

RESOLUTION No. 2019- 17

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN DIEGO COUNTY WATER AUTHORITY
AUTHORIZING THE GENERAL MANAGER OR HER
DESIGNEE TO SUBMIT A 2019 IRWM PROPOSITION 1
IMPLEMENTATION GRANT APPLICATION FOR
\$15,346,156, ACCEPT THE GRANT FUNDS THAT ARE
AWARDED, ENTER INTO CONTRACTS TO DISTRIBUTE
THE FUNDS TO PROJECT SPONSORS AND SERVE AS
LEAD AGENCY FOR CALIFORNIA ENVIRONMENTAL
QUALITY ACT COMPLIANCE AS NECESSARY**

WHEREAS, Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Water Code Section 79700 *et seq.*), authorized the California Legislature to appropriate \$510 million to encourage integrated regional water management planning in California; and

WHEREAS, Section 79744(a) of the California Water Code appropriated to the Department of Water Resources funds for integrated regional water management programs, projects and other purposes; and

WHEREAS, DWR is making these funds available through several grant programs; and

WHEREAS, achieving IRWM grant funding will help to achieve the regional water supply goals established in the Water Authority's 2015 Urban Water Management Plan and to prepare the San Diego Region for the impacts of drought; and

WHEREAS, the San Diego Regional Water Management Group will prepare an application for a 2019 IRWM Proposition 1 Implementation Grant to support the development of high-priority water management projects in the San Diego Region; and

WHEREAS, on August 7, 2019, the San Diego Regional Advisory Committee recommended that the Water Authority Board authorize submittal of the San Diego Region's application for a 2019 IRWM Proposition 1 Implementation Grant; and

WHEREAS, the memorandum of understanding that established the San Diego IRWM Program identifies the Water Authority as the program's authorized representative; and

WHEREAS, the Water Authority Board of Directors is the decision-making body for the Water Authority; and

WHEREAS, grant application procedures established by DWR require applicants to provide a copy of a resolution adopted by the applicant's governing body designating an authorized representative to file an application for an IRWM planning grant.

NOW, THEREFORE, the Board of Directors of the San Diego County Water Authority resolves the following:

1. The foregoing facts are true and correct.
2. The General Manager or her designee is authorized to prepare the necessary data, conduct investigations and submit a 2019 IRWM Proposition 1 Implementation Grant application.
3. The General Manager or her designee is authorized to enter into an agreement to receive a 2019 IRWM Proposition 1 Implementation Grant from the California Department of Water Resources.
4. The General Manager or her designee is authorized to accept the grant funds that are awarded and enter into contracts to distribute the awarded grant funds to the project sponsors.


PASSED, APPROVED AND ADOPTED this 26th day of September 2019 by the following vote:

AYES: Unless noted below, all Directors voted Aye.

NOES: None.


ABSTAIN: None.

ABSENT: Barnum, Croucher, Evans (p), Heinrichs,
Kennedy, Lewinger (p), Simpson,
Wilson.



Jim Madaffer
Chair

ATTEST:



Christy Guerin
Secretary

I, Melinda Nelson, Clerk of the Board of the San Diego County Water Authority, certify that the vote shown above is correct and this Resolution No. 2019-17____ was duly adopted at the meeting of the Board of Directors on the date stated above.



Melinda Nelson
Clerk of the Board

**First Amendment to Memorandum of Understanding
Between City of San Diego, County of San Diego and San Diego County Water Authority
for the Integrated Regional Water Management Program
for Fiscal Years 2012-2016**

The Memorandum of Understanding that was executed on September 21, 2011 among the City of San Diego, County of San Diego and San Diego County Water Authority establishing the respective roles of the City, County and Water Authority regarding the San Diego Integrated Regional Water Management Grant Program is hereby amended as follows:

1. Recitals:

a. Add new Recital 4 as follows:

In November 2014, Proposition 1 (Assembly Bill 1471), the Water Quality, Supply, and Infrastructure Improvement Act (Chapter 188, Stats of 2014), authorized the Legislature to appropriate funding for competitive grants for IRWM programs.

b. Amend Recital 9 as follows:

The Parties, acting with support and positive recommendations from the RAC, completed the first San Diego IRWM Plan in 2007. Subsequently, the Parties revised and updated the Plan in 2013, again with support and positive recommendations from the RAC. The Parties have received funding for planning and implementation of projects from the California Department of Water Resources (DWR). Additional funding is available to the San Diego IRWM Program from Proposition 84 and Proposition 1, approved by California voters in 2006 and 2014, respectively.

c. Amend Recital 10 as follows:

To qualify for IRWM funding from Proposition 84 or Proposition 1, a planning region must have an IRWM Plan that complies with the requirements of California Water Code Section 10530.

d. Amend Recitals 4-12 as Recitals 5-13.

2. Amend Section 5 (A), Funding, as follows:

- a. Funding for the period between April 1, 2015 and June 30, 2019 shall not exceed \$1,258,275. Each Party shall provide an equal share of this funding in an amount not to exceed \$419,425.

3. Amend Section 9, Term, as follows:

The term of this MOU shall begin on the date of execution and expire on June 30, 2019 expressly contingent upon funding by Water Authority, City and County. The term may be extended by written agreement of all Parties. The Parties shall continue to participate in the planning, development and coordination of the Plan and Grants to the maximum extent possible. The Parties agree to notify one another in the event that their agency's future budget

appropriations impact Program funding continuity. If appropriations are different than anticipated, the MOU and Program funding shall be adjusted based on actual funding.

4. Amend Section 10, Notice, as follows:

City of San Diego Public Utilities Department
525 B St., Suite 300
San Diego, CA 92101
Attn: Goldamer Herbon

County of San Diego Watershed Protection Program
5510 Overland Ave., Suite 410
San Diego, CA 92123
Attn: Stephanie Gaines

This First Amendment to the MOU may be signed in counterpart by the Parties.

All other terms, covenants, and conditions in the original MOU as amended shall remain in full force and effect and shall be applicable to this amendment.

The individuals executing this amendment to the MOU represent and warrant that they have the legal capacity and authority to do so on behalf of their respective legal entities.

San Diego County
Water Authority

City of San Diego

By: 

Ken Weinberg
Director of Water Resources

By: _____

Stacey LoMedico
Assistant Chief Operating Officer

County of San Diego

By: _____

Richard Crompton
Department of Public Works

By: _____

John M. Pellegrino, Director
Department of Purchasing and Contracting

APPROVED AS TO FORM:

San Diego County
Water Authority

City of San Diego

By: 

General Counsel
San Diego County Water Authority

By: _____

Raymond C. Palmucci
Deputy City Attorney

County of San Diego

By: _____

Norman T. Deak
County Council, Senior Deputy

Date: March 23, 2016

San Diego County
Water Authority


City of San Diego

By: _____
Ken Weinberg
Director of Water Resources

By: _____
Stacey LoMedico
Assistant Chief Operating Officer

County of San Diego

By: 
Richard Crompton
Department of Public Works

By: 
John M. Pellegrino, Director
Department of Purchasing and Contracting

APPROVED AS TO FORM:

San Diego County
Water Authority

City of San Diego

By: _____
General Counsel
San Diego County Water Authority

By: _____
Raymond C. Palmucci
Deputy City Attorney

County of San Diego

By: 
Norman T. Deak
County Council, Senior Deputy

Date: _____

San Diego County
Water Authority

City of San Diego

By: _____
Ken Weinberg
Director of Water Resources

By: 
Paz Gomez
Deputy Chief Operating Officer

County of San Diego

By: _____
Richard Crompton
Department of Public Works

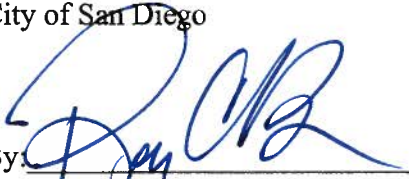
By: _____
John M. Pellegrino, Director
Department of Purchasing and Contracting

APPROVED AS TO FORM:

San Diego County
Water Authority

City of San Diego

By: _____
General Counsel
San Diego County Water Authority

By: 
Raymond C. Palmucci
Deputy City Attorney

County of San Diego

By: _____
Norman T. Deak
County Council, Senior Deputy

Date: _____

**SECOND AMENDMENT TO MEMORANDUM OF UNDERSTANDING
Between City of San Diego, County of San Diego, and San Diego County Water Authority
for the Integrated Regional Water Management Program
for Fiscal Years 2012-2016**

The Memorandum of Understanding executed by the City of San Diego, County of San Diego, and San Diego County Water Authority on or about September 21, 2011, which established the respective roles of the City, County, and Water Authority regarding the San Diego Integrated Regional Water Management Grant Program, and which was amended on or about March 23, 2016, is hereby amended with this Second Amendment, as follows:

1. Amend by replacing old Recital 9 with new Recital 9 as follows:

As part of the public outreach and stakeholder involvement effort, the Parties established the Regional Advisory Committee (RAC), which comprises up to 31 voting and eight non-voting representatives appointed by the Parties from the areas of water supply, water quality, and natural resources/watersheds as well as representatives of the business community, academia, and tribes and other interested members of the public. The purpose of the RAC is to make recommendations to the Parties on key issues related to IRWM planning and grant applications.

2. Amend by adding the following to Section 1, General Obligations:

The Parties have named a Water Authority staff member as Program Manager (Manager) to manage the Program. In addition to being a member of the Regional Water Management Group, the Manager will represent the Regional Water Management Group to the California Department of Water Resources (DWR) and statewide and regional groups involved with Integrated Regional Water Management. The Manager will manage the Program consultant and budget, serve as the Regional Water Management Group's primary point of public contact, and perform other duties as assigned.

3. Amend Section 5, Funding, by replacing Sections 5a and 5b with the new 5a and 5b as follows:
 - a. Funding for the period between April 1, 2015 and December 31, 2020 shall not exceed \$1,570,054, a total that includes \$33,330 to support administration of the Proposition 1 planning grant. Each Party shall provide an equal share of this funding in an amount not to exceed \$523,351. The total funding amount does not include the amount listed in Section 5b. If a Party's contribution was not totally expended in the MOU (March 25, 2009), as amended, that Party shall be credited for the unexpended amount in this MOU.
 - b. In addition to the funding described in Section 5a, each Party shall provide funding to help pay for the cost of the Manager. This amount is not included in the amount listed in Section 5a. Each Party shall provide an equal share of this funding. This cost shall be 30 percent of the Manager's annual salary and benefits, and will be adjusted each year

to reflect any changes to the Manager's annual salary and benefits (not to exceed the annual cost of living adjustment determined as part of the Consolidated Memorandum of Understanding between the Water Authority and its employee bargaining groups and any annual merit increase awarded to the Manager). For FY 2018, 30 percent of the Manager's salary and benefits from the Water Authority will total approximately \$64,642. Each Party's equal share of \$64,642 is \$21,547.33. The funding obligation will be pro-rated in FY 2018, based on when this second amendment is executed.

4. Delete Section 5c in its entirety.
5. Amend Section 5d by renumbering it Section 5c.
6. Amend Section 9, Term, as follows:

The term of this MOU shall begin on the date of execution of September 21, 2011, and expire on December 31, 2020, expressly contingent upon funding by Water Authority, City and County. The term may be extended by written agreement of all Parties. The Parties shall continue to participate in the planning, development, and coordination of the Plan and Grants to the maximum extent possible. The Parties agree to notify one another if their agency's future budget appropriations impact Program funding continuity. If appropriations are different than anticipated, the MOU and Program funding shall be adjusted based on actual funding.

7. Amend Section 10, Notice, as follows:

City of San Diego Public Utilities Department
525 B St., Suite 300
San Diego, CA 92101
Attn: Sarah Brower

6. This Second Amendment to the MOU may be signed in counterpart by the Parties.
7. All other terms, covenants, and conditions in the original MOU as amended shall remain in full force and effect and shall be applicable to this amendment.
8. The individuals executing this amendment to the MOU represent and warrant that they have the legal capacity and authority to do so on behalf of their respective legal entities.

San Diego County
Water Authority

By: Kelley Gage
~~Robert R. Yamada~~ Kelley Gage
Director of Water Resources

City of San Diego

By: Frank A. Romero
Frank A. Romero
Senior Contract Specialist
Public Works Department

County of San Diego

By: _____
Richard Crompton
Department of Public Works

By: _____
John M. Pellegrino, Director
Department of Purchasing and Contracting

APPROVED AS TO FORM:

San Diego County
Water Authority

By: Walter
Assistant General Counsel
San Diego County Water Authority

City of San Diego
MARA W. ELLIOTT, City Attorney

By: Raymond C. Palmucci
Raymond C. Palmucci
Deputy City Attorney

County of San Diego

By: _____
Thomas Deak
County Council, Senior Deputy

Date: _____

San Diego County
Water Authority


City of San Diego

By: _____
Robert R. Yamada
Director of Water Resources

By: _____
Cindy Crocker
Principal Contract Specialist

County of San Diego

By: 
Richard Crompton
Department of Public Works

By:  1/8/19
John M. Pellegrino, Director
Department of Purchasing and Contracting

APPROVED AS TO FORM:

San Diego County
Water Authority

City of San Diego
MARA W. ELLIOTT, City Attorney

By: _____
Assistant General Counsel
San Diego County Water Authority

By: _____
Raymond C. Palmucci
Deputy City Attorney

County of San Diego

By: 
Thomas Deak
County Council, Senior Deputy

Date: ~~6/25/18~~ 1/8/2019
MS,

RESOLUTION No. 2019-15

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN DIEGO COUNTY WATER AUTHORITY ADOPTING
THE 2019 SAN DIEGO INTEGRATED REGIONAL WATER
MANAGEMENT PLAN UPDATE**

WHEREAS, the San Diego Regional Water Management Group (RWMG), in close cooperation with the Regional Advisory Committee (RAC), drafted the 2019 San Diego Integrated Regional Water Management (IRWM) Plan Update to improve the reliability and sustainability of regional supplies; protect water quality, watersheds and natural resources in the region; and promote sustainable IRWM; and

WHEREAS, THE 2019 San Diego IRWM Plan Update revises and expands upon the existing San Diego IRWM Plan, adopted by the San Diego County Water Authority Board of Directors in 2013; and

WHEREAS, the 2019 San Diego IRWM Plan Update defines the San Diego Region as the 11 parallel hydrologic units that discharge to coastal waters in San Diego County; and

WHEREAS, the 2019 San Diego IRWM Plan Update establishes the San Diego IRWM Program's mission, vision, goals, objectives, regional priorities and performance metrics; and

WHEREAS, the 2019 San Diego IRWM Plan Update is the foundation of long-term IRWM planning in the region, fostering coordination, collaboration and communication among governmental agencies with differing jurisdictions and non-profit organizations; and

WHEREAS, DWR has awarded eight IRWM grants totaling \$96.4 million to support 65 water-related projects and two regional planning efforts in the San Diego IRWM Planning Region;

WHEREAS, achieving IRWM grant funding has helped to achieve the regional water supply goals established in the Water Authority's 2015 Urban Water Management Plan; and

WHEREAS, the San Diego RWMG must update the 2013 San Diego IRWM Plan to fulfill new requirements established by the Department of Water Resources (DWR) and maintain eligibility for State grant funds; and

WHEREAS, the Water Authority Board of Directors is the decision-making body for the Water Authority; and

WHEREAS, on June 5, 2019, the RAC unanimously recommended approval of the San Diego IRWM Plan; and

WHEREAS, the Board of Directors has considered reports submitted by Water Authority staff on IRWM Plan development dated Sept. 14, 2016; August 23, 2018; Oct. 24, 2018; and May 23, 2019.

NOW, THEREFORE, the Board of Directors of the San Diego County Water Authority resolves the following:

1. The foregoing facts are true and correct.
2. The Board of Directors adopts the 2019 San Diego Integrated Regional Water Management Plan Update.

PASSED, APPROVED AND ADOPTED, this 25th day of July 2019, by the following vote:

AYES: Unless noted below all Directors voted aye.

NOES: None.

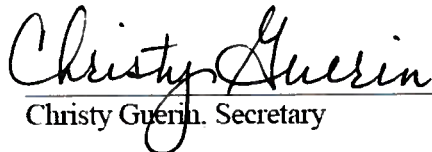
ABSTAIN: None.

ABSENT: Boyle, Hedberg (P), Heinrichs, Kennedy, Lewinger (P), Miller, Mosca, Simpson, and Watkins.



Jim Madaffer, Chair

ATTEST:



Christy Guerin, Secretary

I, Melinda Nelson, Clerk of the Board of the San Diego County Water Authority, certify that the vote shown above is correct and this Resolution No. 2019- 15 was duly adopted at the meeting of the Board of Directors on the date stated above.



Melinda Nelson, Clerk of the Board

Appendix 1-3

Resolution No.: 19-157

Meeting Date: September 25, 2019 (07)

A RESOLUTION OF THE COUNTY OF SAN DIEGO BOARD OF SUPERVISORS AUTHORIZING ADOPTION OF THE 2019 SAN DIEGO INTEGRATED REGIONAL WATER MANAGEMENT (IRWM) PLAN AND APPLICATION FOR AND ACCEPTANCE OF FUTURE IRWM FUNDING

WHEREAS, The County of San Diego, in cooperation with the San Diego County Water Authority (Water Authority) and the City of San Diego (City), has formed a San Diego Regional Water Management Group (RWMG); and

WHEREAS, on May 11, 2005, the Board of Supervisors authorized County of San Diego staff to enter into a Memorandum of Understanding (MOU) with the Water Authority and the City to develop an Integrated Regional Water Management Plan; and

WHEREAS, on July 25, 2007, the Board of Supervisors authorized the first amendment to the MOU with the Water Authority and the City; and

WHEREAS, on November 7, 2007, the Board of Supervisors adopted the 2007 San Diego Integrated Regional Water Management (IRWM) Plan to optimize water supply reliability, protect and enhance water quality, provide stewardship of natural resources, and coordinate and integrate water resource management in the region; and

WHEREAS, on January 28, 2009, the Board of Supervisors authorized a new agreement for the IRWM grant program and application for State funding; and

WHEREAS, on January 13, 2010, the Board of Supervisors adopted a resolution authorizing amendment of the 2007 San Diego IRWM Plan; and

WHEREAS, on October 9, 2013, the Board of Supervisors adopted a resolution authorizing adoption of an updated 2013 San Diego IRWM Plan; and

WHEREAS, the San Diego IRWM Plan defines the San Diego Region as 11 parallel and similar hydrologic units within the county that discharge to coastal waters; and

WHEREAS, the RWMG, in close cooperation with a Regional Advisory Committee, has drafted the 2019 San Diego IRWM Plan to update the 2013 Plan to continue to coordinate and integrate water resource management in the region; and

WHEREAS, the San Diego IRWM Plan establishes a mission, vision, goals, objectives, and regional priorities; and

WHEREAS, the San Diego IRWM Plan will form the foundation of long-term IRWM planning in the region, fostering coordination, collaboration, and communication among governmental and non-governmental water stakeholders; and

Resolution No.: 19-157

Meeting Date: September 25, 2019 (07)

WHEREAS, having an IRWM Plan will position the San Diego region to compete for funding opportunities; and

WHEREAS, the County of San Diego Board of Supervisors is the decision-making body for the County of San Diego; and

WHEREAS, acceptance of the San Diego IRWM Plan by the San Diego County Board of Supervisors is a requirement for eligibility of the Integrated Regional Water Management Planning Act grant funds pursuant to California Water Code Section 10539; and

WHEREAS, adoption of the 2019 IRWM Plan does not constitute County of San Diego Board of Supervisors endorsement of, or support for, any particular element or project within the Plan; and

WHEREAS, the State of California has delegated the responsibility for administration of various bond acts approved by California voters to the Department of Water Resources (DWR) for IRWM Grant Programs; and

WHEREAS, the DWR IRWM Grant Program establishes guidelines and issue solicitations for acceptable water projects; and

WHEREAS, the County of San Diego, as applicant, will enter into a grant agreement with the Department of Water Resources IRWM Grant Program to complete project(s).

NOW, THEREFORE, IT IS HEREBY RESOLVED that the County of San Diego Board of Supervisors resolves the following:

- 1) The foregoing facts are true and correct.
- 2) The Board of Supervisors adopts the 2019 San Diego Integrated Regional Water Management Plan.
- 3) The Board of Supervisors authorizes timely filing of applications for IRWM Grant Program funds under future bond acts approved by California voters, and
- 4) The Board of Supervisors delegates authority to the:
 - a. Director of Public Works or his/her designee; and
 - b. Director of Parks and Recreation or his/her designee; and
 - c. Director of Agriculture, Weights & Measures or his/her designee; and
 - d. Director of Planning & Development Services or his/her designee; and
 - e. Director of General Services or his/her designee (collectively, "Applicants")as agents of the Board of Supervisors to conduct all negotiation, execute, and submit all documents, including, but not limited to applications, agreements, amendments, payment requests and so on, which may be necessary to apply for and accept future

Resolution No.: 19-157

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IRWM Grant Program funding, and

- 5) Certifies that each said Applicant has or will have available prior to commencement of any work on project(s) included in an application, sufficient funds to operate and maintain the project(s), and
- 6) Agrees to comply with all applicable federal, state, and local laws and ordinances, rules, regulations, and guidelines.

APPROVED AS TO FORM AND LEGALITY
COUNTY COUNSEL

By: Thomas Bosworth, Senior Deputy County Counsel

ON MOTION of Supervisor Gaspar, seconded by Supervisor Desmond, the above Resolution was passed and adopted by the Board of Supervisors, County of San Diego, State of California, on this 25th day of September 2019, by the following vote:

AYES: Jacob, Gaspar, Fletcher, Desmond
ABSENT: Cox

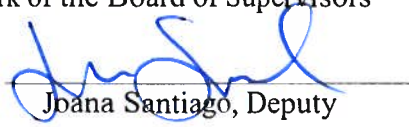
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STATE OF CALIFORNIA)
County of San Diego)^{SS}

I hereby certify that the foregoing is a full, true and correct copy of the Original Resolution entered in the Minutes of the Board of Supervisors.

ANDREW POTTER
Clerk of the Board of Supervisors

By:


Joana Santiago, Deputy



Resolution No. 19-157
Meeting Date: 09/25/19 (07)

RESOLUTION NUMBER R- **312702**

DATE OF FINAL PASSAGE **OCT 23 2019**

A RESOLUTION OF THE COUNCIL OF THE CITY OF
SAN DIEGO ADOPTING THE 2019 SAN DIEGO
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
UPDATE.

WHEREAS, in 2002, the Integrated Regional Water Management Planning Act (SB 1672) was enacted by the State, establishing authority of the California Department of Water Resources (DWR) to administer the State's program to increase reliable water supplies, improve water quality, protect natural resources, and enhance resiliency to climate change for local water resources and provide a vehicle for regional cooperation and shared problem solving; and

WHEREAS, in 2005, the City of San Diego Public Utilities Department (City), San Diego County Water Authority (Water Authority), and County of San Diego (County) entered into a Memorandum of Understanding (MOU) to form a Regional Water Management Group (RWMG), to establish the San Diego IRWM Region (San Diego Region); and

WHEREAS, in 2006, the RWMG established the Regional Advisory Committee (RAC), currently comprised of 31 voting members and 8 non-voting members, to represent a wide range of stakeholders and advise the RWMG on critical issues such as grant funding and development of the San Diego Region's IRWM Plan; and

WHEREAS, the RWMG developed the 2007 San Diego IRWM Plan and two updates have been completed, the 2013 San Diego IRWM Plan and the most recent 2019 San Diego IRWM Plan; and

WHEREAS, in 2014 Proposition 1 authorized \$510 million to fund four grant cycles through 2020 which grant funds are awarded to projects depending on how well they meet the objectives and priorities set out in each region's IRWM Plan and as part of DWR's grant

application process, each region must demonstrate the suite of preferred projects selected and meet the State's and region's goals identified in the region's IRWM Plan; and

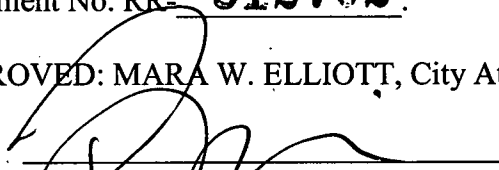
WHEREAS, the 2019 San Diego IRWM Plan, to be adopted with this Council action, maintains the San Diego Region's eligibility to receive grant funds available through Proposition 1 and describes projects selected for inclusion in grant applications; and

WHEREAS, the Water Authority's Board of Directors and the County's Board of Supervisors will similarly be asked to adopt the 2019 San Diego IRWM Plan; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, that the Council adopts the 2019 San Diego Integrated Regional Water Management Plan, on file with the City Clerk as

Document No. RR- **312702**.

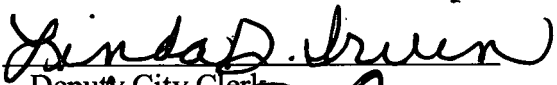
APPROVED: MARA W. ELLIOTT, City Attorney

By 
Raymond C. Palmucci
Deputy City Attorney

RCP:cw
08/08/19
Or.Dept: Public Utilities Department
CC No.: N/A
Doc. No.: 2067494

I certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of OCT 15 2019.

ELIZABETH S. MALAND
City Clerk

By 
Deputy City Clerk

Approved: 10/21/19
(date)


KEVIN L. FAULCONER, Mayor

Vetoed: _____
(date)

KEVIN L. FAULCONER, Mayor

Passed by the Council of The City of San Diego on **OCT 15 2019**, by the following vote:

Councilmembers	Yeas	Nays	Not Present	Recused
Barbara Bry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jennifer Campbell	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Ward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monica Montgomery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark Kersey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Cate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Sherman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vivian Moreno	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Georgette Gómez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage **OCT 23 2019**.

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

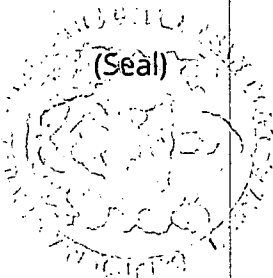
KEVIN L. FAULCONER

Mayor of The City of San Diego, California.

ELIZABETH S. MALAND

City Clerk of The City of San Diego, California.

By *Linda Krueger*, Deputy



Office of the City Clerk, San Diego, California

Resolution Number R- **312702**



**FALLBROOK PUBLIC UTILITY DISTRICT
BOARD OF DIRECTORS
COMBINED NOVEMBER/DECEMBER REGULAR BOARD MEETING**

AGENDA

**MONDAY, DECEMBER 9, 2019
4:00 P.M.**

**FALLBROOK PUBLIC UTILITY DISTRICT
990 E. MISSION RD., FALLBROOK, CA 92028
PHONE: (760) 728-1125**

Any person with a disability who requires a modification or accommodation to participate in the meeting should call the Secretary at (760) 999-2704.

Writings that are public records and are distributed during a public meeting are available for public inspection at the meeting if prepared by the local agency or a member of its legislative body, or after the meeting if prepared by some other person.

I. PRELIMINARY FUNCTIONS

CALL TO ORDER / ROLL CALL / ESTABLISH A QUORUM

PLEDGE OF ALLEGIANCE

ADDITIONS TO AGENDA PER GC § 54954.2(b)

APPROVAL OF AGENDA

PUBLIC COMMENT

Members of the public are invited to address the Board of Directors on any item that is within the subject matter jurisdiction of the legislative body. The Board President may limit comments to three (3) minutes.

A. RECOGNITION AND COMMENDATION OF STUDENT ARTWORK

B. ELECTION OF OFFICERS TO THE BOARD OF DIRECTORS

1. President
2. Vice-President

C. APPOINTMENTS TO BOARD STANDING COMMITTEES

1. Fiscal Policy & Insurance
2. Personnel
3. Engineering & Operations

D. INTRODUCTION OF NEW EXECUTIVE ASSISTANT/BOARD SECRETARY,
LAUREN ECKERT

- E. EMPLOYEE OF THE QUARTER FOR NOVEMBER 2019
1. Kelly Laughlin

II. CONSENT CALENDAR----- (ITEMS F – J)
All items appearing on the Consent Calendar may be disposed of by a single motion. Items shall be removed from the Consent Calendar if any member of the Board of Directors or the public requests removal prior to a vote on a motion to approve the items. Such items shall be considered separately for action by the Board.

- F. CONSIDER APPROVING MINUTES
1. October 28, 2019 Regular Board Meeting
2. November 8, 2019 Special Board Meeting and Public Hearing

Recommendation: That the Board approve the minutes of the aforementioned meeting of the Board of Directors of the Fallbrook Public Utility District.

- G. CONSIDER 2020 BOARD OF DIRECTORS REGULAR MEETING SCHEDULE

Recommendation: The Board establish the 2020 Board of Directors' regular meeting schedule, to include postponing the May regular meeting by two days to Wednesday, May 27, 2020, at 4 p.m. and combining the November and December regular Board meetings to Monday, December 7, 2020, at 4 p.m.

- H. CONSIDER UPDATED LAND LEASE FOR SILVERTHORN NURSERY

Recommendation: Staff supports the Board's direction.

- I. CONSIDER RESOLUTION 4984 ADOPTING THE 2019 SAN DIEGO INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Recommendation: That the Board approve Resolution 4984 adopting the 2019 San Diego IRWM Plan.

- J. CONSIDER CLAIM FOR SUBROGATION DUE TO INUNDATION OF WATER ONTO REAL PROPERTY

Recommendation: The claim will exceed the District retrospective allocation point (amount District can approve prior to any JPIA approval) of \$10,000 per occurrence; therefore, in order to be reimbursable through insurance it needs to be forwarded to JPIA as required. Staff recommends rejection of the claim and to forward claim to ACWA/JPIA for resolution.

III. ACTION / DISCUSSION CALENDAR----- (ITEMS K – U)

MEETING AGENDA

December 18, 2019

**OCEANSIDE CITY COUNCIL,
HARBOR DISTRICT BOARD OF DIRECTORS (HDB),
COMMUNITY DEVELOPMENT COMMISSION (CDC), and
OCEANSIDE PUBLIC FINANCING AUTHORITY (OPFA)
REGULAR BUSINESS**

Mayor
HDB President
CDC Chair
OPFA Chair
Peter Weiss

Deputy Mayor
HDB Vice President
CDC Vice Chair
OPFA Vice Chair
Jack Feller

Councilmembers
HDB Directors
CDC Commissioners
OPFA Directors
Ryan Keim
Christopher Rodriguez
Esther Sanchez

City Clerk
HDB Secretary
CDC Secretary
OPFA Secretary
Zeb Navarro

City Treasurer
HDB/CDC/OPFA Treasurer
Victor Roy

3:30 P.M. – ROLL CALL

CITY COUNCIL, HDB, CDC, OPFA CLOSED SESSION ITEMS

Closed Session to discuss litigation, property acquisition, labor relations and personnel matters

1. **CONFERENCE WITH LABOR NEGOTIATOR ON STATUS OF NEGOTIATIONS
PREVIOUSLY AUTHORIZED IN OPEN SESSION (SECTION 54957.6)**

CONFERENCE WITH LABOR NEGOTIATOR – Negotiator: City Manager; employee organizations: Oceanside Police Officers' Association (OPOA), Oceanside Police Officers' Association – Non-Sworn (OPOA-NS), Oceanside Firefighters' Association (OFA), Oceanside Police Management Association (OPMA), Management Employees of the City of Oceanside (MECO), Oceanside City Employees' Association (OCEA), Oceanside Fire Management Association (OFMA), Western Council of Engineers (WCE), and Unrepresented

2. **LITIGATION OR OTHER ADVERSARY PROCEEDING (E.G., ADMINISTRATIVE HEARING, ARBITRATION) (SECTION 54956.9(c))**

A) CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (SECTION 54956.9(a))

- i. Brian Bonacic vs. City of Oceanside
Workers' Compensation Claim No. 16-126528
Workers' Compensation Appeals Board Number: ADJ10489706

5:00 P.M. – ROLL CALL

INVOCATION

PLEDGE OF ALLEGIANCE

PROCLAMATIONS AND PRESENTATIONS

Presentation – Census 2020 Ceremonial Check Presentation by SANDAG

Presentation – Employee Service Awards

CLOSED SESSION REPORT

3. Closed Session report by City Attorney

CONSENT CALENDAR ITEMS

All items listed on the Consent Calendar are considered to be routine matters or formal documents covering previous City Council/HDB/CDC/OPFA instructions. The items listed on the Consent Calendar may be enacted by a single vote. There will be no separate discussion of any Consent Calendar items unless requested by members of the City Council/HDB/CDC/OPFA or the public through submittal of Request to Speak form prior to the commencement of this agenda item.

- 4. City Council/Harbor/CDC/OPFA: Acceptance of City Clerk's Action Minutes of the Small Craft Harbor District Board of Directors, Community Development Commission, City Council, and Oceanside Public Financing Authority of the December 4, 2019, 3:30 p.m. Regular Meeting
- 5. City Council/Harbor/CDC/OPFA: Approval to waive reading of the text of all ordinances and resolutions considered at this meeting and provide that ordinances shall be introduced after a reading only of the title(s)
- 6. City Council: Approval of an increase to an existing purchase order with JMM Diversified, Inc, dba Moody's Excavating in the amount of \$400,000 for a revised purchase order amount of \$600,000 for additional remedial grading of unsuitable soil and site preparation for the El Corazon Aquatics Center per the El Corazon Reclamation Plan; and authorize the Financial Services Director, or designee, to execute the purchase order
- 7. City Council: Approval of Amendment 1 in the amount of \$19,740 to the Public Works Agreement with All Time Fence Company, Inc. for a revised agreement total of \$59,740 for additional guardrail, repair, and replacement services at City facilities at 1400 N. Harbor Drive; and authorization for the City Manager to execute the amendment

8. HDB: Approval of Amendment 2 to the Percentage Property Lease Agreement with Bill Middleton & Sean White dba Bill Middleton Yachts, for the premises at 1351 Harbor Drive North, Suite B and adjacent concrete slab, extending the term of the agreement from December 1, 2019, through November 30, 2021, for a two-year minimum total revenue of \$73,800; and authorization for the Administrative Officer to execute the amendment
9. City Council: Approval of Amendment 2 to the Property Use Agreement with Tower Optical Company, Inc. for the operation of six coin-operated binocular machines on the Oceanside Municipal Pier effective February 1, 2020, to January 31, 2023, for a minimum total revenue of \$9,000 over the three-year term; and authorization for the City Manager to execute the amendment
10. City Council: Approval of Amendment 2 in the amount of \$145,000 to the Professional Services Agreement with Harris and Associates, Inc. for a revised contract amount not to exceed \$1,070,000 for as-needed or project-based Project Management services related to the City's Pavement Management Program and Slurry Seal/Overlay efforts; and authorization for the City Manager to execute the amendment
11. City Council: Approval of Amendment 1 in the amount of \$58,782 to the Professional Services Agreement with Environmental Science Associates (ESA), for a revised contract price of \$431,282 for services to update the City's Local Coastal Program (LCP); and authorization for the City Manager to execute the amendment
12. City Council: Approval of two amendments to continue management and operation of the senior nutrition and transportation program at the Country Club Senior Center: 1) Amendment 5 to the contract with the County of San Diego in an amount not to exceed \$145,959 for a revised contract amount of \$539,428, 2) Amendment 2 to the Professional Services Agreement with Serving Seniors in the amount of \$174,459 for a revised contract amount not to exceed \$624,928 and extending the term of both agreements for a period not to exceed six months; approval of a Property Use Agreement for a five-year term with Serving Seniors for the exclusive and preferential non-exclusive use of a portion of the Country Club Senior Center for the provision of the nutrition program; and authorization for the City Manager to execute the agreements upon receipt of all supporting documents
13. City Council: Approval of a five-year lease agreement with Interfaith Community Services for a minimum total revenue of \$15,768 per year for use and occupation of the premises at Libby Lake Resource Center for employment assistance services to the public; and authorization for the City Manager to execute the agreement
14. City Council: Approval of two three-year Professional Services Agreements for project manager services for the Water Utilities Department with 1) Infrastructure Engineering Corp, Inc. of Poway in the annual amount of \$291,200; 2) Hoch Consulting of San Diego in the annual amount of \$301,600; and authorization for the City Manager to execute the agreements
15. City Council: Approval of a three-year Professional Services Agreement with BRAX Company of Valley Center in an annual amount not to exceed \$350,000 for Well Rehabilitation and Maintenance Services for the Water Utilities Department; and authorization for the City Manager to execute the agreement upon receipt of all supporting documents
16. City Council: Adoption of a resolution to adopt the 2019 San Diego Integrated Regional Water Management Plan (IRWM) as a requirement for eligibility for IRWM Planning Act grant funds

**AGENDA
SAN ELIJO JOINT POWERS AUTHORITY
MONDAY, DECEMBER 9, 2019 AT 8:30 AM
SAN ELIJO WATER RECLAMATION FACILITY – CONFERENCE ROOM
2695 MANCHESTER AVENUE
CARDIFF BY THE SEA, CALIFORNIA**

-
1. CALL TO ORDER
 2. ROLL CALL
 3. PLEDGE OF ALLEGIANCE
 4. ORAL COMMUNICATIONS (NON-ACTION ITEM)
 5. AWARDS AND RECOGNITION
Chris Trees, Director of Operations, 10-Year Anniversary
 6. * **CONSENT CALENDAR**
 7. * APPROVAL OF MINUTES FOR NOVEMBER 18, 2019 MEETING
 8. * APPROVAL FOR PAYMENT OF WARRANTS AND MONTHLY INVESTMENT REPORTS
 9. * SAN ELIJO WATER RECLAMATION FACILITY TREATED EFFLUENT FLOWS – MONTHLY REPORT
 - 10.* SAN ELIJO JOINT POWERS AUTHORITY RECYCLED WATER PROGRAM – MONTHLY REPORT
 11. * ITEMS REMOVED FROM CONSENT CALENDAR

Items on the Consent Calendar are routine matters and there will be no discussion unless an item is removed from the Consent Calendar. Items removed by a "Request to Speak" form from the public will be handled immediately following adoption of the Consent Calendar. Items removed by a Board Member will be handled as directed by the Board.

REGULAR AGENDA

12. 2020 Election of Officers and Board Meeting Schedule

1. Appoint Chairperson and Vice Chairperson for the 2020 SEJPA Board of Directors;
2. Select regular meeting place and time for 2020; and
3. Discuss and take action as appropriate.

Staff Reference: Director of Finance and Administration

13. APPROVE 2019 SAN DIEGO INTEGRATED REGIONAL WATER MANAGEMENT PLAN ADOPTION AND PROFESSIONAL ENGINEERING SERVICES AGREEMENT FOR STORM WATER HARVESTING WITH FUSCOE ENGINEERING, INC.

1. Approve Resolution 2020-03, Adopting the 2019 San Diego Integrated Regional Water Management Plan;
2. Authorize the General Manager to enter into a Professional Engineering Services Agreement with Fuscoe Engineering, Inc. for an amount not to exceed \$34,900; and
3. Discuss and take action as appropriate.

Staff Reference: General Manager

14. WATER CAMPUS IMPROVEMENT PROJECT DISCUSSION

No action required. This memorandum is submitted for information only.

Staff Reference: General Manager

15. APPROVE REVISED FY 2019-20 CLASSIFICATION AND SALARY SCHEDULE

1. Approve the Revised FY 2019-20 Classification and Salary Schedule; and
2. Discuss and take action as appropriate.

Staff Reference: General Manager

16. 2019 YEAR IN REVIEW – RECOGNIZING AGENCY ACHIEVEMENTS AND SUCCESSES

No action required. This memorandum is submitted for information only.

Staff Reference: General Manager

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



SENT VIA EMAIL

October 4, 2019

Mr. Mark Stadler
IRWM Program Manager
Principal Water Resources Specialist
San Diego County Water Authority
4677 Overland Avenue
San Diego, California 92123

Subject: 2019 San Diego IRWM Plan Draft Review

Dear Mr. Stadler:

Attached please find the Department of Water Resources (DWR) draft review of the 2019 San Diego IRWM Plan Integrated Regional Water Management (IRWM) Plan (San Diego Plan). DWR has determined that the San Diego Plan is consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2016 IRWM Grant Program Guidelines (Guidelines).

Pursuant to Volume 2, Section IV of the Guidelines, a public comment period of 30 days is required for this review. We are requesting a link to the DWR-reviewed version of the San Diego Plan on your website in order for the public to access the plan during the 30-day public review period.

Please send the link to Ted Daum at Ted.Daum@water.ca.gov and DWR will finalize the draft review and commence the public review period. We will notify you when the public review period has closed, and whether or not any comments were received.

If you have any questions, please contact me at (916) 651-9264 or Ted.Daum@water.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Carmel Brown'.

Carmel Brown, P.E. Chief
Financial Assistance Branch
Division of Regional Assistance

IRWM Plan Review Form

(Per 2016 Plan Standards)

IRWM Planning Region:

Regional Water Management Group:

IRWM Plan Title:

San Diego IRWM Region

San Diego Regional Water

Management Group

2019 San Diego IRWM Plan

RESULT: PLAN IS SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient (yes/no)
Governance	Yes
Region Description	Yes
Objectives	Yes
Resource Management Strategies	Yes
Integration *	Yes
Project Review Process	Yes
Impact and Benefit	Yes
Plan Performance and Monitoring	Yes
Data Management	Yes
Finance	Yes
Technical Analysis	Yes
Relation to Local Water Planning	Yes
Relation to Local Land Use Planning	Yes
Stakeholder Involvement	Yes
Coordination	Yes
Climate Change	Yes

Comments:

Appendix 1-4

From: [Daum, Theodore@DWR](mailto:Daum.Theodore@DWR)
To: [Sally Johnson](#)
Subject: RE: Any Comments on San Diego IRWM Plan?
Date: Thursday, December 12, 2019 8:53:23 AM

Hi Sally;

The public comment period closed and no public comments were received. The final review cover letter is awaiting signature and will be uploaded to the DWR website within the next few days.

Best Regards;

Ted

Ted Daum

Senior Environmental Scientist
Department of Water Resources
Division of Regional Assistance
Financial Assistance Branch
901 P Street
P.O. Box 942836
Sacramento, CA 94236-0001

(916) 651-9264 (office)

(916) 651-9292 (fax)

From: Sally Johnson <sjohnson@woodardcurran.com>
Sent: Thursday, December 12, 2019 8:41 AM
To: Daum, Theodore@DWR <Theodore.Daum@water.ca.gov>
Subject: Any Comments on San Diego IRWM Plan?

Hi Ted,

I am following up to see whether DWR received any public comments on the San Diego IRWM Plan's Draft Review? Our Implementation Grant is due tomorrow and I'd like to note in our application whether any comments were received.

Thanks!
Sally

[Sally Johnson](#)
Water Resources Planner

Woodard & Curran

9665 Chesapeake Drive, Suite 320 | San Diego, CA 92123
858.875.7400 | Direct: 858.875.7427 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

Appendix 1-5

STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY EDMUND G. BROWN JR., Governor

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



August 18, 2017

George Adrian
Program Manager
City of San Diego
525 B Street, Suite 300, MS 906
San Diego, California 92101

RE: Urban Water Management Plan Requirements Addressed

Dear Mr. Adrian:

The Department of Water Resources (DWR) has reviewed the City of San Diego's 2015 Urban Water Management Plan (UWMP) received on July 1, 2016. The California Water Code (CWC) directs DWR to report to the legislature once every five years on the status of submitted UWMPs. In meeting this legislative reporting requirement, DWR reviews all submitted UWMPs.

DWR's review of the City of San Diego's 2015 plan has found that the UWMP addresses the requirements of the CWC. DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review, DWR does not evaluate or analyze the supplier's UWMP data, projections, or water management strategies. This letter acknowledges that the City of San Diego's 2015 UWMP addresses the CWC requirements. The results of the review will be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the UWMP or urban water management planning please call Gwen Huff at 916-651-9672.

Sincerely,

A handwritten signature in blue ink, appearing to read "V. Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:

Dan Rodrigo
Shelby Gilmartin

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



September 6, 2016

Ms. Dana Friehauf
Water Resources Manager
San Diego County Water Authority
4677 Overland Avenue
San Diego, California 92123

RE: Urban Water Management Plan Requirements Addressed

Dear Ms. Friehauf:

The Department of Water Resources (DWR) has reviewed the San Diego County Water Authority's 2015 Urban Water Management Plan (UWMP) that was received on June 28, 2016. The California Water Code (CWC) directs DWR to report to the California State Legislature once every five years on the status of submitted UWMPs. In meeting this legislative reporting requirement, DWR reviews all submitted UWMPs.

DWR's review of the San Diego County Water Authority's 2015 UWMP has found that the UWMP addresses the requirements of the CWC. DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review, DWR does not evaluate or analyze the supplier's UWMP data, projections or water management strategies. This letter acknowledges that the San Diego County Water Authority's 2015 UWMP addresses the CWC requirements. The results of the review will be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the UWMP or urban water management planning please call Gwen Huff at 916-651-9672.

Sincerely,

A handwritten signature in blue ink, appearing to read "V. Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc: Sergio Fierro
DWR

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



October 9, 2017

Brian J. Brady
General Manager
Fallbrook Public Utilities District
PO Box 2290
Fallbrook, California 92088

RE: Urban Water Management Plan Requirements Addressed

Dear Mr. Brady:

The Department of Water Resources (DWR) has reviewed the Fallbrook Public Utilities District's 2015 Urban Water Management Plan (UWMP) received on June 30, 2016. The California Water Code (CWC) directs DWR to report to the legislature once every five years on the status of submitted UWMPs. In meeting this legislative reporting requirement, DWR reviews all submitted UWMPs.

DWR's review of the Fallbrook Public Utilities District's 2015 plan has found that the UWMP addresses the requirements of the CWC. DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review, DWR does not evaluate or analyze the supplier's UWMP data, projections, or water management strategies. This letter acknowledges that the Fallbrook Public Utilities District's 2015 UWMP addresses the CWC requirements. The results of the review will be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the UWMP or urban water management planning, please call Gwen Huff at 916-651-9672.

Sincerely,

A handwritten signature in blue ink, appearing to read "V. Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:
Noelle Denke

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



March 28, 2018

Cari Dale
Water Utilities Director
City of Oceanside
300 N. Coast Hwy
Oceanside, California 92054

RE: Urban Water Management Plan Requirements Addressed

Dear Ms. Dale:

The Department of Water Resources (DWR) has reviewed the City of Oceanside's 2015 Urban Water Management Plan (UWMP) received on June 29, 2016. The California Water Code (CWC) directs DWR to report to the legislature once every five years on the status of submitted UWMPs. In meeting this legislative reporting requirement, DWR reviews all submitted UWMPs.

DWR's review of the City of Oceanside's 2015 plan has found that the UWMP addresses the requirements of the CWC. DWR's review of plans is limited to assessing whether suppliers have addressed the required legislative elements. In its review, DWR does not evaluate or analyze the supplier's UWMP data, projections, or water management strategies. This letter acknowledges that the City of Oceanside's 2015 UWMP addresses the CWC requirements. The results of the review will be provided to DWR's Financial Assistance Branch.

If you have any questions regarding the review of the UWMP or urban water management planning, please call Gwen Huff at 916-651-9672.

Sincerely,

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Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:

Teresa Gomez
Rosalyn Prickett

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



October 5, 2018

George Adrian
Program Manager
City of San Diego
525 B St. Suite 300, MS 906
San Diego, CA 92101

Subject: The 2017 Validated Water Loss Audit Report

Dear Mr./Ms. Adrian:

The Department of Water Resources (DWR) has reviewed the City of San Diego's 2017 Validated Water Loss Audit Report (2016 audit). California Water Code (CWC) Section 10608.34 directs DWR to review all submitted validated water loss audit reports. Our review finds that the report addresses the code requirements. The validated water loss audit reports are posted at our website:
<https://wuedata.water.ca.gov>.

If you have any questions regarding water loss audits and reports, please contact Todd Thompson at todd.thompson@water.ca.gov or 916-651-9255

Sincerely

A handwritten signature in blue ink, appearing to read 'V. Lake'.

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:

Shelby Gilmartin, Assistant Engineer
Dan Rodrigo, CDM Smith

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



October 5, 2018

Dana Frieauf
Water Resources Manager
San Diego County Water Authority
4677 Overland Avenue
San Diego, CA 92123

Subject: The 2017 Validated Water Loss Audit Report

Dear Mr./Ms. Frieauf:

The Department of Water Resources (DWR) has reviewed the San Diego County Water Authority's 2017 Validated Water Loss Audit Report (2016 audit). California Water Code (CWC) Section 10608.34 directs DWR to review all submitted validated water loss audit reports. Our review finds that the report addresses the code requirements. The validated water loss audit reports are posted at our website: <https://wuedata.water.ca.gov>.

If you have any questions regarding water loss audits and reports, please contact Todd Thompson at todd.thompson@water.ca.gov or 916-651-9255

Sincerely

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Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:
Alexi Schnell, Water Resources Specialist

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



September 25, 2018

Brian J. Brady
General Manager
Fallbrook Public Utilities District
P.O. Box 2290
Fallbrook, CA 92088

Subject: The 2017 Validated Water Loss Audit Report

Dear Mr./Ms. Brady:

The Department of Water Resources (DWR) has reviewed the Fallbrook Public Utilities District's 2017 Validated Water Loss Audit Report. California Water Code (CWC) Section 10608.34 directs DWR to review all submitted validated water loss audit reports. Our review finds that the report addresses the code requirements. The validated water loss audit reports are posted at our website:
<https://wuedata.water.ca.gov>.

If you have any questions regarding water loss audits and reports, please contact Todd Thompson at todd.thompson@water.ca.gov or 916-651-9255

Sincerely

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Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:
Noelle Denke, Public Affairs

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



October 4, 2018

Cari Dale
Water Utilities Director
City of Oceanside
300 N. Coast Hwy
Oceanside, CA 92054

Subject: The 2017 Validated Water Loss Audit Report

Dear Mr./Ms. Dale:

The Department of Water Resources (DWR) has reviewed the City of Oceanside's 2017 Validated Water Loss Audit Report (2016 audit). California Water Code (CWC) Section 10608.34 directs DWR to review all submitted validated water loss audit reports. Our review finds that the report addresses the code requirements. The validated water loss audit reports are posted at our website: <https://wuedata.water.ca.gov>.

If you have any questions regarding water loss audits and reports, please contact Todd Thompson at todd.thompson@water.ca.gov or 916-651-9255

Sincerely

A handwritten signature in blue ink, appearing to read "V. Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Electronic cc:
Teresa Gomez, Senior Management Analyst
Rosalyn Prickett, RMC Water and Environment

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources
Funding Program name: Proposition 1 Round 1 Implementation Grant
Applicant (Agency name): City of National City
Project Title (as shown on application form): Paradise Valley Creek Water Quality and Community Enhancement
San Diego IRWM 2019 IRWM Implementation Grant

Please check one of the boxes below and sign and date this form.

☒ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

ROBERTO YANO

Name of Authorized Representative
(Please print)

DEPUTY CITY ENGINEER

Title

[Signature]
Signature

11/19/2019
Date

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources

Funding Program name: Proposition 1 Round 1 Implementation Grant

Applicant (Agency name): City of San Diego

Project Title (as shown on application form): North City Pure Water Facility Influent Pump Station and Pipeline

San Diego IRWM 2019 IRWM Implementation Grant

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

☒ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

Charles Modica

Name of Authorized Representative
(Please print)

City of San Diego - Public Utilities Department Deputy Director

Title

Signature

10-30-19

Date

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources
Funding Program name: Proposition 1 Round 1 Implementation Grant
Applicant (Agency name): San Diego County Water Authority
Project Title (as shown on application form): 2020 Regional Water Use Efficiency Programs
San Diego IRWM 2019 IRWM Implementation Grant

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

✓ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

KELLEY GAGE
Name of Authorized Representative
(Please print)

Kelley Gage
Signature

DIRECTOR OF WATER RESOURCES
Title

11-18-19
Date

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources

Funding Program name: Proposition 1 Round 1 Implementation Grant

Applicant (Agency name): Fallbrook Public Utilities District

Project Title (as shown on application form): Lower Santa Margarita River IPR Pilot Project
San Diego IRWM 2019 IRWM Implementation Grant

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

☒ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

Aaron Cook
Name of Authorized Representative
(Please print)

Senior Engineer
Title

Aaron Cook
Signature

11/7/2019
Date

California State Water Resources Control Board
 California Department of Water Resources
 California Department of Public Health



**CERTIFICATION FOR
 COMPLIANCE WITH WATER METERING REQUIREMENTS
 FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources

Funding Program name: Proposition 1 Round 1 Implementation Grant

Applicant (Agency name): City of Oceanside

Project Title (as shown on application form): _____

San Diego IRWM 2019 IRWM Implementation Grant - Pure Water Oceanside

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

✓ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

CARI DALG

Name of Authorized Representative
 (Please print)

Signature

WATER UTILITIES DIRECTOR

Title

Date

12/9/2019

California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: Department of Water Resources
Funding Program name: Proposition 1 Round 1 Implementation Grant
Applicant (Agency name): San Elijo Joint Powers Authority
Project Title (as shown on application form): North County Recycled Water Project / San Elijo Stormwater Capture & Reuse
San Diego IRWM 2019 IRWM Implementation Grant

Please check one of the boxes below and sign and date this form.

☒ As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

MICHAEL THORNTON
Name of Authorized Representative
(Please print)

GENERAL MANAGER
Title

[Signature]
Signature

Nov 12, 2019
Date

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

REPORT OF LICENSEE FOR 2018

Primary Owner: CITY OF SAN DIEGO

Primary Contact:

Date Submitted: 03/29/2019

Application Number: A004343

License Number: 001716

Source(s) of Water
UNXX

POD Parcel Number

County
San Diego

MAX Direct Diversion Rate: 0.75 CFS

MAX Collection to Storage: 0 AC-FT

Face Value: 452.2 AC-FT

Permitted Use(s)
IrrigationAcres
70Direct Diversion Season
02/01 to 12/01

Storage Season

1. Project Abandoned

The project has been abandoned and I request revocation of my water right license	No
---	----

2. Compliance with License Terms and Conditions

I have currently reviewed my water right license and I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4. Purpose of Use

No Use

Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
--	----

5. Maximum Rate of Diversion

Month	Rate of Diversion
January	
February	
March	
April	
May	

June	
July	
August	
September	
October	
November	
December	

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total	0	0	0
Type of Diversion	No Diversion		
Comments	The well is temporarily out of service for maintenance and improvements. Improvements include the addition of equipment to comply with daily measurement requirements. Once operational, the well is intended to supplement agricultural operations. Repairs are estimated to be completed 6-9 months from submission of this report.		

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	

6s. Amount (Acre-Feet) of reported diversion solely under contract	
--	--

7. Water Diversion Measurement

a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	No
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement Attachments

Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files

Measurement ID Number	File Name	Description	Size
No data files			

8. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

9. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
10. Amount of water conserved	
11. I have data to support use reductions under this water right due to conservation efforts	

Water Quality and Wastewater Reclamation

12. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
13. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

14. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license?	No
15. Amounts of groundwater used	

Additional Remarks

--

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Rosalva
Last Name	Morales
Relation to Water Right	Other: Authorized Official

Information on Certification and Signatory

--

Name of Person Signing and Certifying the Report	Rosalva Morales
Date of Signature	03/29/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

REPORT OF LICENSEE FOR 2018

Primary Owner: CITY OF SAN DIEGO

Primary Contact:

Date Submitted: 03/29/2019

Application Number: A002994

License Number: 002676

Source(s) of Water	POD Parcel Number	County
TUNNEL TWO CREEK		San Diego

MAX Direct Diversion Rate: 0 GPD
MAX Collection to Storage: 615 AC-FT
Face Value: 615 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Municipal	0		

1. Project Abandoned

The project has been abandoned and I request revocation of my water right license	No
---	----

2. Compliance with License Terms and Conditions

I have currently reviewed my water right license and I am complying with all terms and conditions	Yes
---	-----

Description of noncompliance with terms and conditions	
--	--

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4. Purpose of Use

Municipal	1405422
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Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
--	----

5. Maximum Rate of Diversion

Month	Rate of Diversion
January	
February	
March	
April	
May	

June	
July	
August	
September	
October	
November	
December	

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	67	67
February	0	44	44
March	0	42	42
April	0	25	25
May	0	20	20
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	199	199
Total	0	397	397
Type of Diversion	Diversion to Storage Only		
Comments			

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes

b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M000759
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	
M2. Nickname	
M3. Type of device / method	Staff gauge
M4. Device make	
M5. Serial number	
M6. Model number	
M7. Approximate date of installation	
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	
M10. Estimated accuracy of measurement	
M11. Description of calibration method	
M12. Describe the maintenance schedule for the device/method	
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	
M14. Phone number	
M15. Email	
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	
M18. Type of data recorder device / method	
M19. Data recorder device make	
M20. Data recorder serial number	
M21. Data recorder model number	
M22. Data recorder units of measurement	
M23. Frequency of data recording	
M24. Additional data recorder info	
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Lower Otay	No	8.02	No	17.42	Staff Gauge Reading

Conservation of Water

9. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
10. Amount of water conserved	
11. I have data to support use reductions under this water right due to conservation efforts	

Water Quality and Wastewater Reclamation

12. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
13. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

14. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license?	No
15. Amounts of groundwater used	

Additional Remarks

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Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Rosalva
Last Name	Morales
Relation to Water Right	Other: Authorized Official

Information on Certification and Signatory

Name of Person Signing and Certifying the Report	Rosalva Morales
Date of Signature	03/29/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

REPORT OF LICENSEE FOR 2018

Primary Owner: CITY OF SAN DIEGO

Primary Contact:

Date Submitted: 03/29/2019

Application Number: A002993

License Number: 002675

Source(s) of Water	POD Parcel Number	County
RATTLESNAKE CREEK		San Diego

MAX Direct Diversion Rate: 0 GPD
MAX Collection to Storage: 660 AC-FT
Face Value: 660 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Municipal	0		

1. Project Abandoned

The project has been abandoned and I request revocation of my water right license	No
---	----

2. Compliance with License Terms and Conditions

I have currently reviewed my water right license and I am complying with all terms and conditions	Yes
---	-----

Description of noncompliance with terms and conditions	
--	--

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4. Purpose of Use

Municipal	1405422
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Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
--	----

5. Maximum Rate of Diversion

Month	Rate of Diversion
January	
February	
March	
April	
May	

June	
July	
August	
September	
October	
November	
December	

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	71	71
February	0	48	48
March	0	46	46
April	0	27	27
May	0	22	22
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	214	214
Total	0	428	428
Type of Diversion	Diversion to Storage Only		
Comments			

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes

b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M000754
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	
M2. Nickname	
M3. Type of device / method	Staff gauge
M4. Device make	
M5. Serial number	
M6. Model number	
M7. Approximate date of installation	
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	
M10. Estimated accuracy of measurement	
M11. Description of calibration method	
M12. Describe the maintenance schedule for the device/method	
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	
M14. Phone number	
M15. Email	
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	
M18. Type of data recorder device / method	
M19. Data recorder device make	
M20. Data recorder serial number	
M21. Data recorder model number	
M22. Data recorder units of measurement	
M23. Frequency of data recording	
M24. Additional data recorder info	
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Lower Otay	No	8.02	No	17.42	Staff Gauge Reading

Conservation of Water

9. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
10. Amount of water conserved	
11. I have data to support use reductions under this water right due to conservation efforts	

Water Quality and Wastewater Reclamation

12. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
13. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

14. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license?	No
15. Amounts of groundwater used	

Additional Remarks

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Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Rosalva
Last Name	Morales
Relation to Water Right	Other: Authorized Official

Information on Certification and Signatory

Name of Person Signing and Certifying the Report	Rosalva Morales
Date of Signature	03/29/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

REPORT OF LICENSEE FOR 2018

Primary Owner: CITY OF SAN DIEGO

Primary Contact:

Date Submitted: 03/29/2019

Application Number: A002992

License Number: 002674

Source(s) of Water	POD Parcel Number	County
FLUME NINE CREEK		San Diego

MAX Direct Diversion Rate: 0 GPD
MAX Collection to Storage: 298 AC-FT
Face Value: 298 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Municipal	0		

1. Project Abandoned

The project has been abandoned and I request revocation of my water right license	No
---	----

2. Compliance with License Terms and Conditions

I have currently reviewed my water right license and I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4. Purpose of Use

Municipal	1405422
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Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
--	----

5. Maximum Rate of Diversion

Month	Rate of Diversion
January	
February	
March	
April	
May	

June	
July	
August	
September	
October	
November	
December	

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	32	32
February	0	21	21
March	0	20	20
April	0	12	12
May	0	10	10
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	96	96
Total	0	191	191
Type of Diversion	Diversion to Storage Only		
Comments			

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes

b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M000634
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	
M2. Nickname	
M3. Type of device / method	Staff gauge
M4. Device make	
M5. Serial number	
M6. Model number	
M7. Approximate date of installation	
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	
M10. Estimated accuracy of measurement	
M11. Description of calibration method	
M12. Describe the maintenance schedule for the device/method	
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	
M14. Phone number	
M15. Email	
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	
M18. Type of data recorder device / method	
M19. Data recorder device make	
M20. Data recorder serial number	
M21. Data recorder model number	
M22. Data recorder units of measurement	
M23. Frequency of data recording	
M24. Additional data recorder info	
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Lower Otay	No	8.02	No	17.42	Staff gauge reading

Conservation of Water

9. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
10. Amount of water conserved	
11. I have data to support use reductions under this water right due to conservation efforts	

Water Quality and Wastewater Reclamation

12. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
13. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

14. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license?	No
15. Amounts of groundwater used	

Additional Remarks

--

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Rosalva
Last Name	Morales
Relation to Water Right	Other: Authorized Official

Information on Certification and Signatory

Name of Person Signing and Certifying the Report	Rosalva Morales
Date of Signature	03/29/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

REPORT OF LICENSEE FOR 2018

Primary Owner: CITY OF SAN DIEGO

Primary Contact:

Date Submitted: 03/29/2019

Application Number: A002995

License Number: 002677

Source(s) of Water	POD Parcel Number	County
MATCHIN CREEK		San Diego

MAX Direct Diversion Rate: 0 GPD
MAX Collection to Storage: 436 AC-FT
Face Value: 436 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Municipal	0		

1. Project Abandoned

The project has been abandoned and I request revocation of my water right license	No
---	----

2. Compliance with License Terms and Conditions

I have currently reviewed my water right license and I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4. Purpose of Use

Municipal	1405422
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Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
--	----

5. Maximum Rate of Diversion

Month	Rate of Diversion
January	
February	
March	
April	
May	

June	
July	
August	
September	
October	
November	
December	

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	47	47
February	0	31	31
March	0	30	30
April	0	18	18
May	0	15	15
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	141	141
Total	0	282	282
Type of Diversion	Diversion to Storage Only		
Comments			

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes

b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M000766
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	
M2. Nickname	
M3. Type of device / method	Staff gauge
M4. Device make	
M5. Serial number	
M6. Model number	
M7. Approximate date of installation	
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	
M10. Estimated accuracy of measurement	
M11. Description of calibration method	
M12. Describe the maintenance schedule for the device/method	
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	
M14. Phone number	
M15. Email	
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	
M18. Type of data recorder device / method	
M19. Data recorder device make	
M20. Data recorder serial number	
M21. Data recorder model number	
M22. Data recorder units of measurement	
M23. Frequency of data recording	
M24. Additional data recorder info	
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Lower Otay	No	8.02	No	17.42	Staff Gauge

Conservation of Water

9. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
10. Amount of water conserved	
11. I have data to support use reductions under this water right due to conservation efforts	

Water Quality and Wastewater Reclamation

12. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
13. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

14. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license?	No
15. Amounts of groundwater used	

Additional Remarks

--

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Rosalva
Last Name	Morales
Relation to Water Right	Other: Authorized Official

Information on Certification and Signatory

Name of Person Signing and Certifying the Report	Rosalva Morales
Date of Signature	03/29/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]**REPORT OF LICENSEE FOR 2018**

Primary Owner: CITY OF SAN DIEGO

Primary Contact:

Date Submitted: 03/29/2019

Application Number: A011658

License Number: 013532

Source(s) of Water	POD Parcel Number	County
SANTA YSABEL CREEK		San Diego

MAX Direct Diversion Rate: 19.2 CFS
 MAX Collection to Storage: 27937 AC-FT
 Face Value: 30575 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0	01/01 to 12/31	10/01 to 09/30
Municipal	0	01/01 to 12/31	10/01 to 09/30
Stockwatering		01/01 to 12/31	10/01 to 09/30
Recreational		01/01 to 12/31	10/01 to 09/30

1. Project Abandoned

The project has been abandoned and I request revocation of my water right license	No
---	----

2. Compliance with License Terms and Conditions

I have currently reviewed my water right license and I am complying with all terms and conditions	Yes
---	-----

Description of noncompliance with terms and conditions	
--	--

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4. Purpose of Use

Municipal	1405422
Recreational	Boating & Fishing

Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
--	----

5. Maximum Rate of Diversion

Month	Rate of Diversion
January	

February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	142	142
February	0	455	455
March	0	246	246
April	0	0	0
May	0	12	12
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	17	17
November	0	124	124
December	0	137	137
Total	0	1133	1133
Type of Diversion	Diversion to Storage Only		
Comments			

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	

6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement

a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M000770
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	
M2. Nickname	
M3. Type of device / method	Staff gauge
M4. Device make	
M5. Serial number	
M6. Model number	
M7. Approximate date of installation	
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	
M10. Estimated accuracy of measurement	
M11. Description of calibration method	
M12. Describe the maintenance schedule for the device/method	
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	
M14. Phone number	
M15. Email	
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	
M18. Type of data recorder device / method	
M19. Data recorder device make	
M20. Data recorder serial number	
M21. Data recorder model number	
M22. Data recorder units of measurement	
M23. Frequency of data recording	
M24. Additional data recorder info	
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments

Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files

Measurement ID Number	File Name	Description	Size
No data files			

8. Storage					
Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Sutherland Reservoir	No	34.99	No	39.82	Staff Gauge

Conservation of Water	
9. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
10. Amount of water conserved	
11. I have data to support use reductions under this water right due to conservation efforts	

Water Quality and Wastewater Reclamation	
12. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
13. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
14. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license?	No
15. Amounts of groundwater used	

Additional Remarks

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Rosalva
Last Name	Morales
Relation to Water Right	Other: Authorized Official

Information on Certification and Signatory	
Name of Person Signing and Certifying the Report	Rosalva Morales
Date of Signature	03/29/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2018**

Primary Owner: SAN DIEGO COUNTY WATER AUTHORITY
Primary Contact:

Date Submitted: 03/06/2019

Application Number: A030243
Permit Number: 020787

Source(s) of Water	POD Parcel Number	County
UNST		San Diego

MAX Direct Diversion Rate: 0 GPD
MAX Collection to Storage: 150 AC-FT
Face Value: 150 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Recreational	0		01/01 to 12/31
Municipal	0		01/01 to 12/31

1. Permit Review

I have reviewed my water right permit	Yes
---------------------------------------	-----

2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status

Project Status	Complete
6a. Construction work has commenced	
6b. Construction is completed	
6c. Beneficial uses of water has commenced	
6d. Project will be completed within the time period specified in the permit	
6e. Explanation of work remaining to be done	
6f. Estimated date of completion	

7. Purpose of Use

Municipal	3300000
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Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

8. Maximum Rate of Diversion	
Month	Rate of Diversion (Cubic Feet Per Second)
January	0
February	0
March	0
April	0
May	0
June	0
July	0
August	0
September	0
October	0
November	0
December	0

9. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	10	0
February	0	1.6	0
March	0	4.7	0
April	0	0	0
May	0	1	0
June	0	0	0
July	0	0.1	0
August	0	0	0
September	0	0	0
October	0	5.6	0
November	0	13.3	0
December	0	25.7	0
Total	0	62	0
Type of Diversion	Both Direct Diversion and Diversion to Storage		
Comments	Of the 62AF captured from runoff or direct rainfall, all water was lost to evaporation(388.4AF)		

Water Transfers	
9d. Water transfered	No
9e. Quantity transfered (Acre-Feet)	
9f. Dates which transfer occurred	/ to /
9g. Transfer approved by	

Water Supply Contracts	
9h. Water supply contract	No
9i. Contract with	
9j. Other provider	

9k. Contract number	
9l. Source from which contract water was diverted	
9m. Point of diversion same as identified water right	
9n. Amount (Acre-Feet) authorized to divert under this contract	
9o. Amount (Acre-Feet) authorized to be diverted in 2018	
9p. Amount (Acre-Feet) projected for 2019	
9q. Exchange or settlement of prior rights	
9r. All monthly reported diversion claimed under the prior rights	
9s. Amount (Acre-Feet) of reported diversion solely under contract	

10. Water Diversion Measurement

a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M005061
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Paroscientific, Inc. Digiquartz Pressure Instrumentation
M2. Nickname	Intelligent Pressure Transducer
M3. Type of device / method	Pressure transducer
M4. Device make	Paroscientific, Inc.
M5. Serial number	84522
M6. Model number	863DP100CVI
M7. Approximate date of installation	06/01/2004
M8. Additional info	N/A
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	06/01/2004
M10. Estimated accuracy of measurement	N/A
M11. Description of calibration method	Factory Calibrated/Not required
M12. Describe the maintenance schedule for the device/method	N/A
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	N/A
M14. Phone number	N/A
M15. Email	N/A
M16. Qualifications of the individual	Other
M17. License number and type for the qualified individual above and/or any other relevant explanation	N/A
M18. Type of data recorder device / method	Other: PLC to HMI
M19. Data recorder device make	N/A
M20. Data recorder serial number	N/A
M21. Data recorder model number	N/A
M22. Data recorder units of measurement	Acre-Feet
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	PLC info to HMI
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No

M26. I report my diversion or storage date by telemetry to the following website	N/A
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Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
M005061	Copy of 2018AnnualOdam.xlsx	2018 Annual Olivenhain Dam - Rainfall/Evap	28 KB

11. Storage					
Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Olivenhain Reservoir	No	5.17	No	41.17	Pressure transducer instrumentation

Conservation of Water	
12. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Voluntary conservation efforts continue.
13. Amount of water conserved	

Water Quality and Wastewater Reclamation	
14. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
15. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
16. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
17. Amounts of groundwater used	

Additional Remarks

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Chris
Last Name	Castaing
Relation to Water Right	Primary Owner of Record

Information on Certification and Signatory	
Name of Person Signing and Certifying the Report	Chris Castaing
Date of Signature	03/06/2019

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S024042

Date Submitted: 06/29/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	2012

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	117177
February	0
March	0
April	0
May	0
June	0
July	1036100
August	1270161
September	1169172
October	994671
November	0
December	0

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	0.36	0	0.36
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	57	0	57
August	100.28	0	100.28
September	95.84	0	95.84
October	18	0	18

November	0	0	0
December	0	0	0
Total	271.48	0	271.48
Type of Diversion	Direct Diversion Only		
Comments			

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003353
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 10 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	10 2368
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	09/01/2010
M8. Additional info	Exact date of installation unknown, approximate date is September 2010.
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	05/17/2018

M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	Person trained and experienced in water measurement (for diversions of less than 100 acre-feet per year - no specific training is required; the person using any equipment and reporting the information must know how to use the equipment and submit correct information)
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	10 2368
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage date by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water		
a.	Are you now employing water	Yes

	conservation efforts?	
	Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
	Amount of water conserved	10081
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
b.	Amount of groundwater used	
	I have data to support the above surface water use reductions due to the use of groundwater.	

Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBDF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S024043

Date Submitted: 06/29/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	2012

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	595744
February	551702
March	520839
April	578344
May	562238
June	465375
July	470632
August	0
September	0
October	613309
November	681867
December	1031040

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	39.38	0	39.38
February	43.69	0	43.69
March	44.17	0	44.17
April	49.21	0	49.21
May	45.37	0	45.37
June	39.68	0	39.68
July	6.36	0	6.36
August	0	0	0
September	0	0	0
October	4.88	0	4.88

November	60.17	0	60.17
December	70.08	0	70.08
Total	402.99	0	402.99
Type of Diversion	Direct Diversion Only		
Comments			

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003356
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 11 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	10 2367
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	09/01/2010
M8. Additional info	Installation date is approximate, installation occurred in September 2010.
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	05/17/2018

M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	Person trained and experienced in water measurement (for diversions of less than 100 acre-feet per year - no specific training is required; the person using any equipment and reporting the information must know how to use the equipment and submit correct information)
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	10 2367
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage date by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water		
a.	Are you now employing water	Yes

	conservation efforts?	
	Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
	Amount of water conserved	10081
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
b.	Amount of groundwater used	
	I have data to support the above surface water use reductions due to the use of groundwater.	

Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBDF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S016522

Date Submitted: 06/29/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	2000

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion	

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	801190
February	999305
March	1170417
April	762224
May	954548
June	894518
July	885879
August	855479
September	709650
October	734549
November	774931
December	782468

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	52.88	0	52.88
February	65.09	0	65.09
March	70.77	0	70.77
April	64.64	0	64.64
May	84.35	0	84.35
June	81.39	0	81.39
July	75.72	0	75.72
August	64.62	0	64.62
September	57.91	0	57.91
October	60.22	0	60.22

November	64.9	0	64.9
December	71.41	0	71.41
Total	813.9	0	813.9
Type of Diversion	Direct Diversion Only		
Comments			

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003304
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 5 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	97032815
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	03/01/1995
M8. Additional info	The day is estimated, the year and month are provided.
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018

M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VConer with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	97032815
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water		
a.	Are you now employing water conservation efforts?	Yes

Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
Amount of water conserved	10081
b. I have data to support the above surface water use reductions due to conservation efforts.	

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
	Amount of groundwater used	
b.	I have data to support the above surface water use reductions due to the use of groundwater.	

Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBGPF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S016519

Date Submitted: 06/28/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	1994

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion	

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	748418
February	691443
March	825087
April	0
May	48789
June	0
July	0
August	0
September	0
October	0
November	0
December	0

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	44.18	0	44.18
February	51.11	0	51.11
March	22.84	0	22.84
April	0	0	0
May	0.15	0	0.15
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0

November	0	0	0
December	0	0	0
Total	118.28	0	118.28
Type of Diversion	Direct Diversion Only		
Comments	Well 2 was taken out of service in March 2018 due to low production. Currently awaiting funding during upcoming fiscal year to facilitate well maintenance. Additionally, because of extensive landscaping installed around the well head, along with a bioswale required by code as part of the construction of the new MBGPF operations building, the well can no longer be properly accessed for maintenance. Currently awaiting funding for a Capital Improvement Project (CIP) to remove existing landscaping and modify existing bioswale to permanent access to the well head for maintenance.		

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003285
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 2 flow meter
M3. Type of device / method	Other: pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	92121712
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	05/01/1992

M8. Additional info	The day is estimated, the year and month are provided.
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	7605350539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	92121712
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water

	Are you now employing water conservation efforts?	Yes
a.	Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
	Amount of water conserved	10081
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
b.	Amount of groundwater used	

I have data to support the above surface water use reductions due to the use of groundwater.	
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Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBGPF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S016518

Date Submitted: 06/28/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	1994

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	567572
February	589457
March	764215
April	724871
May	634804
June	520014
July	624145
August	501191
September	499847
October	534906
November	426805
December	0

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	34.03	0	34.03
February	46.29	0	46.29
March	61.11	0	61.11
April	53.15	0	53.15
May	47.9	0	47.9
June	44.65	0	44.65
July	46.56	0	46.56
August	44.04	0	44.04
September	41.49	0	41.49
October	42.4	0	42.4

November	1.31	0	1.31
December	0	0	0
Total	462.93	0	462.93
Type of Diversion	Direct Diversion Only		
Comments	Well 1 was taken out of service in November 2018 due to low production. Currently awaiting funding during upcoming fiscal year to facilitate well maintenance.		

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M001096
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 1 Flow meter
M3. Type of device / method	Other: pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter;
M5. Serial number	92121711
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	05/01/1992
M8. Additional info	The day is estimated, the year and month are provided.
M9. Approximate date the measuring device was last calibrated or the measurement	02/06/2018

method was updated	
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	7605350539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	92121711
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	Hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage date by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water		
a.	Are you now employing water conservation	Yes

efforts?	
Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
Amount of water conserved	10081
b. I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
b.	Amount of groundwater used	
	I have data to support the above surface water use reductions due to the use of groundwater.	

Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBGPF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S016523

Date Submitted: 06/29/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	2009

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	1134290
February	986200
March	910796
April	1093169
May	1029844
June	703473
July	1138680
August	1029109
September	919375
October	1416126
November	989017
December	1053132

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	62.69	0	62.69
February	76.31	0	76.31
March	73.32	0	73.32
April	91.68	0	91.68
May	74.62	0	74.62
June	54.4	0	54.4
July	73.63	0	73.63
August	76.87	0	76.87
September	75.21	0	75.21
October	106.24	0	106.24

November	86.79	0	86.79
December	67.58	0	67.58
Total	919.34	0	919.34
Type of Diversion	Direct Diversion Only		
Comments			

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003306
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 9 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	01 4354
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	01/01/2004
M8. Additional info	The day is estimated, the year and month are provided.
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	07/19/2018

M10. Estimated accuracy of measurement	14
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	This well was offline in 2016 and the device will be re-calibrated within a timely manner when it comes back online.
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	Person trained and experienced in water measurement (for diversions of less than 100 acre-feet per year - no specific training is required; the person using any equipment and reporting the information must know how to use the equipment and submit correct information)
M17. License number and type for the qualified individual above and/or any other relevant explanation	The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	01 4354
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage date by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water		
a.	Are you now employing water conservation efforts?	Yes

Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
Amount of water conserved	10081
b. I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
Amount of reduced diversion	448 Acre-Feet
Type of substitute water supply	Reclaimed
b. Amount of substitute water supply used	448 Acre-Feet
I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a. Are you now using groundwater in lieu of surface water?	No
b. Amount of groundwater used	
I have data to support the above surface water use reductions due to the use of groundwater.	

Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBDF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S016520

Date Submitted: 06/28/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	2000

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	0
February	37412
March	76411
April	0
May	475685
June	489106
July	510848
August	120825
September	49270
October	649308
November	814353
December	854888

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	0	0	0
February	0.11	0	0.11
March	0.23	0	0.23
April	0	0	0
May	33.76	0	33.76
June	44.26	0	44.26
July	12.99	0	12.99
August	0.8	0	0.8
September	0.15	0	0.15
October	36.78	0	36.78

November	65.32	0	65.32
December	79.1	0	79.1
Total	273.5	0	273.5
Type of Diversion	Direct Diversion Only		
Comments	Well 3 is a redundant well that is not required to be operated when wells 1 and 2 are in service due to proximity interference between all three wells. Additionally, the system was not designed to operate all three wells simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production target and aquifer levels).		

Water Transfers	
6d. Water transferred	No
6e. Quantity transferred (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003302
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 3 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	97032814
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	01/01/1995
M8. Additional info	The day is estimated, the year and month are provided.

M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	97032814
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water

	Are you now employing water conservation efforts?	Yes
a.	Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
	Amount of water conserved	10081
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
b.	Amount of groundwater used	

I have data to support the above surface water use reductions due to the use of groundwater.
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Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBGPF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2018

Primary Owner: CITY OF OCEANSIDE

Statement Number: S016521

Date Submitted: 06/28/2019

1. Water is used under	Pre-1914 Claim
2. Year diversion commenced	2000

3. Purpose of Use	
Municipal	177362

4. Changes in Method of Diversion

Special Use Categories	
C1. Are you using any water diverted under this right for the cultivation of cannabis?	No

5. Maximum Rate of Diversion	
Month	Rate of Diversion (Gallons Per Day)
January	752088
February	742476
March	0
April	55036
May	0
June	0
July	0
August	0
September	0
October	0
November	0
December	0

6. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January	5.05	0	5.05
February	2.28	0	2.28
March	0	0	0
April	0.17	0	0.17
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0

November	0	0	0
December	0	0	0
Total	7.5	0	7.5
Type of Diversion	Direct Diversion Only		
Comments	Well 4 is a redundant well that is not required to be operated when Well 5 is in service due to proximity interference between both wells. Additionally, the system was not designed to operate both wells simultaneously. They are meant to be rotated with only one in operation at any given time (based on production target and aquifer levels).		

Water Transfers	
6d. Water transfered	No
6e. Quantity transfered (Acre-Feet)	
6f. Dates which transfer occurred	/ to /
6g. Transfer approved by	

Water Supply Contracts	
6h. Water supply contract	No
6i. Contract with	
6j. Other provider	
6k. Contract number	
6l. Source from which contract water was diverted	
6m. Point of diversion same as identified water right	
6n. Amount (Acre-Feet) authorized to divert under this contract	
6o. Amount (Acre-Feet) authorized to be diverted in 2018	
6p. Amount (Acre-Feet) projected for 2019	
6q. Exchange or settlement of prior rights	
6r. All monthly reported diversion claimed under the prior rights	
6s. Amount (Acre-Feet) of reported diversion solely under contract	

7. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M003303
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 4 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	NA
M6. Model number	3051CD2A02A1AS5M5`
M7. Approximate date of installation	04/01/1995
M8. Additional info	The day is estimated, the year and month are provided.

M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	CWEA Electrical /Instrumentation Grade 4 #110974003. The individual is trained by the manufacturer in the use of the calibration equipment and measuring device. This individual is responsible for overseeing diversion measuring and trains staff of proper calibration and maintenance methods.
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	NA
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
No data files			

8. Conservation of Water

	Are you now employing water conservation efforts?	Yes
a.	Describe any water conservation efforts you have initiated	<p>The City of Oceanside is a contributing member of the California Water Efficiency Partnership (CalWEP), advancing urban water management through urban water efficiency and conservation, and in May 2011 adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, community outreach, and residential and commercial WaterSmart Checkups. The City also offers educational workshops and classes and a variety of rebates including: high efficiency toilets, high efficiency clothes washers, plumbing flow control valves, rotating sprinkler nozzles, irrigation controllers, flow regulators, soil moisture sensor systems, and turf replacement. The City is in compliance with SBx7 7. The City's overall gallons per capita per day (GPCD) in 2018 was 119, a 20% reduction from the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Pursuant to the Level 1 Drought Watch in effect throughout 2018, Oceanside implemented and enforced the following water efficiency measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent runoff or overspray; repair broken sprinklers and irrigation leaks; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; use re-circulated water in fountains and water features; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. With a GPCD of 119 for 2018, the City of Oceanside demonstrated a reduction of 52 GPCD of water (a total of 10,081 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD for the 2016-2017 Fiscal Year, representing a 20% reduction in per capita residential use.</p>
	Amount of water conserved	10081
b.	I have data to support the above surface water use reductions due to conservation efforts.	Yes

9. Water Quality and Wastewater Reclamation

a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	Yes
	Amount of reduced diversion	448 Acre-Feet
	Type of substitute water supply	Reclaimed
b.	Amount of substitute water supply used	448 Acre-Feet
	I have data to support the above surface water use reductions due to the use of a substitute water supply	Yes

10. Conjunctive Use of Surface Water and Groundwater

a.	Are you now using groundwater in lieu of surface water?	No
b.	Amount of groundwater used	

I have data to support the above surface water use reductions due to the use of groundwater.	
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Additional Remarks

In addition to its pre-1914 rights, the City holds a permit (Permit 5229) to appropriate 1,250 afy from the San Luis Rey River. The City's production of water pursuant to Permit 5229 is reported separately to the SWRCB in Progress Reports by Permittee. See also City of Oceanside's 2017 Progress Report By Permittee (Permit 5229). Historically, poor water quality groundwater in the Mission Basin (the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 89% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1900 mg/L total dissolved solids), which requires that 11% of the City's production is treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Groundwater Purification Facility (MBGPF), which was constructed in 1992, has a combined treated water production capacity of 6.37 million gallons per day, or approximately 7,050 afy (4.4 mgd through the reverse osmosis process and 1.97 mgd as blended water). The treatment process utilizes reverse osmosis to remove dissolved solids from the brackish groundwater extracted from the Mission Basin. The City owns and operates eight production wells and not all are designed to operate simultaneously. Well 3 is a redundant well that is not required to be operated when Wells 1 and 2 are in service due to proximity interferences between all three wells. Additionally, the system was not designed to operate all three onsite wells (Wells 1, 2, and 3) simultaneously. They are meant to be rotated with only one pair/combination of two onsite wells in operation at any given time (based on production targets and aquifer levels). The City has undertaken several significant upgrades of the MBGPF. In 2004, the City expanded the MBGPF's treatment capacity from 2.0 mgd to 6.37 mgd. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at its Mission Basin Groundwater Purification Facility in order to remove 1, 2, 3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 MGD booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain flows throughout the system. In 2016 and 2017, repair and improvements to membrane elements and electrical systems required temporary shutdowns of the MBGPF, which has decreased production temporarily. Upon completion, production may again be increased. This work is necessary to expand the City's capacity to maximize its beneficial use of water pursuant to its pre-1914 rights, and also Permit 5229. Currently, the City is undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to the City's pre-1914 rights. See also City of Oceanside's 2018 Progress Report By Permittee (Permit 5229). The amount reported under Item #8 represents the total amount of water conserved City-wide. The amount reported under item #9 represents the total amount of reduced diversion from the City's wastewater reclamation.

Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Lori
Last Name	Rigby
Relation to Water Right	Diverter of Record
The information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 1-8

[SUMMARY OF FINAL SUBMITTED VERSION]

PROGRESS REPORT BY PERMITTEE FOR 2018

Primary Owner: CITY OF OCEANSIDE
Primary Contact: Water Utilities Department

Date Submitted: 04/01/2019

Application Number: A008418
Permit Number: 005229

Source(s) of Water	POD Parcel Number	County
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego
SAN LUIS REY RIVER		San Diego

MAX Direct Diversion Rate: 12.5 CFS
MAX Collection to Storage: 0 AC-FT
Face Value: 1250 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Municipal	0	01/01 to 12/31	

1. Permit Review

I have reviewed my water right permit	Yes
---------------------------------------	-----

2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
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Description of noncompliance with terms and conditions	
--	--

3. Changes to the Project

Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status

Project Status	Not Complete
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6a. Construction work has commenced	Yes
6b. Construction is completed	No
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	No
6e. Explanation of work remaining to be done	<p>Historically, poor water quality groundwater in the Mission Basin (underflow of the San Luis Rey River) forced the City to import the majority of its supply from the San Diego County Water Authority. Currently, approximately 87% of the City's annual customer demand is met with imported water. Waters diverted through the City's wells is brackish (1600 mg/L total dissolved solids), which requires that 13% of the City's production be treated by reverse osmosis (desalination) and then blended for municipal use. The Mission Basin Desalter Facility (MBDF), which was constructed in 1992, has a treated water production capacity of 6.37 MGD (or approximately 7,050 afy). The City has undertaken several significant upgrades of the MBDF. In 2004, the City expanded the MBDF's treatment capacity from 2.0 MGD to 6.37 MGD. In 2009, the City completed installation of a granular activated carbon (GAC) treatment system at the MBDF in order to remove 1,2,3-Trichloropropane (TCP) from the source water in Wells 1, 2, 3, 9, 10 and 11. Additionally, the City has also upgraded its production and distribution system. In 2014, the City completed construction of a new 4.5 mgd booster station in order to increase the City's water flow from its "320 pressure zone" to its "511 pressure zone," which will maintain distribution flows throughout the system. These upgrades have expanded the City's capacity to maximize its beneficial use of water under Permit 5229. The City owns and operates eight production wells. The City recently received a \$2.6 million grant through the Bureau of Reclamation's Water Infrastructure Improvements Act of 2016 that will fund, among other projects, the construction of two new wells, facilitating the City's maximum beneficial use of water pursuant to Permit 5229. Currently, the City is also undertaking an optimization study of its existing wells to assess whether any improvements are required to maximize the wells' full production potential. The optimization study is in the evaluation stages and further testing will be required to determine whether additional construction will be required to maximize beneficial use of water pursuant to Permit 5229. In 2011, the City filed a Petition for Extension of Time and a Petition for Changes in Point of Diversion and Place of Use. The City's petitions are pending. Note that the date below in 6f is contingent upon the timely completion of the optimization study.</p>
6f. Estimated date of completion	12/31/2019

7. Purpose of Use

Municipal	177362
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Special Use Categories

C1. Are you using any water diverted under this right for the cultivation of cannabis?	No
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8. Maximum Rate of Diversion

Month	Rate of Diversion (Gallons Per Day)
January	0
February	0
March	0
April	0
May	0
June	0
July	0
August	0
September	0
October	0
November	0
December	0

9. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
Total	0	0	0
Type of Diversion	Direct Diversion Only		
Comments	See response to Question 6e above. Additionally: (1) In addition to Permit 5229, the City also holds a senior priority pre-1914 appropriative right to divert up to 7,250 afy from the San Luis Rey River. Water is produced from City wells first pursuant to the City's senior priority pre-1914 right and then pursuant to Permit 5229. The City's production of water pursuant to its pre-1914 appropriative right is reported separately in Statements of Diversion and Use on file with the SWRCB. (2) The City's groundwater production is reduced as a result of the City's importation of water (a "non-tributary source"). Annually, the City's reduced groundwater production is reported separately in Cessation or Reduction in Extraction of Groundwater forms on file with the SWRCB. (3) In compliance with the State's Drought Emergency Regulations, first adopted in May 2015 and then extended in February 2016 and again in February 2017, the City implemented City-wide mandatory conservation of water, which resulted in substantial reduction in demand and reduced groundwater production. (See additional details in response to Question 12 below.)		

Water Transfers	
9d. Water transferred	No
9e. Quantity transferred (Acre-Feet)	
9f. Dates which transfer occurred	/ to /

9g. Transfer approved by	
--------------------------	--

Water Supply Contracts	
9h. Water supply contract	No
9i. Contract with	
9j. Other provider	
9k. Contract number	
9l. Source from which contract water was diverted	
9m. Point of diversion same as identified water right	
9n. Amount (Acre-Feet) authorized to divert under this contract	
9o. Amount (Acre-Feet) authorized to be diverted in 2018	
9p. Amount (Acre-Feet) projected for 2019	
9q. Exchange or settlement of prior rights	
9r. All monthly reported diversion claimed under the prior rights	
9s. Amount (Acre-Feet) of reported diversion solely under contract	

10. Water Diversion Measurement	
a. Required to measure as of the date this report is submitted	Yes
b. Is diversion measured?	Yes
c. An alternative compliance plan was submitted to the division of water rights on	
d. A request for additional time was submitted to the division of water rights on	

Measurement ID number	M001314
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 1 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	92121711
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	10/07/1994
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003

M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	92121711
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement ID number	M001315
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 2 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	92121712
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	10/07/1994
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual

Information for the person who last calibrated the device or designed the measurement method

M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	92121712
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly

M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement ID number	M001316
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 3 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	97032814
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	01/08/1998
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	97032814
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement ID number	M001317
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This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 4 flow meter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	NA
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	09/28/2000
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	dead weight tester
M12. Describe the maintenance schedule for the device/method	annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	NA
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement ID number	M001368
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 5 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	97032815

M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	01/28/2000
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	02/06/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	97032815
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement ID number	M001369
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 9 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	01 4354
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	03/28/2009
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	07/19/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester

M12. Describe the maintenance schedule for the device/method	Annual
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	01 4354
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement ID number	M001370
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 10 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	10 2368
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	09/09/2011
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	05/17/2018
M10. Estimated accuracy of measurement	15%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Will be calibrated on an annual basis
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	

M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	10 2368
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons
M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage date by telemetry to the following website	

Measurement ID number	M001371
This Device/Method was used to measure water during the current reporting period	Yes
M1. Briefly describe the measurement device or method	Pressure transducer and storage capacity curve
M2. Nickname	Well 11 flowmeter
M3. Type of device / method	Pressure transducer
M4. Device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M5. Serial number	10 2367
M6. Model number	3051CD2A02A1AS5M5
M7. Approximate date of installation	09/09/2011
M8. Additional info	
M9. Approximate date the measuring device was last calibrated or the measurement method was updated	05/17/2018
M10. Estimated accuracy of measurement	14%
M11. Description of calibration method	Dead weight tester
M12. Describe the maintenance schedule for the device/method	Will be calibrated on an annual basis
Information for the person who last calibrated the device or designed the measurement method	
M13. Name	Efren Reyes
M14. Phone number	760-535-0539
M15. Email	EReyes@ci.oceanside.ca.us
M16. Qualifications of the individual	
M17. License number and type for the qualified individual above and/or any other relevant explanation	SCADA and Instrumentation technician; CWEA Electrical /Instrumentation Grade 4 #110974003
M18. Type of data recorder device / method	Digital register (flow meter)
M19. Data recorder device make	McCrometer VCone with Rosemont Model 3051 DP Transmitter
M20. Data recorder serial number	10 2367
M21. Data recorder model number	3051CD2A02A1AS5M5
M22. Data recorder units of measurement	Gallons

M23. Frequency of data recording	More frequent than hourly
M24. Additional data recorder info	Data recorded every minute and calculates daily flow in gallons per day.
M25. I am required to report my diversion or storage data by telemetry as of the date this report is submitted	No
M26. I report my diversion or storage data by telemetry to the following website	

Measurement Attachments			
Measurement ID Number	File Name	Description	Size
No attachments			

Measurement Data Files			
Measurement ID Number	File Name	Description	Size
M001314	MBG Monthly Summary_01-Jan 2018.xlsx		12 KB
M001314	MBG Monthly Summary_02-Feb-2018.XLS		23 KB
M001314	MBG Monthly Summary_03-Mar 2018.xlsx		13 KB
M001314	MBG Monthly Summary_04-Apr 2018.xlsx		12 KB
M001314	MBG Monthly Summary_05-May_2018.xlsx		13 KB
M001314	MBG Monthly Summary_06-Jun-2018.XLSX		13 KB
M001314	MBG Monthly Summary_07-Jul_2018.xlsx		13 KB
M001314	MBG Monthly Summary_Aug 2018.xlsx		13 KB
M001314	MBG Monthly Summary_Dec 2018.xlsx		13 KB
M001314	MBG Monthly Summary_Nov 2018.xlsx		12 KB
M001314	MBG Monthly Summary_Oct 2018.xlsx		13 KB
M001314	MBG Monthly Summary_Sep_2018.xlsx		13 KB
M001315	Well data description.xlsx		8 KB
M001316	Well data description.xlsx		8 KB
M001317	Well data description.xlsx		8 KB
M001368	Well data description.xlsx		8 KB
M001369	Well data description.xlsx		8 KB
M001370	Well data description.xlsx		8 KB
M001371	Well data description.xlsx		8 KB

11. Storage					
Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water	
12. Are you now employing water conservation efforts?	Yes
Description of water conservation	See response to Question 9c above. Additionally: The City of Oceanside is a member of the Efficiency Partnership (CalWEP) and the Alliance for Water Efficiency (AWE), both of whom were formerly the California Urban Water Conservation Council. In May 2011, the

efforts	City adopted a Water Conservation Master Plan, updated in June 2016. In order to induce conservation within its service territory, the City utilizes tiered rates, residential and commercial surveys, educational outreach, and ultralow flush toilet and high efficiency clothes washer rebates. The City is in compliance with SBx7 7. The City's GPCD in 2018 was well below target levels. A Level 1 Drought Watch was in effect throughout 2018. Pursuant to the Level One Drought Watch, Oceanside implemented and enforced the following drought measures: water landscapes between 6:00 PM to 10:00 AM; use handheld hose with automatic shut off nozzle to water landscapes with no irrigation system; adjust sprinklers to prevent overspray; repair broken sprinklers; no irrigation 48 hours after a rain event; no irrigation on public street medians; use a broom instead of a hose on paved surfaces; wash vehicles with a bucket and handheld hose with an automatic shutoff nozzle; repair indoor and outdoor leaks within five days of discovery; discontinue use of ornamental fountains; restaurants only to serve water to guests upon request; hotels must give the option of not replacing linens daily; Citywide removal of irrigable turf. The City of Oceanside experienced a 47.5 gallons per capita per day (GPCD) water savings in 2018 (a total of 9,437 acre feet) as compared to the baseline GPCD of 171 used in the City of Oceanside's Water Conservation Master Plan. Moreover, the City has reduced residential water use from 95 GPCD in calendar year 2013 to 71 GPCD in 2018, representing a 25% reduction in per capita residential use.
13. Amount of water conserved	9437 Acre-Feet

Water Quality and Wastewater Reclamation

14. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
15. Amount of reclaimed, desalinated, or polluted water used	449 Acre-Feet

Conjunctive Use of Groundwater and Surface Water

16. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
17. Amounts of groundwater used	

Additional Remarks

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Attachments

File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form

First Name	Lori
Last Name	Rigby
Relation to Water Right	Primary Owner of Record

Information on Certification and Signatory

Name of Person Signing and Certifying the Report	Lori Rigby
Date of Signature	04/01/2019

California Department of Water Resources
Integrated Regional Water Management Grant ProgramsCERTIFICATION FOR GROUNDWATER MANAGEMENT PLAN/SUSTAINABLE
GROUNDWATER MANAGEMENT GRANT COMPLIANCE
FOR THE PROPOSITION 1, IMPLEMENTATION GRANT PROGRAMIRWM Region: San Diego IRWM RegionAgency name: City of National CityProject Title (as shown on application form): Paradise Valley Creek Water Quality and Community
Enhancement - Phase 2

Please check one of the boxes below and sign and date this form.

☐ As the authorized representative for the agency, I certify under penalty of perjury under the laws of the State of California, that the agency is subjected to an adopted Groundwater Sustainability Plan (GSP) or an approved Alternative to a GSP.☐ As the authorized representative for the agency, I certify under penalty of perjury under the laws of the State of California, that the agency has prepared and implemented a GWMP in compliance with CWC §10753.7.☒ As the authorized representative for the agency, I certify under penalty of perjury under the laws of the State of California, that the agency participates or consents to be subjected to an existing GWMP, basin-wide management plan, or other IRWM program or plan that meets the requirements of CWC §10753.7(a).☐ As the authorized representative for the agency, I certify under penalty of perjury under the laws of the State of California that the agency conforms to the requirements of an adjudication of water rights in the subject groundwater basin.☐ As the authorized representative for the agency, I certify under penalty of perjury under the laws of the State of California, that my project is located in a low or very low priority groundwater basin (as defined by the Department of Water Resources) and the agency consents to be subjected to a GWMP that will meet the requirements of CWC §10753.7 and be completed within 1-year of the grant application submittal date.

I understand that the Department of Water Resources will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Department of Water Resources may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

ROBERTO YANOName of Authorized Representative
(Please print)
SignatureDEPUTY CITY ENGINEER

Title

12/10/2019

Date

Appendix 1-9

Melissa Stine

From: Leslie Dumas <ldumas@woodardcurran.com>
Sent: Wednesday, May 8, 2019 10:48 AM
To: Nordberg, Mark@DWR; Cari Dale
Cc: Boland-Brien, Samuel@Waterboards; Springhorn, Steven@DWR; Ross, Timothy@DWR
Subject: RE: Lower San Luis Rey Valley Groundwater Subbasin

Warning: External Source

Hi Mark

Thank you for the connection, and yes, we did see that the Lower San Luis Rey Valley Subbasin is considered very low priority. It will now be up to the City of Oceanside to decide if/how they want to proceed relative to SGMA in the Upper SLRV Subbasin.

Thank you for all your help on this matter.

Leslie

Leslie Dumas, P.E., D.WRE

Senior Water Resources Engineer
916.999.8778
916.224.3316 mobile

From: Nordberg, Mark@DWR <Mark.Nordberg@water.ca.gov>
Sent: Wednesday, May 8, 2019 10:42 AM
To: Leslie Dumas <ldumas@woodardcurran.com>; cdale@ci.oceanside.ca.us
Cc: Boland-Brien, Samuel@Waterboards <Samuel.Boland-Brien@waterboards.ca.gov>; Springhorn, Steven@DWR <Steven.Springhorn@water.ca.gov>; Ross, Timothy@DWR <Timothy.Ross@water.ca.gov>
Subject: RE: Lower San Luis Rey Valley Groundwater Subbasin

Hello Leslie,

I saw you at ACWA yesterday during the Groundwater Committee meeting but couldn't find you afterwards. Sam and I were going to talk with you about your email below.

You'll have to continue discussions with the State Board regarding the subterranean stream flow issue in the Lower San Luis Rey Subbasin, but from a SGMA and prioritization perspective, I hope you are aware of DWR's DRAFT release of prioritization for those basins that incurred a boundary change in 2018/2019. On the DRAFT list, the Lower San Luis Rey Subbasin is considered a very-low priority basin, and only high- and medium-priority basins are required to form GSAs and develop GSPs. Statutory planning deadlines for GSPs are identified in Water Code section 10720.7. The public comment period for prioritization efforts will close on May 30, 2019, if you feel we have made this determination in error. The final prioritization list is expected to be released in early summer.

<https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization>

If you have any questions, please let me know. If the final prioritization list shows the Lower San Luis Rey Subbasin to be a very-low priority subbasin, then a GSA and a GSP is not required.

Thanks, Mark.

Mark S. Nordberg, P.G.

Senior Engineering Geologist
Sustainable Groundwater Management Office
California Department of Water Resources
(916) 651-9673

Mark.Nordberg@water.ca.gov

<https://www.water.ca.gov/Programs/Groundwater-Management>

From: Leslie Dumas <ldumas@woodardcurran.com>

Sent: Friday, March 08, 2019 1:04 PM

To: Boland-Brien, Samuel@Waterboards <Samuel.Boland-Brien@waterboards.ca.gov>; Nordberg, Mark@DWR <Mark.Nordberg@water.ca.gov>

Cc: cdale@ci.oceanside.ca.us

Subject: RE: Lower San Luis Rey Valley Groundwater Subbasin

Hi Sam and Mark

It's been several months since we last reached out to you regarding GSP compliance for the new Lower San Luis Rey Valley (LSLRV) Groundwater Subbasin. We noticed in the recent boundary basin modification results release, that you (DWR) have acknowledge the subdivision of the San Luis Rey Valley Groundwater Basin into and Upper and Lower Subbasin. As we've discussed below, groundwater in the LSLRV Groundwater Subbasin is considered subterranean flow of the San Luis Rey River and is managed as surface water. We believe that, as such, the LSLRV Groundwater Subbasin is exempt from SGMA and is not required to produce a GSP. We (the City) are requesting written concurrence with our conclusions that the presence of subterranean flows in the Lower San Luis Rey Valley Groundwater Subbasin and management of said flows as surface water result in the basin not being subject to the conditions of SGMA. To this end, we are wondering about the status of your (DWR and/or SWRCB) response to this request.

Thank you

Leslie

Leslie Dumas, P.E., D.WRE

Senior Water Resources Engineer
916.999.8778
916.224.3316 mobile

From: Boland-Brien, Samuel@Waterboards <Samuel.Boland-Brien@waterboards.ca.gov>

Sent: Monday, December 17, 2018 9:05 AM

To: Leslie Dumas <ldumas@woodardcurran.com>; Nordberg, Mark@DWR <Mark.Nordberg@water.ca.gov>

Cc: cdale@ci.oceanside.ca.us

Subject: RE: Lower San Luis Rey Valley Groundwater Subbasin

Leslie,

I am in receipt of the letter from Cari and we are working on a response. Thank you for the offer of support; we will let you know if we need anything.

Sam

From: Leslie Dumas <ldumas@woodardcurran.com>

Sent: Saturday, December 15, 2018 7:58 AM

To: Nordberg, Mark@DWR <Mark.Nordberg@water.ca.gov>; Boland-Brien, Samuel@Waterboards <Samuel.Boland-Brien@waterboards.ca.gov>

Cc: cdale@ci.oceanside.ca.us

Subject: Lower San Luis Rey Valley Groundwater Subbasin

Good morning

I am following up with you on behalf of Cari Dale of the City of Oceanside regarding the designation of the Lower San Luis Rey Valley Groundwater Subbasin and the need to comply with SGMA regulations. This email is a follow-up to a letter you should have received from the City of Oceanside regarding this same topic. Specifically, as noted in the letter sent, the San Luis Rey Valley (SLRV) Groundwater Basin (Bulletin 118 Basin 9-7), a medium priority groundwater basin SGMA, was recently subdivided into two subbasins via Assembly Bill (AB) 1944 was passed in September of this past year. This bill divided the SLRV Groundwater Basin into two subbasins: the Lower San Luis Rey Valley (LSLRV) Groundwater Subbasin and the Upper San Luis Rey Valley (USLRV) Groundwater Subbasin. As with other recent basin boundary modifications, this subdivision did not change the prioritization status of the two subbasins and therefore both are still considered to be medium priority and required to comply with SGMA requirements.

Prior to passage of AB1944, in two separate water rights decisions (the 1938 Division of Public Works Decision D-432 and the 2002 SWRCB Decision 1645), groundwater underlying the Pala, Bonsall and Mission Basins (subareas) of the San Luis Rey River were determined to be flowing through defined subterranean channels and were considered, through the water rights decision, to be surface water. As such, groundwater in these three areas have been sustainably managed as surface water flows by the SWRCB Division of Water Rights. With the passage of AB1944 and the afore-mentioned water rights decision, the Upper San Luis Rey Valley Groundwater Subbasin (encompassing the Pala and Pauma Basins or subareas) is characterized by deep percolation to groundwater in the upper portion of the subbasin and as subterranean flow of the San Luis Rey River towards the lower end of the subbasin. The Lower San Luis Rey Valley Groundwater Subbasin (encompassing the Mission and Bonsall Basins or subareas) is characterized by only subterranean flow. Further, subterranean flow within the LSLRV Groundwater Basin is not controlled by surface actions within the basin's boundary and water inputs to the groundwater basin only occur from inflows from the USLRV Groundwater Subbasin. Therefore, as groundwater in the LSLRV Groundwater Subbasin is considered subterranean flow of the San Luis Rey River and is managed as surface water, we believe that the LSLRV Groundwater Subbasin is exempt from SGMA and is not required to produce a GSP. We (the City) are requesting written concurrence with our conclusions that the presence of subterranean flows in the Lower San Luis Rey Valley Groundwater Subbasin and management of said flows as surface water result in the basin not being subject to the conditions of SGMA.

Please let us know when we can obtain this decision in writing and if there is anything we can do to support you in preparing this response. Thank you

Leslie

Leslie Dumas, P.E. D.WRE
Senior Water Resource Engineer
Woodard & Curran

1545 River Park Dr., Suite 425 | Sacramento, CA 95815

Project Number	Watershed	Project Title	Sponsor Organization
52	Carlsbad	Stormwater Harvest and Reuse	San Elijo Joint Powers Authority
23	Carlsbad	South Santa Fe Green Street Project	City of Vista
48	Carlsbad	South Santa Fe Green Street Project	City of Vista
33	Carlsbad	San Marino Drive Green Street and Dry Weather Flow Management	County of San Diego
12	Carlsbad	Alternative Compliance Retrofit Project Mountain View Park, Escondido	City of Escondido
19	Carlsbad	Spruce Street Channel Improvement Project	City of Escondido
16	Carlsbad	City of Oceanside Loma Alta Slough Restoration Project	City of Oceanside
7	Carlsbad	Leucadia Roadside Park Stormwater Capture/Reuse Project	City of Encinitas
13	Carlsbad	Alternative Compliance Retrofit Project El Norte Parkway and Rincon Villa Drive, Escondido	City of Escondido
51	Carlsbad, San Luis Rey River	North San Diego County Potable Reuse Project	City of Oceanside
10	Penasquitos	Pure Water -Los Peñasquitos Creek Urban Dry-Weather Water Harvesting	City of San Diego Public Utilities Department
50	San Diego Bay	San Diego International Airport (SAN) Stormwater Capture and Reuse System	San Diego County Regional Airport Authority
14	San Diego Bay	Nestor Creek Channel Restoration	Earth Island Institute/Alter Terra
44	San Diego Bay	Paradise Valley Creek Water Quality and Community Enhancement	City of National City
37	San Diego Bay	Paradise Creek Restoration Phase II	City of National City
18	San Diego Bay	Main Street Promenade Extension	City of Lemon Grove
17	San Diego Bay	Telegraph Canyon Channel Improvement Project	City of Chula Vista
6	San Diego Bay	Sweetwater River Park Bioretention	City of National City
42	San Diego Bay	Federal Blvd Channel	City of Lemon Grove
9	San Diego Bay	Bakersfield Street and San Altos Channel Restoration	City of Lemon Grove
39	San Diego Bay	Golden Ave Green Street	City of Lemon Grove
20	San Diego Bay	Broadway/Federal Blvd Green Street	City of Lemon Grove
22	San Diego Bay	Lemon Grove Avenue Green Streets	City of Lemon Grove
26	San Diego Bay	North Ave and Grove St Green Street	City of Lemon Grove
28	San Diego Bay	San Miguel Green Street	City of Lemon Grove
29	San Diego Bay	Central Avenue Green Street	City of Lemon Grove
30	San Diego Bay	Mt. Vernon St Green Street	City of Lemon Grove