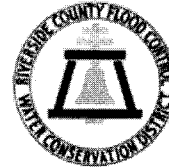


**SUBMITTAL TO THE FLOOD CONTROL AND
WATER CONSERVATION DISTRICT
BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
11.5
(ID # 4438)

MEETING DATE:

Tuesday, June 6, 2017

FROM : FLOOD CONTROL DISTRICT:

SUBJECT: FLOOD CONTROL DISTRICT: Schedule a Public Hearing to Adopt Resolution F2017-06 Accepting the Engineer's Report for the NPDES Program Santa Ana Watershed Benefit Assessment Area; 1st/2nd/3rd/5th Districts; [\$0], CLERK TO ADVERTISE

THAT THE BOARD OF SUPERVISORS:

1. Accept the Engineer's Report on the NPDES Program for the Santa Ana Watershed Benefit Assessment Area, dated June 2017; and
2. Direct the Clerk of the Board to advertise for the public hearing on said report, to be held at 9:00 a.m. July 11, 2017 at a regular meeting of the Board; and
3. Adopt the following entitled resolution:

RESOLUTION NO. F2017-06

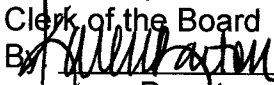
ACCEPTING THE ENGINEER'S REPORT AND SETTING A PUBLIC HEARING FOR THE SANTA ANA WATERSHED BENEFIT ASSESSMENT AREA PURSUANT TO ORDINANCE NO. 14 PROVIDING FOR THE ESTABLISHMENT AND LEVY OF BENEFIT ASSESSMENTS FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PROGRAM

ACTION: Policy, Clerk to Advertise, Set for Hearing

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Washington and duly carried, IT WAS ORDERED that the above matter is approved as recommended, and is set for public hearing Tuesday, July 11, 2017, at 9:00 a.m. or as soon as possible thereafter.

Ayes: Jeffries, Tavaglione, Washington and Perez
Nays: None
Absent: Ashley
Date: June 6, 2017
xc: Flood, COB

Kecia Harper-Ihem
Clerk of the Board
By 
Deputy

**SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD
OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

C.E.O. RECOMMENDATION: APPROVE

BACKGROUND:

Summary (Continued)

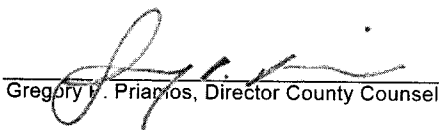
The Santa Ana Watershed Benefit Assessment Area was established on May 14, 1991 by the adoption of Resolution No. F91-21 by the Board pursuant to Ordinance No. 14 of the Flood Control District and the Flood Control District Act. Said Ordinance No. 14 requires that the Chief Engineer shall prepare an annual report on the status of the program, and recommend the benefit assessment levy to be enrolled for the ensuing fiscal year. The Board, upon acceptance of said report, shall set a time and place for a public hearing to hear and consider all protests regarding the report and the amount of the proposed benefit assessment levy.

Impact on Residents and Businesses

The financial impact to property owners is outlined in the Engineer's Report and Benefit Assessment Tax Rolls. The proposed benefit assessment rate for Fiscal Year 2017-18 is \$3.75 per Benefit Assessment Unit; this is equal to the Benefit Assessment that was enrolled and levied for Fiscal Year 1996-97 and all subsequent years.

ATTACHMENTS:

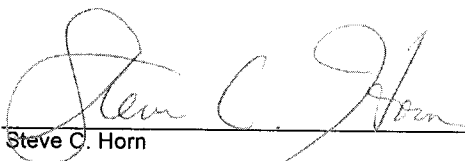
1. SA BA Engineer's Report FY 2017-2018
2. SA BA Resolution No. 2017-06


Gregory E. Priamos, Director County Counsel

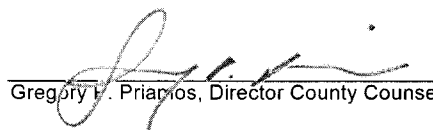
5/23/2017


Jeanine Rey

5/24/2017


Steve C. Horn

5/30/2017


Gregory E. Priamos, Director County Counsel

5/23/2017

BOARD OF SUPERVISORS**RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT**

RESOLUTION NO. F2017-06

ACCEPTING THE ENGINEER'S REPORT AND SETTING A PUBLIC HEARING
FOR THE SANTA ANA WATERSHED BENEFIT ASSESSMENT AREA
PURSUANT TO ORDINANCE NO. 14 PROVIDING FOR THE ESTABLISHMENT AND
LEVY OF BENEFIT ASSESSMENTS FOR THE NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM (NPDES) STORMWATER PROGRAM

WHEREAS, the California Regional Water Quality Control Board - Santa Ana Region, on
behalf of the Federal Environmental Protection Agency ("EPA"), and consistent with Section 402
of the Federal Clean Water Act, as amended, and the regulations promulgated by the EPA pursuant
thereto, has issued an area-wide stormwater discharge permit under the National Pollutant
Discharge Elimination System ("NPDES Permit") to the Riverside County Flood Control and
Water Conservation District ("District"), the County of Riverside and certain cities within the
Santa Ana Watershed that are within the District's jurisdiction, and has named the District as the
"Principal Permittee"; and

WHEREAS, under existing state and federal regulations, the District must obtain and
comply with the provisions of the NPDES Permit in order to legally discharge stormwater from its
flood control and stormwater drainage facilities; and

WHEREAS, the NPDES Permit requires the District to develop, implement, and manage
specific compliance programs dealing with stormwater runoff that will benefit all property within
the Santa Ana Watershed that lies within the District's jurisdiction; and

WHEREAS, the District's Board of Supervisors ("Board") on May 14, 1991 adopted
Resolution No. F91-21 pursuant to the provisions of Section 14 of the Riverside County Flood
Control and Water Conservation District Act, which is Appendix 48 to the California Water Code
("District Act"), and pursuant to Ordinance No. 14 that formed a Benefit Assessment Area
("Benefit Assessment Area") which encompasses all territory within the District's jurisdiction that
is within the Santa Ana Watershed as described in Ordinance No. 14, and has levied annually

FORM APPROVED COUNTY COUNSEL
BY:  5/15/17
AARON C. GETTIS DATE

1 thereon a Benefit Assessment ("Benefit Assessment") to pay the District's annual costs associated
2 with the NPDES Permit; and

3 WHEREAS, the Benefit Assessments collected are principally used to finance capital costs
4 and to maintain and operate the flood control system as required by the terms of said NPDES
5 Permit and must be expended in the Benefit Assessment Area in which they are collected; and

6 WHEREAS, pursuant to Article IV of Ordinance No. 14, the General Manager-Chief
7 Engineer of the District ("Chief Engineer") is to cause to be prepared annually a written report for
8 each Benefit Assessment Area regarding the Benefit Assessment to be levied and to file said report
9 ("Report") with the Clerk of the Board of Supervisors; and

10 WHEREAS, the Chief Engineer has caused a report to be prepared and filed with the Clerk
11 of the Board of Supervisors regarding the Benefit Assessment to be levied for the 2017-18 Fiscal
12 Year for the Santa Ana Watershed Benefit Assessment Area; and

13 WHEREAS, Section 3 of Article IV of Ordinance No. 14 requires that the Board set a date,
14 time and place for a public hearing on the Report; and

15 WHEREAS, the voters of California on November 5, 1996 approved Proposition No. 218
16 which added Article XIID to the California Constitution ("Article XIID") effective November 6,
17 1996; and

18 WHEREAS, with regard to an assessment in place as of November 6, 1996, Section 5(a)
19 of Article XIID provides in pertinent part that "...any assessment imposed exclusively to finance
20 the capital costs or maintenance and operation expenses for...flood control and drainage systems..."
21 shall be exempt from the procedures and approval process set forth in Section 4 of Article XIID
22 until the assessment is increased.

23 BE IT RESOLVED, FOUND, DETERMINED AND ORDERED by the Board of
24 Supervisors of the Riverside County Flood Control and Water Conservation District in regular
25 session assembled on the 6th day of June 2017 as follows:

26 Section 1. Each of the above recitals is true and correct.

1 Section 2. The Report prepared by the Chief Engineer and filed with the Clerk of the
2 Board is accepted.

3 Section 3. The Report proposes that the Benefit Assessment to be levied on all parcels
4 within the Santa Ana Watershed Benefit Assessment Area, as described in Ordinance No. 14, in
5 Fiscal Year 2017-18 is equal to or less than the Benefit Assessment that was enrolled and levied
6 for Fiscal Year 1996-97 and all subsequent years.

7 Section 4. The public hearing on the Report is to be held at 9:00 a.m. or soon thereafter
8 on Tuesday, July 11, 2017 in the meeting room of the District's Board of Supervisors which is
9 located at 4080 Lemon Street, 1st Floor, Riverside, California.

10 Section 5. The Chief Engineer is to cause copies of the Report to be placed at the
11 following sites for review by the public:

12
13 Clerk of the District's Board
14 County Administrative Center
15 4080 Lemon Street, 1st Floor
16 Riverside, California

17
18 Riverside County Flood Control
19 and Water Conservation District
20 1995 Market Street
21 Riverside, California

22
23 City Clerk's Office
24 City of Hemet
25 445 E. Florida Avenue
26 Hemet, California

27
28 City Clerk's Office
29 City of Corona
30 400 South Vincentia Avenue, 1st Floor
31 Corona, California

32
33 City Clerk's Office
34 City of Lake Elsinore
35 130 S. Main Street
36 Lake Elsinore, California

1 Section 6. The Clerk of the Board of Supervisors is to cause a notice to be prepared by
2 the Chief Engineer to be published in The Press Enterprise once a week for two (2) successive
3 weeks pursuant to the provisions of Section 6066 of the California Government Code. The Chief
4 Engineer is to cause said notice to be posted in at least three (3) public places within the boundaries
5 of the Santa Ana Watershed Benefit Assessment Area at least seven (7) days prior to the date of
6 the hearing.

7 Section 7. This resolution shall take effect upon its adoption.

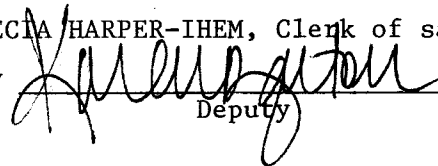
ROLL CALL:

Ayes: Jeffries, Tavaglione, Washington and Perez
Nays: None
Absent: Ashley

The foregoing is certified to be a true copy of a resolution duly
adopted by said Board of Supervisors on the date therein set forth.

KECIA HARPER-IHEM, Clerk of said Board

By


Deputy

NOTICE OF PUBLIC HEARING BEFORE THE BOARD OF SUPERVISORS
OF RIVERSIDE COUNTY FLOOD CONTROL AND WATER
CONSERVATION DISTRICT ON THE NPDES BENEFIT ASSESSMENT PROGRAM FOR
THE SANTA ANA WATERSHED BENEFIT ASSESSMENT AREA

NOTICE IS HEREBY GIVEN that a public hearing, at which all interested persons will be heard, will be held before the Board of Supervisors of Riverside County, California, acting as the governing board of the Riverside County Flood Control and Water Conservation District, County Administrative Center, 4080 Lemon Street, Riverside, California, on July 11, 2017 at 9:00 a.m. or soon thereafter, relative to the Flood Control Engineer's Report on the NPDES Program for the Santa Ana Watershed Benefit Assessment Area. The Board will hear and consider all protests with regard to the program, if any, including protests with regard to the amount of the proposed assessment to be levied. At the conclusion of the hearing, the Board may adopt, revise, change, reduce, or modify any assessment and shall make its determination upon each assessment described in the report for Fiscal Year 2017-18.

NOTICE IS FURTHER GIVEN that, pursuant to statutory authorization, a written report by the Chief Engineer of the District describing the Benefit Assessment Program has been filed with the Clerk of the District's Board. The report contains a description of each parcel of property within the boundaries of the Santa Ana Watershed Benefit Assessment Area of the District on which a benefit assessment is proposed to be levied, and sets forth the amount of the proposed benefit assessment for each such parcel. The report contains a schedule of the benefit assessment rates for the 2017-18 Fiscal Year. Copies of the report, together with copies of the assessment rolls for the Santa Ana Watershed Benefit Assessment Area and the official Riverside County Assessor's Map Books, are on file and available for review by the public at the office of the Clerk of the District's Board at the County Administrative Center, 4080 Lemon Street, Riverside, California; the District's office at 1995 Market Street, Riverside, California; the City Clerk's Office at the City of Hemet, 445 E. Florida Avenue, Hemet, California; the City Clerk's Office at the City of Corona, 400 S. Vicentia Avenue, Corona, California; and the City Clerk's Office at the City Lake Elsinore, 130 S. Main Street, Lake Elsinore, California. By reference to the Chief Engineer's report, the assessment rolls, and the map books, each property owner may verify the area of his or her parcel, its land use, and the amount of the 2017-18 Benefit Assessment.

NOTICE IS FURTHER GIVEN THAT the proposed benefit assessment rate for Fiscal Year 2017-18 is the same benefit assessment rate as Fiscal Year 1996-97 and all subsequent years.

BY ORDER OF THE BOARD OF SUPERVISORS

Dated: _____

June 16, 2017

KECIA HARPER-IHEM

Clerk of the District's Board

By: _____

Karen [Signature]
Deputy

ENGINEER'S REPORT
TO THE
BOARD OF SUPERVISORS
OF THE
RIVERSIDE COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT
ON THE
NPDES PROGRAM
FOR THE
SANTA ANA WATERSHED
BENEFIT ASSESSMENT AREA
JUNE 2017

Jason Uhley
General Manager-Chief Engineer



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ASSESSMENT ROLL	6
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APPENDICES

APPENDIX A – Proposed NPDES Program Budget (2017-2018)

APPENDIX B – RCFC&WCD Ordinance No. 14 (May 14, 1991)

APPENDIX C – Map of Santa Ana Watershed

Benefit Assessment Area (SAWBAA)

APPENDIX D – SAWBAA Assessment Roll (FY 2017-2018)

(Under Separate Cover)

INTRODUCTION

In 1987, Congress amended the Federal Clean Water Act (CWA) to require public agencies which serve urbanized areas with a population greater than 100,000 and other designated areas to obtain permits to discharge urban stormwater runoff from municipally owned drainage facilities including streets, highways, storm drains and flood control channels. In November 1990, the United States Environmental Protection Agency (EPA) promulgated enforceable regulations establishing Municipal Separate Storm Sewer System (MS4) Permit requirements under its National Pollutant Discharge Elimination System (NPDES) program. In California, USEPA has delegated its NPDES permitting authority to the State Water Resources Control Board (SWRCB). The SWRCB issues and enforces NPDES MS4 Permits through its nine California Regional Water Quality Control Boards (CRWQCBs).

The Riverside County Flood Control and Water Conservation District (District) service area encompasses portions of three major watersheds (drainage areas): the Santa Ana, Santa Margarita, and Whitewater Watersheds. The discharge of stormwater from MS4s within each of these three watersheds is regulated pursuant to an NPDES MS4 Permit (NPDES Permit) administered by a separate CRWQCB. **The District must comply with the provisions of these NPDES Permits in order to legally operate and maintain its flood control and drainage system infrastructure.** The USEPA and the CRWQCB can impose significant penalties for non-compliance as high as \$32,500 per day per violation. In addition, private citizens can pursue enforcement actions under the Federal CWA.

In the case of the Santa Ana Watershed, the District, along with the County of Riverside (County) and the Cities of Beaumont, Corona, Hemet, Lake Elsinore, Moreno Valley, Norco, Perris, Riverside and San Jacinto, obtained an "early"¹ NPDES Permit from the CRWQCB - Santa Ana Region (Regional Board) on June 1, 1990. The Regional Board added the then newly incorporated Cities of Calimesa and Canyon Lake to the NPDES Permit on June 10, 1992. This first NPDES Permit was considered a "Developmental Permit". The Permittees were authorized to continue discharging stormwater from their municipally owned storm drain and flood control facilities while developing the various elements of their respective Municipal Stormwater Management Programs.

The initial NPDES Permit expired on June 1, 1995; however, the provisions of this first NPDES Permit remained in effect until the Regional Board adopted a subsequent NPDES Permit on March 8, 1996. The 1996 Permit, which identified the District as the Principal Permittee, and the County and above listed Cities (Cities) as Co-Permittees (collectively, the Principal Permittee and Co-Permittees comprise the Permittees), expired on March 1, 2001. The Permittees submitted a "Report of Waste Discharge" (ROWD), as required by the Permit renewal procedures, and the Regional Board extended coverage under the 1996 Permit until October 25, 2002, when the 2002 Permit was adopted. The 2002 Permit expired on October 25, 2007; in accordance with permit renewal procedures, the Permittees submitted a ROWD on April 26, 2007. The Permittees received the fourth-term MS4 Permit, Order No. R8-2010-0033 on January 29, 2010 (2010 MS4 Permit); the 2010 MS4 Permit added three additional Permittees: the newly incorporated Cities of Menifee, Eastvale, and Jurupa Valley. The Permittees submitted a ROWD to the Regional Board

¹ The term "early" is used to refer to permits that were issued prior to the promulgation of the final USEPA rules for permitting municipal stormwater discharges [40 CFR 122.26, November 1990].

for their fifth-term MS4 Permit (MS4 Permit) on July 29, 2014; the 2010 MS4 Permit expired January 29, 2015 and has been administratively extended until the effective date of the new permit.

The 2002 Permit required the Permittees to implement a Drainage Area Management Plan (DAMP), incorporating upgraded program elements and other information as specified by the Permit. To ensure a consistent region-wide program in Riverside County, the DAMP was originally designed to address both the Santa Ana and San Diego Regional Board's NPDES Permits. The Permittees submitted the original DAMP in 2004, and finalized the document during Fiscal Year (FY) 2005-2006, after having received comments from both Regional Boards. Since then, the DAMP has undergone several additional revisions to reflect changes in Permit compliance activities, and required updates to other Permit compliance documents.

From the beginning, the Permittees' Municipal Stormwater Management Program has been guided by the following principles:

1. Utilize existing municipal departments/programs to meet NPDES Permit requirements whenever possible.
2. Minimize duplication of effort through coordinated Permittee compliance actions.
3. When necessary, develop new or enhanced stormwater management programs that are both cost-effective and acceptable to the public.

The Santa Ana Watershed Benefit Assessment Area (SAWBAA) was established pursuant to District Ordinance No. 14 on May 14, 1991 (copy attached - see Appendix B). The SAWBAA was formed to offset the District's program and administrative costs associated with the development, implementation and management of identified stormwater management activities required by the federally mandated NPDES Permit Program. **The District must continue to develop and implement these stormwater management activities in order to legally operate and maintain its flood control and drainage facilities.** A map showing the boundaries of the SAWBAA is attached hereto as Appendix C.

As Principal Permittee, the District is required to take a lead role, and implement area-wide management programs and related plans, as required by the MS4 Permit². As such, the costs of the District's various NPDES Permit compliance activities fluctuate from year to year. Although some expenses do not change significantly on a yearly basis, certain costs are cyclical (e.g., preparing ROWDs and negotiating Permit provisions), while expenses associated with collecting water samples and performing laboratory analysis may vary according to the amount of rainfall occurring in a given year or in response to certain information requests from the Regional Board. Costs associated with the development, production and distribution of public education materials are not always incurred on a FY basis. Occasionally, additional consultant and/or legal services may be needed to assist the District with the development of a particular Permit requirement or program activity. Also, certain activities or programs may be expanded or curtailed from time to time and, occasionally, new programs or activities must be developed and implemented.

² Section III.A, Order No. R8-2010-0033

Currently, the regulation and management of stormwater runoff is a topic of increasing interest among the public, municipalities, regulatory authorities, and legislators. Although new laws and/or regulations could result in changes to the assessment rate in future years, **the proposed assessment rate for FY 2017-2018 is equal to or less than the assessment rate that was enrolled and levied for FY 1996-1997 and all subsequent years.**

APPORTIONMENT METHODOLOGY

SAWBAA assessments are apportioned on the basis of proportionate stormwater runoff generated by each parcel. This method of assessment is consistent with State law and the District Act. The amount of benefit is computed based upon parcel size (acreage) and use classification. A single-family residential structure on a 7,200 square foot lot (1/6 of an acre) is defined as one benefit assessment unit (BAU). The BAUs for other types of land use are calculated in proportion to the amount of runoff generated by a single-family residence on a 7,200 square foot lot.

In comparison with a typical single family residence, industrial and commercial properties typically generate more stormwater runoff and higher pollutant loads on a per acre basis. Thus, industrial/commercial parcels are assessed at a higher rate per acre than residential parcels. Because agricultural discharges are currently exempt under the NPDES Permit regulations, parcels within the SAWBAA that are used for agricultural purposes are exempted from the assessment. Vacant, undeveloped parcels are not assessed because they are considered to generate no increase in pollutant loading. Additionally, certain large undeveloped tracts of land such as Federal or State owned forest are excluded from the SAWBAA. A more detailed discussion of the apportionment methodology is presented in Appendix B.

CURRENT YEAR ASSESSMENTS (FY 2016-2017)

In July 2016, the District's Board of Supervisors confirmed a benefit assessment rate for FY 2016-2017 of \$3.75 per BAU. Following is a summary of FY 2016-2017 assessments:

Rate	Billed Parcels	BAUs	Assessments	Corrections	Amount Paid*
\$3.75	376,047	672,442	\$2,519,457	\$16,571	\$2,469,097

* Through April 30, 2017

Property owners may request a review of their assessment(s) by contacting the District. District staff considers each request by reviewing readily available information such as Assessor's parcel maps, aerial photographs, and, when necessary, conducting site visits. The Auditor/Controller is notified of any needed corrections and a new tax bill is issued or, in cases where the assessment has been paid, a refund is made. Last year, there were five parcels which had their assessment reduced for a combined total amount of \$16,571. The parcels were determined to be large acreage parcels with only small sections of the total acreage developed. As such, the parcels had adjustments to their assessments to account for the developed portions only.

RECOMMENDED BENEFIT ASSESSMENT RATES (FY 2017-2018)

The District recommends that for FY 2017-2018, the SAWBAA assessment rate remain unchanged at \$3.75 per BAU. This BAU rate would result in an equivalent charge per acre for the following land uses:

Group	Land Use Category	BAU/Acre	Assessment Rate*
A	Industrial/Commercial	12	\$45.00/acre
B	Apartments/Mobile Home Parks, Churches and Schools	9	\$33.75/acre
C	Single-family Residential	6**	\$22.50/acre
D	Agricultural/Vacant Undeveloped	Exempt	\$0.00/acre
E	Golf Courses	0.10	\$0.38/acre
F	Undeveloped Portions of Parcels	0.05	\$0.19/acre

* Refer to Appendix B for a detailed discussion of the Benefit Assessment methodology.

** 1 BAU per single-family residence, assuming six equally sized residential parcels per acre.

The projected revenue for FY 2017-2018, using the proposed benefit assessment rate of \$3.75 per BAU is as follows:

Rate	Parcels ⁽¹⁾	BAUs	Assessment ⁽¹⁾⁽²⁾	Projected Revenue ⁽³⁾
\$3.75	376,042	668,033	\$2,502,886	\$2,377,742

⁽¹⁾ Based on FY 2015-2016 Assessor's information.

⁽²⁾ Totals may vary due to rounding.

⁽³⁾ Assumes a 5.0% delinquency rate

The projected revenue along with a portion of the end of year balance from FY 2016-2017 will fund the District's NPDES Stormwater Management Program activities for the Santa Ana Watershed area in FY 2017-2018. The proposed FY 2017-2018 budget is presented in Appendix A.

During the early years of the NPDES Program, there were many uncertainties regarding start-up costs (consultant costs, amount of sampling that would be required, overall program scope, etc.) since the program was new for both the regulatory authorities and the Permittees. Consequently, the initial assessment rates were set conservatively to ensure that all Permit obligations could be met. To date, the District has been able to maintain a modest fund balance since the benefit assessments were first levied in FY 1991-1992. The District is maintaining the current assessment rate while sustaining required expenditure levels that are slightly above projected revenues, which should gradually reduce the fund balance. It should also be that the current trend in California is toward more stringent regulation of municipal stormwater runoff. Thus, it is expected that the District's NPDES Permit compliance costs will increase over the coming years.

ASSESSMENT ROLL

The SAWBAA Assessment Roll provides a listing by Assessor's Parcel Numbers of the proposed FY 2017-2018 Benefit Assessment to be levied on each parcel of property in the SAWBAA. The Assessment Roll is identified as Appendix D and incorporated herein by this reference. This Engineer's Report along with the SAWBAA Assessment Roll, will be placed at the following locations for review by the public:

Clerk of the Board of Supervisors
4080 Lemon Street, 1st floor
Riverside, CA 92501

Riverside County Flood Control
and Water Conservation District
1995 Market Street
Riverside, CA 92501

City of Corona
400 South Vicentia Avenue, 1st floor
Corona, CA 92882

City of Hemet
445 East Florida Avenue
Hemet, CA 92543

City of Lake Elsinore
130 S. Main Street
Lake Elsinore, CA 92530

This Engineer's Report may also be viewed and/or downloaded at
<http://rcflood.org/NPDES/SantaAnaWS.aspx>

NPDES PROGRAM HIGHLIGHTS (FY 2016-2017)

For the year ending June 30, 2017, the following major tasks and activities were accomplished in compliance with the 2010 Santa Ana MS4 Permit:

- A. The most significant activity conducted during FY 2016-2017 was the continued development of the following Watershed Action Plan (WAP) components: the Regional Geodatabase, Hydromodification Susceptibility Mapping and Report, and the Hydromodification Management Plan (HMP). Per 2010 MS4 Permit requirements, a draft WAP was submitted by the Permittees for Regional Board approval on January 29, 2013. Since then, the District, on behalf of the Permittees, continued to meet with the Regional Board to finalize the WAP and supporting hydromodification documents. The WAP and supporting documents were approved by the Regional Board on April 20, 2017.
- B. Continued implementation of the Water Quality Management Plan (WQMP) Template and Guidance documents for new development, and the Low Impact Development (LID) Guidance and Standards for Transportation Projects. The Regional Board required both development of the TPG and revision of the WQMP to incorporate an increased focus on LID design practices and Best Management Practices (BMPs).
- C. Continued participation in the Lake Elsinore/Canyon Lake Nutrient TMDL Task Force. The Task Force is comprised of stakeholders regulated by the Regional Board through the Lake Elsinore/Canyon Lake Nutrient TMDL (LE/CL TMDL), which was adopted on December 17, 2004. The District also participates in another TMDL Task Force for the Reach 3 Santa Ana River Pathogen Indicator TMDL (MSAR TMDL), which was adopted on August 26, 2005. The purpose of both Task Forces is to implement joint requirements of the TMDLs, to address these impairments and implement the TMDLs. The agreements for both Task Forces were recently renewed. The LE/CL TMDL agreement expires June 30, 2017 and will be extended to June 30, 2020 with an option to extend an additional two (2) years to June 30, 2022. The MSAR TMDL agreement expires December 1, 2017 for the MSAR TMDL Task Force but it will be extended for an additional five (5) years.
- D. The Permittees utilized the LE/CL TMDL Task Force to implement the approved Comprehensive Nutrient Reduction Plan (CNRP) which includes an alum treatment project for Canyon Lake, as well as the continued funding and aeration of the Lake Elsinore Aeration and Mixing System. The services of a consultant (Amec Foster Wheeler) were secured to perform monitoring requirements of the LE/CL TMDL Phase 2 Compliance Monitoring Program.
- E. The Permittees utilized the MSAR TMDL Task Force Agreement to facilitate the hiring of a consultant to aid in the implementation of the Comprehensive Bacteria Reduction Plan (CBRP) for those Permittees named in the TMDL within Riverside County. The CBRP was approved at the February 10, 2012 Regional Board meeting and is currently in the implementation phase and will be updated as necessary once a new MS4 Permit is approved. Specifically, the consultant (CDM Smith, Inc.) was contracted to develop a monitoring program to identify and quantify uncontrollable sources of bacteria in the Middle Santa Ana River Watershed. The consultant finished field monitoring activities in January 2016. A final report was completed in June 2016.

- F. Permittees identified locations that are suitable to implement structural BMPs to manage dry weather flows and reduce bacterial indicators in downstream waters. Preliminary geotechnical analysis and design of these sites is currently being performed. Current projects being worked on are Eastvale MDP Line D and Line E. Both projects will focus on eliminating dry weather flows to help eliminate bacteria contributions to the MSAR. A Preliminary Design Report will be completed by the end of 2017 outlining suitable alternatives to design.
- G. Continued participation in the Stormwater Quality Standards Task Force. The Task Force has developed the necessary information to amend the Santa Ana Basin Plan to include a high flow suspension of REC-1 uses, and also revisions to designated uses for selection of waterbody segments where a Use Attainability Analysis was completed. The Regional Board approved the Basin Plan Amendment (BPA) to revise recreation standard for inland fresh waters in the Santa Ana Region in June 2012, and the State Board subsequently approved the Basin Plan Amendment in January 2014. The Office of Administrative Law (OAL) approved the Basin Plan Amendment in July 2014. Following OAL approval in April 2015, EPA Region IX issued a decision letter approving parts of the amendments. The BPA requires establishment of a comprehensive monitoring program to support implementation of the changes to the Basin Plan for the entire Santa Ana Basin. Most recently, the Task Force developed a Regional Bacteria Monitoring Plan (RMP) to fulfill these monitoring and surveillance requirements of the BPA as well as continue to conduct sampling to support implementation of the Middle Santa Ana River (MSAR) Bacterial Indicator Total Maximum Daily Load (TMDL). The RMP prioritizes monitoring activities in waterbodies where significant recreational use frequently occurs, posing a greater potential risk to public health, by categorizing inland surface waters into Tiers and associated monitoring priority classifications. The RMP was approved by the Regional Board on March 11, 2016 and implementation of the RMP began in May 2016. This monitoring effort will supersede the monitoring efforts of the watershed-wide compliance monitoring program for the MSAR Bacteria TMDL.
- H. Continued identifying and tracking impending draft policies and proposed legislation to inform regulators, policy makers, and the Permittees of potential impacts to the Permit program or to any of its specific components.
- I. Developed and submitted a completed test claim on the 2010 MS4 Permit, pursuant to request from the Commission on State Mandates. In light of a recent Supreme Court ruling, the Commission agreed to review the original test claim filed by the SAR Co-Permittees in 2011 regarding costs incurred for 2010 MS4 Permit provisions which may be eligible for reimbursement from the state. The completed test claim was submitted to the Commission on March 28, 2017.
- J. Continued participation in the Santa Ana "One Water One Watershed" (OWOW) planning process which focuses on establishing regional solutions for water problems within the Santa Ana Watershed and is intended to develop linkages between all water interests. The objective of OWOW is to encourage and secure resources for the development of multi-benefit projects that use resources and expertise from across disciplines. The Santa Ana Watershed Project Authority (SAWPA) is the administrator of the OWOW planning process.

- K. Continued to chair the Santa Ana Technical Advisory Committee, which is comprised of Permittees, members of the Regional Board staff, and interested parties. The Permittees coordinate their Urban Runoff management activities to work toward achieving the greatest protection of Receiving Water quality. This committee serves as a forum to effectively disseminate information, discuss regional and statewide program issues, and plan and coordinate Permittee actions to achieve compliance with the NPDES MS4 Permit.
- L. Continuation of the Permittees' Management Steering Committee meetings, which consist of the Permittee's City Managers, Directors of Public Works, and other essential municipal staff. The committee is a Permit requirement, which was established to address Urban Runoff management policies for the Permit Area, and coordinate the review and necessary revisions to the DAMP, Implementation Agreement, and development of the WQMP. In addition, the Management Steering Committee facilitates coordination with related water quality management programs and monitoring. It also responds to new legislative and regulatory initiatives.
- M. Continued financial support to area-wide stormwater pollution prevention programs, including the Household Hazardous Waste (HHW) temporary and permanent collection events and the "ABOP" (Anti-freeze, Batteries, Oil, and Paint) Program.
- N. Developed, prepared, and submitted a comprehensive District Annual Report and Watershed Annual Report to the Regional Board.
- O. Continued to utilize the District's LID Project to test and demonstrate stormwater capture, management, and treatment using LID practices. This project implements a variety of LID BMPs, and provides a facility in a centralized location which is convenient for educating residents, regulators, developers, municipal employees, engineers, and other interested stakeholders from many Southern California communities. Since completion of the LID Project, District staff have provided dozens of informational project tours.
- P. The District continues to review and update the LID BMP Design Manual, which is focused on landscape-based BMPs and infiltration BMPs capable of addressing identified water quality impairments in the Santa Ana and Santa Margarita Watersheds. The LID BMP Design Manual is available on the District's website.
- Q. Continued compliance with the Aquatic Weed Control NPDES Permit. Compliance with this Permit is required for vegetation control activities which utilize application of aquatic herbicides on District facilities. Vegetation control is an essential part of the District's routine maintenance activities in order to ensure that its facilities continue to provide the design level of flood protection to which they were constructed and minimize or prevent loss of life and property. Compliance with the Aquatic Weed Control NPDES Permit includes maintaining an aquatic pesticide application plan, implementing BMPs to minimize potential impacts from use of herbicides, monitoring for impacts to water quality, and submittal of an annual report to the Regional Board, State Water Board, and EPA.
- R. Continued collection and analysis of water quality samples in accordance with the Permit's Monitoring and Reporting Program via the Consolidated Monitoring Program (CMP) for water quality monitoring. Water quality samples are collected during dry and wet weather at MS4 outfalls and receiving water stations, and are analyzed for required constituents to ensure compliance with the 2010 MS4 Permit.

- S. The CMP for water quality monitoring describes the monitoring efforts that will be implemented to comply with the County's three MS4 Permits. Specifically, the Santa Ana Region Monitoring Plan (CMP Volume IV) was updated in August 2012 to comply with the 2010 MS4 Permit. It is reviewed annually, and was updated July 2014, and again in November 2014 with minor errata to reflect current methods and improvements based on program information. Minor corrections were made to Water Quality Objective tables to reflect the Basin Plan update. The 2014 CMP updates are applicable to the 2016-2017 monitoring year. The CMP includes procedures for collection and analysis of water quality samples at MS4 outfalls and receiving waters sites for a variety of constituents. The CMP also makes reference to other monitoring efforts that are implemented within the SAR, such as the LE/CL TMDL, MSAR TMDL, Hydromodification Monitoring, LID Monitoring, and participation in the Regional Watershed Monitoring through membership with the Southern California Stormwater Monitoring Coalition (SMC). These additional monitoring components and Special Studies have stand-alone work plans that have been developed and approved for these components independently of the CMP.
- T. Continued participation in the SMC, a regional monitoring group comprised of Southern California Phase 1 Municipal NPDES Permit holders whose focus is developing effective, meaningful stormwater quality monitoring techniques. The goal of the SMC is to develop the technical information necessary to better understand stormwater mechanisms and impacts and then develop the tools that will effectively and efficiently improve stormwater decision-making. The SMC develops and funds cooperative projects to improve the knowledge of stormwater quality management and reports on the progress of those projects on an annual basis (<http://socalsmc.org/>).
- U. Continued coordination with the SMC on a five-year southern California bioassessment monitoring program. The SMC regional monitoring program was created in response to the need for a more holistic and coordinated approach for gathering information about the health of streams in southern California both for compliance purposes and data-sharing purposes as streams are an important natural resource. The study is designed to answer questions essential to watershed management. Answering these questions at the regional scale provides resource managers with the ability to contextualize their programs and improve understanding of the effectiveness of management actions, prioritization of streams most in need of protection, and identification of stressors that are likely to pose the greatest risk to stream health. Based on the findings and lessons learned from the 2009-2013 regional monitoring effort a revised study design has commenced for 2015-2019. Four stations are being monitored for the bioassessment in SAR, for meeting both the bioassessment requirement and jointly demonstrating participation in the SMC per the requirements of the 2010 Permit.
- V. Continued participation in the California Stormwater Quality Association (CASQA). To date, the District has served as Executive Committee Member, Legislative Co-Chair, Monitoring and Science subcommittee Co-Chair, and active member on the Policy and Permitting subcommittee and the BMP subcommittee. The Monitoring and Science subcommittee is tasked with developing priorities pertinent to research and monitoring, establishing partnerships, and seeking funding mechanisms. The Policy and Permitting subcommittee is tasked with providing comments and testimony on State, USEPA, and precedent-setting regional initiatives in addition to advocating the development of

statewide stormwater policies. The BMP subcommittee is tasked with tracking and providing current and relevant information and updates on existing and developing BMPs. On behalf of the Riverside County Co-Permittees, the District remains active within CASQA; specifically, Darcy Kuenzi currently serves as Legislative Co-Chair and Rebekah Guill serves as the Monitoring and Science Co-Chair. District staff also actively participates in the Pesticides, BMP, and Policy and Permitting subcommittees.

- W. Continued participation in the CASQA Pesticides subcommittee. This subcommittee is tasked with facilitating changes to State and Federal pesticides regulations that could potentially improve processes for evaluating the environmental impacts of new pesticides on receiving waters. It is also focused on changing labeling and use requirements for existing pesticides, such as pyrethroids. This subcommittee has collaborated with the Water Boards in a coordinated statewide effort, referred to as the Urban Pesticides Pollution Prevention Partnership. The goal is to address the impacts of pesticides efficiently and proactively through the statutory authority of the Department of Pesticide Regulation and EPA's Office of Pesticide.
- X. Continued presentation of semi-annual municipal employee stormwater training programs. These training classes focus on the requisite knowledge for properly implementing the DAMP and WQMP, and address Permittee functions such as development planning, municipal activities, industrial/commercial inspections, and construction inspections. Fall and spring training classes were held in each of the three Permit regions in order to provide close proximity to each Permittee group.
- Y. Continued providing stormwater pollution prevention education and outreach by conducting educational presentations in local elementary schools throughout the County; participating in the annual Date Festival; supporting Permittee-sponsored community events such as Earth Day; and distributing BMP brochures addressing pollution prevention, recycling, proper disposal of household hazardous waste, runoff from construction activities, pet care, swimming pool discharges, jacuzzi and garden fountain maintenance, septic tank upkeep, professional mobile services, landscape and gardening activities, the "Do's-and-Dont's" of outdoor cleaning, and proper housekeeping practices for automotive facilities, restaurants, and commercial/industrial facilities.
- Z. Continued to chair the Public Education Subcommittee. Meetings include Permittee representation from each watershed to review elements of regional public education programs and program materials.
- AA. Continued operating and maintaining the District's NPDES website which provides information, resources, and important links for the Permittees, regulators, developers, business owners, the public, and in-house staff regarding the Permit, its compliance programs, compliance documents, monitoring and sampling, education and outreach, and more. The District has also redesigned its Public Education webpage and reformatted the contents to be more effective at providing usable and interactive data that ultimately enhances the quality of the information.

PROGRAM / WORK ITEMS (FY 2017-2018)

The 2010 MS4 Permit incorporated several programs addressing LID, hydromodification, Permittee public works projects, illicit discharge detection and elimination, mobile businesses, watershed scale planning, urban and MS4 retrofit, De-Minimus and General Construction Permit coordination, and program effectiveness assessment. Most resources in FY 2017-2018 will be spent on developing the fifth-term MS4 Permit, which looks to build upon the programs and requirements established by the 2010 MS4 Permit. Additionally, the Permittees must focus on implementation of all components of the WAP.

The District also continues to work with Regional Board staff on implementation of TMDLs for certain pollutants identified as causing impairment of beneficial uses in Lake Elsinore, Canyon Lake, and the Santa Ana River. The TMDLs contain implementation plans that impact MS4 Permittees and that must be funded and addressed by the Permittees. The implementation plans also affect other watershed stakeholders, private landowners, and other local, state and federal government entities. Several implementation plan programs must be jointly funded and implemented by multiple stakeholders. The District will continue to spend significant resources coordinating TMDL Task Forces to address joint TMDL requirements, participating in Task Force and Regional Board meetings, and coordinating and commenting on technical reports and studies required by the implementation plans.

The following program activities will be emphasized for the coming year:

New MS4 Permit Development

The Permittee's ROWD was submitted on July 29, 2014; the 2010 MS4 Permit expired on January 29, 2015 and was administratively extended until the effective date of the new permit. Permit negotiations are the program's primary focal point throughout FY 2017-2018.

LID Project

Construction of the District's LID Project was completed in Spring of 2012; this project implements a variety of LID BMPs, and is being used to test and demonstrate stormwater capture, management, and treatment using LID practices. The project continues to provide a facility in a centralized location, which is convenient for educating residents, regulators, developers, municipal employees, engineers, and other interested stakeholders from many Southern California communities.

Aquatic Weed Control NPDES Permit Compliance

Compliance with the Aquatic Weed Control NPDES Permit is required for vegetation control activities which utilize application of aquatic herbicides on District facilities. Vegetation control is an essential part of the District's routine maintenance activities in order to ensure that its facilities continue to provide the design level of flood protection to which they were constructed and minimize or prevent loss of life and property. Compliance with the Aquatic Weed Control NPDES Permit includes maintaining an aquatic pesticide application plan, implementing BMPs to minimize potential impacts from the use of herbicides, monitoring for impacts to water quality, and submittal of an annual report to the Regional Board and State Water Board.

MS4 Program Management

As Principal Permittee, the District conducts certain activities to coordinate the efforts of the Co-Permittees and facilitates compliance with the Permit. These activities include chairing monthly meetings of the Santa Ana Technical Advisory Committee, administration of area-wide programs (e.g., public education, HHW collection, hazardous material spill response, stormwater sample collection and analysis), ongoing program development and preparation of the Annual Report to the Regional Board. The District will also continue to focus its efforts on identifying and commenting on statewide issues that affect local stormwater programs.

Area-Wide MS4 Programs

The District will continue to provide financial support for several important "area-wide" BMP programs implemented on behalf of the Permittees. The programs currently include:

Public Education

The District provides for coordination and oversight of the area-wide NPDES public education and outreach efforts, including public events, school and adult education programs, printed brochures, and commercial mass-media campaigns. This includes continued development and distribution of focused educational outreach materials for specific industries and businesses such as restaurants, auto repair shops, mobile cleaning businesses, and other industrial activities that are potential sources of stormwater pollution.

Training for Municipal Employees

Municipal training classes are provided to improve understanding of NPDES Permit requirements and stormwater BMPs. The classes focus on methods to reduce and/or eliminate sources of stormwater pollution from public agency facilities and activities, implementation of the WQMP and Transportation Project Guidance (TPG), local stormwater ordinances, and State Construction and Industrial General Permit requirements. Training is conducted specifically for construction inspection staff, industrial/commercial facilities inspection staff, municipal facilities maintenance staff, and staff responsible for new development/redevelopment project review.

Household Hazardous Waste Collection/ABOP

The District and Co-Permittees provide financial support to the Riverside County Department of Waste Resources to support the permanent HHW collection sites at Agua Mansa and Lake Elsinore, ongoing mobile HHW collection events and operation of the ABOP program, all of which provide local residents with opportunities to properly dispose of HHW.

Water Quality Monitoring

On behalf of all Permittees, the District conducts both wet and dry weather sample collection and analysis in accordance with the Permit's Monitoring and Reporting Program. Coordinating and conducting monitoring in compliance with the Regional Board's TMDL for Lake Elsinore, Canyon Lake, and Reach 3 of the Santa Ana River has resulted in additional demands being placed on the current Water Quality Monitoring Program. The approval of the BPA for water contact beneficial use designations required a new RMP for TMDL compliance. The RMP was approved by the Regional Board on March 11, 2016 and is currently being implemented by the MSAR Task Force. This monitoring effort will supersede the efforts of the watershed-wide compliance monitoring program for the MSAR Bacteria TMDL.

Watershed Action Plan (WAP)

The WAP describes and implements the Permittees' approach to coordinated watershed management. The objective of the WAP is to address watershed-scale water quality impacts of urbanization associated with urban TMDL waste load allocations, stream system vulnerability to hydromodification from urban runoff, cumulative impacts of development on vulnerable streams, preservation of beneficial uses of streams, and protection of water resources, including groundwater recharge areas. The WAP document includes the following:

1. Hydromodification Susceptibility Mapping - delineation of stream channels that are vulnerable to hydromodification.
2. Regional Geodatabase – an integrated, World Wide Web available Geodatabase and web interface. The web interface is designed to allow for the input of a project location/area, and then output a report of design related constraints and information specific to that project, such as watershed and hydrologic subarea(s), downstream receiving waters including hydromodification susceptibility and 303(d) listed pollutants, soil types, structural post-construction BMPs suitable for the site based on the previously listed constraints, MSHCP areas, flood zones, land use designations, District Master/Area Drainage Plans, MS4 facilities, etc.
3. Hydromodification Management Plan – describes how the hydromodification mapping described above will be used on a per project, subwatershed and watershed basis.
4. Hydromodification Management Plan Evaluation Program - established to assess the effectiveness of efforts to manage increases in runoff volumes and discharge rates from new development or significant redevelopment projects through the implementation of the SAR HMP. The overall goal of the HMP Evaluation Program is to ensure that the natural geomorphologic processes in channel systems are maintained as development occurs.
5. Retrofit Studies - recommendations to identify candidate areas for retrofits within existing public and private MS4s, parks and recreational areas, and that incorporate opportunities for addressing TMDL implementation plans, hydromodification from urban runoff, LID implementation and pollutant discharge reduction.
6. Causes of Degradation and Aggradation in the Santa Ana Region - identifies potential causes of stream degradation and aggradation in the region. This technical memorandum is part of a larger study for the Permittees to develop the SAR HMP.

Per 2010 MS4 Permit requirements, a draft WAP was submitted by the Permittees for Regional Board approval on January 29, 2013. The District, on behalf of the Permittees, has been meeting with the Regional Board to finalize the WAP and supporting hydromodification documents. The WAP and supporting documents were approved by the Regional Board on April 20, 2017, a major focus during the coming fiscal year will be implementation and maintenance of the various WAP components.

Total Maximum Daily Loads (TMDLs)

The 2010 MS4 Permit directly incorporates two TMDLs that have been established for the Santa Ana Region of Riverside County, namely the Middle Santa Ana River Bacteria Indicator TMDL and the LE/CL Nutrient TMDL. The 2010 MS4 Permit incorporates interim and final Water Quality Based Effluent Limitations (WQBELs) specified in the TMDLs. The interim WQBELs are established based on the TMDL Implementation Plans. The final WQBELs are based on the Comprehensive Bacteria Reduction Plan (CBRP) for the MSAR TMDL and the Comprehensive Nutrient Reduction Plan (CNRP) for the LE/CL TMDL (Reduction Plans); these documents were developed by the Permittees and approved by the Regional Board. The CBRP was approved in February 2012; TMDL compliance is now based upon CBRP implementation. The CNRP was approved at the July 19, 2013 Regional Board meeting.

The MSAR TMDL Permittees will continue implementation of the CBRP in the upcoming fiscal year. As part of the continued effort to implement the CBRP, the Permittees continue identifying locations suitable for the construction of BMPs to address and manage dry weather flows and bacteria indicators.

In compliance with the LE/CL TMDL, the Permittees will continue implementation of the CNRP in the upcoming fiscal year. As part of CNRP implementation, the Permittees are working with the LE/CL TMDL Task Force to fund and administer in-lake projects at Canyon Lake and Lake Elsinore. The LE/CL TMDL is currently being revised by the Task Force with the help of Risk Sciences and CDM Smith. The aim of the revision is to have a pragmatic approach to the LE/CL TMDL that takes into account the unique factors of the Canyon Lake and Lake Elsinore watersheds. A land use study was completed in 2016 to represent the current developed condition in the watershed. This updated information will help with future modeling and cost sharing of the LE/CL TMDL Permittees.

Municipal Facilities and Activities

Continued to implement the provisions of the NPDES Permit's Municipal Facilities Strategy as described in the DAMP, including improvements to structural facilities at the District's headquarters, municipal employee training activities, and reduction and/or elimination of stormwater pollution sources at public agency facilities.

CONCLUSIONS AND RECOMMENDATIONS

The area-wide Municipal Stormwater Program for the Santa Ana Watershed has been implemented in an efficient, cost-effective manner through the ongoing cooperative efforts of the District, the Co-Permittees, the Regional Board, the Riverside County Fire Department, and the Riverside County Department of Waste Resources. The District's NPDES Program activities, which are funded by these SAWBAA assessments, are required to comply with the current NPDES Permit for the Santa Ana Watershed and enforceable provisions of the California Water Code and the Federal Clean Water Act which regulate the discharge of stormwater from municipally owned storm drains and flood control facilities. These mandatory Stormwater Management Program activities are an essential component of the District's continuing operation and maintenance of its critical public safety facilities; therefore, the following action is recommended:

Levy a Flood Control Benefit Assessment in the Santa Ana Watershed Benefit Assessment Area at an unchanged rate of \$3.75 per benefit assessment unit for FY 2017-2018.

P8/212729

GLOSSARY

ABOP – Anti-freeze, Batteries, Oil, Paint

BAU – Benefit Assessment Unit

BMP – Best Management Practice

BPA– Basin Plan Amendment

CASQA– California Stormwater Quality Association

CBRP - Comprehensive Bacteria Reduction Plan

CDEH – Riverside County Department of Environmental Health

CNRP – Comprehensive Nutrient Reduction Plan

CMP – Consolidated Monitoring Plan

CRWQCB - California Regional Water Quality Control Board

CWA – Clean Water Act

District – Riverside County Flood Control and Water Conservation District

EPA – Environmental Protection Agency

FY – Fiscal Year

HAZMAT Team – Hazardous Materials Emergency Response Team

HHW – Household Hazardous Waste

HMP – Hydromodification Management Plan

LE/CL – Lake Elsinore/Canyon Lake

LID – Low Impact Development

LIP – Local Implementation Plan

MSAR – Middle Santa Ana River

NPDES – National Pollutant Discharge Elimination System

OAL – Office of Administrative Law

Order R8-2010-0033 - Santa Ana Regional Board Order adopted on January 29, 2010

Regional Board - California Regional Water Quality Control Board – Santa Ana Region

RMP – Regional Bacteria Monitoring Plan

ROWD – Report of Waste Discharge (NPDES Permit Re-application)

SA DAMP – Santa Ana Drainage Area Management Plan

SAWBAA – Santa Ana Watershed Benefit Assessment Area

SAWPA – Santa Ana Watershed Project Authority

SCCRWP– Southern California Coastal Water Research Project

SMC- Southern California Stormwater Monitoring Coalition

SWRCB – State Water Resources Control Board

TPG – Transportation Project Guidance document

TMDL - Total Maximum Daily Load

USEPA – United States Environmental Protection Agency

WAP – Watershed Action Plan

WQBELS – Water Quality Based Effluent Limitations

WQMP – Water Quality Management Plan

APPENDIX A

Proposed NPDES Program Budget (FY 2017-2018)

APPENDIX A
SANTA ANA WATERSHED BENEFIT ASSESSMENT AREA
PROPOSED NPDES PROGRAM BUDGET FOR FY 2017-2018

EXPENDITURES

STAFFING

General Staff Salaries and Benefits	\$914,092
General Staff Standby / Differential / Overtime Pay	<u>18,000</u>
Subtotal	\$932,092

ADMINISTRATION & OVERHEAD

Administration & Overhead	\$382,106
County Counsel Services	4,000
Equipment Lease / Rental	1,000
Vehicle Mileage	10,000
Photocopying / Reproduction	2,400
Miscellaneous (Photography, Communications, Supplies, etc.)	<u>52,380</u>
Subtotal	\$451,886

GENERAL CONSULTANT SERVICES

Permit Compliance Assistance	\$195,000
CNRP/CBRP Support	20,000
District LID Project Support	15,000
Grants / Misc. Applications	20,000
Benefit Assessment Services	<u>26,000</u>
Subtotal	\$276,000

PUBLIC EDUCATION PROGRAM

Education Program: Staff / Contract Services / Presentations	\$162,600
Education Program: Production / Materials / Media	<u>161,570</u>
Subtotal	\$324,170

WATER QUALITY MONITORING PROGRAM

Staff Time / Laboratory Services / Monitoring / Reporting	\$339,000
Small Tools & Equipment	<u>76,500</u>
Subtotal	\$415,500

POLLUTION PREVENTION PROGRAMS

Household Hazardous Waste Program (Department of Waste Resources)	240,000
Southern California Water Committee	15,000
TMDL Cooperative Projects	20,000
MISC SMC or Other Projects	20,000
SMC 5-yr Agreement	20,000
Contributions to other efforts	<u>40,130</u>
Subtotal	\$355,130

PROGRAM SUBTOTAL

\$2,754,778

CONTINGENCY (10%)	\$275,478
Assessor's/Treasurer's Office Line Item Charges (\$0.42/parcel)	\$157,938
County Fee for Annual Submittal	<u>\$130</u>

TOTAL EXPENDITURES

\$3,188,324

REVENUES

FUND BALANCE FROM FY 2016-2017 (est.)	\$6,530,135
PROJECTED REVENUE	\$2,260,000
PERMITTEE REIMBURSEMENTS	<u>\$517,000</u>

TOTAL REVENUE

\$9,307,135

PROJECTED FUND BALANCE

\$6,118,811

APPENDIX B

RCFC&WCD Ordinance No. 14 (May 14, 1991)

APPENDIX C

Map of Santa Ana Watershed Benefit Assessment Area

APPENDIX D

**SAWBAA Assessment Roll (FY 2017-2018)
(Under Separate Cover)**



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NOTICE OF PUBLIC HEARING BEFORE THE BOARD OF
SUPERVISORS
OF RIVERSIDE COUNTY FLOOD CONTROL AND WATER
CONSERVATION DISTRICT ON THE NPDES BENEFIT
ASSESSMENT PROGRAM FOR

THE SANTA ANA WATERSHED BENEFIT ASSESSMENT AREA

NOTICE IS HEREBY GIVEN that a public hearing at which all interested persons will be heard, will be held before the Board of Supervisors of Riverside County, California, acting as the governing board of the Riverside County Flood Control and Water Conservation District, County Administrative Center, 4080 Lemon Street, Riverside, California, on **July 11, 2017 at 9:00 a.m.** or soon thereafter, relative to the Flood Control Engineer's Report on the NPDES Program for the Santa Ana Watershed Benefit Assessment Area. The Board will hear and consider all protests with regard to the program, if any, including protests with regard to the amount of the proposed assessment to be levied. At the conclusion of the hearing, the Board may adopt, revise, change, reduce, or modify any assessment and shall make its determination upon each assessment described in the report for Fiscal Year 2017-18.

NOTICE IS FURTHER GIVEN that, pursuant to statutory authorization, a written report by the Chief Engineer of the District describing the Benefit Assessment Program has been filed with the Clerk of the District's Board. The report contains a description of each parcel of property within the boundaries of the Santa Ana Watershed Benefit Assessment Area of the District on which a benefit assessment is proposed to be levied, and sets forth the amount of the proposed benefit assessment for each such parcel. The report contains a schedule of the benefit assessment rates for the 2017-18 Fiscal Year. Copies of the report, together with copies of the assessment rolls for the Santa Ana Watershed Benefit Assessment Area and the official Riverside County Assessor's Map Books, are on file and available for review by the public at the office of the Clerk of the District's Board at the County Administrative Center, 4080 Lemon Street, Riverside, California; the District's office at 1995 Market Street, Riverside, California; the City Clerk's Office at the City of Hemet, 445 E. Florida Avenue, Hemet, California; the City Clerk's Office at the City of Corona, 400 S. Vicentia Avenue, Corona, California; and the City Clerk's Office at the City Lake Elsinore, 130 S. Main Street, Lake Elsinore, California. By reference to the Chief Engineer's report, the assessment rolls, and the map books, each property owner may verify the area of his or her parcel, its land use, and the amount of the 2017-18 Benefit Assessment.

NOTICE IS FURTHER GIVEN THAT the proposed benefit assessment rate for Fiscal Year 2017-18 is the same benefit assessment rate as Fiscal Year 1996-97 and all subsequent years.

Please send all written correspondence to: Clerk of the Board, 4080 Lemon Street, 1st Floor
Post Office Box 1147, Riverside, Ca 92502-1147.

Alternative formats available upon request to individuals with disabilities. If you require reasonable accommodation, please contact Lisa Wagner at (951) 955-1063, 72 hours prior to the hearing.

Dated: June 22, 2017 Kecia Harper-Ihem, Clerk of the Board
By: Cecilia Gil, Board Assistant

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