



**ENGINEERING & OPERATIONS
BOARD OF DIRECTORS' MEETING
MOULTON NIGUEL WATER DISTRICT
27500 La Paz Road, Laguna Niguel
June 16, 2014
9:00 AM
Approximate Meeting Time: 2 Hours**

**THIS BOARD MEETING WILL INCLUDE TELECONFERENCING AT THE
FOLLOWING LOCATION: 12025 CEDAR SHORE ROAD, ELLISON BAY,
WISCONSIN**

1. CALL MEETING TO ORDER
2. APPROVE THE MINUTES OF THE MAY 12, 2014 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' MEETING
3. PUBLIC COMMENTS
Persons wishing to address the Board of Directors on matters not listed on the Agenda may do so at this time. "Request To Be Heard" forms are available at the entrance to the Board Room. Comments are limited to five minutes unless further time is granted by the Presiding Officer. Submit form to the Recording Secretary prior to the beginning of the meeting.

Those wishing to address the Board of Directors on any item listed on the Agenda should submit a "Request To Be Heard" form to the Recording Secretary before the Presiding Officer announces that agenda item. Your name will be called to speak at that time.

PRESENTATION ITEMS

4. Second Lower Cross Feeder
5. Municipal Water District of Orange County (MWDOC) Water Purchases

DISCUSSION ITEMS/ACTION ITEMS

6. Amendment No. 5 to Agreement with ATS Communications for FY 2014-15
7. Amendment No. 2 to Agreement with Environmental Compliance Inspection Services (ECIS)
8. Revision to Turf Removal Rebate Incentive
9. Rebate Applications for Turf Removal

10. FY 2014-15 Meter Maintenance and Replacement Program

11. MET REPRESENTATIVE SELECTION

It is recommended that the Board of Directors approve submitting Larry B. McKenney to the Nomination Committee to further evaluate and provide a nomination to the Municipal Water District of Orange County, which is the agency responsible for appointing the MET representative.

INFORMATION ITEMS

12. Conservation Rules and Regulations

13. Joint Powers Authority Quarterly Update

14. Late Items (Appropriate Findings to be Made)

- a. Need to take immediate action; and
- b. Need for action came to District's attention after Agenda Posting. [Requires 2/3 vote (5 members) or unanimous vote if less than 2/3 are present]

CLOSED SESSION

15. CONFERENCE INVOLVING A JOINT POWERS AGENCY: SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (SOCWA) (Legal Counsel in attendance)

Pursuant to Government Code Section 54956.96 (a) (1) and (b), a Closed Session will be conducted as follows:

Discussion will concern: Anticipated/Threatened Litigation (One Case), Government Code Section 54956.9(a)-(d)(2)

Name of MNWD representative on SOCWA Board: Director Larry Lizotte

ADJOURNMENT

The Board of Directors' Meeting Room is wheelchair accessible. If you require any special disability related accommodations (i.e., access to an amplified sound system, etc.), please contact the Moulton Niguel Water District Secretary's office at (949) 831-2500 at least forty-eight (48) hours prior to the scheduled meeting. This agenda can be obtained in alternate format upon written request to the Moulton Niguel Water District Secretary at least forty-eight (48) hours prior to the scheduled meeting.

Agenda exhibits and other writings that are disclosable public records distributed to all, or a majority of, the members of the Moulton Niguel Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the District Office, 27500 La Paz Road, Laguna Niguel, CA ("District Office"). If such writings are distributed to members of the Board less than seventy-two (72) hours prior to the

meeting, they will be available in the reception area of the District Office at the same time as they are distributed except that, if such writings are distributed immediately prior to, or during the meeting, they will be available in the Board meeting room and on the District website at www.mnwd.com.



DRAFT
MINUTES OF THE REGULAR MEETING OF THE
ENGINEERING & OPERATIONS BOARD OF DIRECTORS OF THE
MOULTON NIGUEL WATER DISTRICT

May 12, 2014

A Regular Meeting of the Engineering & Operations Board of Directors of the Moulton Niguel Water District was held at the District offices, 27500 La Paz Road, Laguna Niguel, California, at 9:00 AM on May 12, 2014. There were present and participating:

DIRECTORS

Scott Colton	Director
Richard Fiore	Director
Donald Froelich	Vice President/Chair
Gary Kurtz	Director
Larry Lizotte	Director
Larry McKenney	President
Brian Probolsky	Vice President

Also present and participating were:

STAFF MEMBERS, LEGAL COUNSEL, AND MEMBERS OF THE PUBLIC

Joone Lopez	General Manager
Matt Collings	Assistant General Manager
Marc Serna	Director of Engineering & Operations
Gina Hillary	Director of Human Resources
Kelly Winsor	Assistant to the General Manager
Pat Giannone	Bowie, Arneson, Wiles & Giannone
Paige Gulck	Board Secretary
Eva Plajzer	Assistant Director of Engineering
Todd Novacek	Assistant Director of Operations
Ray McDowell	MNWD
Megan Geer	MNWD
Nancy Baker	MNWD
Rod Woods	MNWD
Matt Weber	Downey Brand

#2.

1. CALL MEETING TO ORDER

The meeting was called to order by Donald Froelich at 9:01 a.m.

2. APPROVE THE MINUTES OF THE APRIL 14, 2014 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' MEETING

MOTION DULY MADE BY GARY KURTZ AND SECONDED BY SCOTT COLTON, MINUTES OF THE APRIL 14, 2014 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS MEETING WERE APPROVED AS PRESENTED. THE VOTE WAS UNANIMOUS WITH DIRECTORS SCOTT COLTON, RICHARD FIORE, DONALD FROELICH, GARY KURTZ, LARRY LIZOTTE, LARRY MCKENNEY, AND BRIAN PROBOLSKY ALL VOTING 'AYE'.

3. PUBLIC COMMENTS

Rod Woods, the new Senior Engineer was introduced to the Board of Directors.

PRESENTATION ITEMS

4. Capital Improvement Program and Joint Powers Authorities Budget Review

Eva Plajzer presented the Draft Capital Improvement Program (CIP) and Budget. Discussion ensued regarding prioritization of projects.

Matt Collings presented the Draft Joint Powers Authorities Budget. Discussion ensued regarding budgetary numbers for South Orange County Wastewater Authority (SOCWA), San Juan Basin Authority (SJBA), Santiago Aqueduct Commission (SAC), and Joint Regional Water Supply System (JRWSS).

DISCUSSION ITEMS

5. East Aliso Creek Reservoir Coating; Project 2013.001 Construction Contract Award

Marc Serna presented the East Aliso Creek Reservoir project. Bids were solicited and staff recommends awarding the contract to J. Colon Coating, with the bid of \$2, 202,718.

6. Agreement for Pest Control Services

Marc Serna presented the Agreement for Pest Control Services. Bids were solicited and staff recommends awarding the contract to Newport Exterminating, with the bid of \$85,260.

- 7. Extension of Service Agreement for Annual Landscaping Maintenance Services for FY 2014-15

Joone Lopez requested a one-year contract extension with Sunset Landscape Maintenance, Inc. for the amount of \$163,622 for maintenance of the District's facilities.

INFORMATION ITEMS

- 8. Quarterly Capital Improvement Program Report

Joone Lopez stated that the quarterly update is available in the agenda packet. Matt Collings added that updates on the CIP will be presented through this venue.

- 9. 2014 Consumer Confidence Report

Joone Lopez stated that the 2014 Consumer Confidence Report is available in the agenda packet.

- 10. Late Items (Appropriate Findings to be Made)

Staff has none.

CLOSED SESSION

- 11. CONFERENCE WITH REAL PROPERTY NEGOTIATORS, Pursuant to Government Code Section 54956.8

Property: 27500 La Paz Road, Laguna Niguel CA 92677 & 26161 Gordon Road, Laguna Hills, CA 92653

Under Negotiation: Price and terms of payment

Real Property Negotiators: Joone Lopez, Matt Collings, Kevin Turner, Mike Hartel

Larry McKenney stated that there was no reportable action from closed session.

ADJOURNMENT

The meeting was adjourned at 12:04 p.m.

Respectfully submitted,

Paige Gulck
Board Secretary



Moulton Niguel Water District

STAFF REPORT

TO: Board of Directors

MEETING DATE: June 16, 2014

**FROM: Marc Serna, Director of Engineering and Operations
Eva Plajzer, Assistant Director of Engineering**

**SUBJECT: Amendment No. 5 to Agreement with ATS Communications for
FY 2014-15**

SUMMARY:

Issue: Staff requests an amendment to the professional services agreement for Telecom Group Partners Corp., a California Corporation, d/b/a ATS Communications (ATS) and an increase in the contract amount.

Recommendation: It is recommended that the Board of Directors approve Amendment No. 5 with ATS Communications for a not-to-exceed amount of \$90,000 for FY 2014-15 for a total contract value of \$338,357; and authorize the General Manager to execute Amendment No. 5 to the Professional Services Agreement.

Fiscal Impact: The funds for this amendment to the agreement have been included in the FY 2014-15 Operating Budget.

BACKGROUND:

In the 1990s, the District approved the first communication facility to be constructed on one of the District's sites. As the communication industry grew, the District was repeatedly approached about use of District sites for communication facilities. The District developed the Communications License Program (Program) with a primary objective to provide an economic benefit to the District's ratepayers through a monthly lease program. The District's first responsibility is to provide water and wastewater service to its customers, and development of the Program should not interfere with the District's ability to provide that quality service. With those objectives in place, the District's Board of Directors (Board) approved a Communications Lease Agreement and Lease Policy, which was implemented on January 1, 2001 and updated to a Communication License Agreement and License Policy on March 15, 2012. Since that time, the District's Program has grown to include 56 agreements.

#6.

These communications facilities are distributed among 17 of the District's sites. The Program currently generates about \$1.6 million in revenues to the District each fiscal year.

Since the Program began in the 1990s, the District's engineering staff has administered the development of new agreements and modifications to existing agreements. The administration of the Program included implementation of Board policy, point of contact with the existing or proposed cell carrier, plan check review of the construction documents, approval of new agreements or amendments, inspection of communication facility construction activities, and oversight of the monthly lease payments. As the number of agreements grew, the Program required a significant time commitment from staff.

DISCUSSION:

Staff issued a request for proposals (RFP) for On-Call Professional Services in August 2010 for technical assistance and administration of the District's Communication Cell Site Lease Program (Program). Staff received five proposals and selected ATS. The scope of the services was to be determined based on support needs for the Program. ATS assists staff with cell site plan reviews, technical expertise regarding cell site issues, new license and existing lease amendment negotiations, site assessments, review of existing leases for compliance, implementation of policies and procedures for the Program, and various day to day communication with cell site carriers.

This agreement is funded through the Operating Budget and the historical and proposed expenditures are listed in the table below:

Fiscal Year	Expenditures
2010-11	\$8,357
2011-12	\$70,000
2012-13	\$80,000
2013-14	\$90,000
Proposed 2014-15	\$90,000
Total to Date	\$338,357

Staff is proposing a budget of \$90,000 for ATS for the FY2014-15. ATS will continue to assist the District at a similar service level as the previous fiscal year. The number of projects that the cell carriers have proposed or are currently in the process has remained high. Currently, staff has 28 active projects and 12 lease amendments with the cell carriers in addition to regular activities. If the level of effort from ATS to process these projects is less than the proposed budget, ATS will utilize the funds to review cell facilities at each site and determine if additional space can be made available for licensing purposes.

Attachment: Amendment No. 5 to Agreement with ATS Communications

**AMENDMENT NO. 5 TO AMEND AND FUND THE AGREEMENT
FOR CONSULTING SERVICES FOR COMMUNICATION LEASE PROGRAM
Telecom Group Partners Corp., a California Corporation, dba ATS Communication**

This Amendment No. 5 is entered into and effective as of the _____ day of _____, 2014, amending the agreement dated October 29, 2010 (the "Agreement") by and between the Moulton Niguel Water District, a California Water District ("MNWD"), and Telecom Group Partners Corp., a California Corporation, dba ATS Communication ("Contractor") (collectively, the "Parties") for consulting services for the communication lease program.

RECITALS

A. On August 10, 2011, the Parties executed Amendment No. 1 to the Agreement to extend the agreement until June 30, 2012 and increase fee by \$30,000.00 to an agreement total of \$38,357; and

B. On March 12, 2012, The Parties executed Amendment No. 2 to the Agreement to increase the fee by \$40,000.00 for an agreement total of \$78,357 for the duration of this agreement; and

C. On August 10, 2012, The Parties executed Amendment No. 3 to the Agreement to increase the fee by \$80,000.00 for an agreement total of \$158,357 for the duration of this agreement; and

D. On July 19, 2013, The Parties executed Amendment No. 4 to the Agreement to increase the fee by \$90,000.00 for an agreement total of \$248,357 for the duration of this agreement; and

E. The Parties have negotiated and agreed to an extension of the agreement until June 30, 2015 for an additional not-to-exceed amount of \$90,000 for an agreement total of \$338,357.

NOW, THEREFORE, in consideration of these recitals and the mutual covenants contained herein, MNWD and Contractor agree as follows:

1. In order to continue the service in the scope of work of the Agreement, as may have been amended from time to time, the Parties agree, with this Amendment, that the total Agreement amount shall not **exceed three hundred thirty eight thousand three hundred fifty seven dollars (\$338,357.00)**.

2. MNWD will pay the Contractor for all work associated with those services on a time and materials basis not-to-exceed **ninety thousand dollars (\$90,000)** for this Amendment. Contractor will provide MNWD, on a monthly basis, copies of invoices sufficiently detailed to include hours performed, hourly rates, and related activities and costs for approval by MNWD.

3. Contractor will complete all work for this Amendment by **June 30, 2015**.

4. All other provisions of the Agreement, as may have been amended from time to time, will remain in full force and effect. In the event of any conflict or inconsistency between

#6.

the Agreement and previous amendments and this Amendment No. 5, the terms of this Amendment No. 5 shall control.

5. All requisite insurance policies to be maintained by the Contractor pursuant to the Agreement, as may have been amended from time to time, will include coverage for this Amendment.

6. The individuals executing this Amendment and the instruments referenced in it on behalf of Contractor each represent and warrant that they have the legal power, right and actual authority to bind Contractor to the terms and conditions of this Amendment.

CONTRACTOR
TELECOM GROUP PARTNERS
CORP., A CALIFORNIA
CORPORATION, DBA ATS
COMMUNICATION

MOULTON NIGUEL WATER
DISTRICT, a California Water District

By:

By:

(sign here)

General Manager

(print name/title)

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors

MEETING DATE: June 16, 2014

**FROM: Marc Serna, Director of Engineering and Operations
Brad Bruington, Utilities Maintenance Superintendent**

**SUBJECT: Amendment No. 2 to Agreement with Environmental Compliance
Inspection Services (ECIS)**

SUMMARY:

Issue: Staff requests an amendment to the Agreement with Environmental Compliance Inspection Services (ECIS) for Grease Control Device Inspection and Grease BMP Inspection (FOG Inspection Services) and an increase in the agreement amount for Fiscal Years 2014-15 and 2015-16.

Recommendation: It is recommended that the Board of Directors authorize the General Manager to execute Amendment No. 2 to the Agreement with ECIS for a total amount not-to-exceed \$280,000 to perform the FOG Inspection Services during Fiscal Years 2014-15 and 2015-16.

Fiscal Impact: Sufficient funds have been requested in the FY 2014-15 and FY 2015-16 operating budgets.

BACKGROUND:

In execution of the District's Sewer System Management Plan (SSMP), the District performs monthly inspections of approximately 300 grease control devices. Additionally, the Fats, Oils, and Grease (FOG) Program requires the District to perform bi-annual inspections of approximately 430 food service establishments within the District to review kitchen best management practices (BMP) compliance as required by the District's FOG Policy. These services are critical to protect the District's wastewater collection system from potential blockages by ensuring appropriate grease protection at the various food service establishments.

#7.

Per the District's FOG Policy, the food service establishments also pay an annual permit fee as part of their permit renewal. As of June 1st, the District collected approximately \$33,000 in permit fees in FY 2013-14 to offset the implementation costs of the FOG Program.

DISCUSSION:

ECIS provided wastewater pretreatment inspection to the District for approximately 10 years through a contract with the South Orange County Wastewater Authority (SOCWA). At the beginning of Fiscal Year 2010-11, the District contracted directly with ECIS. ECIS has tremendous experience with the issues and concerns related to the existing pretreatment program within the District's service area and the surrounding communities. ECIS contracts with South Coast Water District, City of Laguna Beach, City of Newport Beach, and City of Buena Park, among others.

Further, ECIS has been integral in the implementation of the FOG program and will continue to play a key role in the review, update, and implementation of a revised policy. This particular contract requires a firm that has a well-developed reputation with the District's existing restaurants and will represent the District in a professional and courteous manner while remaining steadfast in execution of District Policy. ECIS continues to demonstrate its capability in representing the District appropriately.

Through its FOG Inspection Services, ECIS provides the District with monthly grease interceptor inspection, bi-annual kitchen inspection at each of the District's 400+ restaurants to check for proper posters, employee training and other documentation required by the District's FOG policy, design and maintenance of a database of all grease dischargers within the District's service area, handling of all Notices of Noncompliance and consequent tracking, cooperation with City & Health Department personnel, inspections of all installations of grease interceptors, and providing restaurant owners & managers with BMP information.

District staff requested a proposal from ECIS to provide the necessary services for two one-year terms for FY 2014-15 and 2015-16. ECIS proposes to allocate \$112,000 per year for Grease Control Device Inspections and \$28,000 per year for Grease BMP Inspections for a total fiscal year commitment of \$140,000 per year (\$280,000 total for FY 2014-15 and 2015-16).

The Agreement is funded through the Operating Budget and the historical and proposed expenditures are listed in the table below:

Fiscal Year	Agreement Amount
2012-13 Agreement	\$138,000
2013-14 Amendment	\$140,000
Proposed Amendment 2014-15	\$140,000
Proposed Amendment 2015-16	\$140,000
Total Agreement	\$558,000

ECIS fees are based on the number of inspections required to review all grease control devices and each food service establishment. ECIS fees have not changed over the past four years of service working directly with the District.

A draft of Amendment No. 2 is provided as Attachment 1 for reference. The District's standard ten day termination clause is included as a provision in the original Agreement.

Attachment: Amendment No. 2 to the Agreement for Services 2014-15 through 2015-16.

**AMENDMENT NO. 2 TO EXTEND THE CONSULTING SERVICES AGREEMENT
BETWEEN MOULTON NIGUEL WATER DISTRICT AND
ENVIRONMENTAL COMPLIANCE INSPECTION SERVICES RE:
ANNUAL GREASE CONTROL DEVICE INSPECTION AND GREASE BMP INSPECTIONS
FY2014-15; CONTRACT NO. OM12-13.013**

This Amendment No. 2 (this "Amendment") is entered into and effective as of _____, 2014, amending the Consulting Services Agreement, dated August 12, 2012, as amended (the "Agreement") by and between the Moulton Niguel Water District ("MNWD"), and Environmental Compliance Inspection Services (ECIS) ("Consultant") (collectively, the "Parties") for furnishing and performance of grease control and grease best management practices inspection services.

RECITALS

A. On August 20, 2013, the Parties executed Amendment No. 1 to extend the Agreement through June 30, 2014 and increase the contract amount by \$140,000 for a not-to-exceed agreement total of \$278,000.

B. MNWD desires to extend the Agreement for an additional one (1) year term.

NOW, THEREFORE, in consideration of these recitals and the mutual covenants contained herein, MNWD and Contractor agree as follows:

1. The Agreement term is hereby extended through June 30, 2015.
2. MNWD will pay Consultant for all services associated with this Amendment a not-to-exceed amount of one hundred forty thousand dollars (\$140,000) in accordance with the payment terms of the Agreement. The Parties agree that the total Agreement amount, including this Amendment, shall not exceed four hundred eighteen thousand dollars (\$418,000.00).
3. Upon the expiration of this Amendment, MNWD shall have the option to renew the Agreement for an additional one (1) year term through June 30, 2016, at the same pricing as listed in this Amendment. An extension will be based upon a satisfactory review of Consultant's performance, District's needs, and appropriation of funds by the District Board of Directors. The parties will prepare a written amendment indicating the effective date and length of the extended Agreement.
4. Consultant will complete all work for this Amendment by June 30, 2015.
5. All other provisions of the Agreement, as may have been amended from time to time, will remain in full force and effect. In the event of any conflict or inconsistency between the Agreement and previous amendments and this Amendment No. 2, the terms of this Amendment No. 2 shall control.
6. All requisite insurance policies to be maintained by the Consultant pursuant to the Agreement, as may have been amended from time to time, will include coverage for this Amendment.

#7.

7. The individuals executing this Amendment and the instruments referenced in it on behalf of Consultant each represent and warrant that they have the legal power, right and actual authority to bind Consultant to the terms and conditions of this Amendment.

ENVIRONMENTAL COMPLIANCE
INSPECTION SERVICE

MOULTON NIGUEL WATER
DISTRICT, a California Water District

By:

By:

(sign here)

General Manager

(print name/title)

(e-mail address)



Moulton Niguel Water District

STAFF REPORT

TO: Board of Directors

MEETING DATE: June 16, 2014

FROM: Matt Collings, Assistant General Manager

SUBJECT: Revision to Turf Removal Rebate Incentive

SUMMARY:

Issue: The District is proposing to reduce the rebate incentive for turf removal in light of the increased incentive from the Metropolitan Water District of Southern California.

Recommendation: It is recommended that the Board of Directors authorize the reduction of rebate incentives for turf removal from \$1.50 per square foot to \$0.50 per square foot, in response to increased rebate incentives from the Metropolitan Water District of Southern California.

Fiscal Impact: There is no proposed revision to the Water Efficiency Fund budget for various incentive programs. Additional funding would be available for other programs as identified.

BACKGROUND:

Since the inception of the rebate program in fall of 2011, the District has offered a rebate of \$1.50 per square foot for turf removal. Water smart landscapes can decrease water use up to 70 percent through a combination of proper plant selection and irrigation technology. The District's turf replacement program is designed to help residents, businesses, and public agencies reduce water consumption for turf and encourage customers to change their landscaping to more climate-appropriate landscaping. The District has executed more than 360 rebates for turf removal since the program began totaling nearly \$500,000 in rebates. Recently, the District has received several applications for much larger turf removal projects totaling more than 800,000 square feet, which the District is currently working with its customers to process.

#8.

DISCUSSION:

Increased participation in turf removal programs is occurring throughout the service area in response to the current drought. Recently, the Metropolitan Water District of Southern California (MET) has doubled their funding for water-use efficiency and conservation programs from \$20 million to \$40 million. The increased funding will go to increase outreach efforts, recycled water retrofit programs, and increase incentives for rebates. In May, the MET Board approved increasing rebate incentives for turf removal from \$1.00 per square foot to \$2.00 per square foot. For all applications submitted after May 14, 2014, customers are eligible to receive up to \$2.00 per square foot in rebates for turf removal. Any application received prior to this date will receive \$1.00 dollar per square foot from MET.

Staff is proposing to reduce the District's rebate incentive for turf removal from \$1.50 per square foot to \$0.50 per square foot for rebate applications received after May 14th. The total rebate available to the District's customers would remain at \$2.50 per square foot. Staff believes this is a reasonable incentive for turf removal. Applications for turf removal continue to rise.



Moulton Niguel Water District

STAFF REPORT

TO: Board of Directors

MEETING DATE: June 16, 2014

FROM: Matt Collings, Assistant General Manager
Doug Zytkevicz, Superintendent of Customer Service

SUBJECT: Rebate Applications for Turf Removal

SUMMARY:

Issue: The District has received several additional requests for rebate applications that exceed the maximum allowable acreage for turf removal as defined in the approved Board Policy.

Recommendation: It is recommended that the Board of Directors authorize the additional rebate applications received by the District for the identified projects without a limitation on the maximum allowable acreage for each rebate application, in response to current drought emergency.

Fiscal Impact: Sufficient funds are available within the Water Efficiency Fund to fund the identified rebate applications.

BACKGROUND:

Approximately half of the water used at the typical home is for outdoor landscape. Water smart landscapes can decrease water use up to 60 percent through a combination of proper plant selection and irrigation technology. However, the cost of installing climate-applicable plants is sometimes an obstacle to turning traditional grass yards into more water-efficient environments. The District's turf replacement program is designed to help residents, businesses, and public agencies make that conversion. However, the current program provides limitations on the amount of turf removal that qualifies for the rebate.

- Residential Customers: A maximum of 1,000 square feet per customer for turf removal.
- Commercial customers: Turf removal is limited to 3,000 square feet per customer.

#9.

As of May 14, 2014, each customer is eligible to receive up to \$2.00 per square foot in rebates from the Metropolitan Water District of Southern California (MET) rebate program for turf removal only. Staff is proposing to supplement the \$2.00 per square foot turf removal rebate from MET with an additional \$0.50 per square foot for a total rebate funding level of \$2.50 per square foot.

DISCUSSION:

In April, the Board of Directors voted to approve the expansion of the Districts outreach efforts to promote water use efficiency in response to the drought emergency. The customers have continued to respond to the Governor's call to action resulting in additional requests that exceed the maximum allowable acreage for turf removal. An additional 28,500 square feet from two different commercial sites are pending Board approval.

Customer	Proposed Turf Removal (Sq. Feet)	Proposed Rebate Value (\$)
Nellie Gail Ranch HOA	7,800	\$3,900
Regency Center, Laguna Niguel Plaza	20,554	\$10,277

(1) Rebate values were determined based on \$0.50 per square foot of turf removed

As a condition for the rebate, all of the projects are required to be completed within the next 12 months. The total rebate value anticipated from the additional two projects is approximately \$14,000. Removal of the maximum acreage by the Board of Directors does not constitute an approval of the rebate application, but allows the application to be considered for the full amount of turf removal.

The current program requires participants to sign up and receive approval for participation before removing turf. Staff is proposing that the cap limitations be removed for a period of one year in which each entity would complete the defined projects. If a project is not completed within that time frame, a new application could be submitted and considered.

Attachments:

1. Exhibit No. 1 – The Nellie Gail Ranch HOA
2. Exhibit No. 2 – Regency Center – Laguna Niguel Plaza

Nellie Gail HOA Turf Removal Laguna Hills



Nellie Gail HOA
7,800 Sq. Ft. of Turf Removal

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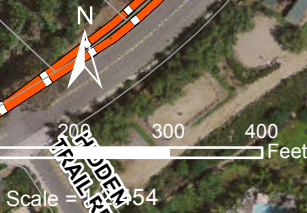
NELLIE GAIL RD

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ROCKING HORSE LN

NELLIE GAIL RD

EMPTY SADDLE DR

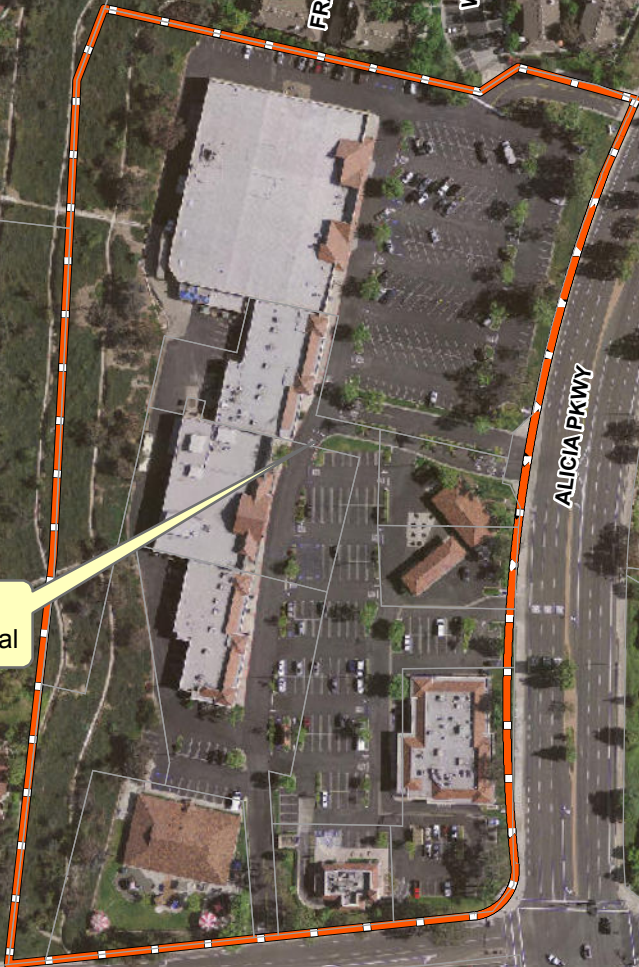


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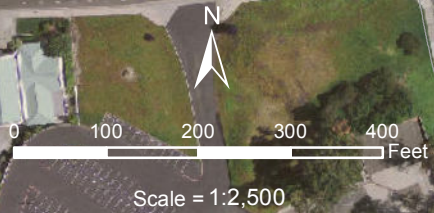
Regency Center Turf Removal Laguna Niguel Plaza



Laguna Niguel Plaza
20,554 Sq. Ft. of Turf Removal



-21-



#9.

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Moulton Niguel Water District

STAFF REPORT

TO: Board of Directors

MEETING DATE: June 16, 2014

**FROM: Marc Serna, Director of Engineering and Operations
Megan Geer, Contracts and Procurement Manager**

SUBJECT: Fiscal Year 2014-15 Meter Maintenance and Replacement Program

SUMMARY:

Issue: Staff requests authorization to procure meters for Fiscal Year (FY) 2014-15 for the meter maintenance and replacement program.

Recommendation: It is recommended that the Board of Directors authorize meter and meter-related purchases for an amount not-to-exceed \$815,000 for FY 2014-15.

Fiscal Impact: Sufficient funds are included in the proposed FY 2014-15 operating budget for consideration by the Board of Directors.

BACKGROUND:

The District has 54,918 meters that provide potable and recycled water service to the District’s customers. The meters range in size from 5/8-inch to 10-inch, depending on the type of usage and volume of flow.

The Customer Service Department maintains, repairs, and replaces these meters on an on-going basis as necessary. On average, staff replaces approximately 1,000 meters and performs additional maintenance on approximately 1,600 meters each year.

Staff estimates that for FY 2014-15 approximately 750 meters will need to be replaced as a result of maintenance-related activity. Table 1 summarizes the various maintenance activities completed in FY 2013-14.

#10.

Type of Activity	Count
Meter Replacements	481
Register Replacements	48
Port Replacement	650
Lid Replacements	97
Chamber Replacements	2

In addition to regular maintenance, District staff also performs meter replacement projects to replace obsolete and worn-out meters. Meters have an average life of about 15 to 20 years. Worn-out meters will begin to lose accuracy and typically have an increase in maintenance needs. Obsolete meters cannot be repaired because of the unavailability of parts. The replacement of these meters is achieved through the annual meter replacement program. Staff will periodically test water meters from commercial and residential routes for accuracy and evaluate the routes for repair history. Depending on the age, test performance, and repair history of a particular route, meters in a particular route or development tract may need to be replaced. For FY 2014-15, staff has evaluated and identified various routes for residential meter replacement. Table 2 summarizes the areas of the replacements.

Subdivision and Route	Number of Meters	Age of Existing Meters, years
Asti, Route 1-14	327	23
Argos, Route 1-53	367	25
Glen Cove, Route 1-73	293	25
Pointe Royale, Route 1-93	161	25
La Bajada, Route 2-113	204	26
De La Plata, Route 1-120	151	25
Blackbird, Route 6-14	554	20
Condor, Route 6-15	172	26
Meadowbrook, Route 6-34	359	24
Total	2,588	

The meters in Table 2 represent the residential component of the replacement program with mostly 3/4-inch and 1-inch meters. Meter parts and components may also need to be replaced. These include meter box lids, gaskets, mechanical joint couplings, and other auxiliary parts as needed and are purchased from various vendors.

In addition to residential meters, the District has approximately 2,487 irrigation meters in service, consisting of both 1½" and 2" meters. In a typical year, the District repairs or replaces approximately 180 irrigation meters due to meter wear or malfunction. In 2014, the model of irrigation meters used by the District was discontinued by the manufacturer along with its replacement parts. Because of this, the District will no longer be able to order parts necessary for repairs and instead will be required to purchase new meters to have on hand for replacement as the meters fail. Based on prior year repair and replacement levels, the District plans to purchase approximately 200 irrigation meters for FY 2014-15 replacement purposes.

Meters are also sold to the public when new developments are constructed and customers up-size their services. Approximately 100 meters were sold to the public in FY 2013-14. Staff does not anticipate a significant change in public meter sales in the upcoming fiscal year as there are limited numbers of vacant, un-metered parcels within the District's boundary. Staff requests that the District purchase 100 new meters in order to replenish the new meter inventory for FY 2014-15 meter sales.

DISCUSSION:

The meters used in the District are primarily Sensus and Neptune Technology Group (Neptune) electromagnetic meters. These meters are used because of their history of good performance and accuracy. Only the products that show consistently accurate readings and have reliable performance are selected for District use.

For the FY 2014-15 meter maintenance and replacement program, staff began the procurement process at the beginning of calendar year 2014 by requesting current information on meter technology and pricing of meters from the various meter manufacturers. Staff carefully reviewed the information provided for compatibility with current meters and the District's network, past performance history, bench testing results, technological flexibility, available features, and ease of installation.

Four of the six meter manufacturers approached by staff met with the District's technical specifications for electromagnetic meters: Metron-Farnier, Sensus, Neptune and Badger Meter. Staff requested detailed price quotes from these companies for their product lines. Master Meter and Mueller-Hersey only offer positive displacement meters which the District no longer uses and, consequently, did not meet the District's current meter specifications.

The companies that provided the most competitive prices were Sensus, Neptune and Badger. The product lines for these companies were further evaluated and tested for reading accuracy, features, and installation ease. Staff determined that the iPerl 3-wire electromagnetic meter provided the best available technology. The meter has a large flow range providing for better reading accuracy, composite body with no lead that will meet any future reductions in allowable lead, various alarms such as empty pipe, battery, reverse flow, leak, and reduced maintenance via a one piece composite

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body without gaskets or strainers. Based on the features of the meters, the Sensus iPerl meter provides the best value to the District. Sensus sells their meters through retail distributor, Aqua Metric.

Staff also reviewed pricing of meter lids from the two meter lid manufacturers available.

The price quotes from the four qualified meter manufacturers and two meter lid manufacturers are listed in Table 3.

Manufacturer & Type	¾-inch Meter	1-inch Meter	1½-inch Meter	2-inch Meter	Meter Lids
Metron-Farnier, LLC – Innov8	\$145.00	\$285.00	Not available	Not available	
Sensus – iPerl 3-wire	\$115.86	\$148.75	\$796.31	\$944.57	
Neptune – T-10 E-Coder	\$116.50	\$175.00	\$767.00	\$885.00	
Badger Meter	\$115.00	\$153.26	\$656.00	\$732.00	
LG Supply – Meter Lids					\$19/each
Armorcast – Meter Lids					\$18.85/each

Although the 1½-inch and 2-inch meters manufactured by Badger and Neptune have a lower per-meter cost than Sensus, they do not have the same capabilities. Neptune does not offer a test port on their meters for reliability testing, which is a functionality the District utilizes frequently. Badger meters have a flow range which limits their ability to measure low flows of water. Additionally, the Neptune and Badger meters are analog meters that do not have digital reporting capability.

With respect to meter lids, LG Supply and Armorcast have similar pricing. However, LG Supply provides a higher quality, and more aesthetic lid design that better satisfies the District's standards. Because the price difference is minimal, staff recommends the purchase of the higher quality LG Supply lids.

In order to accomplish the maintenance and replacement projects for FY 2014-15, the District will need to expend funds with AquaMetric and LG Supply. Staff recommends the following meter purchases for FY 2014-15 as listed in Table 4.

Table 4 Meter Purchase Recommendations		
Description	Supplier	Amount*
Residential Meter Replacement	Aqua Metric	\$330,100
Standard Meter System Maintenance	Aqua Metric	\$211,600
Irrigation Meter Replacement	Aqua Metric	\$182,000
New Meter Sales Inventory	Aqua Metric	\$40,000
Meter Lids	LG Supply	\$51,300
	TOTAL	\$815,000

*Dollar amounts include meter parts and appurtenances.



Moulton Niguel Water District

STAFF REPORT

TO: Board of Directors **MEETING DATE:** June 16, 2014

FROM: Matt Collings, Assistant General Manager

SUBJECT: Joint Powers Authority Quarterly Update

SUMMARY:

Issue: The District participates in several Joint Powers Authorities and other regional partnerships or programs that impact District operations and finances.

Recommendation: This is an information item only.

Fiscal Impact: The District has adopted a Fiscal Year 2013-14 budget of \$9,332,885 for Operating and Maintenance Expenses and \$7,059,013 for Capital Expenses associated with various Joint Powers Authorities and other regional partnerships and programs. A detailed breakdown is provided in Table 1.

BACKGROUND:

The District participates in several Joint Powers Authorities, including the South Orange County Wastewater Authority (SOCWA) and San Juan Basin Authority (SJBA), and regional partnerships, such as the Joint Regional Water Supply System (JRWSS). District appointed individuals consisting of Board members and/or staff to represent the District at these various entities. Each entity is operated by either a staff of the Joint Power Authority or a contracted agency responsible for executing the operations and maintenance functions, completing necessary capital improvements, preparing annual budgets, and processing invoices as necessary. Table 1 provides a summary of the various Joint Powers Authorities and regional partnerships of which the District is a member and a breakdown of the annual District budget for each entity. The summary includes only entities with facilities currently in operation and on-going operations and maintenance requirements. The summary does not include on-going capital projects, i.e. Doheny Desalter and the Baker Water Treatment Plant, as these projects are updated separately as their development progresses.

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Table 1

Joint Powers Authority or Regional Partnership	Adopted O&M Budget FY 2013-14	Adopted CIP Budget FY 2013-14
South Orange County Wastewater Authority (SOCWA)	\$8,702,195	\$4,453,682
San Juan Basin Authority (SJBA)	\$163,375	N/A
Joint Regional Water Supply System (JRWSS)	\$467,315	\$2,605,331
TOTAL	\$9,332,885	\$7,059,013

HIGHLIGHTS:

During the period covered by this quarterly update (April, May and June) the following notable items were addressed:

South Orange County Wastewater Authority:

- Administrative:
 - At the June 5th Board Meeting, the Board of Directors approved a contract with its new General Manager.
 - The proposed budget for FY 2014-15 was adopted in June. The attached table shows a breakdown of the adopted budget and the District's share of the budget for both O&M and CIP activities. There was no change in the budget from what was presented to the District's Board of Directors at the May Engineering and Operations Committee meeting.
 - The SOCWA board executed a three-year Memorandum of Understanding with the represented employees in the Operations, Maintenance, and Laboratory Unit. The agreement is effective July 1, 2014 and extends until June 30, 2017.
- Project Committee 3A (Plant 3A):
 - The District and SMWD notified SOCWA that both agencies desire SOCWA to continue operating the Plant 3A wastewater treatment plant. The agencies continue to review long-term operating plans for the treatment plant.
- Project Committee 15 (Coastal Treatment Plant):
 - The PC 15 committee approved an extension of the existing indemnification agreement with the County of Orange for continued use of the AWMA bridge. The approved amendment extends the term of the agreement to December 31, 2014. It is the intent of SOCWA staff to finalize an

agreement with the County for the long-term transition of the AWMA bridge to the County.

- SOCWA has completed construction of the sludge equalization basin. This project was being partially funded by the Proposition 50 grant through the South Orange County Watershed Management Area. The sludge force main replacement is currently in design and permitting. SOCWA staff, along with Dudek, are meeting with the various resource agencies to review the project. The project remains within the budget proposed when the Environmental Impact Report was developed.
- Project Committee 17 (Regional Treatment Plant):
 - The SOCWA Board of Directors approved a construction contract with Pascal & Ludwig for \$1,094,000 for the construction of miscellaneous improvements at the Regional Treatment Plant. The District's portion of the contract is \$984,000.
 - Construction documents for the removal of the existing chlorine gas system and construction of a bulk sodium hypochlorite system are expected to be advertised within the next couple of months.

San Juan Basin Authority:

- Budget review and approval:
 - The proposed budget for the San Juan Basin Authority (SJBA) is scheduled for consideration and approval at the June 10th Board meeting. The proposed budget is attached to the staff report. The budget has been reduced by approximately \$30,000 from the estimate presented to the District's Board of Directors at the May Engineering and Operations Committee meeting.
- Groundwater Management Plan Update:
 - The SJBA Board of Directors will consider approval of a contract with TODD Groundwater to conduct a peer review of the draft Groundwater Management Plan at its June 10th Board Meeting. The contract is for approximately \$40,000. The peer review is expected to take approximately 8-12 weeks. Adoption of the groundwater management plan is expected in the next couple of months.
- Salt and Nutrient Management Plan:
 - One of the outcomes of the Salt and Nutrient Management Plan prepared through SOCWA is the need to proceed with a basin plan amendment in the Middle Trabuco sub-basin. The SJBA has included in the budget funds to process the basin plan amendment with costs allocated based on reported recycled water use within the Middle Trabuco basin, primarily Santa Margarita Water District and Moulton Niguel Water District.

Joint Regional Water Supply System:

- Draft Budget
 - SCWD, on behalf of the JRWSS, will consider approval of the budget at its June Board Meeting. The budget was reviewed and discussed at multiple

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Administration Committee meetings. A copy of the budget summary is provided with the staff report. There was no change in the budget from what was presented to the District's Board of Directors at the May Engineering and Operations Committee meeting.

- Bradt Reservoir Cover Replacement
 - JRWSS received bids on the replacement of the Bradt Reservoir Floating Cover. Bradt reservoir provides operational storage for the Joint Transmission Main pipeline, as well as emergency storage for the City of San Clemente, South Coast Water District and Southern California Edison. The District's share of the reservoir capacity is 4.9%. The construction contract is approximately \$2.3 million with a total project cost including design, construction management and inspection estimated to be \$2.9 million. The District's portion is approximately \$140,000. The construction contract is expected to be awarded at the SCWD Board Meeting in July.

Attachments: 1. SOCWA Budget Summary
2. SJBA Budget Summary
3. JWRSS Budget Summary

South Orange County Wastewater Authority
Summary of Member Agency Allocations - OPERATIONS & MAINTENANCE

FY 2014-15											
PROJECT COMMITTEES	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TCWD	Totals
PC 2 Treatment Plant - JBL			1,673,599				1,013,541	1,154,290	1,379,040		5,220,470
PC 3A Treatment Plant - 3A							1,960,395		180,630		2,141,025
PC 15 Treatment Plant - CTP	1,264,718			50,719			162,666	1,145,617			2,623,720
PC 17 Treatment Plant - RTP	483,881			16,432	587,983		5,315,427	312,247			6,715,970
PC 5 Ocean Outfall - San Juan Creek		165,214	181,389				149,880	133,800	383,887		1,014,170
PC 24 Ocean Outfall - Aliso Creek	106,896			4,188	174,335	158,923	190,423	44,285			679,050
PC 2(SO) Water Reclamation Permitting			14,060		13,760	16,290	65,150	19,450	45,540	18,430	192,680
PC 21 Effluent Transmission Main					34,231	34,231	24,338				92,800
PC 23 North Coast Interceptor	298,389			11,111							309,500
GF General Fund	28,015	26,649	30,737	26,719	30,064	29,703	35,580	31,714	30,806	3,013	273,000
PT Pretreatment Program	15,830	15,252	26,355	1,372	13,170	16,061	53,420	42,432	57,583		241,475
TOTALS	2,197,729	207,115	1,926,140	110,541	853,543	255,208	8,970,820	2,883,835	2,077,486	21,443	19,503,860

FY 2013-14											
PROJECT COMMITTEES	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TCWD	Totals
PC 2 Treatment Plant - JBL			1,638,087				971,976	1,231,510	1,382,477		5,224,050
PC 3A Treatment Plant - 3A							1,890,743		171,007		2,061,750
PC 15 Treatment Plant - CTP	1,173,388			52,258			144,906	1,070,788			2,441,340
PC 17 Treatment Plant - RTP	484,678			19,002	622,860		5,159,579	325,831			6,611,950
PC 5 Ocean Outfall - San Juan Creek		126,670	143,070				113,910	109,240	285,230		778,120
PC 24 Ocean Outfall - Aliso Creek	95,915			4,690	166,072	170,880	243,587	56,056			737,200
PC 2(SO) Water Reclamation Permitting			18,420		14,657	24,362	70,610	21,589	48,922	21,390	219,950
PC 21 Effluent Transmission Main					23,916	23,916	19,818				67,650
PC 23 North Coast Interceptor	401,066			14,934							416,000
GF General Fund	28,035	26,505	30,865	26,675	30,136	29,656	35,466	31,616	30,786	3,010	272,750
PT Pretreatment Program	14,700	14,600	25,800	1,300	12,400	14,600	51,600	39,200	54,800		229,000
TOTALS	2,197,782	167,775	1,856,242	118,859	870,041	263,414	8,702,195	2,885,830	1,973,222	24,400	19,059,760

CHANGE - FY 2014-15 vs FY 2013-14											
PROJECT COMMITTEES	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TCWD	Totals
PC 2 Treatment Plant - JBL	-	-	35,512	-	-	-	41,565	(77,220)	(3,437)	-	(3,580)
PC 3A Treatment Plant - 3A	-	-	-	-	-	-	69,652	-	9,623	-	79,275
PC 15 Treatment Plant - CTP	91,330	-	-	(1,539)	-	-	17,760	74,829	-	-	182,380
PC 17 Treatment Plant - RTP	(797)	-	-	(2,570)	(34,877)	-	155,848	(13,584)	-	-	104,020
PC 5 Ocean Outfall - San Juan Creek	-	38,544	38,319	-	-	-	35,970	24,560	98,657	-	236,050
PC 24 Ocean Outfall - Aliso Creek	10,981	-	-	(502)	8,263	(11,957)	(53,164)	(11,771)	-	-	(58,150)
PC 2(SO) Water Reclamation Permitting	-	-	(4,360)	-	(897)	(8,072)	(5,460)	(2,139)	(3,382)	(2,960)	(27,270)
PC 21 Effluent Transmission Main	-	-	-	-	10,315	10,315	4,520	-	-	-	25,150
PC 23 North Coast Interceptor	(102,677)	-	-	(3,823)	-	-	-	-	-	-	(106,500)
GF General Fund	(20)	144	(128)	44	(72)	47	114	98	20	3	250
PT Pretreatment Program	1,130	652	555	72	770	1,461	1,820	3,232	2,783	-	12,475
TOTALS	(53)	39,340	69,898	(8,318)	(16,498)	(8,206)	268,625	(1,995)	104,264	(2,957)	444,100

South Orange County Wastewater Authority
 Summary of Member Agency Allocations - CAPITAL

FY 2014-15											
PROJECT COMMITTEES	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TCWD	Totals
PC 2 Treatment Plant - JBL			3,238,566				2,401,827	2,785,501	2,176,571		10,602,465
PC 3A Treatment Plant - 3A							2,646,525		1,035,340		3,681,865
PC 15 Treatment Plant - CTP	901,214			71,080			695,344	1,154,187			2,821,825
PC 17 Treatment Plant - RTP	233,631			12,297	415,715		5,595,899	186,733			6,444,275
PC 5 Ocean Outfall - San Juan Creek											-
PC 24 Ocean Outfall - Aliso Creek											-
PC 2(SO) Water Reclamation Permitting											-
PC 21 Effluent Transmission Main											-
PC 23 North Coast Interceptor											-
GF General Fund											-
PT Pretreatment Program											-
TOTALS	1,134,845	-	3,238,566	83,377	415,715	-	11,339,595	4,126,421	3,211,911	-	23,550,430

FY 2013-14											
PROJECT COMMITTEES	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TCWD	Totals
PC 2 Treatment Plant - JBL			532,620				396,700	473,530	336,170		1,739,020
PC 3A Treatment Plant - 3A							262,140		102,540		364,680
PC 15 Treatment Plant - CTP	1,323,620			104,300			1,021,330	1,252,190			3,701,440
PC 17 Treatment Plant - RTP	31,320			1,480	54,990		1,032,790	25,010			1,145,590
PC 5 Ocean Outfall - San Juan Creek											-
PC 24 Ocean Outfall - Aliso Creek											-
PC 2(SO) Water Reclamation Permitting											-
PC 21 Effluent Transmission Main											-
PC 23 North Coast Interceptor											-
GF General Fund											-
PT Pretreatment Program											-
TOTALS	1,354,940	-	532,620	105,780	54,990	-	2,712,960	1,750,730	438,710	-	6,950,730

CHANGE - FY 2014-15 vs FY 2013-14											
PROJECT COMMITTEES	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TCWD	Totals
PC 2 Treatment Plant - JBL	-	-	2,705,946	-	-	-	2,005,127	2,311,971	1,840,401	-	8,863,445
PC 3A Treatment Plant - 3A	-	-	-	-	-	-	2,384,385	-	932,800	-	3,317,185
PC 15 Treatment Plant - CTP	(422,406)	-	-	(33,220)	-	-	(325,986)	(98,003)	-	-	(879,615)
PC 17 Treatment Plant - RTP	202,311	-	-	10,817	360,725	-	4,563,109	161,723	-	-	5,298,685
PC 5 Ocean Outfall - San Juan Creek	-	-	-	-	-	-	-	-	-	-	-
PC 24 Ocean Outfall - Aliso Creek	-	-	-	-	-	-	-	-	-	-	-
PC 2(SO) Water Reclamation Permitting	-	-	-	-	-	-	-	-	-	-	-
PC 21 Effluent Transmission Main	-	-	-	-	-	-	-	-	-	-	-
PC 23 North Coast Interceptor	-	-	-	-	-	-	-	-	-	-	-
GF General Fund	-	-	-	-	-	-	-	-	-	-	-
PT Pretreatment Program	-	-	-	-	-	-	-	-	-	-	-
TOTALS	(220,095)	-	2,705,946	(22,403)	360,725	-	8,626,635	2,375,691	2,773,201	-	16,599,700

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Annual Budget

The following table summarizes the proposed activity by Project Committee for the fiscal year:

Project Committee	Name	Fiscal Year 2013-14 Budget	Projected Actual through June 2014	Proposed Fiscal Year 2014-15 Budget
1	Ortega Well	\$ -	\$ -	\$ -
2	Oso Barrier and Well	\$ -	\$ -	\$ -
3	Dams Project	\$ -	\$ -	\$ -
4	SJC Desalter	\$ 25,000	\$ 25,000	\$ 25,000
5	Basin Plan Amendment	\$ -	\$ -	\$ 85,000
6	Basin Plan Amendment	\$ -	\$ -	\$ -
7	Water Appropriations	\$ -	\$ -	\$ -
8	NWRI	\$ -	\$ -	\$ -
9	Well Field	\$ -	\$ -	\$ -
	Authorized groundwater monitoring for 2014		\$ 69,191	\$ 85,272
	Future groundwater monitoring for 2015		\$ -	\$ 70,000
	Peer Review (carryover from 2014)		\$ 5,000	\$ 34,819
10	Monitoring	\$ 325,000	\$ 74,191	\$ 190,091
11	Future Projects- FAF and NWRI Workgroup	\$ -	\$ -	\$ 425,000
12	Economic Evaluation	\$ -	\$ -	\$ 15,000
13	Stream Gauging	\$ 30,000	\$ -	\$ -
Subtotal		\$ 380,000	\$ 99,191	\$ 740,091
General Administration	Admin Services	\$ 50,000	\$ -	12,000
	Project Management	\$ -	\$ -	120,000
	Financial Services	\$ 6,500	\$ 6,300	\$ 12,000
	Audit Services	\$ 5,000	\$ 4,000	\$ 5,000
	Legal Services	\$ 8,000	\$ 21,755	\$ 20,000
	Secretarial Services	\$ 4,000	\$ 1,544	\$ 4,000
Subtotal		\$ 73,500	\$ 33,599	\$ 173,000
Total		\$ 453,500	\$ 132,790	\$ 913,091

Annual billing will be adjusted to reflect any unencumbered funds remaining on deposit for each agency at the end of the fiscal year.

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Funding Plan

Funding Plan					
Agency	PC 5 allocation	Remaining project committees and general administration	Total Allocation	Estimated amount on deposit at the end of current fiscal year	Estimated amount of invoice
SMWD	\$ 48,314.07	\$ 157,022.75	\$ 205,336.82	\$ 48,048.75	\$ 157,288.07
MNWD	\$ 36,685.93	\$ 157,022.75	\$ 193,708.68	\$ 48,048.75	\$ 145,659.93
CSJC	\$ -	\$ 157,022.75	\$ 157,022.75	\$ 48,048.75	\$ 108,974.00
SCWD	\$ -	\$ 157,022.75	\$ 157,022.75	\$ 48,048.75	\$ 108,974.00
Subtotal	\$ 85,000.00	\$ 628,091.00	\$ 713,091.00	\$ 192,195.00	\$ 520,896.00
MWD FAF	\$ -	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 200,000.00
Total	\$ 85,000.00	\$ 828,091.00	\$ 913,091.00	\$ 192,195.00	\$ 720,896.00

JRWSS as Operated by SCWD
Fiscal Year Budget 2014-2015
Summary of Costs

DESCRIPTION	IRWD	ETWD	MNWD	CSJC	SCWD	CSC	CAMP PEN	STATE PARKS	SONGS	TOTAL
O&M System Wide	8,332	3,316	366,692	85,105	104,830	244,263	3,316	1,275	33,073	850,202
O&M JTM	1,729	688	76,114	17,665	21,760	50,702	688	265	6,865	176,477
O&M Bradt			12,407	2,684	66,266	152,307	1,997	684	17,168	253,212
O&M WIP					76,242	45,745				121,987
O&M LTM						115,671	1,562	627	15,647	133,507
O&M Schlegel						68,899	3,464	1,386	49,220	118,119
O&M San Onofre									34,646	39,496
Debt Service-COPS					175,122	253,368			37,260	465,750
Subtotal Operations	10,061	4,004	455,214	105,455	444,219	930,954	10,726	4,237	193,878	2,158,760
Capital Projects	6,924	25,560	1,406,337	265,205	1,422,924	3,533,761	41,280	16,632	416,378	7,135,000
Special Allocations										
Property Taxes					(330,000)	(770,000)				(1,100,000)
Interest Income			(320)	(80)	(500)	(1,000)			(100)	(2,000)
Proposed Annual Charges 2014 - 2015	16,985	29,564	1,861,231	370,580	1,536,643	3,693,715	52,006	20,869	610,156	8,191,750
2013 - 2014 Budget	26,402	102,922	3,072,326	928,477	1,655,715	4,162,680	58,408	23,520	681,875	10,712,325
Increase (Decrease) in Projected Billings	\$ (9,417)	\$ (73,358)	\$ (1,211,095)	\$ (557,897)	\$ (119,072)	\$ (468,965)	\$ (6,402)	\$ (2,651)	\$ (71,719)	\$ (2,520,575)

Current Emergency Reserve \$ (9,000) \$ (3,600) \$ - \$ - \$ (290,100) \$ (651,500) \$ - \$ (1,500) \$ (56,900) \$ (1,012,600)

Participant Key

- IRWD Irvine Ranch Water District
- ETWD El Toro Water District
- MNWD Moulton Niguel Water District
- CSJC City of San Juan Capistrano
- SCWD South Coast Water District
- CSC City of San Clemente
- CAMP PEN Camp Pendleton
- STATE PARKS State Parks
- SONGS San Onofre Nuclear Generating Station

