improvements have been made, ranging from updating our standard procedures and increasing our outreach efforts to improving the City's escalating enforcement practices and issuing Administrative Citations and Administrative Civil Penalties to repeat offenders. In addition, the City established bi-weekly coordination meetings with the Storm Water teams from Public Works, Development Services and TSW to more effectively share up-to-date project information, discuss various strategies, collaborate on solutions, and coordinate enforcement on a more routine basis so that escalated enforcement is effective.

Another significant improvement involves the development of a unified storm water enforcement database. This will ensure collaboration between Resident Engineers (RE) and storm water inspectors while in the field so they will know the full inspection and enforcement history prior to entering a site. This resource is expected to be available in FY 2017.

Updating the Storm Water Standards Manual is another milestone improvement that was completed during FY 2016. The additional clarity that's now provided in the Construction BMP Standards section (Part 2) gives the responsible party increased guidance to help prevent construction activities from adversely impacting water quality downstream.

The frequency of the citywide storm water training has increased and proven to be a key factor in equipping and empowering our staff to properly address various field challenges and confidently communicate concerns and violations to the responsible parties. Some of the trainings included mandatory annual storm water training for the REs, Inspectors and Code Enforcement Officers, as well as training for our operations staff from the Public Utilities Department and TSW Streets Division.

3 FISCAL ANALYSIS

3.1 GENERAL BUDGET INFORMATION

The Storm Water Division is responsible for reporting annually on the jurisdictional, watershed and regional fiscal analyses to the Regional Board in accordance with the regional Fiscal Analysis Method developed by the Copermittees in response to Regional Board Order No. R9-2007-0001 (2007 Permit). During the reporting period, the Storm Water Division collected and analyzed financial information from 23 City departments/divisions through its “Annual Report Form” questionnaire, as well as from within the Storm Water Division. A summary of the findings is included below.

FY 2016 fell within the transitional period, as defined under Regional Board Order No. R9-2013-0001, as amended by Order No. R9-2015-0001 (Municipal Permit). During the transitional period, most of the jurisdictional portions of the City’s program continue to follow the requirements of the 2007 Permit, while the JRMP and WQIPs were being developed in response to the current Municipal Permit. The WQIPs were approved by the Regional Board at the end of FY 2016. The expenditures described for FY 2015 therefore reflect costs to comply with the transitional period stormwater requirements in effect during FY 2015, which are a combination of 2007 Permit and current Municipal Permit standards. Since the WQIPs were approved during FY 2016, partial implementation began, but full implementation will commence in FY 2017.

It is expected that the City will begin full implementation of current Municipal Permit requirements during FY 2017. The City will implement the revised JRMP, which updates the City’s jurisdictional stormwater program to follow the current Municipal Permit requirements rather than the 2007 Permit requirements. The City’s fiscal analysis reporting structure in turn will change, reporting expenditures, and funding sources in the following three main categories: JRMP (jurisdictional), WQIP (watershed), and flood risk management. That structure is consistent with the framework described in the City’s Watershed Asset Management Plan (WAMP), the WQIPs to which the City is a party, and the JRMP. FY 2015 is the last year in which JRMP and flood risk management will be lumped together under the heading of “Jurisdictional Component” rather than reported separately.

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 2016 Transitional JRMP Regional Program total expenditures (\$75,934,083) for implementing the Municipal Permit requirements are summarized in Table 1.

Table 1: FY 2016 Jurisdictional, Watershed, and Regional Expenditures Summary

Jurisdictional Component	
Administration	\$11,179,605
Development Planning (including public and private projects)	\$1,897,784
Construction (including public and private projects)	\$632,646
Municipal (including Non-emergency Fire Fighting expenditures)	\$30,146,109
Storm Water Division Capital Improvements Program (CIP)	\$7,929,308
Industrial and Commercial	\$2,001,544
Residential, Education, and Public Participation	\$2,159,991
Illicit Discharge Detection and Elimination (IDDE)	\$11,339,120
Jurisdictional Total	\$67,286,108
Watershed Component¹	
San Dieguito Watershed	\$1,105,348
Los Peñasquitos Watershed	\$2,061,071
Mission Bay Watershed	\$1,242,769
San Diego River Watershed	\$680,843
San Diego Bay Watershed	\$2,165,456
Tijuana River Watershed	\$686,584
Watershed Total	\$7,942,071
Regional Component	
Total Copermittee Cost Share for the City of San Diego	\$342,001
Additional Regional Costs for education efforts, monitoring, document reviews, regional meeting attendance, and special projects	\$363,903
Regional Total	\$705,904
Total Costs	\$75,934,083

¹ Watershed Component costs 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.

Transitional JRMP Expenditures

The City's FY 2016 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 \$67,286,108 was expended in FY 2016 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 (\$11,179,605)

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 (\$1,897,784)

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.

Construction (\$632,646)

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 (\$30,146,109)

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, stormwater BMPs, etc.

Capital Improvement Program (\$7,929,308)

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 (\$2,001,544)

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 stormwater components of Food Establishment Wastewater Discharge Program (FEWD) and Industrial Wastewater Control Program (IWCP) inspections.

Residential, Education, and Public Participation (\$2,159,991)

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 (\$11,339,120)

Activities identified in this section represent personnel and non-personnel expenses for identification and elimination of illicit discharges, enforcing the City's stormwater 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 2016 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 Copermitees within the watershed(s).

In total, \$7,942,071 was expended in FY 2016 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 2016 regional expenditures (\$705,904) for the implementation of the regional Municipal Permit requirements are primarily the City's share of regional Copermitee stormwater 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 Copermitees 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 detailed in Section 2.2.1.4 above. Table 2 lists projects that were initiated and/or in progress during FY 2016. It is important to note that the projects span multiple years and the amounts listed below are not just representative of FY 2016.

Table 2: Funding for Special Projects

Funding Source	Project	Amount	Matching Fund Amount	Total Amount²
San Diego County Water Authority (SDCWA)	Memorial Park Infiltration Basin Construction	\$255,651.00	\$295,904.00	\$551,555.00
State Water Resources Control Board (SWRCB)	43rd & Logan Monitoring & Assessment	\$689,300.00	\$85,362.00	\$774,662.00
SDCWA	Bannock Avenue Infiltration Construction	\$630,500.00	\$893,300.00	\$1,523,800.00
SWRCB	Southcrest Park Infiltration Project	\$1,880,070.00	\$777,970.00	\$2,658,040.00
Total Grant Funding		\$3.5 million	\$2.0 million	\$5.5 million

2 Amounts span multiple years and not just FY 2016

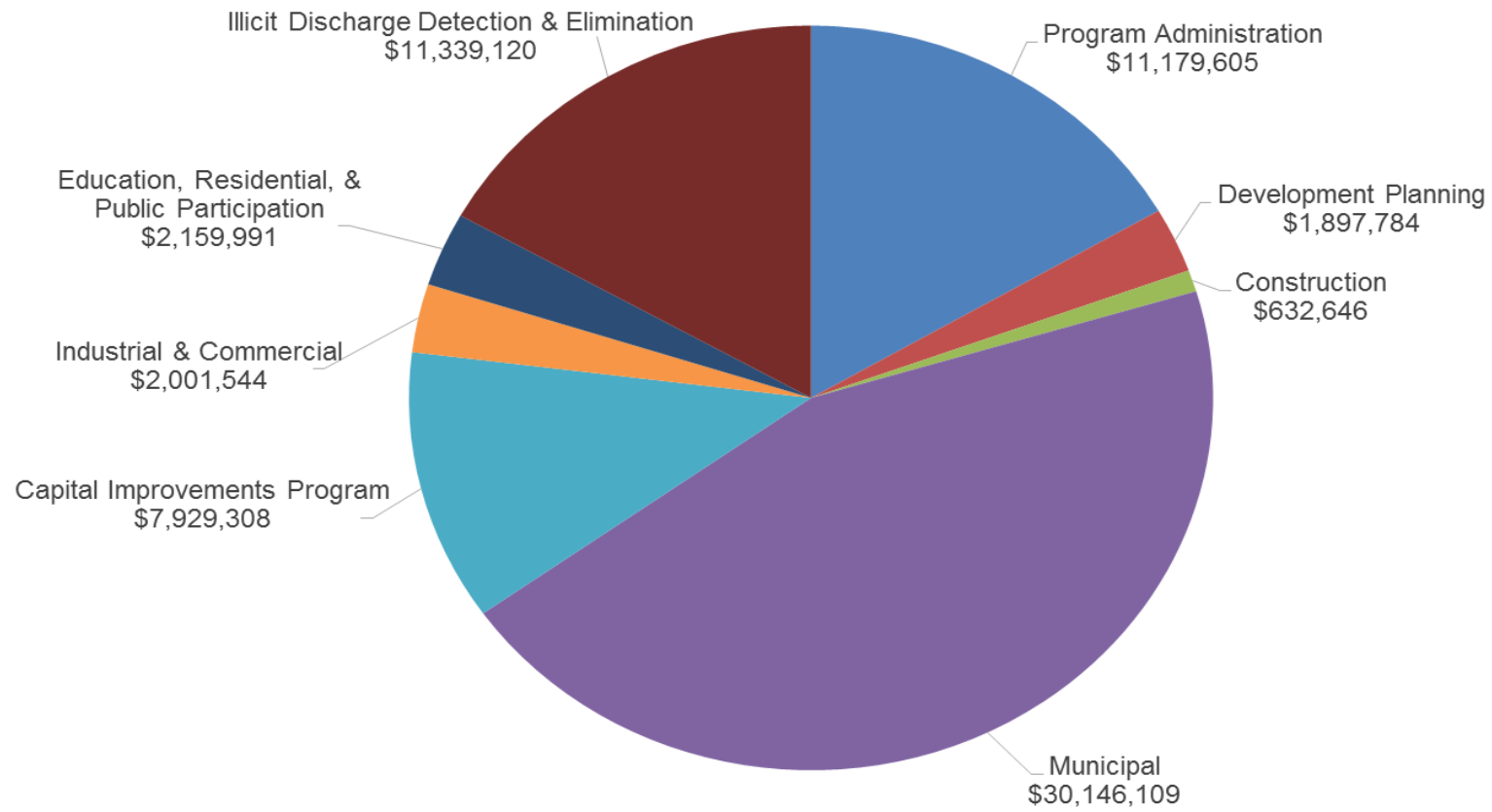


Figure 1: FY 2016 Citywide JRMP Expenditures by Permit Area

This page intentionally blank for printing purposes.

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

This page intentionally blank for printing purposes.

City of San Diego FY 2015 JRMP Annual Report

Attachment 1

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
Number of non-storm water discharges reported by the public	119	353	541	368	634	47	2,062
Number of non-storm water discharges detected by Copermittee staff or contractors	60	172	317	314	393	50	1,306
Number of non-storm water discharges investigated by the Copermittee	171	518	845	683	1,021	97	3,335
Number of sources of non-storm water discharges identified	143	442	736	559	828	94	2,802
Number of non-storm water discharges eliminated	141	434	697	553	819	92	2,736
Number of sources of illicit discharges or connections identified	142	437	715	551	805	94	2,744
Number of illicit discharges or connections eliminated	140	429	676	545	796	92	2,678
Number of enforcement actions issued	141	436	709	553	819	93	2,751
Number of escalated enforcement actions issued	69	197	351	349	445	61	1,472

City of San Diego FY 2015 JRMP Annual Report

Attachment 1

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
Number of proposed development projects in review	70	241	332	233	561	60	1,497
Number of Priority Development Projects in review	5	32	15	21	38	8	119
Number of Priority Development Projects approved	88	110	76	61	138	27	500
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	75	63	7	30	40	9	224
Number of completed Priority Development Projects in inventory	118	178	141	113	213	89	852
Number of high priority Priority Development Project structural BMP inspections	1	9	0	1	1	5	17
Number of Priority development project structural violations	1	8	0	1	1	5	16
Number of enforcement actions issued	1	15	0	3	4	12	35
Number of escalated enforcement actions issued	0	3	0	1	1	1	6

City of San Diego FY 2015 JRMP Annual Report

Attachment 1

Table 3: Summary of Watershed Specific Data from the Construction Management 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
Number of construction sites in inventory	1,364	4,300	2,091	1,830	3,870	448	13,903
Number of active construction sites in inventory	26	47	37	38	51	8	207
Number of inactive construction sites in inventory	12	112	216	188	425	36	989
Number of construction sites closed/completed during reporting period	23	169	276	258	518	44	1,288
Number of construction site inspections	10,074	27,037	9,404	8,875	18,737	2,801	76,928
Number of construction site violations	169	270	195	78	211	154	1,077
Number of enforcement actions issued	114	164	183	51	187	150	849
Number of escalated enforcement actions issued	65	91	16	25	32	6	235

City of San Diego FY 2015 JRMP Annual Report

Attachment 1

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			
	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	23	1,542	81	12	123	8,282	915	27	218	8,911	464	32	121	10,175	513	33	197	14,085	690	70	20	2,075	369	6	702	45,070	3,032	180
Number of existing development inspections	22	308	6	1	117	1,533	140	4	159	4,801	186	5	114	2,573	99	5	195	3,197	102	5	19	233	41	2	626	12,645	574	22
Number of follow-up inspections	0	14	0	0	0	263	13	0	0	166	4	3	0	193	5	4	0	270	44	4	0	31	7	0	0	937	73	11
Number of violations	3	49	0	109	18	388	37	375	34	413	6	424	10	420	11	481	23	511	34	709	1	60	19	69	89	1,841	107	1,819
Number of enforcement actions issued	4	58	0	107	22	490	48	285	46	462	9	407	16	514	13	365	41	623	44	543	1	65	21	62	130	2,212	135	1,790
Number of escalated enforcement actions issued	0	23	0	50	2	148	8	134	0	205	3	182	0	172	0	236	6	217	11	291	0	26	13	36	8	791	35	884

MUN Municipal
 COM Commercial
 IND Industrial
 RES Residential