

NOTICE AND CALL OF SPECIAL MEETING
OF THE ENGINEERING & OPERATIONS
BOARD OF DIRECTORS'
MOULTON NIGUEL WATER DISTRICT
27500 La Paz Road, Laguna Niguel
February 19, 2013
9:00 AM
Approximate Meeting Time: 2 Hours

NOTICE IS HEREBY GIVEN that a Special Meeting of the Engineering & Operations Board of Directors' of the Moulton Niguel Water District ("MNWD") has been called by the Chairman of the Board of Directors' to be held on February 19, 2013, at 9:00 AM, at MNWD's Administrative Offices located at the address above. The following business will be transacted and is the Agenda for this Special Meeting:

AGENDA

1. Call Meeting to Order
2. Approve the Minutes of the January 14, 2013 Engineering and Operations Board of Directors' Meeting
3. Public Comments
Persons 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. (As required by law, public comments during a Special Meeting may address only specific items listed on the agenda, no other matters.)
4. South Orange County Waterwater Authority Coastal Treatment Plant (Project Committee 15), Export Sludge Force Mains - Environmental Impact Report
5. South Orange County Wastewater Authority J.B. Latham Treatment Plant (Project Committee 2), Proposed State Revolving Fund Application
6. Quarterly Capital Improvement Program Status Report
7. Quarterly Operational Status Report
8. Fiscal Year 2012-2013 Meter Maintenance and Replacement Program - Expense Authorization
9. Manhole Rehabilitation Project, Project No. 2012.004 - Construction Contract Change Order Amendment
10. South Coast Water District Special Wastewater Discharge Permit
11. Relocation of 12-inch Pipeline at Oso Parkway

12. 14-inch Pipeline Repair on Pacific Island Drive
13. Baker Water Treatment Plant Project Update
14. **Late Items (Special Meeting - No Additions)**
15. 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) 643-2006 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 24 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.

I hereby certify that the foregoing Notice was personally delivered, faxed, mailed or e-mailed to each member of the MNWD Board of Directors at least 24 hours prior to the scheduled time of the Special Meeting so noticed above; and posted 24 hours prior to the time of the Special Meeting at the usual agenda posting location of MNWD (bulletin board outside main office entrance) and on the District website at www.mnwd.com.

Leslie C. Gray, Secretary
MOULTON NIGUEL WATER DISTRICT

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

January 14, 2013

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 January 14, 2013. There were present and participating:

DIRECTORS

Donald Froelich
Scott Colton
Richard Fiore
Gary Kurtz
Larry Lizotte
Larry McKenney
Brian Probolsky

Vice President/Chair
Director
Director
Director
Director
President
Vice President

Also present and participating were:

STAFF MEMBERS, LEGAL COUNSEL, AND PUBLIC MEMBERS

Joone Lopez	General Manager
Matt Collings	Director of Engineering & Operations
Todd Novacek	Assistant Director of Operations
Gina Hillary	Director of Human Resources
Ray McDowell	MNWD
Eva Plajzer	MNWD
Mark Mountford	MNWD
Ronin Goodall	MNWD
Michael Gomez	MNWD
Kelly Winsor	MNWD
Amber Leaverton	MNWD
Pat Giannone	Bowie, Arneson, Wiles & Giannone
Leslie Gray	Board Secretary

1. Call Meeting to Order

2. Approve the Minutes of the December 17, 2012 Engineering and Operations Board of Directors' Meeting

MOTION DULY MADE BY LARRY MCKENNEY AND SECONDED BY GARY KURTZ, THE MINUTES OF THE DECEMBER 17, 2012 ENGINEERING AND OPERATIONS BOARD OF DIRECTORS' WERE APPROVED AS PRESENTED.

3. Public Comments

None

DISCUSSION ITEMS (Action will be taken when appropriate for certain items at the Thursday Board Meeting)

6. Laguna Niguel Pocket Park

Kelly Winsor reported that there is a 15,000 square-foot piece of land located next to the Laguna Niguel Regional Library and City Hall. A partnership was suggested by the County of Orange to build a pocket park linking the Library and the City Hall, which would include educational features such as a water-efficient irrigation system and drought-tolerant plants. The City of Laguna Niguel anticipates seeking additional funding from community service organizations. The District's contribution of \$14,000 will be funded from the District's Sponsorship Program. Joone Lopez stated that future updates will be brought back to the Board.

4. Quarterly Construction Progress Report

Matt Collings reported on projects currently under construction.

7. Fats, Oils, and Grease (FOG) Policy Review and Update

Matt Collings reported that the District has engaged the services of EEC to evaluate the FOG Policy, including how staff cleans and inspects the sewer systems. Staff will come back to the Board with recommendations later this spring to update the Policy.

5. East Aliso Creek Reservoir Recirculation System, Project No. 2011.038 – Construction Contract Award

Matt Collings stated that staff issued a Notice Inviting Sealed Proposals for the East Aliso Creek Reservoir recirculation system. This project includes the installation of three hatches and sampling ports and the purchase of the recirculation and injection system. The Board will be requested to award construction contracts to Crosno Construction in the amount of \$78,350 for the hatches and sampling ports and to Superior Water Technologies in the amount of \$43,686 for installation of the recirculation and injection system.

The Board will also be asked to increase the project authorization by \$121,000 from \$20,000 to a total of \$141,000 at the Board Meeting on Thursday night.

INFORMATION ITEMS

8. SuperOxygenation System Status Update

Matt Collings gave an update and history of this project to the Board. A Superoxygenation system was installed in 2007 at the Upper Salada Lift Station, and in 2008 at the Lower Salada Lift Station, which have greatly reduced the hydrogen sulfide gases and associated odors near Crown Valley Parkway and Niguel Road.

9. South Orange Coastal Ocean Desalter – Project Update

Joone Lopez explained that this item is a follow up to the January SOCWA Board meeting where this project was presented. Matt Collings then briefed the Board.

The Desalter is intended to be located at Doheny Beach in Dana Point and will produce approximately 15 million gallons per day. There are five participants in the project: Moulton Niguel Water District, South Coast Water District, City of San Juan Capistrano, City of San Clemente, and Laguna Beach County Water District. The SOCOD project is designed with a slant well injection system that can draw water directly from the ocean floor. The plant location is proposed to be located on South Coast Water District property.

The Phase 3 Feasibility Study is being finalized. Pending items are the San Juan Basin Groundwater Model, an update of the project cost estimate, proposed scope, and fee estimate for Phase 4 environmental/permitting, brine disposal, and preliminary engineering.

Staff will come back to the Board with recommendations as the project progresses.

10. 14-inch Pipeline Repair on Pacific Island Drive

Joone Lopez stated this repair was considered an emergency; however, there was no interruption in service.

Matt Collings reported that a leak was identified on Pacific Island Drive on the suction-side of a 14" steel pipeline. Due to the size of the line, isolation would have impacted the commercial and residential customers. A line-stop and valve were constructed to keep the line under pressure and customers in service. This repair will cost approximately \$40,000-60,000, which may exceed the General Manager's spending authority, but due to the nature of the emergency repair, the need was immediate. An update on the total cost will be brought back to the Board at the next Board meeting.

#2.

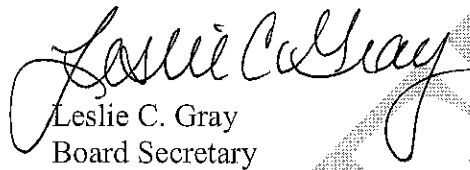
11. Late Items (Appropriate Findings to be Made)

None

12. Adjournment

There was no further business to come before the Engineering & Operations Board, and the meeting was adjourned at 10:35 a.m.

Respectfully submitted,


Leslie C. Gray
Board Secretary

DRAFT

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors **MEETING DATE:** February 19, 2013

FROM: Matt Collings, Director of Engineering and Operations
Eva Plajzer, Principal Engineer

SUBJECT: Quarterly Capital Improvement Program Progress Report –
Fiscal Year 2012-13, Second Quarter

SUMMARY:

Issue: The District’s staff is responsible for executing the Capital Improvement Program (CIP) as adopted by the Board of Directors. This quarterly report is for October, November and December of Fiscal Year 2012-13.

Recommendation: Receive and file.

Fiscal Impact: The fiscal impact for each project is presented to the Board of Directors on a project by project basis. The collective impact for this fiscal year is \$28,754,927 if fully expensed.

Previously Related Action: The following is a summary of the most recent actions taken by the Board of Directors on the subject project:

- June 21, 2012 – Board of Directors approved the Fiscal Year (FY) 2012-13 Capital Improvement Program budget.
- November 16, 2012 – Board of Directors received and filed the Quarterly Capital Improvement Program Progress Report for Fiscal Year 2012-13, First Quarter

DISCUSSION:

The Board of Directors approved a FY2012-13 budget in June 2012. Table 1 summarizes the budget.

#6.

Table 1
Adopted Budget by Fund
Fiscal Year: July '12 to June '13

Item/Fund	Fiscal Year Adopted Budget	Fiscal Year Expenditures Through Second Quarter
Replacement and Refurbishment Project - Fund 07	\$12,505,889	\$1,837,438
SOCWA & JRWSS - Fund 07	\$8,049,333	\$3,747,895
Water Supply Reliability Projects - Fund 12	\$6,810,668	\$357,666
Planning and Construction - Fund 14	\$1,389,037	\$30,900
Total FY 2012-13 Proposed Budget	\$28,754,927	\$5,973,899

Several of the projects in this Fiscal Year budget, such as SOCWA, JRWSS, and the Baker Water Treatment Plant, are managed by other entities with the District primarily providing funding through a project agreement or a joint powers entity. For these projects, staff primarily reviews deliverables and invoices but does not actively manage the projects. These projects total \$13.5 million in this fiscal year budget. The remainder of the budget, \$15.3 million, is executed by MNWD staff. After completion of the second quarter of the fiscal year, about 21% of the CIP budget has expended to date.

Staff has prioritized the projects within the Capital Improvement Program to maximize the resources available to effectively execute the projects. Table 2 lists the projects in the 10-year Capital Improvement Program and their implementation status.

HIGHLIGHTS:

During the second quarter of this fiscal year, these major activities were performed within the Capital Improvement Program:

- 5 additional projects were completed
 - 2011.011 Inspection of 54-inch CIP Line
 - 2011.019 Mathis Reservoir Coating and Safety Improvements
 - 2011.021 Seville Reservoir Coating
 - 2011.071 Colinas Bridge Retrofit
 - 2012.001 Southerly Isolation Vault Fencing

- 14 projects are under construction
 - These projects were competitively bid during the second quarter:

- 2011.017 Regional Park Recycled Water Line Valve Replacement
 - 2011.030 National Park Easement Abandonment
 - 2012.004 Manhole Rehabilitation Program FY12-13 Stonehill Manhole Rehabilitation
 - 2011.038 East Aliso Creek Reservoir Recirculation System
- Requests for proposals were issued for these active project
 - 2011.056 Recycled Water System Extensions Design Services
 - 2012.007 Lower Salada Lift Station Ventilations Assessment and Code Compliance Analysis
 - 2012.008 Regional Lift Station Ventilations Assessment and Code Compliance Analysis
 - 2011.026 Rancho Underground Pump Station Ventilations Assessment and Code Compliance Analysis
 - 2012.004 Manhole Rehabilitation Program Technical Specification Services
 - 2012.005 Plant 3A Effluent Transmission Main Analysis and Rehabilitation Assessment Services
 - 2011.031 El Niguel Recycled Water Line Replacement Design Services
 - Design work continued on 22 existing project and was initiated on 11 new projects.
 - Staff continues to perform various administrative activities for the CIP including
 - Continue to develop contractual vehicles for the execution of the CIP
 - ERP functionality
 - Records management

TABLE 2
QUARTERLY CAPITAL IMPROVEMENT PROGRAM REPORT
MOULTON NIGUEL WATER DISTRICT
QUARTERLY PROJECT STATUS - SECOND QUARTER - OCTOBER THROUGH DECEMBER
FISCAL YEAR: JULY 2012 TO JUNE 2013

PROJECT NUMBER	PRJT MGR	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	APPROVED EXPENSE AUTHORIZATION	EXPENDED FROM INCEPTION TO DATE	REMAINING CONTRACTUAL AMOUNT	ESTIMATED COMPLETION DATE
COMPLETED PROJECTS									
2009014	EP	14	EL DORADO PS EVALUATION	2009	\$130,300	\$130,200	\$126,054	\$0	12/31/12
2009107	SLM	07	CROWN VALLEY WIDENING RELOCATION	2009	\$210,000	\$210,000	\$60,217	\$2,644	12/31/12
2010015	EP	12	CHARLES ROAD RW EXTENSION	2010	\$490,141	\$490,141	\$469,834	\$3,645	12/31/12
2010019	SLM	07	CV PKWY VALVE REPLACEMENT	2010	\$831,000	\$831,000	\$780,330	\$0	12/31/12
2011011	EP	07	INSPECT 54 CIP LINE ANTONIA-BRIDL	2011	\$320,000	\$285,806	\$238,674	\$5,935	12/31/12
2011019	JRM	07	MATHIS RES COATING & SAFETY IMPROV	2011	\$550,000	\$550,000	\$291,013	\$21,395	6/30/13
2011020	JRM	07	MATHIS RESERVOIR VALVE REPLACEMENT	2011	\$42,000	\$42,000	\$34,235	\$0	12/31/12
2011021	JRM	07	SEVILLE RES 1&2 INT/EXT COATING	2011	\$925,000	\$950,000	\$813,905	\$11,400	12/31/12
2011022	JRM	07	SHEEP HILLS RES VALVE REPLACEMENT	2011	\$36,000	\$36,000	\$26,228	\$0	12/31/12
2011036	JRM	07	LOS SERRANOS LN/VISTA VERMOSA SEWE	2011	\$515,000	\$515,000	\$445,280	\$2,311	12/31/12
2011071	MM	07	COLINAS BRIDGE RETROFIT	2011	\$342,000	\$342,000	\$246,191	\$9,523	12/31/13
2011094	GM	07	PLC PANEL REPLACEMENT-SC2 OSO PKWY	2011	\$0	\$2,000	\$1,202	\$0	12/31/12
2011096	GM	07	PLC PANEL REPLACEMENT-BEAR BRAND R	2011	\$0	\$10,000	\$12,320	\$0	12/31/12
2011097	GM	07	PLC PANEL REPLACEMENT-SEVILLE RES	2011	\$0	\$10,000	\$12,859	\$0	12/31/12
2011104	GM	07	PLC PANEL REPLACEMENT-NORTHERLY TA	2011	\$0	\$12,500	\$2,498	\$0	12/31/12
2011105	GM	07	PLC PANEL REPLACEMENT-LA PAZ UNDER	2011	\$0	\$12,500	\$12,701	\$0	12/31/12
2011106	GM	07	PLC PANEL REPLACEMENT-DEL AVION MA	2011	\$0	\$12,500	\$10,795	\$0	12/31/12
2011108	GM	07	PLC PANEL REPLACEMENT-MATHIS PS	2011	\$0	\$23,000	\$19,258	\$0	12/31/12
2011132	JLS	07	DAISY FIELD 8 EASEMENT REFURB	2011	\$30,000	\$30,000	\$1,991	\$0	7/31/12
2011133	JLS	07	ST ANNES 8 EASEMENT REFURB	2011	\$44,000	\$90,000	\$105,603	\$509	8/30/12
2012001	RRG	14	SOUTHERLY ISOLATION VAULT FENCING	2012	\$14,000	\$14,000	\$9,577	\$0	10/31/12
2012002	JRM	14	REGIONAL LS 60" SEWER MANHOL	2012	\$0	\$20,000	\$12,500	\$7,000	12/30/12
Subtotal					\$4,479,441	\$4,618,647	\$3,733,266	\$64,362	

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PROJECTS UNDER CONSTRUCTION									
2010021	DB	07	MOULTON PEAK IRRIGATION PUMP REPLACEMENT	2010	\$20,000	\$20,000	\$11,807	\$0	12/31/12
2010025	LAB	07	GALIVAN PUMP REPLACEMENT	2010	\$260,000	\$39,200	\$33,293	\$0	6/30/13
2010033	DDC	07	NEW DISTRICT ENTERPRISE SOFTWARE	2010	\$3,375,000	\$3,000,000	\$1,017,885	\$1,694,572	12/31/12
2011016	GM	07	PLC PANEL REPLACEMENT	2011	\$400,000	\$400,000	\$103,458	\$23,499	6/30/13
2011017	JRM	07	REGIONAL PK 16 VALVE TO RW LINE I	2011	\$35,000	\$35,000	\$233	\$0	6/30/13
2011024	DDC	07	BOARDROOM ENHANCEMENTS	2011	\$179,000	\$179,000	\$103,157	\$61,194	12/31/12
2011025	LAB	07	EL TORO TIE-IN PWPS REFURBISHMENT	2011	\$135,200	\$135,200	\$1,196	\$0	12/31/12
2011030	MC	07	NATIONAL PARK EASEMENT ABANDONMENT	2011	\$38,000	\$38,000	\$302	\$0	6/30/13
2011038	EP	14	E ALISO CRK RES RECIRCULATION SYST	2011	\$100,000	\$20,000	\$0	\$0	8/31/13
2011107	GM	07	PLC PANEL REPLACEMENT-ALISO SUMMIT	2011	\$0	\$10,000	\$0	\$0	12/31/12
2011109	GM	07	PLC PANEL REPLACEMENT-RANCHO PS	2011	\$0	\$23,000	\$0	\$0	12/31/12
2011110	GM	07	PLC PANEL REPLACEMENT-UPPER SALADA	2011	\$0	\$5,000	\$0	\$0	12/31/12
2012003	LAB	07	UPPER SALADA MUFFIN MONSTER NO. 2	2012	\$20,000	\$20,000	\$0	\$11,150	12/31/12
2012004	BAB	07	MH REHABILITATION PROGRAM - FY12-13	2012	\$50,000	\$19,000	\$341	\$3,905	3/31/12
Subtotal					\$4,556,200	\$3,880,400	\$1,280,908	\$1,779,264	

TABLE 2

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MOULTON NIGUEL WATER DISTRICT

QUARTERLY PROJECT STATUS - SECOND QUARTER - OCTOBER THROUGH DECEMBER
FISCAL YEAR: JULY 2012 TO JUNE 2013

PROJECT NUMBER	PRJT MGR	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	APPROVED EXPENSE AUTHORIZATION	EXPENDED FROM INCEPTION TO DATE	REMAINING CONTRACTUAL AMOUNT	ESTIMATED COMPLETION DATE
PROJECTS IN PROGRESS/UNDER DESIGN									
2006038	BLD	07	REPLACE DIGITAL LINES W/WIRELESS N	2006	\$2,500,000	\$1,900,000	\$1,408,025	\$5,634	12/31/13
2006071	MTC	12	BAKER PIPELINE REGIONAL TREATMENT	2006	\$26,000,000	\$6,060,000	\$1,399,796	\$0	12/31/15
2006099	MTC	12	ETWD/MNWD INTERTIE W/30 DIEMER PI	2006	\$456,000	\$56,000	\$1,877	\$0	12/31/13
2007030	DB	07	RANCHO RESERVOIR IRRIGATION SYSTEM	2007	\$80,000	\$35,430	\$23,191	\$0	12/31/12
2008049	MTC	12	SOUTH ORANGE COASTAL OCEAN DESAL	2008	\$800,000	\$660,000	\$662,419	\$0	12/31/15
2009115	JRM	07	SAN JUAN CREEK 30 EFFLUENT TM	2009	\$800,000	\$216,000	\$104,650	\$182,141	12/31/14
2009167	MM	07	GEODATABASE REDEVELOPMENT	2009	\$200,000	\$50,000	\$31,120	\$0	12/31/12
2010003	JRM	14	KITE HILL P.R. RELOCATION	2010	\$350,000	\$60,000	\$23,148	\$0	12/31/12
2010013	JRM	12	LA PAZ BRIDGE CROSSING RW PIPELINE	2010	\$370,000	\$115,000	\$54,409	\$51,108	12/31/12
2010017	JRM	07	OPERATIONS FACILITY DRAINAGE IMPRO	2010	\$775,000	\$150,000	\$84,336	\$0	6/30/14
2010018	EP	07	MATHIS-OSO BY-PASS	2010	\$200,000	\$40,000	\$12,045	\$20,517	6/30/13
2011010	EP	07	HILLARY PRS REPLACEMENT	2011	\$350,000	\$34,800	\$6,016	\$20,517	6/30/13
2011012	EP	07	LARGO PRS REPLACEMENT	2011	\$350,000	\$34,800	\$6,016	\$20,517	6/30/13
2011014	EP	07	SEISMIC & STRUCTURAL ASSESS STEEL	2011	\$217,192	\$217,192	\$92,335	\$119,745	12/30/12
2011015	EP	07	WILKES PRS REPLACEMENT	2011	\$350,000	\$34,800	\$6,016	\$20,517	6/30/13
2011026	LAB	07	RANCHO UNDERGROUND PWPS REFURBISHM	2011	\$200,000	\$0	\$1,167	\$2,333	12/31/12
2011031	EP	07	EL NIGUEL RW LINE REHABILITATION	2011	\$300,000	\$0	\$0	\$0	12/31/13
2011056	EP	12	RW SYSTEM EXT (1500LF @ 4 LOCATIONS	2011	\$500,000	\$0	\$0	\$10,730	12/31/13
2012005	EP	07	PLANT 3A EFFLUENT TM ANALYSIS/REHAB	2012	\$150,000	\$19,000	\$0	\$0	6/30/12
2012006	EP	12	RECYCLED WATER RETROFITS	2012	\$550,000	\$19,000	\$0	\$4,839	6/30/12
2012007	LAB	07	LOWER SALADA LS VENTILATION UNIT REPLACEMENT	2012	\$110,000	\$19,000	\$1,167	\$2,333	6/30/12
2012008	LAB	07	REGIONAL LS VENTILATION UNIT REPLACEMENT	2012	\$110,000	\$19,000	\$1,167	\$2,333	6/30/12
2012009	LAB	07	BEACON HILL PS PUMP/GENERATOR REPLACEMENT	2012	\$575,000				6/30/14
2012021	LAB	07	REGIONAL LIFT STATION PUMPS 4&5 REPLACEMENT	2012	\$320,000				6/30/14
2012024	LAB	07	UPPER SALADA LF AUX. GENERATOR REPLACEMENT	2012	\$375,000				6/30/14
2012028	GM	14	GENERATOR AT BEAR BRAND RESERVOIR	2012	\$25,000				6/30/14
2012029	GM	14	GENERATOR AT BRIDLEWOOD TAKEOUT	2012	\$25,000				6/30/14
2012030	GM	14	GENERATOR AT MARGUERITE RESERVOIR	2012	\$25,000				6/30/14
2012031	GM	14	GENERATOR AT MATHIS RES PS	2012	\$25,000				6/30/14
2012032	GM	14	GENERATOR AT SADDLEBACK RESERVOIR PS	2012	\$25,000				6/30/14
2012033	GM	14	GENERATOR AT SEVILLE RESERVOIR	2012	\$25,000				6/30/14
2012035	GM	14	MAIN OFFICE BACKUP GENERATOR	2012	\$170,000				6/30/14
2012036	PL	14	PLANT 2A BACKUP GENERATOR	2012	\$200,000				6/30/14
Subtotal					\$37,508,192	\$9,730,022	\$3,918,898	\$463,266	

TABLE 2
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PROJECT NUMBER	PRJT MGR	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	APPROVED EXPENSE AUTHORIZATION	EXPENDED FROM INCEPTION TO DATE	REMAINING CONTRACTUAL AMOUNT	ESTIMATED COMPLETION DATE	PROJECT RANK
FUTURE PROJECTS										
201111	MM	07	OCTA-METROLINK UTILITY RELOCATE	2011	\$1,000,000	\$35,000	\$0	\$0	80%	
2011033	MM	07	ASSET MANAGEMENT PROGRAM	2011	\$110,000				73%	
2012017	MAL	07	LOWER SALADA LS ENGINE REFURB & FUEL TANK COVER F	2012	\$45,000				73%	
		07	RESERVOIR RECOATING		\$4,500,000				73%	
		07	RESERVOIR RECOATING - RW		\$3,312,000				73%	
2012023	MAL	07	SAN JOAQUIN LS ENGINE REFURB & FUEL TANK COVER RE	2012	\$45,000				73%	
2012038	MTC	12	UPPER CHIQUITA ENVIRONMENTAL MITIGATION	2012	\$250,000				73%	
		BAB	MH REHABILITATION PROGRAM		\$450,000				67%	
		14	CLOH-TEC BUILDING DESIGN PLAN		\$100,000				67%	
2012010	EP	07	CVP 16-INCH PW LINE REHABILITATION	2012	\$650,000				67%	
2012011	EP	07	EASEMENT REHABILITATION PROGRAM - Phase 1	2012	\$7,850,000				67%	
2011034	MM	07	GIS VIEWER AND CONFIGURATION	2011	\$60,000				67%	
		EP	REGIONAL LS FORCE MAIN REPLACEMENT		\$1,100,000				67%	
		07	EASEMENT REHABILITATION PROGRAM - Phase 2		\$6,000,000				63%	
		07	LINDA VISTA DR SEWER LINING		\$302,000				63%	
		EP	LOWER SALADA LS FORCE MAIN REPLACEMENT		\$1,100,000				63%	
2009010	MM	14	MISSION HOSPITAL SECONDARY FEED	2009	\$200,000				63%	
		07	STEEL TANKS SEISMIC & STRUCT RETROFITS - PW		\$1,800,000				63%	
		07	STEEL TANKS SEISMIC & STRUCT RETROFITS - RW		\$1,200,000				63%	
		14	WATER MASTER PLAN		\$500,000				63%	
2011077	JRM	14	MOULTON PEAK RADIO TOWER IMPROVEME	2011	\$115,000	\$20,000	\$0	\$0	60%	
2012026	JRM	07	VALVE REPLACEMENT PROJECT	2012	\$3,000,000				60%	
		14	WASTEWATER MASTER PLAN		\$500,000				60%	
		07	CORROSION CONTROL PROGRAM		\$150,000				57%	
2012034	EP	14	LA PAZ/MOLTON PW SYSTEM RECONFIGURATION	2012	\$500,000				57%	
2011032	EP	07	OLD RANCH ROAD EASEMENT REFURBISHM	2011	\$100,000				57%	
		12	PRESSURE REDUCING STATION AT SADDLEBACK RW RES		\$200,000				57%	
		14	RECYCLED MASTER PLAN		\$300,000				57%	
2012012	MM	07	FIELD GIS - SEWER LINE CLEANING & MH	2012	\$28,000				53%	
2012013	MM	07	FIELD GIS - VALVE TURNING DATA SOFTWARE	2012	\$25,000				53%	
		07	NATIONAL PARK SEWER LINING		\$253,000				53%	
		07	SEWER LINING PROJECT		\$2,100,000				53%	
2011043	JRM	14	3A OUTFALL LINE VALVES	2011	\$410,000				50%	
2011037	SLM	07	MISSION VIEJO HS LINE/VAULT REFURB	2011	\$160,000				50%	
		07	VAULT REMOVAL (11 SITES)		\$400,000				50%	
2012022	MAL	07	ROLLING HILLS PS ENGINE REFURBISHMENT	2012	\$40,000				47%	
		MM	GIS - RW IRRG USE ARE MAP		\$50,000				43%	
		12	SOUTH COUNTY PIPELINE TAKEOUT FACILITY		\$2,200,000				43%	
2010001	EP	14	650-ZONE NIGUEL ROAD INTERTIE	2010	\$640,000				40%	
2012015	MM	07	GIS-ASSET MANAGEMENT DATABASE LINK	2012	\$70,000				40%	
		07	HIGHLAND PUMP PRESSURE RELIEF TO 650 ZONE		\$150,000				40%	

TABLE 2
QUARTERLY CAPITAL IMPROVEMENT PROGRAM REPORT
MOULTON NIGUEL WATER DISTRICT
QUARTERLY PROJECT STATUS - SECOND QUARTER - OCTOBER THROUGH DECEMBER
FISCAL YEAR: JULY 2012 TO JUNE 2013

PROJECT NUMBER	PRJT MGR	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	APPROVED EXPENSE AUTHORIZATION	EXPENDED FROM INCEPTION TO DATE	REMAINING CONTRACTUAL AMOUNT	ESTIMATED COMPLETION DATE
2011040	EP	14	RES&PUMP LS SITE ACCESS	2011	\$170,000				40%
		14	SECURITY ENHANCEMENTS		\$1,000,000				40%
2011035	MM	07	SPATIAL DOCUMENT MANAGEMENT	2011	\$80,000				40%
2012014	MM	07	GIS METER POPULATION	2012	\$82,000				37%
2011045	JRM	14	N ALISO LS BY-PASS & SITE IMPROVEM	2011	\$200,000	\$20,000	\$9,584	\$0	37%
		14	OSO-TRABUCO SEWER CONNECTION		\$107,000				37%
		07	RESERVOIR SITE OVERFLOW AND DRAINAGE IMPROVEMENTS		\$400,000				37%
		14	OSO CREEK SEWER PARALLEL PIPELINE		\$1,200,000				33%
		07	PZ450 ALISO CREEK POTABLE LINE RELOCATION		\$255,000				33%
2011028	LAB	07	VALENCIA LS REFURBISHMENT	2011	\$149,000	\$15,000	\$0	\$0	33%
2012016	LAB	07	LITTLE NIGUEL PS ROOF REPLACEMENT	2012	\$20,000				30%
		14	MARGUERITE/OSO CIP TAKEOUT		\$2,500,000				30%
2012019	LAB	07	NORTH ALISO LS ROOF REPLACEMENT	2012	\$20,000				30%
2012025	LAB	07	UPPER SALADA LS ROOF REPLACEMENT	2012	\$20,000				30%
2012018	LAB	07	MOULTON LF ROOF REPLACEMENT	2012	\$20,000				27%
	LAB	07	MAIN OFFICE A/C UNITS REPLACEMENT		\$133,000				20%
	MM	07	MATHIS PUMP IMPROVEMENTS		\$400,000				20%
2011130	LAB	07	BIG NIGUEL PUMP 1 REFURB	2011	\$11,000	\$11,000	\$0	\$0	0%
Subtotal					\$48,732,000				

TABLE 2
 QUARTERLY CAPITAL IMPROVEMENT PROGRAM REPORT
 MOULTON NIGUEL WATER DISTRICT
 QUARTERLY PROJECT STATUS - SECOND QUARTER - OCTOBER THROUGH DECEMBER
 FISCAL YEAR: JULY 2012 TO JUNE 2013

PROJECT NUMBER	PRJT MGR	FUND	PROJECT DESCRIPTION	YEAR PROJECT APPROVED	TOTAL PROJECT AMOUNT	APPROVED EXPENSE AUTHORIZATION	EXPENDED FROM INCEPTION TO DATE	REMAINING CONTRACTUAL AMOUNT	ESTIMATED COMPLETION DATE
SOCWA & JRWSS PROJECTS									
JRWSS12	07	07	SCWD/JRWSS CAPITAL PROJECT	2012	\$28,812,095	\$2,703,433	\$2,500,620	N/A	\$202,813
SOCWA104	07	07	2012/2013 SOCWA CAPITAL PC 2(R)	2012	\$11,275,175	\$1,723,500	\$172,886	N/A	\$1,550,614
SOCWA105	07	07	2012/2013 SOCWA PC 3A(R)	2012	\$13,386,143	\$553,600	\$10,323	N/A	\$543,277
SOCWA106	07	07	2012/2013 SOCWA CAPITAL PC 15(R)	2012	\$7,989,960	\$1,132,300	\$265,526	N/A	\$866,774
SOCWA107	07	07	2012/2013 SOCWA CAPITAL PC 17(R)	2012	\$30,167,787	\$1,936,500	\$798,540	N/A	\$1,137,960
Subtotal					\$91,631,160	\$8,049,333	\$3,747,895		\$4,301,438
PLACEHOLDER PROGRAMS									
					REMAINING BALANCE				
14			UNANTICIPATED PROJECTS FUND 14	2012	\$6,000,000	\$250,000	\$20,000	N/A	\$230,000
07			UNANTICIPATED PROJECTS FUND 7	2012	\$21,000,000	\$1,000,000	\$8,000	N/A	\$992,000
14			AMP BOOSTER PS	2012	\$2,000,000	\$0		N/A	N/A
07			PW PROJECTS PER ASSET MANAGEMENT MODEL	2012	\$11,996,000	\$0		N/A	N/A
07			RW PROJECT PER ASSET MANAGEMENT MODEL	2012	\$7,536,000	\$0		N/A	N/A
07			WW PROJECT PER ASSET MANAGEMENT MODEL	2012	\$5,962,000	\$0		N/A	N/A
Subtotal					\$54,494,000	\$1,250,000	\$28,000		\$1,222,000
TOTAL					\$241,456,993	\$27,692,402	\$12,689,314		

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors **MEETING DATE:** February 19, 2013
FROM: Matt Collings, Director of Engineering and Operations
SUBJECT: Quarterly Operational Status Reports

SUMMARY:

Issue: The District's Quarterly Operational Status Reports are provided as an attachment to this Staff Report. This quarterly report is for October, November and December of Fiscal Year 2012-13.

Recommendation: Receive and file.

Fiscal Impact: None

Previously Related Action: None

BACKGROUND/DISCUSSION:

Some highlights to note this quarter include:

- Potable water and recycled water consumption show an increase from the last fiscal year for this quarter, most likely related to weather.
- The decrease in imported potable water from the Allen-McColloch Pipeline and increase in the Joint Transmission Main can be attributed to an open valve in the system that was identified by staff and closed to reduce pumping costs.
- The increase in the Interties to Other Districts for the potable water tables shows the flow being delivered to the El Toro Water District to support their operation while repairs on being made to an existing pump station. Repairs are anticipated to be completed by June.
- Recycled water production is primarily being delivered to fill the Upper Oso Reservoir. The District's capacity is currently around 750 acre-feet of the available 1,000 acre-feet of storage.
- Customers signing up for E-Bill service has increased by 26% from the previous fiscal year.
- Variances for population adjustments and irrigation adjustments have decreased by nearly 50% from the previous fiscal year.

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District staff will be available to answer questions during the meeting regarding the Quarterly Operational Status Report.

RECOMMENDATION:

Staff is recommending the Board of Directors take the following actions under the consent calendar at the February 21, 2013, regular Board Meeting:

- Receive and File.

METERS IN SERVICE**SECOND QUARTER 12/13**

Description	Meters Added/(Subtracted) this Quarter	Total Meters at End of Quarter	Total Meters One Year Ago
Single Family	21	33,701	33,645
Multi Family	44	15,479	15,349
Commercial	1	2,875	2,871
Irrigation	3	2,660	2,651
Total	69	54,715	54,516

Total population as of 2010 Census: 163,805

POTABLE WATER IMPORTED**SECOND QUARTER 12/13**

Source	Current Quarter Volume (af)	Year to Date Volume (af)	Previous Year to Date Volume (af)
Joint Transmission Main	867.5	2,078.1	1,336.5
Allen-McColloch Pipeline	1,492.4	4,063.2	5,044.8
Central Intertie Pipeline	4,077.0	9,287.3	8,389.3
**Interties to MNWD	0	0	0
Interties to Other Districts	(194.3)	(290.7)	0
Total	6,242.6	15,137.9	14,770.6

#7.**WASTEWATER TREATMENT FLOWS (MGD)****SECOND QUARTER 12/13**

Description	Capacity Ownership (MGD)	Current Quarter Daily Average (MGD)	Previous Year Daily Average (MGD)
Plant 3A	5.75	1.85	1.97
Joint Regional	12.0	9.07	9.22
JB Latham	3.0	1.33	1.53
Coastal	1.96	0	0
Total Flow	22.71	12.25	12.72

RECYCLED WATER PRODUCED**SECOND QUARTER 12/13**

Source	Current Quarter Volume (af)	Year to Date Volume (af)	Previous Year to Date Volume (af)
Regional AWT	1,248.7	3,414.0	3,262.1
Plant 3A AWT	179.9	514.3	376.4
SCWD AWT **	1.6	(34.2)	0.3
Total Produced	1,430.2	3,894.1	3,638.8
From Other Sources	49.2	253.1	14.3
To(-)/From(+) Storage	(177.1)	200.6	215.4
Total Delivered	1,302.3	4,347.8	3,868.5

**To MNWD (+) / From MNWD (-)

District Activity Report - Second Quarter 12/13		
	SECOND QUARTER 2012	SECOND QUARTER 2011
<u>BILLING:</u>		
Auto Pay	8,723	8,788
Delinquent Notices Mailed	3,336	3,765
E-Bill Customers	10,419	8,250
Letter of Credit	5	9
Turn-offs (non-payment)	311	365
New Meter Service	69	93
<u>CONSERVATION:</u>		
Home/Commercial Surveys	751	482
Over Allocation Calls	3,497	4,238
Over Allocation Letters Mailed	0	2,707
Variances - Population	469	1,007
Irrigation Adjustments	645	1,215
Rebate Inspections	218	n/a

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors **MEETING DATE:** February 19, 2013

FROM: Matt Collings, Director of Engineering and Operations
Eva Plajzer, Principal Engineer
Doug Zytkevicz, Superintendent of Customer Service

SUBJECT: Fiscal Year 2012-2013 Meter Maintenance and Replacement Program

SUMMARY:

Issue: Staff requests authorization to procure meters for new meter installations and the meter maintenance/replacement program.

Recommendation: Authorize additional meter purchases with Aquametrics for an amount not-to-exceed \$434,348 and Equarius for an amount not-to-exceed \$301,629 for the Fiscal Year 2012-13.

Fiscal Impact: The meter purchases budget in Fiscal Year 2012-13 Operating budget is \$747,000 for meter replacement/maintenance and budgeted in the warehouse inventory for new development meter purchases.

Previously Related Action: none

BACKGROUND:

As of December 2012, the District has 54,651 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. The meter size depends on type of usage and volume of flow, with higher usage customers having large size meters.

The Customer Service Department of the Engineering and Operations Division is tasked with maintaining and replacing the meters. A proactive meter maintenance program is critical to the District’s operations to ensure accuracy of the meters for correct usage and billing data. This includes routine maintenance for repair and replacement of stopped, malfunctioning, or damaged meters and an on-going replacement of old, worn-out or obsolete meters. The most common maintenance tasks include replacement of the meter registers, lids or reading ports. On average, staff replaces about 1,000 meters and performs additional maintenance on about 1,600 meters each year. Table 1

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summarizes the various maintenance activities year-to-date. The expenditure for these activities is \$121,067 to date.

**Table 1
Summary of Meter Maintenance Activities for
Fy12-13**

Type of Activity	July 1 to December 31, 2012
Meter Replacements	400
Register Replacements	134
Port Replacement	432
Lid Replacements	125
Chamber Replacements	9

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. On average, the District replaces 1,600 residential and commercial meters each year as part of the meter replacement program. For this fiscal year, staff has evaluated and identified various routes for residential meter replacement. Table 2 summarizes the areas and cost of the replacements.

**Table 2
Summary of Proposed Meter Replacements for Fiscal Year 2012-13**

Subdivision and Route	Number of Meters	Age of Existing Meters, years	Replacement Cost
Yolanda, Route 8-1	150	20	\$18,723
Lanteen Cir, Route 7-28	76	20	\$9,487
Nueva Vista, Route 1-90	360	25	\$44,994
Dogwood, Route 6-36	412	20	\$51,425
Seaspray, Route 1-70	250	25	\$31,205
Port, Route 1-72	304	25	\$54,818
Total	1,552		\$210,652

The meters in Table 3 represent the residential component of the replacement program with mostly 5/8-inch meters. In addition to residential meters, staff has been replacing and upgrading commercial meters in the 3-inch to 10-inch size. Most of the District's large size meters are Sensus brand compound meters. In 2010, Sensus informed the District that these meters and its parts will be discontinued and no longer available for purchase. Over the last two years, staff has replaced a large portion of these meters with the Sensus Omni meters, a new product that became available in 2008 that the District staff tested extensively. The tests showed that this new meter product has superior performance and lower maintenance costs. The District still needs to replace 42 4-inch commercial meters at a cost of \$116,716 to complete the commercial replacement program.

In addition to replacing the meters, additional components may need to be replaced. These include meter box lids, mechanical joint couplings, and other auxiliary parts as needed.

Meters are also sold to the public when new developments are constructed and customers up-size their services. Table 3 summarizes the meter sales to the public over the last three fiscal years. Staff does not anticipate significant meter sales in the future as there are limited number of vacant, un-metered parcels within the District's boundary.

**Table 3
Summary of Meter Sales**

Meter Size	Fy10-11		FY11-12		FY12-13 through Dec 2012	
	Count	Amount	Count	Amount	Count	Amount
3/4-inch	-	-	-	-	-	-
1-inch	269	\$60,233	1,081	\$181,371	57	\$9,559
1&1/2-inch	2	\$472.19	2	\$744	1	\$472
2-inch	7	\$3,137	7	\$2,912	-	-
Total	278	\$63,843	1,090	\$185,027	58	\$10,031

DISCUSSION:

The products used to perform the maintenance functions for the meters are purchased and stored in the warehouse. Because the backorder period for the various products can range from two to four months, the warehouse stocks about five months worth of parts or about 500 meters. The meters used in the District are primarily Sensus and

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Neptune Technology Group (Neptune) meters. These meters are used because of their history of good performance and accuracy. Meter technology changes at a fast pace and staff continuously evaluates new technologies for performance and accuracy. Only the products that show consistently accurate readings and have reliable performance are selected for District use. These meters are priced at the beginning of each fiscal year, with firm pricing valid for the entire year.

The two manufacturers that currently supply District meter stock are Sensus and Neptune. These manufacturers do not retail their products. The only designated retail distributor for Sensus is Aquametrics and for Neptune is Equarius. In order to accomplish the maintenance and replacement projects discussed earlier, the District will need to expend funds with these two distributors. Table 4 below summarizes the expenditures with these distributors for the last two fiscal year and current fiscal year through November 2012.

Table 4
Summary of Expenditures with Various Meter Program Distributors

Distributor	FY10-11 Purchases	FY11-12 Purchase	FY12-13 Year to Date Purchases
Aquametrics	\$216,307	\$400,795	\$207,632
Equarius/ Measurement Controls	\$440,638	\$279,254	\$10,977
Total	\$656,945	\$680,049	\$218,609

These expenditures are for all meter purchases, warehouse stock replacement, meter sales, and for meter replacement projects. On average, the District expends \$670,000 per year on meters. To date, the District has spent \$218,609 on meters. Staff anticipates that an additional \$517,368 will be expended for this fiscal year on the meter program with approximately \$170,000 going towards the maintenance of the existing meters and \$327,368 going towards the replacement of the meters discussed earlier. An estimated breakdown of the meter purchases for each function is identified on Table 5.

Table 5
Projected Expenditure for the FY12-13 for the Meter Program

Distributor	FY12-23 Year to Date Purchases	Projected Expenditures			Total
		Meter Repairs	Meter Replacement	New Meter Purchases	
Aquametrics	\$207,632	\$100,000	\$116,716	\$10,000	\$434,348
Equarius	\$10,977	\$70,000	\$210,652	\$10,000	\$301,629
Total	\$218,609	\$170,000	\$327,368	\$20,000	\$735,977

RECOMMENDATION:

Staff is recommending the Board of Directors take the following actions under the consent calendar at the February 21, 2013, Regular Board Meeting:

- Ratify purchases with Aquametrics of \$207,632
- Authorize additional meter purchases with Aquametrics for an amount not-to-exceed \$434,348 and Equarius for an amount not-to-exceed \$301,629 for the Fiscal Year 2012-13.

Moulton Niguel Water District



STAFF REPORT

TO: Board of Directors **MEETING DATE:** February 19, 2013

FROM: Matt Collings, Director of Engineering and Operations
 Eva Plajzer, Principal Engineer
 Ray McDowell, Field Engineering Superintendent

**SUBJECT: Manhole Rehabilitation Program FY12-13
 Stonehill Manhole Rehabilitation
 Project No. 2012.004**

SUMMARY:

Issue: Change Order to Ayala Engineering for additional manhole rehab work.

Recommendation: Increase the project authorization by \$132,925 from \$58,000 to a total of \$190,925 and authorize the General Manager to approve change orders up to \$140,000 to Ayala Engineering Construction Contract.

Fiscal Impact: The project is currently in the 10-year Capital Improvement Program (CIP) and budgeted in the Fiscal Year 2012-2013. The Project budget for 2012-2013 is \$58,000. The additional funds, \$132,925, will be moved from Fund 7 – Unanticipated Projects, to this project.

Previously Related Action: December 20, 2012 – The Board of Directors increased the project authorization by \$39,000 from \$19,000 to a total of \$58,000 and awarded of the Construction Contract to Ayala Engineering for an amount of \$34,550.

BACKGROUND:

The District’s sewer collection system has approximately 530 miles of sewer main and over 10,000 sewer manholes. The majority of the District’s sewer system is 25 to 50 years old. Under normal operating conditions, a sewer manhole may have a useful life of approximately 50 years. A proactive condition assessment program is necessary to identify manholes in need of rehabilitation. Several factors impact the

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longevity of sewer manholes, including construction methods, system design, and operational changes.

The District has an inspection and cleaning program for the sewer system that helps to identify facilities in need of rehabilitation or replacement. Based on the age of its facilities and the results from the inspection program, the District identified a need for a Manhole Rehabilitation Program. This program was placed in the 10-year Capital Improvement Program (CIP) with an annual funding of \$50,000. This funding level was preliminary and will be revised as the District continues to assess the condition of the sewer manholes and executes manhole rehabilitation projects.

At the beginning of the fiscal year, staff identified six manholes in Dana Point, along Stonehill Drive, that required rehabilitation. Staff issued a request for bids for said rehabilitation and received two bids. At the December 20, 2012, Board of Directors meeting, the Board awarded the contract to Ayala Engineering for a total amount of \$34,550.

DISCUSSION:

As the District's sewer maintenance crews are trained in assessing sewer manhole conditions, they identified additional manholes that are in need of rehabilitation. Staff already identified two additional manholes. In order to ensure timely maintenance of the manholes and to maximize the benefit from the recent bid, staff determined that having the flexibility to increase the contract with Ayala Engineering to accommodate additional manholes would save the District time and money.

Staff has identified two additional manholes within the last six weeks, and has determined that additional contingency to allow for the rehabilitation of up to 20 manholes over the next four months is appropriate. Staff is requesting a contingency amount of \$140,000 that could cover the rehabilitation costs, permitting, and inspections by specialty inspectors and District staff of up to 20 additional manholes. Once the manholes are identified and pricing agreed upon, a change order will be issued to the contractor for an amount not to exceed the approved total contract amount.

RECOMMENDATION:

Staff is recommending that the Board of Directors take the following actions under the consent calendar at the February 21, 2013, Regular Board Meeting:

- Increase the project authorization by \$132,925 from \$58,000 to a total of \$190,925;
- Authorize the General Manager or her designee to approve change orders up to \$140,000 to the Ayala Engineering Construction Contract.

SUMMARY OF PROJECT BUDGET

The table below summarizes the project budget.

	Previously Approved	Requested Amount	Total Amount	Expended to Date
Project Items				
Design Services ⁽¹⁾	\$4,500	\$0	\$4,500	\$3,905
Construction ⁽²⁾	\$34,550	\$0	\$34,550	\$0
Legal Services	\$1,000	\$0	\$1,000	\$0
Construction Inspection	\$5,875	\$0	\$5,875	\$0
District Labor	\$3,000	\$0	\$3,000	\$341
Permits	\$2,000	\$0	\$2,000	\$0
Project Change Orders	\$7,075	\$132,925	\$140,000	\$0
Totals	\$58,000	\$132,925	\$190,925	\$4,256

Overall Project Budget

Project Amount in Current Budget	\$58,000
Current Expense Authorization	\$58,000
Additional Expense Authorization Request	\$132,925
Project Total Expense Authorization	\$190,925

(1) Dudek provided engineering services to prepare the technical specifications for manhole lining materials and installation.

(2) Construction Contract to Ayala Engineering

