

OTAY WATER DISTRICT
ENGINEERING, OPERATIONS & WATER RESOURCES COMMITTEE MEETING
and
SPECIAL MEETING OF THE BOARD OF DIRECTORS

2554 SWEETWATER SPRINGS BOULEVARD
SPRING VALLEY, CALIFORNIA
Board Room

MONDAY
September 15, 2014
11:30 A.M.

This is a District Committee meeting. This meeting is being posted as a special meeting in order to comply with the Brown Act (Government Code Section §54954.2) in the event that a quorum of the Board is present. Items will be deliberated, however, no formal board actions will be taken at this meeting. The committee makes recommendations to the full board for its consideration and formal action.

AGENDA

1. ROLL CALL
2. PUBLIC PARTICIPATION – OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO SPEAK TO THE BOARD ON ANY SUBJECT MATTER WITHIN THE BOARD'S JURISDICTION BUT NOT AN ITEM ON TODAY'S AGENDA

DISCUSSION ITEMS

3. APPROVE A CONSTRUCTION CONTRACT WITH OLYMPUS & ASSOCIATES, INC. FOR THE 944-1, 944-2 & 458-2 RESERVOIR INTERIOR/EXTERIOR COATINGS AND UPGRADES PROJECT IN AN AMOUNT NOT-TO-EXCEED \$1,206,008 (CAMERON) [5 minutes]
4. APPROVE A CONSTRUCTION CONTRACT WITH RAP ENGINEERING, INC. FOR THE 870-1 RESERVOIR ACCESS ROAD PAVING PROJECT IN AN AMOUNT NOT-TO-EXCEED \$207,362.02 (ALMGREN) [5 minutes]
5. APPROVE UTILITY AGREEMENT NO. 33622 WITH CALTRANS FOR ROUTES 11/125/905 CONNECTOR RAMPS BLOW OFF RELOCATION PROJECT (MARCHIORO) [5 minutes]
6. APPROVE A PROFESSIONAL SERVICES CONTRACT WITH PIPELINE INSPECTION & CONDITION ANALYSIS CORPORATION FOR INSPECTION AND CONDITION ASSESSMENT OF THE RALPH W. CHAPMAN WATER RECYCLING FACILI-

TY 14-INCH FORCE MAIN IN AN AMOUNT NOT-TO-EXCEED \$302,092 (MARCHIORO) [5 minutes]

7. APPROVE AMENDMENT NO. 2 TO THE EXISTING CONTRACT WITH AECOM TECHNICAL SERVICES, INC. FOR THE DESIGN OF THE OTAY MESA DESALINATION CONVEYANCE AND DISINFECTION SYSTEM PROJECT DECREASING THE CONTRACT BY \$364,774 RESULTING IN A LOWER CONTRACT AMOUNT WITH AECOM OF AN AMOUNT NOT-TO-EXCEED \$3,681,932 (COBURN-BOYD) [5 minutes]
8. FISCAL YEAR-END 2014 STRATEGIC PERFORMANCE PLAN REPORT (STEVENS) [10 minutes]
9. SAN DIEGO COUNTY WATER AUTHORITY UPDATE (WATTON) [10 minutes]
10. ADJOURNMENT

BOARD MEMBERS ATTENDING:

David Gonzalez, Chair
Gary Croucher

All items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

The Agenda, and any attachments containing written information, are available at the District's website at www.otaywater.gov. Written changes to any items to be considered at the open meeting, or to any attachments, will be posted on the District's website. Copies of the Agenda and all attachments are also available through the District Secretary by contacting her at (619) 670-2280.

If you have any disability that would require accommodation in order to enable you to participate in this meeting, please call the District Secretary at 670-2280 at least 24 hours prior to the meeting.

Certification of Posting

I certify that on September 12, 2014 I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of Otay Water District, said time being at least 24 hours in advance of the meeting of the Board of Directors (Government Code Section §54954.2).

Executed at Spring Valley, California on September 12, 2014.

/s/ Susan Cruz, District Secretary

AGENDA ITEM 3



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	October 1, 2014		
SUBMITTED BY:	Kevin Cameron Assistant Civil Engineer II Bob Kennedy Engineering Manager	PROJECT:	P2531-001103 P2532-001103 P2535-001103	DIV. NO.:	2 & 5
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager				
SUBJECT:	Award of a Construction Contract to Olympus & Associates, Inc. for the 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coatings & Upgrades Project				

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board of Directors (Board) award a construction contract to Olympus & Associates, Inc. (Olympus) and to authorize the General Manager to execute a construction contract with Olympus for the 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coatings & Upgrades Project in an amount-not-to exceed \$1,206,008 (see Exhibits A-1 & A-2 for Project locations).

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

To obtain Board authorization for the General Manager to enter into a construction contract with Olympus for the 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coatings & Upgrades Project in an amount-not-to exceed \$1,206,008.

ANALYSIS:

In June 2013, the District's corrosion consultant, V&A Consulting Engineers, completed a Corrosion Control Program (CCP) that addressed the installation, maintenance, and monitoring of corrosion protection systems for the District's steel reservoirs and buried metallic piping. The CCP included a reservoir maintenance schedule that showed the 944-1 (0.3 MG), 944-2 (3.0 MG), and the 458-2 (1.8 MG) Reservoirs were due to be recoated on both the interior and exterior surfaces. In addition to replacing the coatings of the reservoirs, structural upgrades will be added to comply with the current American Water Works Association (AWWA) and the Occupational Safety and Health Administration standards for both Federal (OSHA) and State (Cal-OSHA) levels.

An external inspection of the reservoir was performed in 2008 by Utility Service Company, Inc. as part of a multiple tank investigation. An internal inspection was completed in March 5, 2014 by HDR, Inc. (HDR). The recommended coating and structural upgrades, developed with input from engineering and operations staff, are as follows: replace the twenty (20) year old coating on the interior and exterior surfaces, replace the existing level indicators, install a new fall prevention device on the interior ladder, modify anode access ports, replace all anodes, replace the roof vents, install new safety cable lanyards, and add miscellaneous tank penetrations for chlorination and sampling. These upgrades will ensure compliance with AWWA, OSHA, and Cal-OSHA requirements as well as upgrade antiquated equipment on the tank.

The Project was advertised on July 23, 2014 on the District's website and several other publications including the San Diego Daily Transcript. A Pre-Bid Meeting was held on August 7, 2014, which was attended by seven (7) contractors. Two (2) addenda were sent out to all bidders and plan houses to address questions and clarifications to the contract documents during the bidding period. Bids were publicly opened on August 20, 2014, with the following results:

	CONTRACTOR	TOTAL BID AMOUNT	CORRECTED BID AMOUNT
1	Olympus & Associates, Inc. Reno, NV	\$1,206,008.00	
2	Advanced Industrial Services, Inc., Los Alamitos, CA	\$1,252,690.00	
3	Farr Construction, Sparks, NV	\$1,471,771.00	\$1,471,770.00
4	Blastco, Inc. Downey, CA	\$1,592,470.00	
5	Paso Robles Tank, Inc. Laguna Hills, CA	\$1,609,626.00	\$1,609,632.52

6	Abhe & Svoboda, Inc. Alpine, CA	\$1,946,230.00	
7	Utility Service Co., Inc. Perry, GA	\$1,561,377.00	\$2,064,763.92

The Engineer's Estimate is \$1,499,000.

The 458-2 Reservoir was part of the 624-2 and 458-2 Reservoir coating project that was bid in August of 2013. On the day of the bid opening, October 29, 2013, three (3) bids were received late due to a FedEx plane arriving late into San Diego. Following District policy, the late bids were returned unopened. Also, the low bidder did not hold the proper certification, as required by the contract documents, and was considered unresponsive. Therefore, per staff's recommendation, the Board elected to reject all bids. The 624-2 Reservoir Coating was rebid two weeks later and the 458-2 Reservoir was delayed until this fiscal year to avoid the reservoir being out of service during the summer months.

The table below describes both the cost of rebidding the 624-2 and the 458-2 reservoirs and the overall savings.

Name	Original Bid Amount 8/29/13	458-2 Rebid 8/20/14	624-2 Rebid 10/29/13	Difference (+/-)	Costs Incurred Between Bids	Total Savings
458-2	\$446,514	\$404,100		-\$42,414	\$8,080	\$34,334
624-2	\$1,251,603		\$1,199,000	-\$82,603	\$14,569	\$68,034
				Total Savings		\$102,368

Staff reviewed the submitted bids for conformance with the contract requirements and determined that Olympus was the lowest responsive and responsible bidder. Olympus holds a Class C-33, Painting and Decorating, Contractor's License, which meets the contract document's requirements, and is valid through April 30, 2016. Olympus also holds a current QP-2 certification from the Society for Protective Coatings, which was also a requirement. Four (4) references were contacted and all indicated a good performance record on similar projects. An internet background search of the company was performed and revealed no outstanding issues with this company.

Staff has verified that the bid bond provided by Olympus is valid. Staff will also verify that Olympus' Performance Bond and Labor and Materials Bond are valid prior to execution of the contract.

FISCAL IMPACT: Joe Beachem, Chief Financial Officer

The total budget for CIP P2531, as approved in the FY 2015 budget, is \$240,000. Total expenditures, plus outstanding commitments and forecast, are \$239,801. See Attachment B-1 for the budget detail.

The total budget for CIP P2532, as approved in the FY 2015 budget, is \$950,000. Total expenditures, plus outstanding commitments and forecast, are \$750,132. See Attachment B-2 for the budget detail.

The total budget for CIP P2535, as approved in the FY 2015 budget, is \$640,000. Total expenditures, plus outstanding commitments and forecast, are \$570,634. See Attachment B-3 for the budget detail.

Based on a review of the financial budget, the Project Manager anticipates that the budget is sufficient to support the Project.

Finance has determined that 100% of the funding is available from the Replacement Fund for all three (3) CIP's.

STRATEGIC GOAL:

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the General Manager's Vision, "A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service."

LEGAL IMPACT:

None.

KC/BK:jf

P:\WORKING\CIP P2531 & P2532 - 944-1 & 2 Reservoir Int-Ext Coating\Staff Reports\10-01-14, Staff Report, 944-1, 944-2, & 458-2 Reservoir Coating(KC-BK).docx

- Attachments:
- Attachment A - Committee Action
 - Attachment B-1 - Budget Detail for P2531
 - Attachment B-2 - Budget Detail for P2532
 - Attachment B-3 - Budget Detail for P2535
 - Exhibit A-1 - Location Map for 944-1 & 944-2
 - Exhibit A-2 - Location Map for 458-2



ATTACHMENT A

SUBJECT/PROJECT: P2531-001103 P2532-001103 P2535-001103	Award of a Construction Contract to Olympus & Associates, Inc. for the 944-1, 944-2, & 458-2 Reservoir Interior/ Exterior Coatings & Upgrades Project
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COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a meeting held on September 15, 2014. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



ATTACHMENT B-1 – Budget Detail for P2531

SUBJECT/PROJECT:	Award of a Construction Contract to Olympus & Associates, Inc. for the 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coatings & Upgrades Project
P2531-001103	
P2532-001103	
P2535-001103	

Otay Water District					Date Updated: 8/21/14
P2531-944-1 Reservoir Interior/Exterior Coating					
<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment &</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
240,000					
Planning					
Standard Salaries	468	468	-	468	
Consultant Contracts	3,411	3,411	-	3,411	HDR ENGINEERING INC
Regulatory Agency Fees	25	25	-	25	PETTY CASH CUSTODIAN
Total Planning	3,904	3,904	-	3,904	
Design					
Standard Salaries	4,144	3,144	1,000	4,144	
Service Contracts	45	45	-	45	SAN DIEGO DAILY TRANSCRIPT
Construction Contracts	90	90	-	90	CLARKSON LAB & SUPPLY INC
Total Design	4,279	3,279	1,000	4,279	
Construction					
Standard Salaries	8,479	279	8,200	8,479	
Construction Contract	198,228	-	198,228	198,228	OLYMPUS & ASSOCIATES
Service Contracts	7,500	-	7,500	7,500	HDR-SPECIALTY INSPECTION
	5,000	-	5,000	5,000	ALYSON CONSULTING-CM
Project Closeout	3,000	-	3,000	3,000	CLOSEOUT
Project Contingency	9,911	-	9,411	9,411	5% CONTINGENCY
Total Construction	232,118	279	231,339	231,618	
Grand Total	240,301	7,462	232,339	239,801	



ATTACHMENT B-2 – Budget Detail for P2532

SUBJECT/PROJECT:	Award of a Construction Contract to Olympus & Associates, Inc. for the 944-1, 944-2, & 458-2 Reservoir Interior/ Exterior Coatings & Upgrades Project
P2531-001103	
P2532-001103	
P2535-001103	

Otay Water District					Date Updated: 8/21/14
P2532-944-2 Reservoir Interior/Exterior Coating					
Budget	Committed	Expenditures	Outstanding Commitment &	Projected Final Cost	Vendor/Comments
950,000					
Planning					
Standard Salaries	468	468	-	468	
Consultant Contracts	3,411	3,411	-	3,411	HDR ENGINEERING INC
Regulatory Agency Fees	25	25	-	25	PETTY CASH CUSTODIAN
Total Planning	3,904	3,904	-	3,904	
Design					
Standard Salaries	8,007	6,007	2,000	8,007	
Service Contracts	45	45	-	45	SAN DIEGO DAILY TRANSCRIPT
Total Design	8,052	6,052	2,000	8,052	
Construction					
Standard Salaries	60,112	112	60,000	60,112	
Construction Contract	583,680	-	583,680	583,680	OLYMPUS & ASSOCIATES
Service Contracts	30,000	-	30,000	30,000	HDR-SPECIALTY INSPECTION
	25,200	-	25,200	25,200	ALYSON CONSULTING-CM
Project Closeout	10,000	-	10,000	10,000	CLOSEOUT
Project Contingency	29,184	-	29,184	29,184	5% CONTINGENCY
Total Construction	738,176	112	738,064	738,176	
Grand Total	750,132	10,068	740,064	750,132	

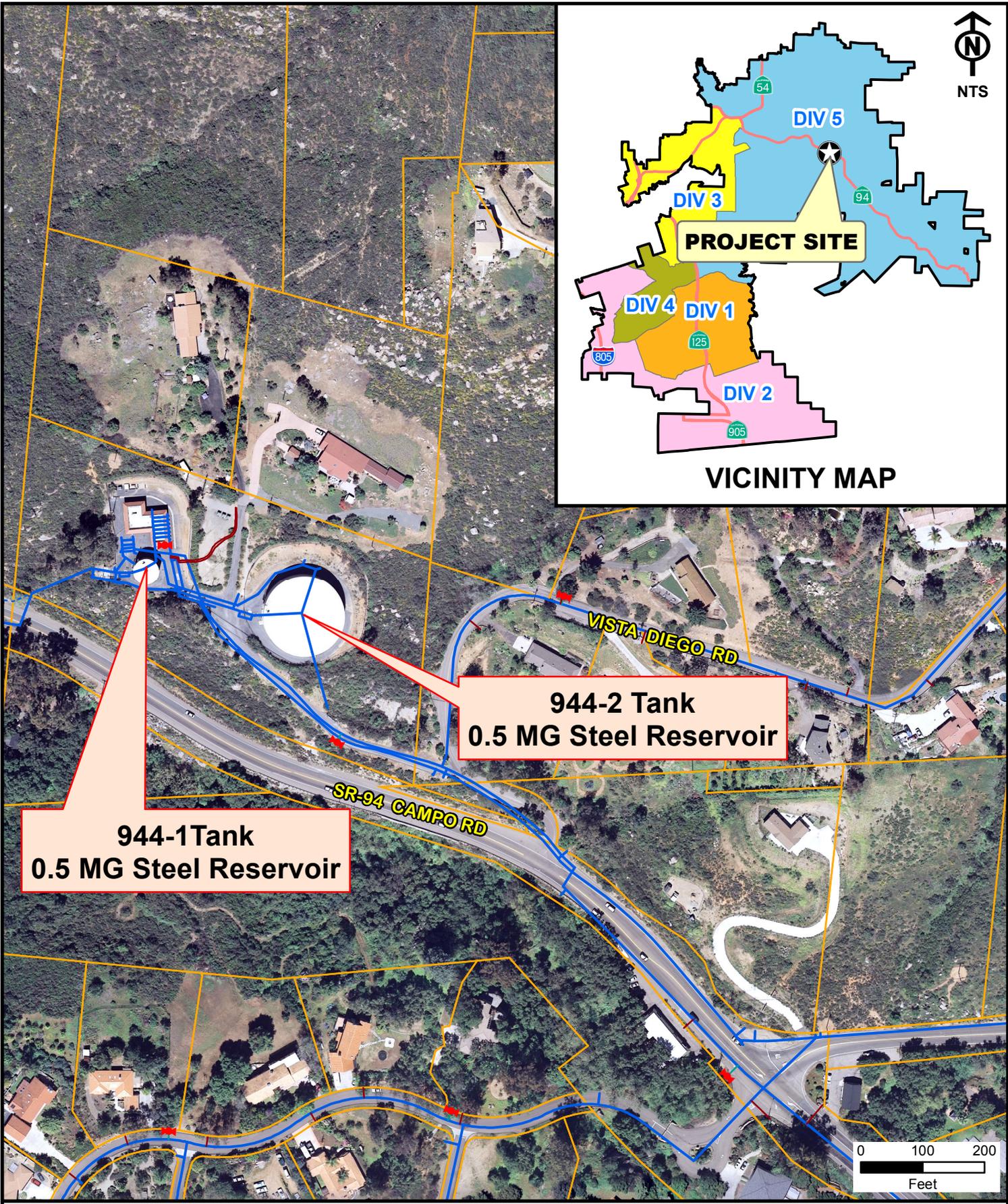


ATTACHMENT B-3 – Budget Detail for P2535

SUBJECT/PROJECT:	Award of a Construction Contract to Olympus & Associates, Inc. for the 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coatings & Upgrades Project
P2531-001103	
P2532-001103	
P2535-001103	

Otay Water District					Date Updated: 8/21/14
P2535-458-2 Reservoir Interior/Exterior Coating					
Budget	Committed	Expenditures	Outstanding Commitment &	Projected Final Cost	Vendor/Comments
640,000					
Planning					
	-	-	-	-	
Total Planning	-	-	-	-	
Design					
Standard Salaries	11,581	9,581	2,000	11,581	
Professional Legal Fees	-	-	-	-	STUTZ ARTIANO SHINOFF
Consultant Contracts	2,715	2,715	-	2,715	CSI SERVICES INC
Service Contracts	4,802	4,802	-	4,802	MAYER
	89	89	-	89	SAN DIEGO DAILY TRANSCRIPT
Total Design	19,187	17,187	2,000	19,187	
Construction					
Standard Salaries	53,070	3,070	50,000	53,070	
Construction Contract	424,100	-	424,100	424,100	OLYMPUS & ASSOCIATES
Service Contracts	47	47	-	47	SAN DIEGO DAILY TRANSCRIPT
	30,000	-	30,000	30,000	HDR-SPECIALTY INSPECTION
	13,000	-	13,000	13,000	ALYSON CONSULTING-CM
Regulatory Agency Fees	25	25	-	25	PETTY CASH CUSTODIAN
Project Closeout	10,000	-	10,000	10,000	CLOSEOUT
Project Contingency	21,205	-	21,205	21,205	5% CONTINGENCY
Total Construction	551,447	3,142	548,305	551,447	
Grand Total	570,634	20,329	550,305	570,634	

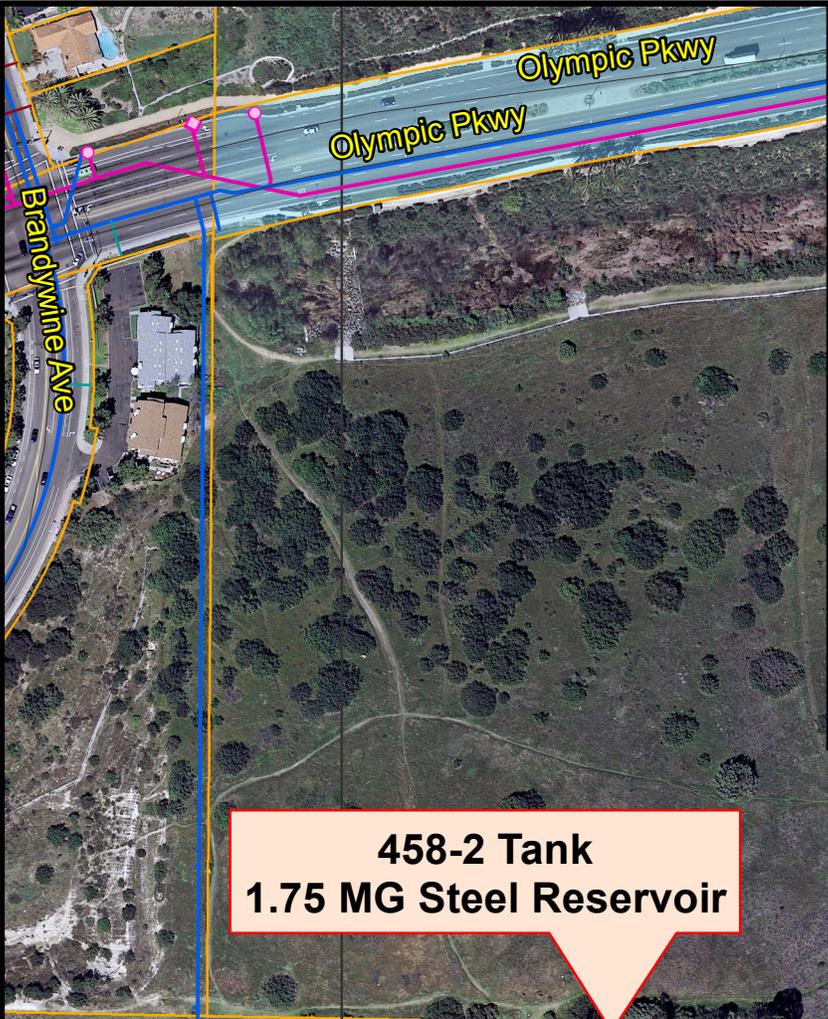
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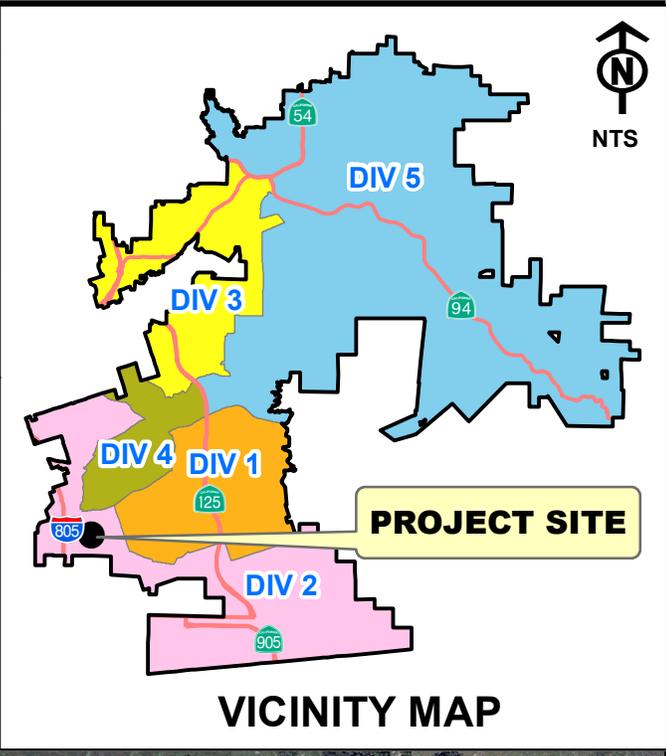
OTAY WATER DISTRICT

**944-1 & 944-2 Reservoirs Exterior/Interior Coating Project
Location Map**

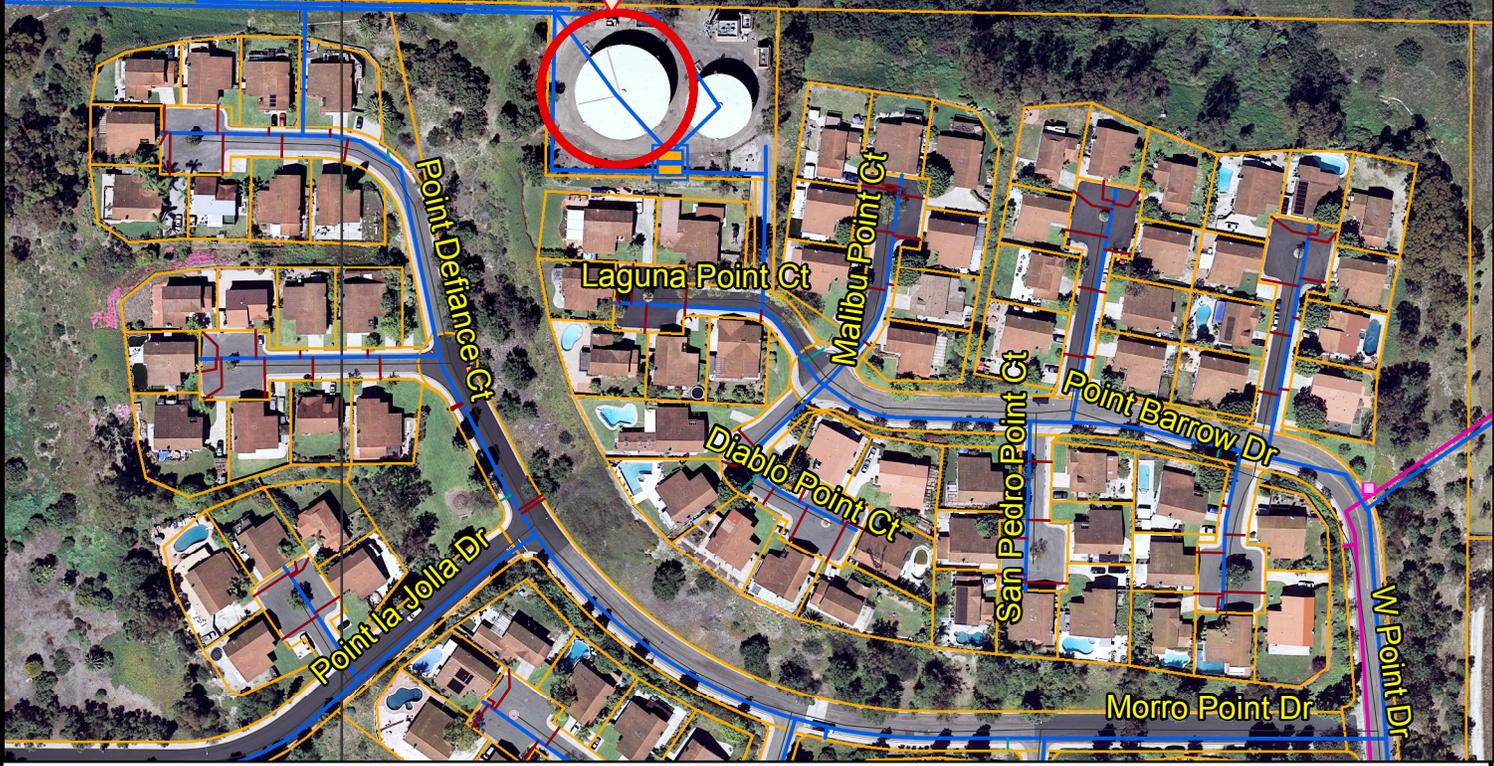
NTS
CIP P2531
CIP P2532



**458-2 Tank
1.75 MG Steel Reservoir**



VICINITY MAP



OTAY WATER DISTRICT
**458-2 Reservoir Interior/Exterior
Coating and Upgrades**



CIP P2535

P:\WORKING\CIP P2493 & P2535 624-2 & 458-2 Reservoir Coating\Graphics\Exhibits\Figures\458-2_Location.mxd

AGENDA ITEM 4



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	October 1, 2014
SUBMITTED BY:	Howard Almgren Senior Civil Engineer	PROJECT:	P2515-001103
	Bob Kennedy Engineering Manager	DIV. NO.:	2
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Award of a Construction Contract to RAP Engineering, Inc. for the 870-1 Reservoir Access Paving Project		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board of Directors (Board) award a construction contract to RAP Engineering, Inc. (RAP Engineering) and to authorize the General Manager to execute an agreement with RAP Engineering for the 870-1 Reservoir Access Road Paving Project in an amount-not-to exceed \$207,362.02 (see Exhibit A for Project location).

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

To obtain Board authorization for the General Manager to enter into a construction contract with RAP Engineering for the 870-1 Reservoir Access Road Project in an amount-not-to exceed \$207,362.02.

ANALYSIS:

The 870-1 Reservoir is a 10.98 million gallon reservoir in Otay Mesa near the end of Alta Road (see Exhibit A for Project location). The reservoir receives a daily inspection to observe its general condition. Regular maintenance activities or operation are necessary and the existing perimeter dirt road is difficult to travel on any day but can be very difficult during rainy days. The perimeter dirt road, approximately 2,100-feet in length, is in need of repair and the roll gate at the site entrance needs to be replaced.

The new road will be 12-feet wide, paved with asphalt concrete on imported crushed aggregate base. The road will also include a "staging" area or vehicle turn around at the reservoir entrance to facilitate future maintenance projects.

The Project was advertised on July 18, 2014 on the District's website and several other publications including the San Diego Daily Transcript. A Pre-Bid Meeting was held on July 29, 2014, which was attended by seven (7) contractors. One (1) addendum was sent out to all bidders and plan houses to address questions and clarifications to the contract documents during the bidding period. Bids were publicly opened on August 19, 2014, with the following results:

	CONTRACTOR	TOTAL BID AMOUNT
1	RAP Engineering, Inc. Vista, CA	\$207,362.02
2	A.M. Ortega G.E.C., Inc. Lakeside, CA	\$210,423.97
3	LC Paving & Sealing, Inc. San Marcos, CA	\$223,401.00
4	Portillo Concrete, Inc. Lemon Grove, CA	\$225,614.00
5	TC Construction Co. Santee, CA	\$226,310.00
6	A.B. Hashmi, Inc. San Diego, CA	\$238,915.00
7	SRM Contracting & Paving San Diego, CA	\$246,500.00
8	Kirk Paving, Inc. Lakeside, CA	\$248,316.00
9	Visionary Construction & Consulting, Inc. Escondido, CA	\$267,881.82
10	Ramona Paving and Construction Corp. Ramona, CA	\$284,785.00

The Engineer's Estimate is \$250,000.

Three (3) bids were received and were determined to be non-responsive. They were from Miller Paving Corporation, Spring Valley, CA, (incomplete bid); Koch-Armstrong General Engineering, Inc., Lakeside, CA, (Addendum No. 1 not acknowledged in bid); and Eagle Paving Company, Inc., Poway, CA (bid bond not included in bid).

Staff reviewed the bids submitted for conformance with the contract requirements and determined that RAP Engineering was the lowest responsive and responsible bidder. RAP Engineering holds a Class A, General Engineering, Contractor's License, which meets the contract document's requirements, and is valid through June 30, 2015. The reference checks indicated an excellent performance record on similar projects. An internet background search of the company was performed and revealed no outstanding issues with this company. RAP Engineering previously worked with the District's Operations Department on one previous project and completed the work within budget and on schedule.

Staff verified that the bid bond provided by RAP Engineering is valid. Staff will also verify that RAP Engineering Performance Bond and Labor and Materials Bond are valid prior to execution of the contract.

FISCAL IMPACT: Joe Beachem, Chief Financial Officer

The total budget for CIP P2515, as approved in the FY 2015 budget, is \$550,000. Total expenditures, plus outstanding commitments and forecast, are \$435,553.06. See Attachment B for the budget detail for CIP P2515.

Based on a review of the financial budget, the Project Manager anticipates that the budget is sufficient to support the Project.

Finance has determined that 100% of the funding is available from the Replacement Fund for CIP P2515.

STRATEGIC GOAL:

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the General Manager's Vision, "A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service."

LEGAL IMPACT:

None.

HA/BK:jf

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Award Construction Reservoir Access Road Paving Project To RAP (HA-BK-RP).Docx

Attachments: Attachment A - Committee Action
Attachment B - Budget Detail
Exhibit A - Location Map



ATTACHMENT A

SUBJECT/PROJECT: P2515-001103	Award of a Construction Contract to RAP Engineering, Inc. for the 870-1 Reservoir Access Paving Project
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COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a meeting held on September 15, 2014. The Committee supported Staff's recommendation.

NOTE:

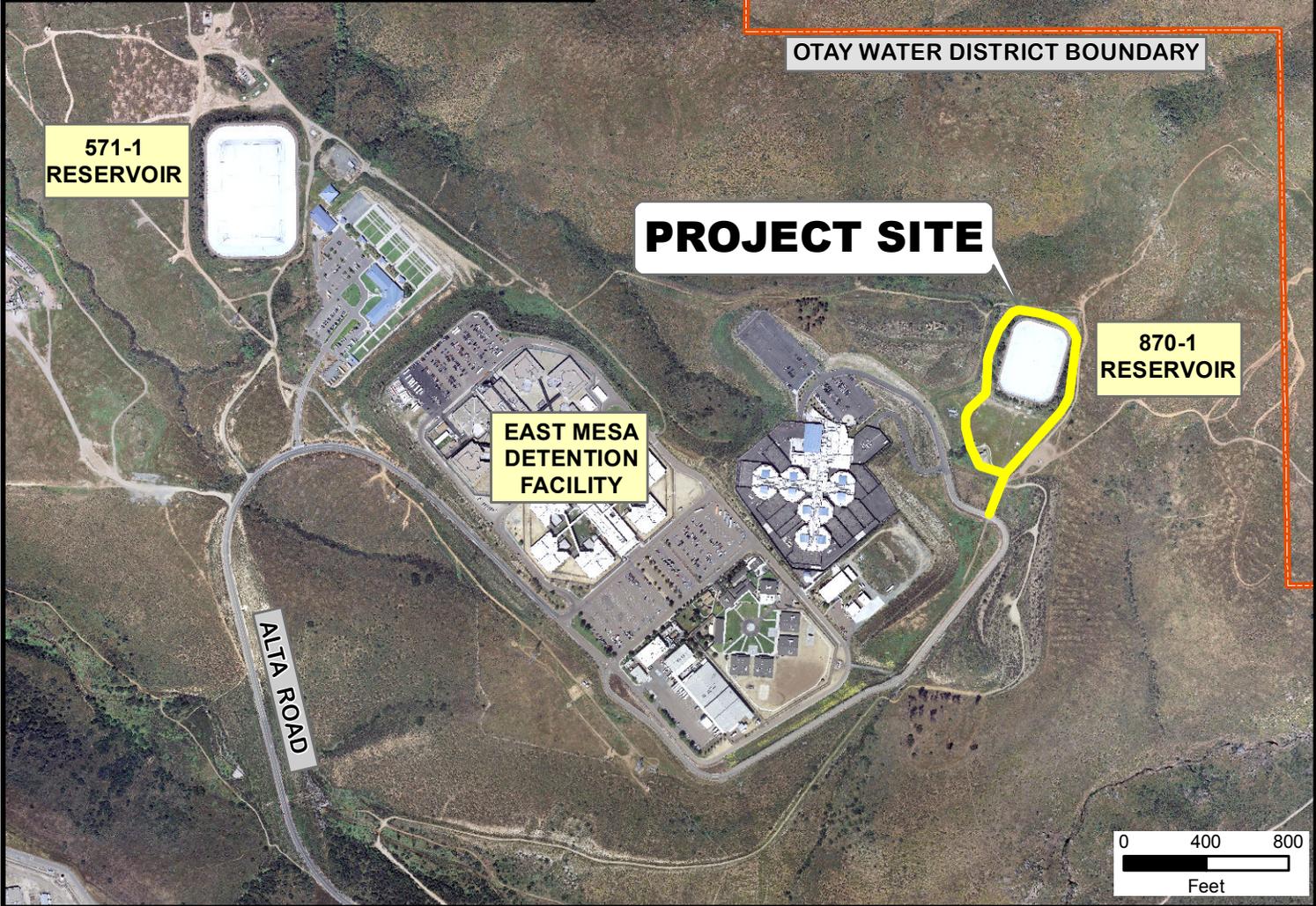
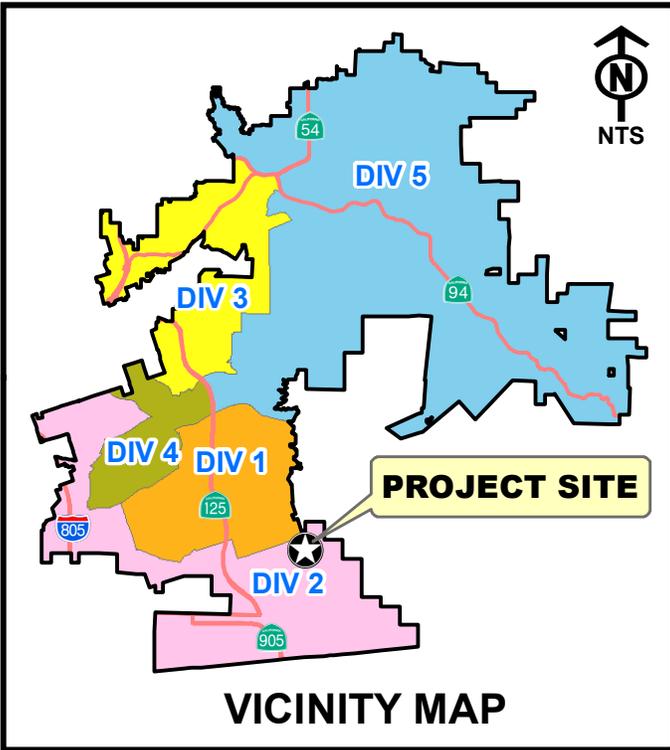
The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



ATTACHMENT B – Budget Detail

SUBJECT/PROJECT: P2515-001103	Award of a Construction Contract to RAP Engineering, Inc. for the 870-1 Reservoir Access Paving Project
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Otay Water District					Date Updated: 8/29/2014
p2515-870-1 Reservoir Paving					
Budget	Committed	Expenditures	Outstanding Commitment & Forecast	Projected Final Cost	Vendor/Comments
550,000					
Phases					
Equipment Distribution	350	350	-	350	
Total Planning	350	350	-	350	
Planning					
Consultant Contracts	19,890	19,890	-	19,890	JONES & STOKES ASSOCIATES INC
Regulatory Agency Fees	2,231	2,231	-	2,231	COUNTY OF SAN DIEGO
	50	50	-	50	PETTY CASH CUSTODIAN
Service Contracts	125	125	-	125	SAN DIEGO DAILY TRANSCRIPT
	115	115	-	115	THE STAR-NEWS PUBLISHING CO
Standard Salaries	33,740	33,740	-	33,740	
Total Planning	56,152	56,152	-	56,152	
Design					
Consultant Contracts	7,615	7,615	-	7,615	MTGL INC
	2,716	2,716	-	2,716	AIRX UTILITY SURVEYORS INC
	1,425	1,425	-	1,425	ALTA LAND SURVEYING INC
Service Contracts	109	109	-	109	SAN DIEGO DAILY TRANSCRIPT
	2,284	2,038	246	2,284	MAYER REPROGRAPHICS INC
	12	12	-	12	FIRST AMERICAN DATA TREE LLC
	1,300	1,300	-	1,300	INLAND AERIAL SURVEYS INC
Standard Salaries	116,485	112,485	4,000	116,485	
Total Design	131,947	127,701	4,246	131,947	
Construction					
Standard Salaries	22,774	2,774	20,000	22,774	
Construction Contract	207,362	-	207,362	207,362	RAP ENGINEERING, INC.
Construction Management Contract	19,200	-	19,200	19,200	ALYSON CONSULTING
Total Construction	249,336	2,774	246,562	249,336	
Grand Total	437,784	186,976	250,808	437,784	



OTAY WATER DISTRICT

870-1 RESERVOIR PAVING LOCATION MAP



CIP P2515

AGENDA ITEM 5



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	October 1, 2014
SUBMITTED BY:	Jeff Marchioro Senior Civil Engineer	PROJECT:	P2453- DIV. NO. 2 003102
	Bob Kennedy Engineering Manager		
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Approve Utility Agreement No. 33622 with Caltrans for Routes 11/125/905 Connector Ramps Blow Off Relocation Project		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board of Directors (Board) authorize the General Manager to execute Utility Agreement No. 33622 with Caltrans for Routes 11/125/905 Connector Ramps Blow Off Relocation Project (see attached Exhibit A for Project location).

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

To obtain Board authorization for the General Manager to execute Utility Agreement No. 33622 with Caltrans for Routes 11/125/905 Connector Ramps Blow Off Relocation Project.

ANALYSIS:

The Board previously approved a separate utility agreement and a construction contract associated with the SR-11 freeway on July 13, 2013 and January 4, 2014 respectively. The attached utility agreement (Exhibit C) constitutes the second round of potable water utility relocations associated with the freeway. Caltrans required a new/separate utility agreement to comply with Caltrans' funding requirements.

The attached utility agreement includes relocation of an existing 6-inch potable water blow off to accommodate a new freeway overpass. Responding to a request from Caltrans, staff submitted a claim letter dated March 28, 2014, which was revised August 12, 2014, for the utility conflict. The District has prior and superior rights for the relocation.

The total planning, design, inspection, and closeout costs incurred by the District for this relocation are estimated to be \$74,000. The calculated depreciation cost for the existing blow off is \$7,000. The total cost that Caltrans will reimburse the District at completion of the construction work is estimated at \$67,000. Consistent with the conditions of all other utility agreements between the District and Caltrans, actual costs may not exceed 125 percent of the estimated cost in the agreement without a revised amendment being executed.

The District's relocations will be constructed through a construction contract administered by the District separately from Caltrans' freeway construction project.

Staff anticipates that the above-described relocations will be awarded for construction at the January 7, 2015 Board Meeting.

The installation of the pipelines, including the tie-ins, will not adversely affect any District customers. Staff will coordinate the necessary short-term shutdowns to minimize the impact on system operations.

A future Utility Agreement will be presented to the Board for future phases of the SR-11 freeway project including the future SR-11 alignment from Enrico Fermi Drive to a future Port of Entry facility and the U.S. border with Mexico.

FISCAL IMPACT: Joe Beachem, Chief Financial Officer

The total planning, design, inspection, and closeout costs incurred by the District for this relocation are estimated to be \$74,000. The calculated depreciation cost for the existing blow off is \$7,000. The total net cost that Caltrans will reimburse the District at completion of the construction work is estimated at \$67,000.

The total budget for CIP P2453, as approved in the FY 2015 budget, is \$2,250,000. Total expenditures, plus outstanding commitments and forecast, accounting for the previous agreement and the attached agreement, is \$1,113,430. See Attachment B for budget detail.

Based on a review of the financial budget, the Project Manager anticipates that the budget for CIP P2453 is sufficient to support the Project.

Finance has determined that 100% of the funding is available from the Replacement Fund for CIP P2453.

STRATEGIC GOAL:

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the General Manager's Vision, "A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service."

LEGAL IMPACT:

None.

JM/BK:jf

P:\WORKING\CIP P2453 SR-11 Utility Relocations\Staff Reports\BD 10-01-14, Staff Report, SR-11 Utility Agreement No. 33622 with Caltrans.docx

- Attachments: Attachment A - Committee Action
 Attachment B - Budget Detail
 Exhibit A - Location Map
 Exhibit B - Caltrans signed Utility Agreement



ATTACHMENT A

SUBJECT/PROJECT: P2453-003102	Approve Utility Agreement No. 33622 with Caltrans for Routes 11/125/905 Connector Ramps Blow Off Relocation Project
---	---

COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a meeting held on September 15, 2014. The Committee supported Staff's recommendation.

NOTE:

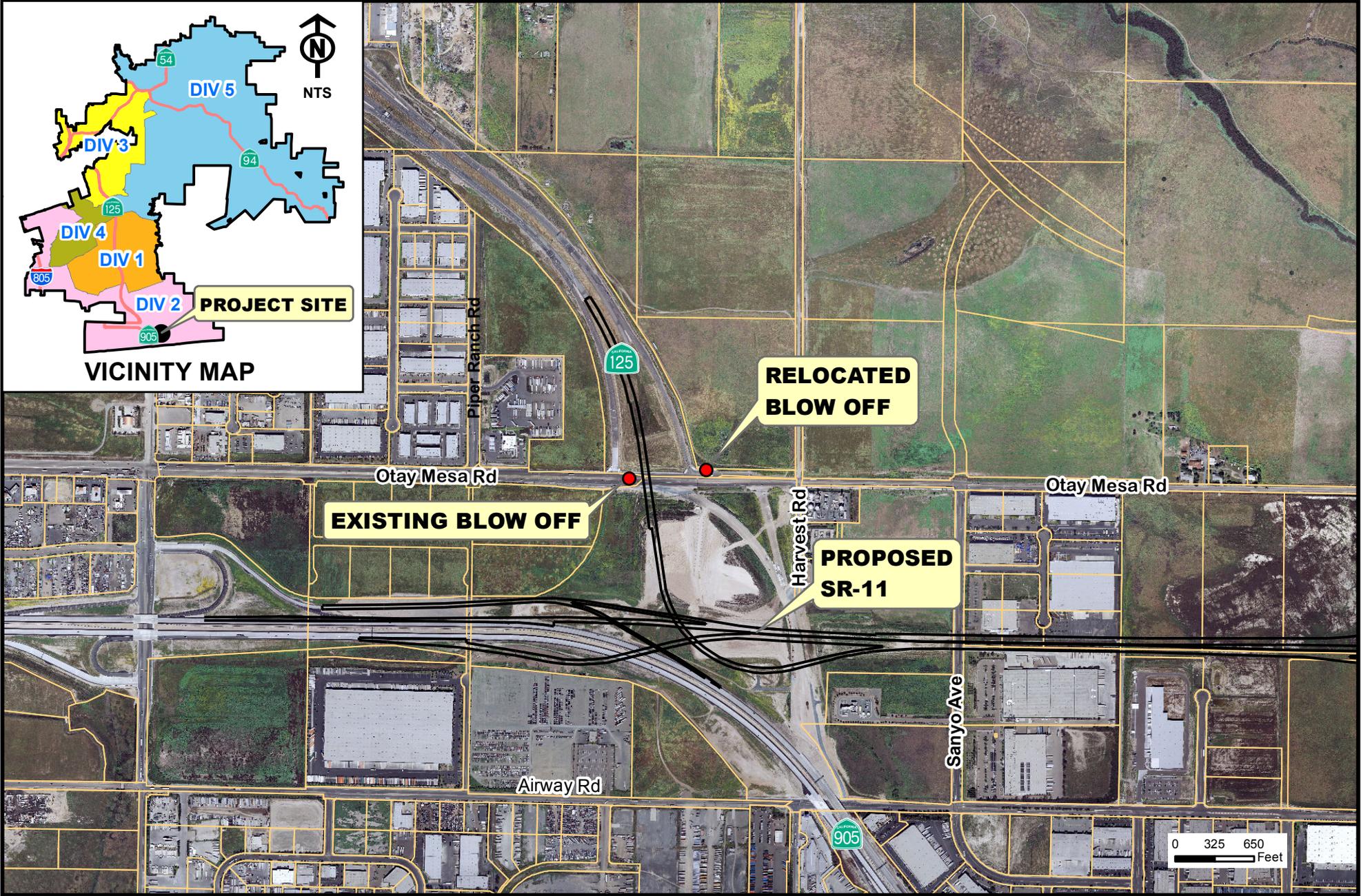
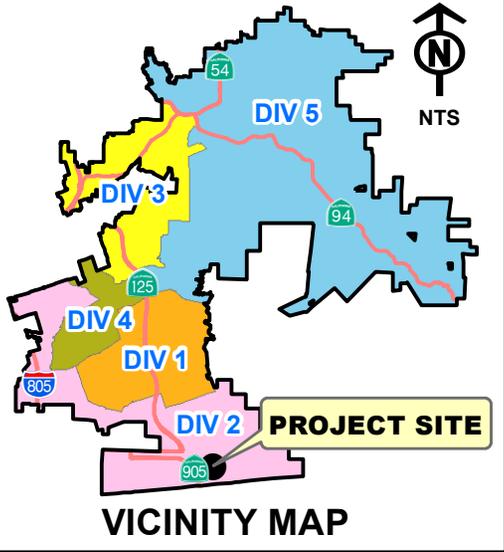
The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



ATTACHMENT B – Budget Detail

SUBJECT/PROJECT: P2453-003102	Approve Utility Agreement No. 33622 with Caltrans for Routes 11/125/905 Connector Ramps Blow Off Relocation Project
---	---

Otay Water District p2453-SR-11 Utility Relocations					Date Updated: 8/21/2014
Budget	Committed	Expenditures	Outstanding Commitment & Forecast	Projected Final Cost	Vendor/Comments
2,250,000					
Planning/Design/Construction - Sequence 1					
Standard Salaries	189,428	154,916	34,512	189,428	STAFF LABOR
Consultant Contracts	80,450	61,864	18,586	80,450	ATKINS
	2,763	2,763	-	2,763	V & A CONSULTING ENGINEERS
	970	970	-	970	ALTA LAND SURVEYING INC
	4,901	4,901	-	4,901	NARASIMHAN CONSULTING SERVICES
	2,561	2,561	-	2,561	CPM PARTNERS INC
	30,000	11,550	18,450	30,000	ALYSON CONSULTING
Professional Legal Fees	121	121	-	121	STUTZ ARTIANO SHINOFF
Service Contracts	1,382	1,382	-	1,382	US BANK
	1,382	1,382	-	1,382	US BANK CORPORATE PAYMENT
	2,985	2,985	-	2,985	MAYER REPROGRAPHICS INC
	84	84	-	84	SAN DIEGO DAILY TRANSCRIPT
Construction Contract	992,380	84,263	908,117	992,380	COFFMAN SPECIALTIES
	49,619	4,435	45,184	49,619	REGENTS BANK
	24,063	-	24,063	24,063	CLOSEOUT
Total - Sequence 1	1,383,089	334,176	1,048,913	1,383,089	
Planning/Design/Construction - 6-inch Blow Off					
Standard Salaries	19,000	9,483	9,517	19,000	STAFF LABOR
Service Contracts	1,500		1,500	1,500	MAYER REPROGRAPHICS INC
	3,500	-	3,500	3,500	ALYSON CONSULTING
Construction Contract	50,000	-	50,000	50,000	CONSTRUCTION COST EST
Total - 6-inch Blow Off	74,000	9,483	64,517	74,000	
Grand Total	1,457,089	343,660	1,113,430	1,457,089	
	Committed	Expenditures	Outstanding Commitment & Forecast	Projected Final Cost	Vendor/Comments
Reimbursement Agreements	(961,521)	-	(961,521)	(961,521)	CALTRANS UTILITY AGREEMENT
	(285,380)	-	(285,380)	(285,380)	FUTURE CALTRANS AMENDMENT
	(74,000)	-	(74,000)	(74,000)	CALTRANS UTILITY AGREEMENT
Grand Total	(1,320,901)	-	(1,320,901)	(1,320,901)	



OTAY WATER DISTRICT

POTABLE 6-INCH BLOW OFF RELOCATION

LOCATION MAP



CIP P2453

Exhibit B

UTILITY AGREEMENT

RW 13-5 (REV 6/2012)

DISTRICT 11	COUNTY SD	ROUTE 11	POST MILE 0.40-0.40	PROJECT ID 1113000167	EA 288811
FEDERAL PARTICIPATION X073 (108)			OWNER'S FILE NUMBER SR 11/125/905 Connector Ramps Blowoff Relocation CIP P2453		
FEDERAL PARTICIPATION On the Project <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No On the Utilities <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					

Owner Payee Data No. VC0000020910 or Form STD 204 is attached

UTILITY AGREEMENT NO. 33622 DATE _____

The State of California acting by and through the Department of Transportation, herein after called "STATE" proposes to construct northbound connectors in San Diego County, in and near San Diego at State Route (SR) -11/125/905 separation, and

NAME: **Otay Water District**
ADDRESS: 2554 Sweetwater Springs Blvd., Spring Valley, CA 91978

hereinafter called "OWNER," owns and maintains a 6-inch potable water blowoff assembly located in the median of Otay Mesa Road within the limits of State's project which requires relocation to accommodate STATE's project.

It is hereby mutually agreed that:

I. WORK TO BE DONE:

In accordance with Notice to Owner No. 33622 dated August 21, 2014, OWNER shall relocate the 6-inch potable water blowoff assembly. All work shall be performed substantially in accordance with OWNER's SR 11/125/905 Connector Ramp Blowoff Relocation CIP P2453 approved August 19, 2014 consisting of seven sheets, a copy of which is on file in the District office of the Department of Transportation at 4050 Taylor Street, MS 310, San Diego, CA, 92110. Deviations from the OWNER's plan described above initiated by either the STATE or the OWNER, shall be agreed upon by both parties hereto under a Revised Notice to Owner. Such Revised Notices to Owner, approved by the STATE and agreed to/acknowledged by the OWNER, will constitute an approved revision of the OWNER's plan described above and are hereby made a part hereof. No work under said deviation shall commence prior to written execution by the OWNER of the Revised Notice to Owner. Changes in the scope of the work will require an amendment to this Agreement in addition to the Revised Notice To Owner.

II. LIABILITY FOR WORK:

The existing facilities are lawfully maintained in their present location and qualify for relocation at STATE expense under the provisions of Section 703 of the Streets and Highways Code.

III. PERFORMANCE OF WORK:

OWNER agrees to perform the herein described work with its own forces or to cause the herein described work to be performed by the OWNER's contractor, employed by written contract on a continuing basis to perform work of this type, and to provide and furnish all necessary labor, materials, tools, and equipment required therefore, and to prosecute said work diligently to completion.

Use of out-of-state personnel (or personnel requiring lodging and meal "per diem" expenses) will not be allowed without prior written authorization by STATE's representative. Requests for such authorization must be contained in OWNER's estimate of actual and necessary relocation costs. Accounting Form FA-1301 is to be completed and submitted for all non-State personnel travel per diem. OWNER shall include an explanation why local employee or contract labor is not considered adequate for the relocation work proposed. Per Diem expenses shall not exceed the per diem expense amounts allowed under the State's Department of Personnel Administration travel expense guidelines.

Pursuant to Public Works Case No. 2001-059 determination by the California Department of Industrial Relations dated October 25, 2002, work performed by OWNER's contractor is a public work under the definition of Labor Code Section 1720(a) and is therefore subject to prevailing wage requirements. OWNER shall verify compliance with this requirement in the administration of its contracts referenced above.

IV. PAYMENT FOR WORK:

The STATE shall pay its share of the actual and necessary cost of the herein described work within 45 days after receipt of three (3) copies of OWNER's itemized bill, signed by a responsible official of OWNER's organization and prepared on OWNER's letterhead, compiled on the basis of the actual and necessary cost and expense. The OWNER shall maintain records of the actual costs incurred and charged or allocated to the project in accordance with recognized accounting principles. The OWNER's billing cost to the STATE is \$74,000.00.

It is understood and agreed that the STATE will not pay for any betterment or increase in capacity of OWNER's facilities in the new location and that OWNER shall give credit to the STATE for the "used life" or accrued depreciation of the replaced facilities and for the salvage value of any material or parts salvaged and retained or sold by OWNER.

Not more frequently than once a month, but at least quarterly, OWNER will prepare and submit progress bills for costs incurred not to exceed OWNER's recorded costs as of the billing date less estimated credits applicable to completed work. Payment of progress bills not to exceed the amount of this Agreement may be made under the terms of this Agreement. Payment of progress bills which exceed the amount of this Agreement may be made after receipt and approval by STATE of documentation supporting the cost increase and after an Amendment to this Agreement has been executed by the parties to this Agreement.

The OWNER shall submit a final bill to the STATE within 360 days after the completion of the work described in Section I above. If the STATE has not received a final bill within 360 days after notification of completion of OWNER's work described in Section I of this Agreement, and STATE has delivered to OWNER fully executed Director's Deeds, Consents to Common Use or Joint Use Agreements, if required for OWNER's facilities, STATE will provide written notification to OWNER of its intent to close its file within 30 days and OWNER hereby acknowledges, to the extent allowed by law, that all remaining costs will be deemed to have been abandoned. If the STATE processes a final bill for payment more than 360 days after notification of completion of OWNER's work, payment of the late bill may be subject to allocation and/or approval by the California Transportation Commission.

The final billing shall be in the form of an itemized statement of the total costs charged to the project, less the credits provided for in this Agreement, and less any amounts covered by progress billings. However, the STATE shall not pay final bills which exceed the estimated cost of this Agreement without documentation of the reason for the increase of said cost from the OWNER and approval of documentation by STATE. Except, if the final bill exceeds the OWNER's estimated costs solely as the result of a Revised Notice to Owner as provided for in Section I, a copy of said Revised Notice to Owner shall suffice as documentation. In either case, payment of the amount over the estimated cost of this Agreement may be subject to allocation and/or approval by the California Transportation Commission.

In any event if the final bill exceeds 125% of the estimated cost of this Agreement, an Amended Agreement shall be executed by the parties to this Agreement prior to the payment of the OWNER'S final bill. Any and all increases in costs that are the direct result of deviations from the work described in Section I of this Agreement shall have the prior concurrence of STATE.

Detailed records from which the billing is compiled shall be retained by the OWNER for a period of three years from the date of the final payment and will be available for audit by State and/or Federal auditors. Owner agrees to comply with Contract Cost Principles and Procedures as set forth in 48 CFR, Chapter 1, Part 31, et seq., 23 CFR, Chapter 1, Part 645 and/or 18 CFR, Chapter 1, Parts 101, 201, et al. If a subsequent State and/or Federal audit determines payments to be unallowable, OWNER agrees to reimburse STATE upon receipt of STATE billing.

V. GENERAL CONDITIONS:

All costs accrued by OWNER as a result of STATE's request of November 5, 2013 to review, study and or prepare relocation plans and estimates for the project associated with this Agreement may be billed pursuant to the terms and conditions of this Agreement.

If STATE's project which precipitated this Agreement is canceled or modified so as to eliminate the necessity of work by OWNER, STATE will notify OWNER in writing and STATE reserves the right to terminate this Agreement by Amendment. The Amendment shall provide mutually acceptable terms and conditions for terminating the Agreement.

All obligations of STATE under the terms of this Agreement are subject to the passage of the annual Budget Act by the State Legislature and the allocation of those funds by the California Transportation Commission.

OWNER shall submit a Notice of Completion to the STATE within 30 days of the completion of the work described herein.

It is understood that said highway is a Federal aid highway and accordingly, 23 CFR, Chapter 1, Part 645 is hereby incorporated into this Agreement.

In addition, the provisions of 23 CFR 635.410, BA, are also incorporated into this agreement. The BA requirements are further specified in Moving Ahead for Progress in the 21st Century (MAP-21), section 1518; 23 CFR 635.410 requires that all manufacturing processes have occurred in the United States for steel and iron products (including the application of coatings) installed on a project receiving funding from the FHWA.

OWNER understands and acknowledges that this project is subject to the requirements of the BA law (23 U.S.C., section 313) and applicable regulations, including 23 CFR 635.410 and FHWA guidance and will demonstrate BA compliance by collecting written certification(s) from the vendor(s) or by collecting written certification(s) from the manufacturer(s) (the mill test report (MTR)).

All documents obtained to demonstrate BA compliance will be held by the OWNER for a period of three (3) years from the date the final payment was received by the OWNER and will be made available to Caltrans or FHWA upon request.

One set of copies of all documents obtained to demonstrate BA compliance will be attached to, and submitted with, the final invoice.

UTILITY AGREEMENT NO. 33622

IN WITNESS WHEREOF, the above parties have executed this Agreement the day and year above written.

STATE: DEPARTMENT OF TRANSPORTATION

OWNER: OTAY WATER DISTRICT

By *Greg Gutierrez* 8/19/14
Name GREG GUTIERREZ, CHIEF Date
Title Utility Relocation/Railroads Branch
Right of Way Division

By _____
Name _____ Date
Title _____

APPROVAL RECOMMENDED:

By *Syndi Sutter* 8-19-14
Name SYNDI SUTTER Date
Title Utility Coordinator
Right of Way Division

By _____
Name _____ Date
Title _____

THIS AGREEMENT SHALL NOT BE EXECUTED BY THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION UNTIL FUNDS ARE CERTIFIED.

DO NOT WRITE BELOW - FOR ACCOUNTING PURPOSES ONLY

PLANNING AND MANAGEMENT TO COMPLETE UNSHADED FIELDS:

UTILITY COMPLETES:

T CODE	DOCUMENT NUMBER	SUP FIX	DIST	UNIT	CHG DIST	PROJECT ID	PHASE	SPECIAL DESIGNATION	FFY	FA	OBJ CODE	DOLLAR AMOUNT
1115	UA033622		11	2839	11	1113000117	9	933622	13		054	74,000.00
	UA											

PROJECT ID FUNDING VERIFIED:
Sign: *Joyce Wiggs* 8-20-14
Print: JOYCE WIGGS Date
R/W Planning and Management

REVIEW/REQUEST FUNDING:
Sign: *Syndi Sutter* 8-19-14
Print: SYNDI SUTTER Date
Utility Coordinator

THE ESTIMATED COST TO STATE FOR ITS SHARE OF THE ABOVE DESCRIBED WORK IS \$74,000.00

CERTIFICATION OF FUNDS				
I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure shown here.				
<u><i>Joyce Wiggs</i></u>				<u>8-20-14</u>
Planning and Management				Date
ITEM	CHAP	STAT	FY	AMOUNT
2660-301-0890-30-20	21	2012	12/13	74,000.00

FUND TYPE	PROJECT ID	AMOUNT
Design Funds		\$
Construction Funds		\$
RW Funds	288819	\$74,000.00

Vendor/Customer: VC00000209 ~~10~~
Address ID: AD0021

Distribution: 2 originals to R/W Accounting
1 original to Utility Owner
1 original to Utility File

AGENDA ITEM 6



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	October 1, 2014
SUBMITTED BY:	Jeff Marchioro Senior Civil Engineer	PROJECT:	R2116- DIV. NO. 3 001101
	Bob Kennedy Engineering Manager		
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Award of a Professional Services Contract for Inspection and Condition Assessment of the Ralph W. Chapman Water Recycling Facility 14-inch Force Main to Pipeline Inspection & Condition Analysis Corporation		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board of Directors (Board) award a professional services contract to Pipeline Inspection & Condition Analysis Corporation (PICA) and authorize the General Manager to execute an agreement with PICA for inspection and condition assessment of the Ralph W. Chapman Water Recycling Facility (RWCWRF) 14-inch Force Main in an amount not-to-exceed \$302,092 (see Exhibit A for Project location).

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

To obtain Board authorization for the General Manager to enter into a professional services contract with PICA for inspection and condition assessment of the RWCWRF 14-inch Force Main in an amount not-to-exceed \$302,092.

ANALYSIS:

The District owns and operates the RWCWRF 14-inch cement mortar lined, coal-tar epoxy coated steel force main. The 1980 era, 3.1 mile long steel force main, which has pressures up to 400 psi, conveys reclaimed water from the RWCWRF to a hydraulic structure (Junction Box) north of the Salt Creek Golf Course. At the Junction Box, the force main transitions to a gravity main and the pipe material transitions from steel to asbestos-cement pipe.

The entire force main traverses an environmentally sensitive area designated as an environmental preserve. The preserve contains an active river (Sweetwater River) which drains to the Sweetwater Reservoir through very rough/steep terrain.

District staff are concerned that RWCWRF chlorine residuals could shorten the force main's life expectancy. District staff recently repaired two (2) leaks in the upper (lower pressure) portions of the steel force main. District staff also completed a traditional above-grade noise based leak detection survey in May 2014 and did not find any leaks.

The District requires the services of a professional consulting firm to provide inspection and condition assessment of the 14-inch force main. In accordance with the Board of Directors Policy Number 21, the District initiated the consultant selection process on July 9, 2014, by placing an advertisement in the San Diego Daily Transcript, and posting the Project on the District's website for Professional Consulting Services. The advertisements attracted Letters of Interest and Statements of Qualifications from four (4) consulting firms. A Pre-Proposal Meeting was held on July 29, 2014. Five (5) people representing four (4) prime consulting firms attended the meeting.

On August 12, 2014, proposals were received from the following three (3) consulting firms:

1. PICA (Miami, FL)
2. Pure Technologies (San Diego, CA)
3. RBF Consulting (San Diego, CA)

The firm that submitted a letter of interest, but did not propose, was Rock Solid Group located in Australia.

After the written proposals were evaluated and ranked by a five-member review panel consisting of District Engineering and Operations staff, it was determined that all three (3) proposals ranked

sufficiently to warrant being invited to make an oral presentation and respond to questions from the panel. After conducting the interviews on August 27, 2014, the panel completed the consultant ranking process and concluded that PICA had the best approach to the Project and provided the best overall value to the District. A summary of the complete evaluation is shown in Exhibit B.

As suggested in the written proposals, and confirmed during the interviews, PICA and their civil engineering sub consultant (Brown & Caldwell), was the only team that could fulfill the entire Request for Proposal (RFP) scope which required civil engineering interpretation/calculations based on remaining wall thickness of the steel pipe. Remaining wall thickness is needed to quantitatively estimate the probability of pipe failure and remaining life expectancy and also recommend improvements with cost estimates and corresponding effect on life expectancy. PICA's inspection tool (SeeSnake®) can also pinpoint the location and size of existing defects to facilitate development of effective action plans for repairs.

Pure Technologies' inspection tool (SmartBall®) can detect active leaks, air pockets, and stress anomalies within about 10 feet accuracy; however, the SmartBall® technology could not provide remaining wall thickness of the steel pipe. Pure Technologies has other tools that can provide remaining wall thickness data, but none would be suitable for the pipe diameter associated with this effort.

RBF's team proposed closed circuit television (CCTV), an option for helium leak detection, and another option for high definition CCTV. Similar to Pure Technologies, RBF's team could not estimate remaining wall thickness of the steel pipe.

PICA submitted the Company Background Questionnaire as required by the RFP and staff did not find any outstanding issues. In addition, staff checked their references and performed an internet search on the company. Staff found the references to be excellent and did not find any outstanding issues with the internet search.

FISCAL IMPACT: Joe Beachem, Chief Financial Officer

The total budget for CIP R2116, as approved in the FY 2015 budget, is \$1,500,000. Total expenditures, plus outstanding commitments and forecast, including this contract, are \$340,210. See Attachment B for budget detail.

Based on a review of the financial budget, the Project Manager anticipates that the budget for CIP R2116 is sufficient to support the Project.

Finance has determined that 100% of the funding is available from the Betterment Fund for CIP R2116.

STRATEGIC GOAL:

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the General Manager's Vision, "A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service."

LEGAL IMPACT:

None.

JM/BK:jf

P:\WORKING\CIP R2116 - 14-Inch FM Assessment and Repair\Staff Reports\BD 10-01-14, Staff Report, 14-inch FM Inspection.docx

Attachments: Attachment A - Committee Action
Attachment B - Budget Detail
Exhibit A - Location Map
Exhibit B - Summary of Proposal Rankings



ATTACHMENT A

SUBJECT/PROJECT: R2116-001101	Award of a Professional Services Contract for Inspection and Condition Assessment of the Ralph W. Chapman Water Recycling Facility 14-inch Force Main to Pipeline Inspection & Condition Analysis Corporation
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COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a meeting held on September 15, 2014. The Committee supported Staff's recommendation.

NOTE:

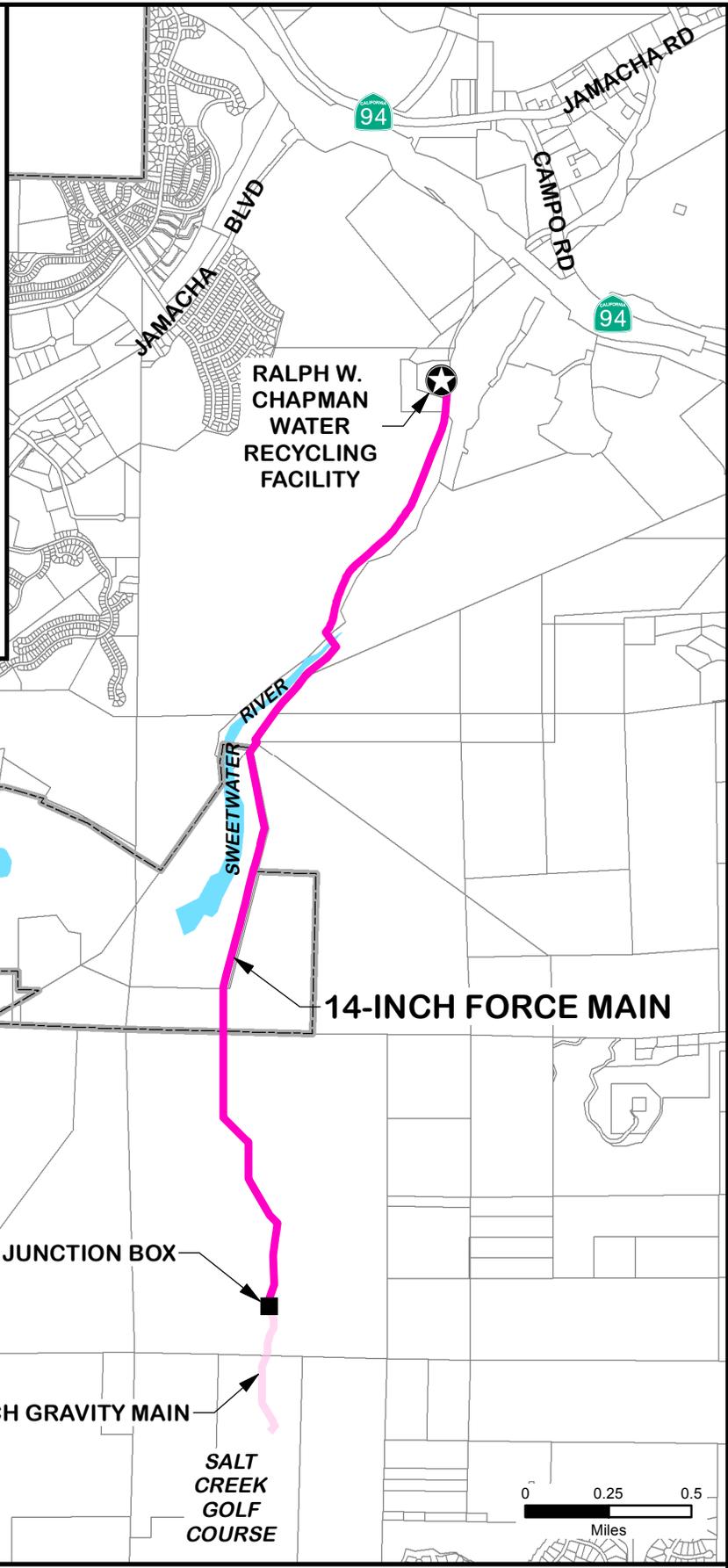
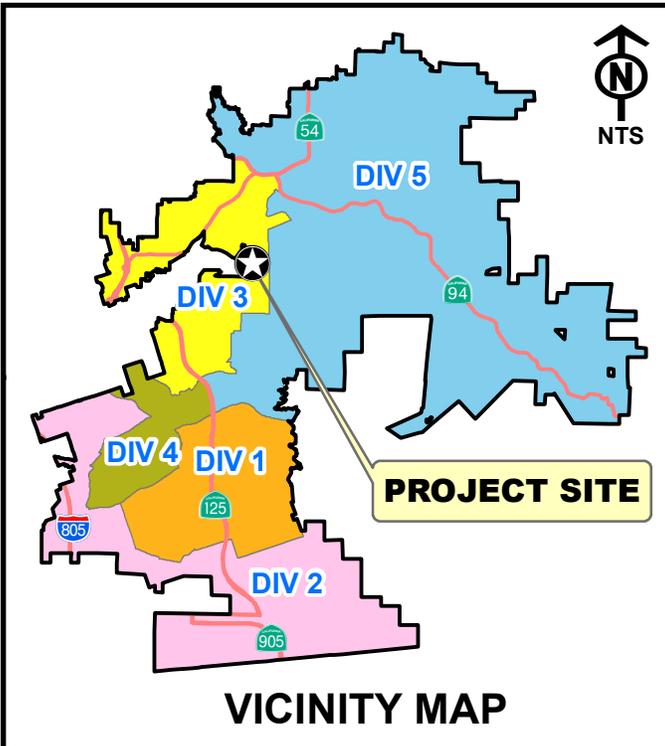
The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



ATTACHMENT B – Budget Detail

SUBJECT/PROJECT: R2116-001101	Award of a Professional Services Contract for Inspection and Condition Assessment of the Ralph W. Chapman Water Recycling Facility 14-inch Force Main to Pipeline Inspection & Condition Analysis Corporation
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Otay Water District					Date Updated: 8/28/2014
r2116-RecPL - 14-Inch, 927 Zone, Forcemain Ass					
<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment & Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor/Comments</i>
1,500,000					
Planning					
Standard Salaries	37,011	7,011	30,000	37,011	
Consultant Contracts	302,092	-	302,092	302,092	PICA
Total Planning	339,103	7,011	332,092	339,103	
Design					
Consultant Contracts	420	420	-	420	HDR ENGINEERING INC
Service Contracts	152	152	-	152	SAN DIEGO DAILY TRANSCRIPT
Standard Salaries	535	535	-	535	
Total Design	1,107	1,107	-	1,107	
Construction					
	-	-	-	-	
Total Construction	-	-	-	-	
Grand Total	340,210	8,118	332,092	340,210	



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**OTAY WATER DISTRICT
INSPECTION AND CONDITION ASSESSMENT
OF THE RWCWRF 14-INCH FORCE MAIN**



**EXHIBIT B
SUMMARY OF PROPOSAL RANKINGS
Inspection and Condition Assessment of the Ralph W. Chapman Water Recycling Facility 14-Inch Force main**

		WRITTEN							ORAL							REFERENCES	
		Qualifications of Team	Responsiveness and Project Understanding	Technical and Management Approach	INDIVIDUAL SUBTOTAL - WRITTEN	AVERAGE SUBTOTAL - WRITTEN	Proposed Fee*	Consultant's Commitment to DBE	TOTAL - WRITTEN	Additional Creativity and Insight	Strength of Project Manager	Presentation and Communication Skills	Responses to Questions	INDIVIDUAL TOTAL - ORAL	AVERAGE TOTAL ORAL	TOTAL SCORE	
MAXIMUM POINTS		30	25	30	85	85	15	Y/N	Y/N	15	15	10	10	50	50	150	Poor/Good/Excellent
PICA	Dan Martin	28	24	27	79	76	1	Y	77	15	14	10	10	49	47	124	Excellent
	Jose Martinez	25	23	27	75					14	14	10	10	48			
	Steve Beppler	28	22	25	75					15	14	9	10	48			
	Howard Almgren	25	22	25	72					13	13	8	8	42			
	Kevin Cameron	27	23	28	78					15	14	9	10	48			
Pure	Dan Martin	27	23	20	70	69	15	Y	84	10	12	6	6	34	33	117	
	Jose Martinez	28	19	25	72					9	12	8	7	36			
	Steve Beppler	25	19	23	67					9	11	7	6	33			
	Howard Almgren	26	18	21	65					8	10	5	5	28			
	Kevin Cameron	27	22	23	72					9	13	7	5	34			
RBF	Dan Martin	26	23	23	72	67	8	Y	75	8	14	7	7	36	32	107	
	Jose Martinez	25	21	22	68					10	13	7	6	36			
	Steve Beppler	23	18	23	64					8	9	6	6	29			
	Howard Almgren	26	18	20	64					7	8	8	5	28			
	Kevin Cameron	26	20	20	66					8	12	7	5	32			

RATES SCORING CHART*			
Firm	PICA	Pure	RBF**
Fee	\$302,092	\$144,492	\$221,703
Score	1	15	8

*Note: Review Panel does not see or consider proposed fee when scoring other categories. The proposed fee is scored by the PM, who is not on Review Panel.

**Average of four price options ranging from \$184,145 to \$259,261 provided in RBF's cost proposal

AGENDA ITEM 7



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	October 1, 2014
SUBMITTED BY:	Lisa Coburn-Boyd Environmental Compliance Specialist	CIP./G.F. NO:	P2451- 001102
	Bob Kennedy Engineering Manager	DIV. NO.	ALL
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief, Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Amendment No. 2 to the Contract with AECOM Technical Services, Inc. for the Otay Mesa Desalination Conveyance and Disinfection System Project		

GENERAL MANAGER'S RECOMMENDATION:

That the Otay Water District (District) Board approve Amendment No. 2 to the existing contract with AECOM Technical Services, Inc. (AECOM) for design of the Otay Mesa Desalination Conveyance and Disinfection System Project decreasing the contract by \$364,774 resulting in a lower contract amount with AECOM of an amount not-to-exceed \$3,681,932 (see Exhibit A for Project location).

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

To obtain Board authorization for the General Manager to execute Amendment No. 2 with AECOM (see Exhibit B) for the Otay Mesa Desalination Conveyance and Disinfection System Project (Project) decreasing the contract by \$364,774.

ANALYSIS:

At the November 3, 2010 Board Meeting, AECOM was awarded a professional engineering services contract for the Otay Mesa Desalination Conveyance and Disinfection System Project. The contract amount approved by the Board was an amount not-to-exceed \$3,910,297 to be completed by the end of Fiscal Year 2016. The District restricted AECOM's work to miscellaneous studies until January 24, 2013 when AECOM was authorized to initiate work on the preliminary design of a large diameter pipeline 3.5 miles long, a pump station, and a disinfection facility, along with the environmental surveys and studies for CEQA/NEPA compliance. In April 2014, the Board approved an amendment to the original contract for additional environmental surveys and project management. The new contract amount, after approval of the amendment, is \$4,046,706 and the completion date of the Project was extended to June 30, 2018.

The environmental work for the Project has been ongoing since January 2013 and has included coordination with the State Department for the Presidential Permit (PP) application that was submitted to the State Department in November 2013. Due to the need for a PP, the State Department assumes the role of lead agency for the NEPA component of the Project's CEQA/NEPA environmental analysis. The State Department must comply with the regulations of the Council for Environmental Quality which has very specific Conflict of Interest guidelines. These guidelines state that there can't be any suggestion of financial interest in the construction of the project by the firm that is completing the project's environmental work. The original contract with AECOM includes construction services support for the Project and the State Department sees this as a potential conflict of interest. Therefore, this amendment of the original contract will remove the construction services component, resulting in a decrease of the contract amount by \$364,774. There will not be a change in the contract completion date for the Project, which remains at June 30, 2018.

Since the construction services support will not be able to be provided by AECOM, the District will add these services to the scope of work for the Construction Management of the project.

FISCAL IMPACT: Joe Beachem, Chief Financial Officer

The total budget for CIP P2451, as approved in the FY 2015 budget, is \$30,000,000. Total expenditures, plus outstanding

commitments and forecast, including this contract, are \$6,066,535.61. See Attachment B for budget detail.

Based on a review of the financial budget, the Project Manager anticipates that the budget is sufficient to support this Project.

Finance has determined that 40% of the funding is available from the Expansion Fund and 60% of the funding will be available from the Betterment Fund for CIP P2451.

STRATEGIC GOAL:

This Project supports the District's Mission statement, "To provide high value water and wastewater services to the customers of the Otay Water District in a professional, effective, and efficient manner" and the General Manager's Vision, "A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service."

LEGAL IMPACT:

None

LCB/BK/RP:jf

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Attachments: Attachment A - Committee Action
Attachment B - Budget Detail
Exhibit A - Location Map
Exhibit B - Contract Amendment No. 2



ATTACHMENT A

SUBJECT/PROJECT: P2451-001102	Amendment No. 2 to the Contract with AECOM Technical Services, Inc. for the Otay Mesa Desalination Conveyance and Disinfection System Project
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COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a meeting held on September 15, 2014. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



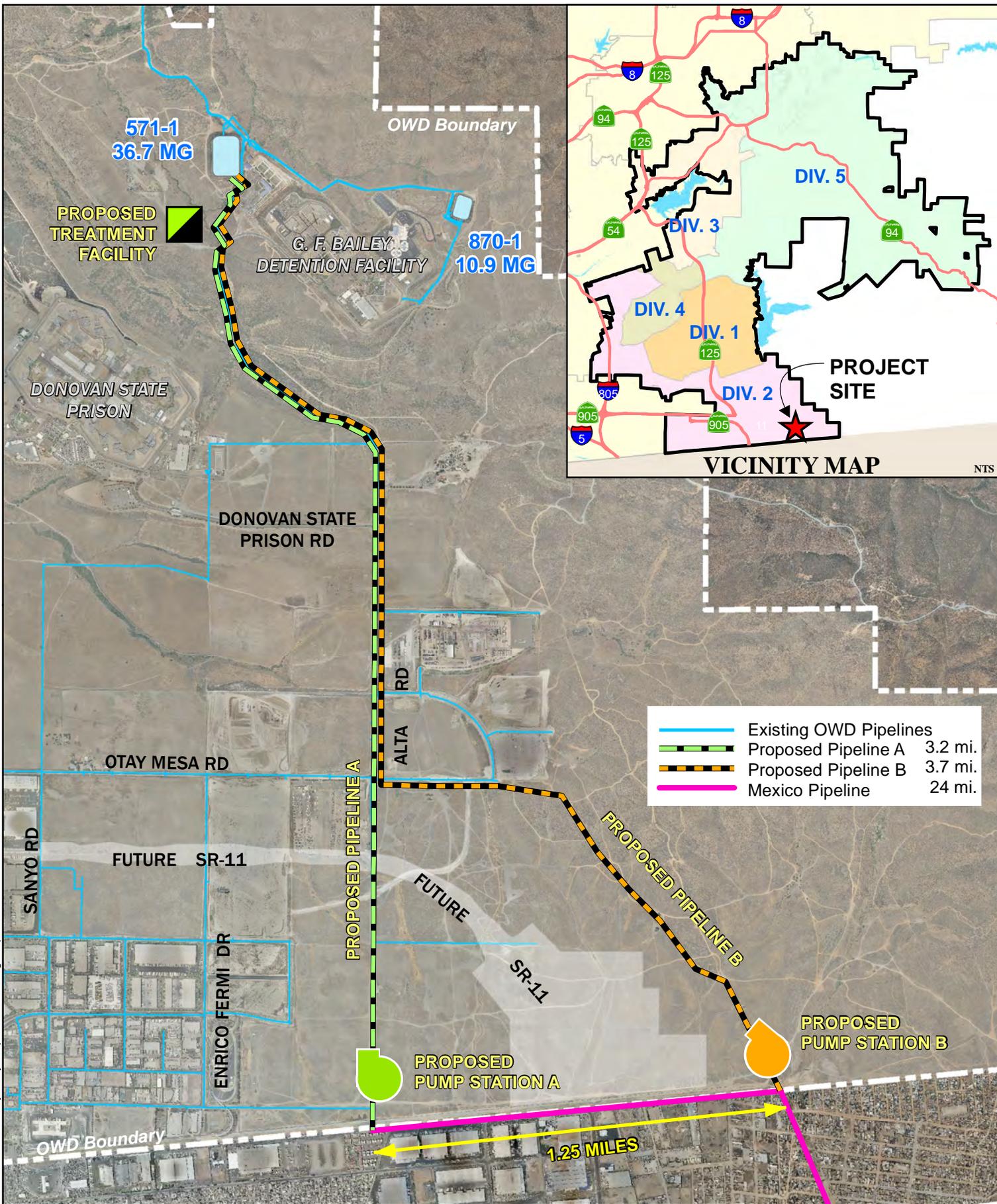
ATTACHMENT B – Budget Detail

SUBJECT/PROJECT:	Amendment No. 2 to the Contract with AECOM Technical Services, Inc. for the Otay Mesa Desalination Conveyance and Disinfection System Project
P2451-001102	

Level	Title1	Committed	Expenditures	Outstanding Commitment	Projected Final Cost	Vendor	
Planning	Consultant Contracts	\$98,577.34	\$98,577.34		\$98,577.34	CAMP DRESSER & MCKEE INC	
		\$13,311.19	\$13,311.19		\$13,311.19	CPM PARTNERS INC	
		\$71,529.59	\$71,529.59		\$71,529.59	MARSTON+MARSTON INC	
		\$437,200.00	\$371,200.00	\$66,000.00	\$437,200.00	HECTOR I MARES-COSSIO	
		\$26,700.00	\$26,700.00		\$26,700.00	REA & PARKER RESEARCH	
		\$4,172.90	\$4,172.90		\$4,172.90	SALVADOR LOPEZ-CORDOVA	
		\$267,066.00	\$160,355.05	\$106,710.95	\$267,066.00	SILVA SILVA INTERNATIONAL	
	Travel	\$20,046.35	\$20,046.35		\$20,046.35	STAFF	
	Printing	\$60.59	\$60.59		\$60.59	MAIL MANAGEMENT GROUP INC	
	Legal Fees	\$162,041.07	\$162,041.07		\$162,041.07	GARCIA CALDERON & RUIZ LLP	
		\$43,174.50	\$43,174.50		\$43,174.50	SOLORZANO CARVAJAL GONZALEZ Y	
		\$16,609.76	\$16,609.76		\$16,609.76	STUTZ ARTIANO SHINOFF	
	Service Contracts	\$500.00	\$500.00		\$500.00	REBECA SOTURA NICKERSON	
		\$105.50	\$105.50		\$105.50	SAN DIEGO DAILY TRANSCRIPT	
		\$17,500.00	\$17,500.00		\$17,500.00	BUSTAMANTE & ASSOCIATES LLC	
		\$32,340.00	\$32,340.00		\$32,340.00	BROWNSTEIN HYATT FARBER	
	Standard Salaries	\$909,497.19	\$909,497.19		\$909,497.19		
	Total	\$2,120,431.98	\$1,947,721.03	\$172,710.95	\$2,120,431.98		
	Design	Consultant Contracts	\$5,108.75	\$5,108.75		\$5,108.75	MARSTON+MARSTON INC
			\$120,520.00	\$22,320.00	\$98,200.00	\$120,520.00	MICHAEL R WELCH PHD PE
\$8,818.00			\$8,818.00		\$8,818.00	CPM PARTNERS INC	
\$5,000.00			\$5,000.00		\$5,000.00	ATKINS	
\$3,681,932.00		\$862,634.03	\$2,819,297.97	\$3,681,932.00	AECOM TECHNICAL SERVICES INC		
Legal Fees		\$7,761.19	\$7,761.19		\$7,761.19	STUTZ ARTIANO SHINOFF	
Travel		\$3,174.39	\$3,174.39		\$3,174.39	STAFF	
Service Contracts		\$342.80	\$342.80		\$342.80	SAN DIEGO UNION-TRIBUNE LLC	
\$114.08		\$114.08		\$114.08	REPROHAUS CORP		
Standard Salaries		\$113,002.94	\$113,002.94		\$113,002.94		
Total	\$3,945,774.15	\$1,028,276.18	\$2,917,497.97	\$3,945,774.15			
Construction	Standard Salaries	\$329.48	\$329.48		\$329.48		
	Total	\$329.48	\$329.48		\$329.48		
Budget	\$30,000,000.00						
Total		\$6,066,535.61	\$2,976,326.69	\$3,090,208.92	\$6,066,535.61		

March 23, 2005 through August 30, 2014

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	Existing OWD Pipelines	
	Proposed Pipeline A	3.2 mi.
	Proposed Pipeline B	3.7 mi.
	Mexico Pipeline	24 mi.



OTAY WATER DISTRICT
 Otay Mesa Conveyance and
 Disinfection Facility Project
EXHIBIT A

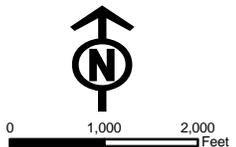


EXHIBIT B

SECOND AMENDMENT TO AGREEMENT
BETWEEN OTAY WATER DISTRICT AND
AECOM TECHNICAL SERVICES, INC. RELATIVE TO
THE PROFESSIONAL ENGINEERING SERVICES FOR
THE OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM

This Second Amendment ("Amendment") to the original Agreement for Professional Engineering Services is made and entered into as of the ____ day of _____, 2014, by and between the OTAY WATER DISTRICT ("District"), and AECOM TECHNICAL SERVICES, INC. ("Consultant").

RECITALS

A. District and Consultant entered into that certain Professional Services Agreement dated January 3, 2011 (the "Original Agreement"), under which Consultant agreed to provide the services therein described in connection with the District's Otay Mesa Conveyance and Disinfection System (the "Services"). The Original Agreement was amended on June 16, 2014 (the "Amended Original Agreement").

B. The Amended Original Agreement is due to expire on June 30, 2018 and the Services are 21% complete.

C. District and Consultant desire to enter into this Agreement to amend certain specific terms and conditions of the Amended Original Agreement as indicated below.

NOW, THEREFORE, in consideration of the foregoing and the mutual promises and covenants hereinafter contained, the parties agree as follows:

1. Exhibit A to the Amended Original Agreement, setting forth the Services to be provided by Consultant, is hereby amended and supplemented by the attached Exhibit A, Revised and Supplemented Scope of Work, attached to this Second Amendment and incorporated herein by reference. This revision deletes Task 20, Construction Phase Services.

2. The parties agree that the aggregate amount paid by the District to the Consultant for the Professional Engineering Design Services rendered by Consultant in excess of the original Agreement shall be decreased by an amount not to exceed Three Hundred Sixty Four Thousand Seven Hundred Seventy Four Dollars (\$364,774). Therefore, the total compensation paid by the District for Services described in the amended original contract and this second amendment shall not exceed Three Million Six Hundred Eighty One Thousand Nine Hundred Thirty Two Dollars (\$3,681,932).

3. The parties agree that all terms and conditions of the Amended Original Agreement not modified or amended by this Second Amendment, including without limitation all indemnity and insurance requirements, are and shall remain in full force and effect.

4. This Second Amendment is subject to the venue, choice of law and interpretation provisions of the Original Agreement.

IN WITNESS WHEREOF, the parties have caused this Second Amendment to be executed as of the day and year first above written.

<p>OTAY WATER DISTRICT</p> <p>By: _____ Mark Watton Its: General Manager Date: _____</p>	<p>CONSULTANT:</p> <p>AECOM TECHNICAL SERVICES, INC.</p> <p>By: _____ Name: _____ Its: _____ Date: _____</p>
<p>Approved as to form:</p> <p>By: _____ General Counsel</p>	<p>Approved as to form:</p> <p>By: _____ Its: _____</p>

Exhibit A

REVISED AND SUPPLEMENTED SCOPE OF WORK							
Task No.	Description	Labor	Subconsultant	Other Direct Costs	Fee	Previous Fee	Difference
20	Construction Phase Services	\$0.00	\$0.00	\$0.00	\$0.00	\$364,774.00	(\$364,774.00)
*	Tasks 1-19, 21-22				\$3,681,932.00	Total	(\$364,774.00)
				Total	\$3,681,932.00		

* Tasks 1-6, 8-19 and 22 are not modified or amended by the Second Amendment. The Consultant's fee for these tasks are provided for reference.



AGENDA ITEM 8

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	October 1, 2014
		PROJECT:	Various DIV.NO. ALL
SUBMITTED BY:	Geoffrey Stevens, Chief Information Officer		
APPROVED BY:	<input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	FISCAL YEAR 2012 - 2014 YEAR-END STRATEGIC PLAN AND PERFORMANCE MEASURES REPORT		

GENERAL MANAGER'S RECOMMENDATION:

No recommendation. This is an informational item only.

COMMITTEE ACTION:

See "Attachment A".

PURPOSE:

To provide a final report on the District's Strategic Performance Plan for FY 2012-2014.

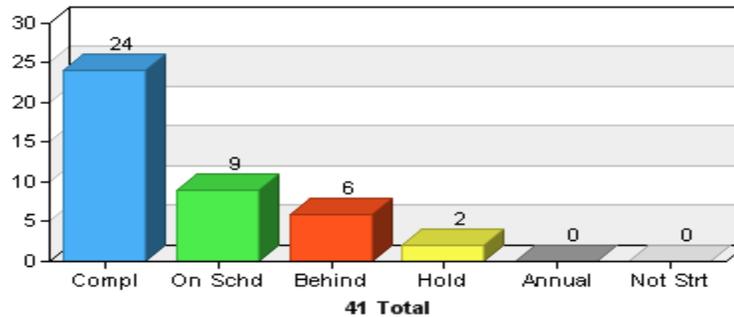
ANALYSIS:

The District has completed the FY 2012-2014 Strategic Plan. Results for Performance Measures are mixed, but overall positive. For example, Strategic Objectives, with 85% complete or on schedule are slightly below the target of 90%, however, staff significantly exceeded the combined target for Performance Measures with 88% on target versus the 75% goal. In addition, 14 of 16 benchmarked items were on or above target.

Strategic Plan Objectives

Strategic Plan Objectives are designed to ensure that the District is making the appropriate high-level changes necessary to move the agency in the planned direction to meet new challenges and harness opportunities. Objective results for FY 2014 were slightly below target at 85% complete, ahead or on schedule. These results are marginally lower than the previous year.

33/39 or 85% of Strategic Objectives Meet or Exceed Expectations



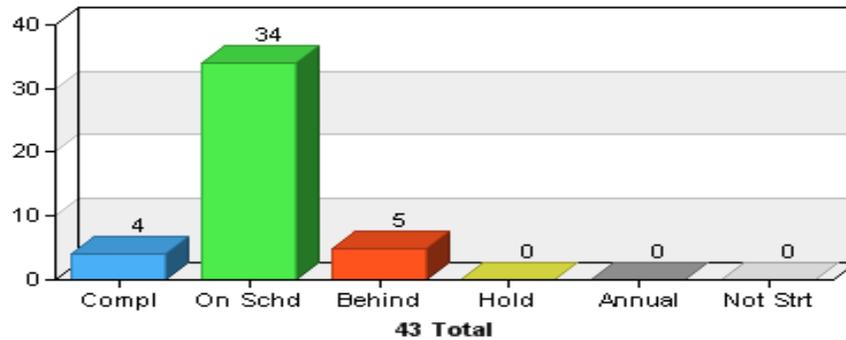
Strategic Objectives Not On Schedule:

- 1.1.1.1 CAREY, A Enhance communications with customers using our new phone system
- 3.1.2.16 STALKER, G Replace SCADA software system
- 3.1.2.25 STALKER, G Implement wireless radio and data network for field operations
- 4.1.1.4 WILLIAMSON, K Negotiate a successor Memorandum of Understanding for represented employees for 2014 and beyond, and related compensations and benefits for unrepresented employees
- 3.1.1.8 KENNEDY, R Update Water Facilities Master Plan
- 3.1.1.2 KENNEDY, R Update the 2007 Integrated Water Resources Plan (IRP) to acquire and/or additional potable and recycled water supplies and enhanced resource reliability

Performance Measures

Performance measures are designed to track the day-to-day performance of the District. These items measure the effectiveness and efficiency of daily operations. The overall goal is that at least 75% of these measures be rated "on target". Results for the fourth quarter Performance Measures are well above target with 38 of 43 (88%) items achieving the desired level or better.

38/43 or 88% of Performance Measures Are On or Above Target



Items Not On target

1.4.104	RAMIREZ,O	Health & Safety Severity Rate (QualServe)
2.2.200	MARTIN,D	CIP Project Expenditures vs. Budget
2.3.203	MARTIN,D	Project Closeout Time
5.1.500	VACLAVEK,J	Unplanned Disruptions (QualServe)
5.2.503	HOLLY,R	Planned Recycled Water Maintenance Ratio in \$

QualServe Benchmarking Perspective

The District participates in a benchmarking program sponsored by AWWA. We utilize 16 measures designed by QualServe. The District is on target for 14 of 16 measures or 88%. The two items not on target are Health & Safety Severity Rate and Unplanned Disruptions.

Category	Measure	Target	Result	Target Met
Sewer Ops	Collection System Integrity (QualServe)	3.5	0	Yes
Sewer Ops	Direct Cost of Treatment per MGD (QualServe)	1050	833.87	Yes
Sewer Ops	O&M Cost per MG Processed of Wastewater (QualServe)	1925	1383.03	Yes
Sewer Ops	Sewer Overflow Rate (QualServe)	0	0	Yes
Sewer Ops	Planned Wastewater Maintenance Ratio in \$ (QualServe)	77.00	84.71	Yes
Customer Relations	Unplanned Disruptions (QualServe)	.7	1.57	No
Customer Relations	Technical Quality Complaint (QualServe)	9	5.19	Yes
Customer Relations	Billing Accuracy (QualServe)	99.8	99.99	Yes
Customer Relations	Planned Water Service Disruption Rate (QualServe)	2.5	2.4	Yes
Water Ops	Distribution System Loss (QualServe)	5%	4.5	Yes
Water Ops	Potable Water Compliance Rate (QualServe)	100%	100	Yes
Water Ops	O&M Cost per Account (QualServe)	512	482	Yes
Water Ops	Water Distribution System Integrity (QualServe)	4	15.82	Yes
Water Ops	Planned Potable Water Maintenance Ratio in \$ (QualServe)	66%	70.2	Yes
Business Ops	Debt Coverage Ratio (QualServe)	148.6	1.97	Yes
Org Dev	Health & Safety Severity Rate (QualServe)	30	36.63	No



ATTACHMENT A

SUBJECT/PROJECT:	FISCAL YEAR 2012 - 2014 YEAR-END STRATEGIC PLAN AND PERFORMANCE MEASURES REPORT
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COMMITTEE ACTION:

The Finance, Administration and Communications Committee and the Engineering and Operations Committee met in September 2014 and reviewed this item. Based upon this discussion the Committees recommend that the Board receive the attached information.

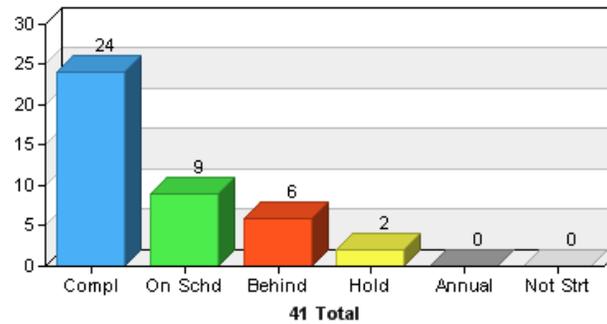
NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for board approval. This report will be sent to the Board as a committee approved item, or modified to reflect any discussion or changes as directed from the committee prior to presentation to the full Board.

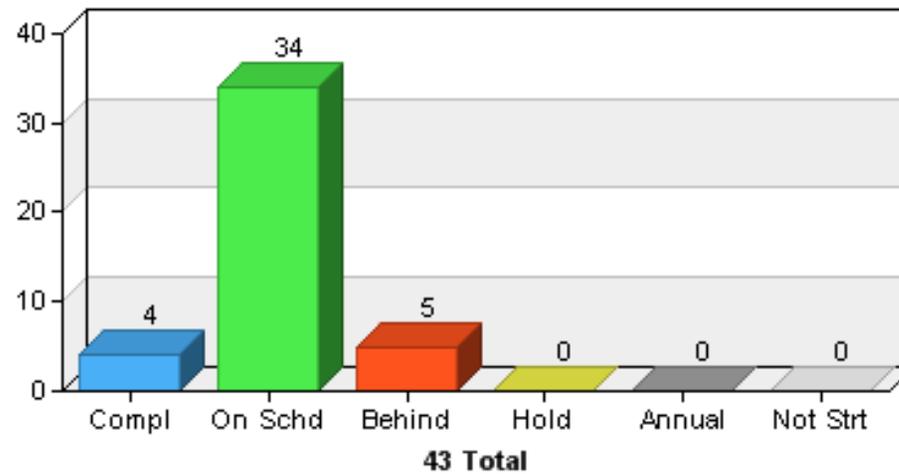
Strategic Plan FY 2014 Year-End Report

(Final Year of FY 2012 – 2014 Strategic Plan)

33/39 (85%) Objectives On Target



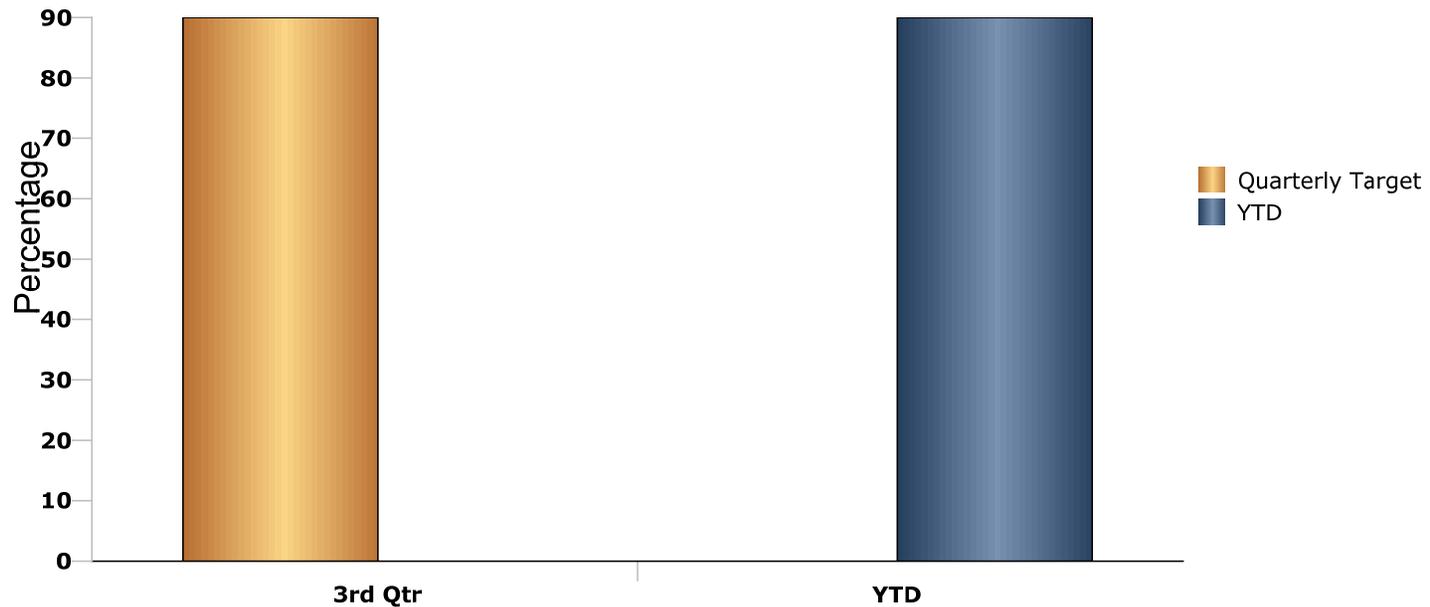
38/43 (88%) Measures On Target



Detailed Presentation of Performance Measures

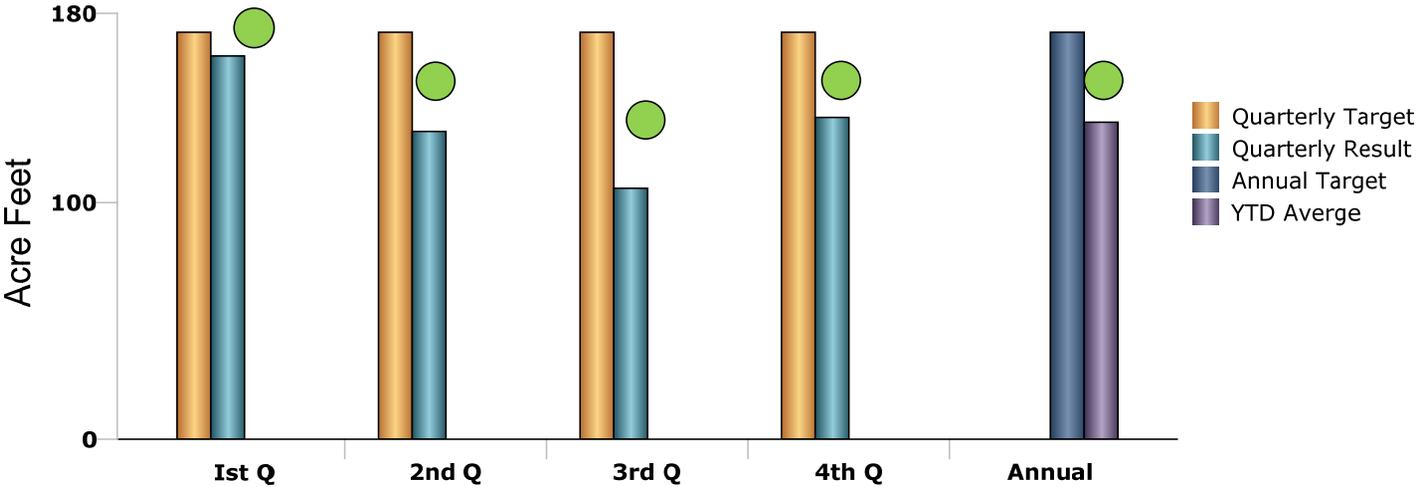


Customer Satisfaction (Measured Once Per Year) 1.1.100 - Planned for Dec 2014



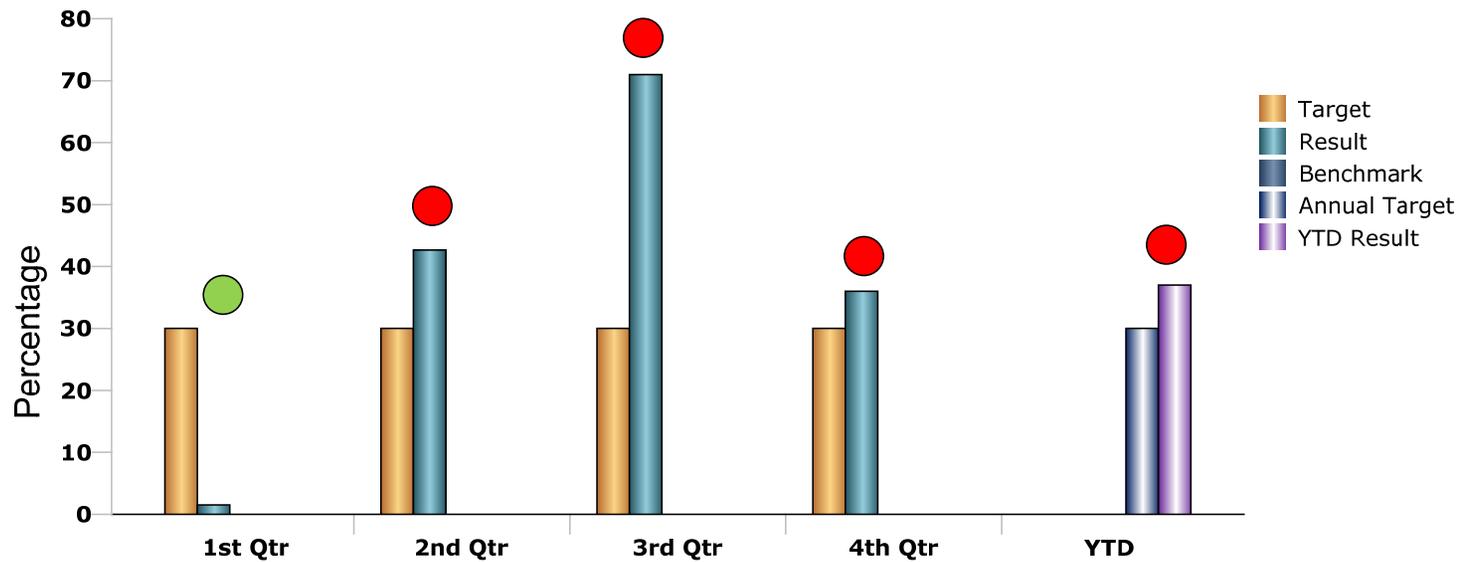
Measure 1.1.100, Customer Satisfaction, annual survey that is reported in the third quarter and represents the results for the given fiscal year.

Gallons Per Capita Per Day 1.3.103



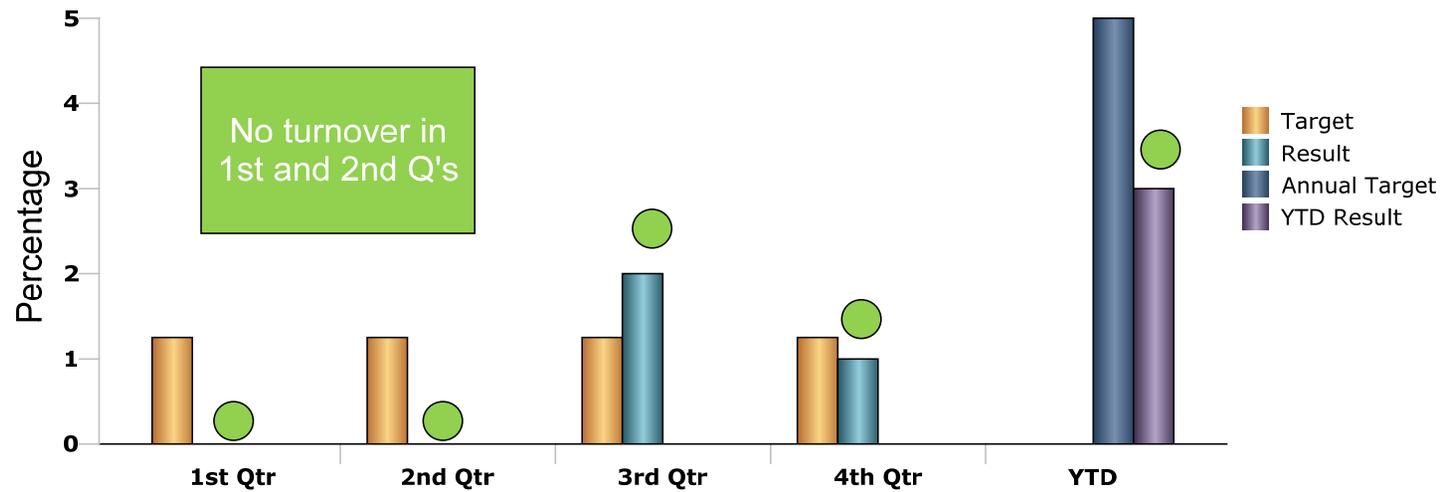
Measure 1.3.103, Otay Water Use, aims to be below 172 Gallons Per Day

Health & Safety Severity Rate (Qualserve) 1.4.104



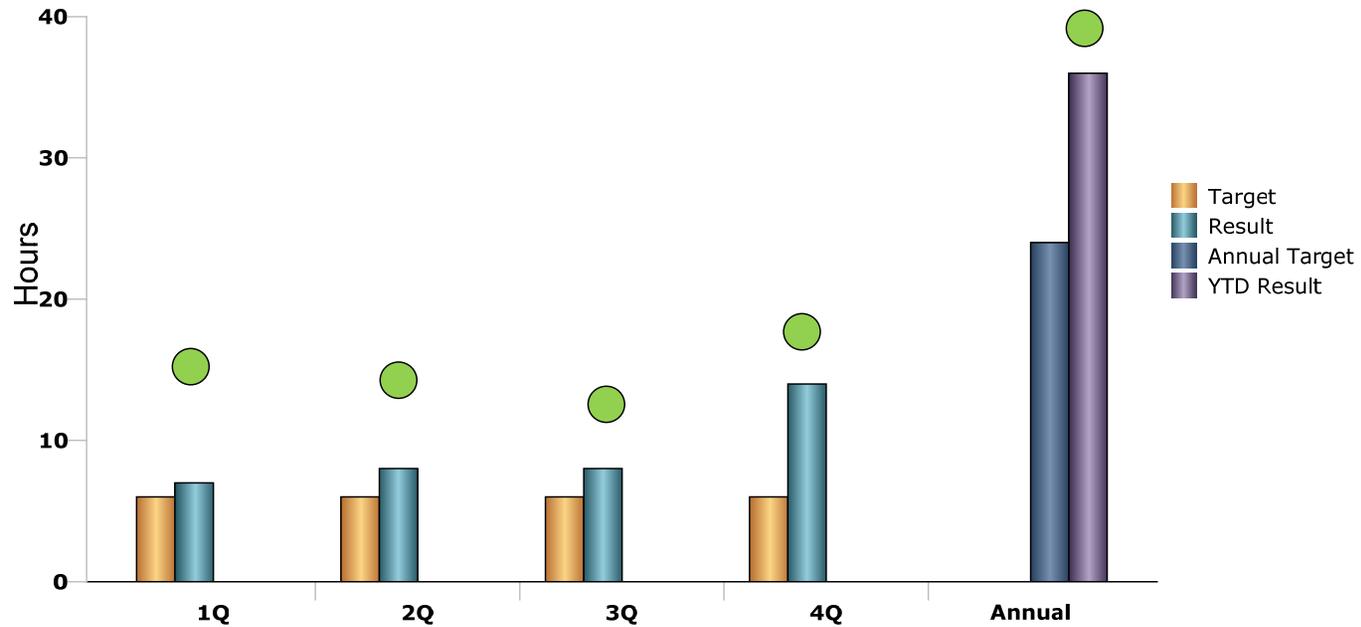
Measure 1.4.104, Health & Safety Severity Rate, aims to be below all set targets in order to have no more than 30% severity rate per year.

Employee Turnover Rate 1.4.105



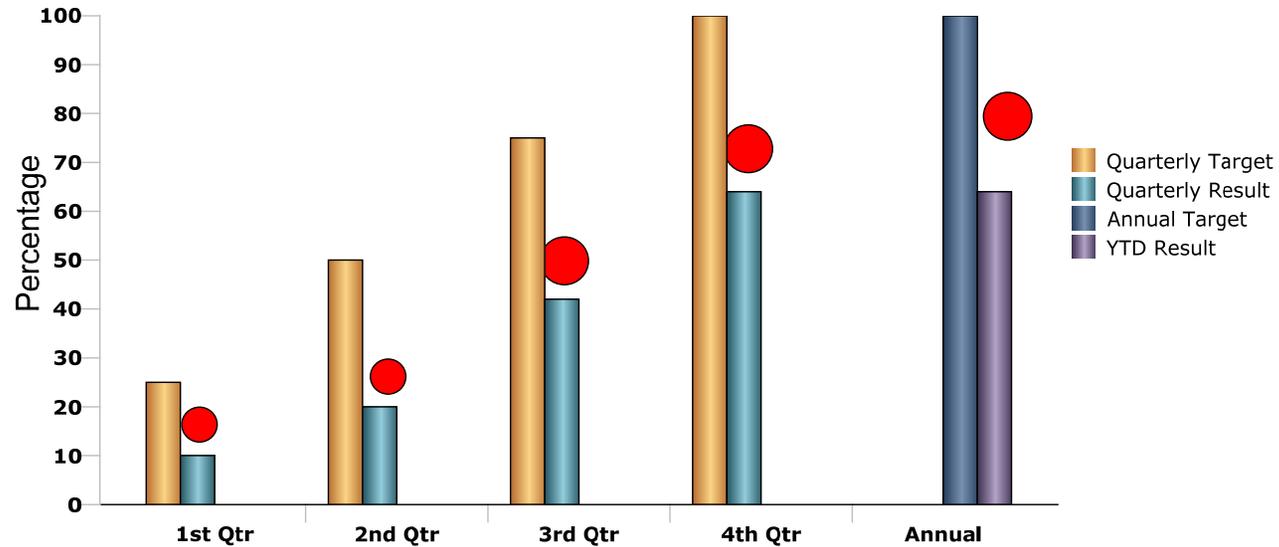
Measure 1.4.105, Turnover Rate, aims to be below all set targets in order to have less than 5% turnover in a single year.

Safety Training Hours Per Employee 1.4.106



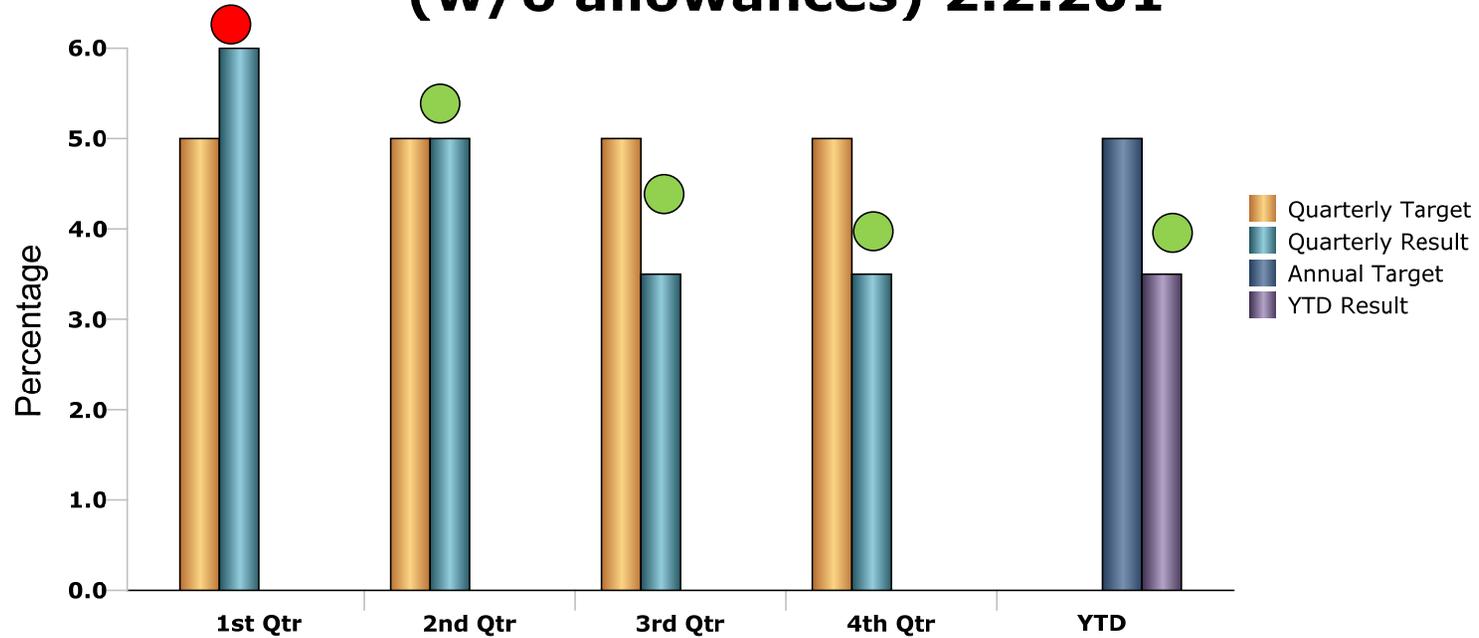
Measure 1.4.106, Training Hours per Employee, aims to be above all set targets in order to have more than 24 hours of training per employee in a single year.

CIP Project Expenditure vs. Budget 2.2.200



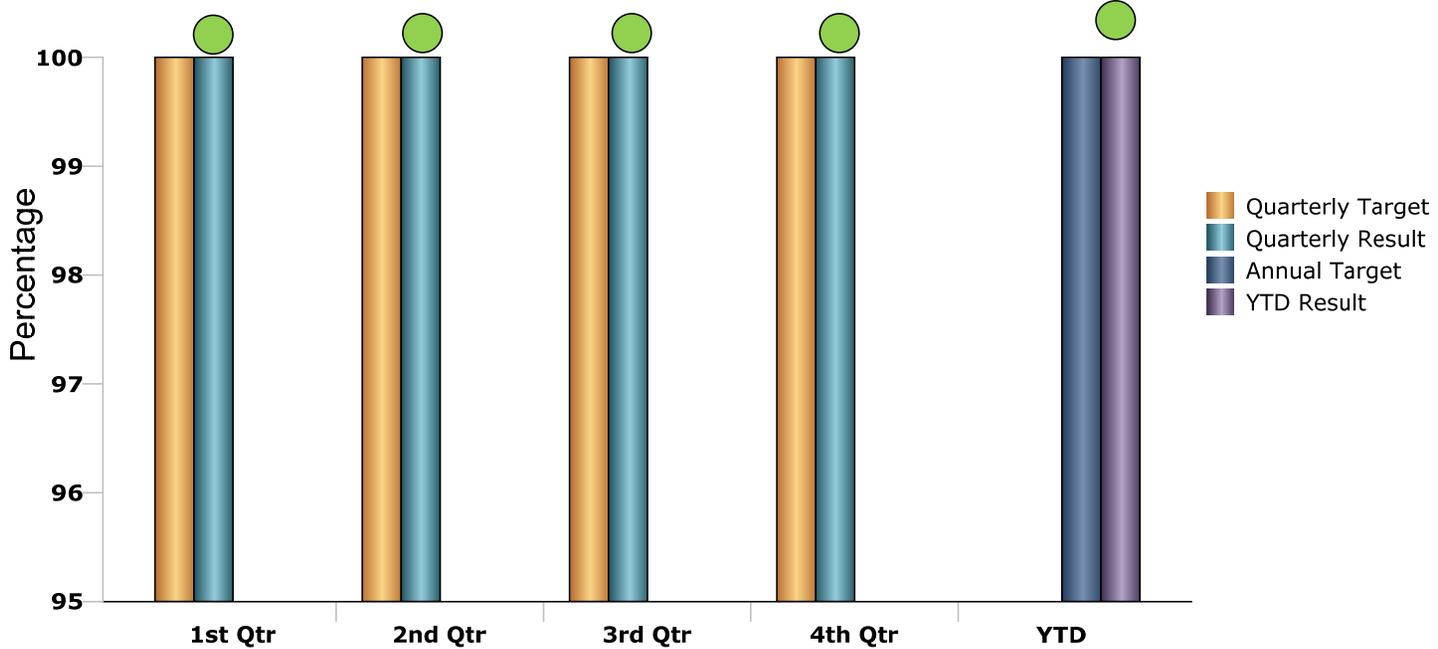
Measure 2.2.200, Annual result aims to be between 95-100% of budget but is not to exceed 100%. Being significantly below target also gives the measure a “not on target” status.

Construction Change Order Incidence (w/o allowances) 2.2.201



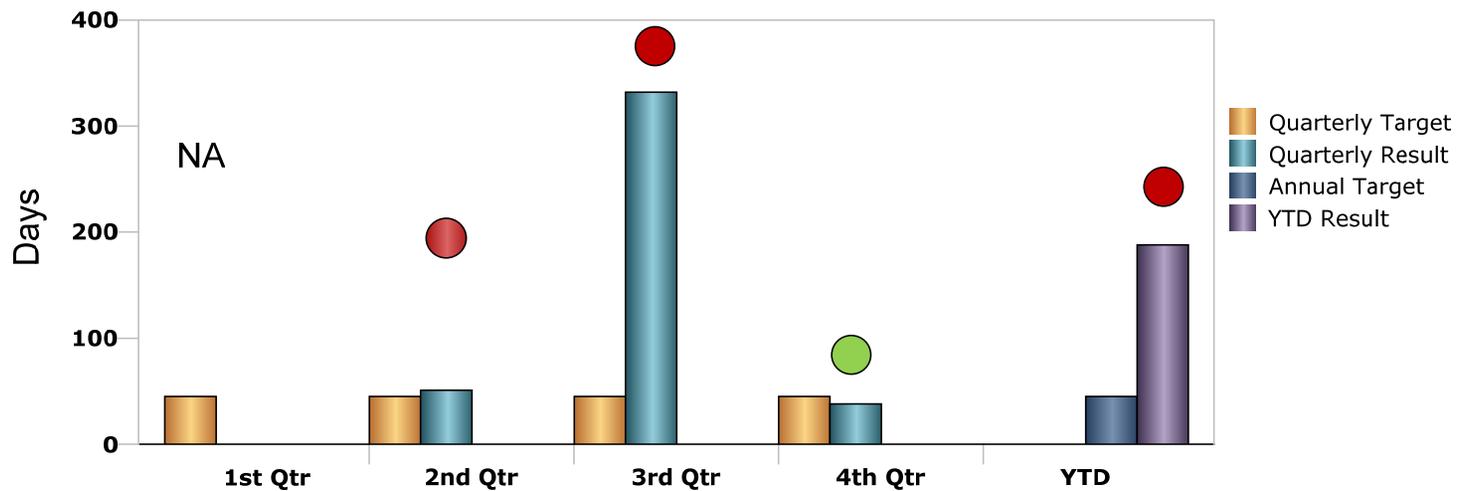
Measure 2.2.201, Construction Change Order Incidence, aims to be below all set targets in order to have no more than 5 % in one year.

Mark Out Accuracy 2.3.202



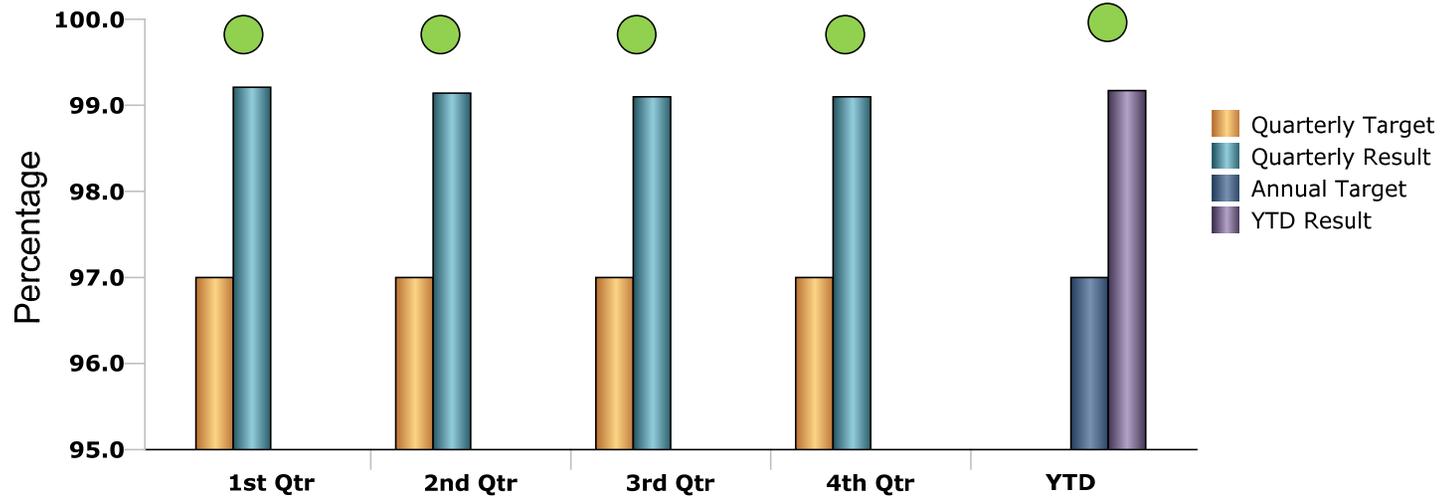
Measure 2.3.202, Mark Out Accuracy, aims to have no less than 100% mark out accuracy in a year.

Project Closeout Time 2.3.203



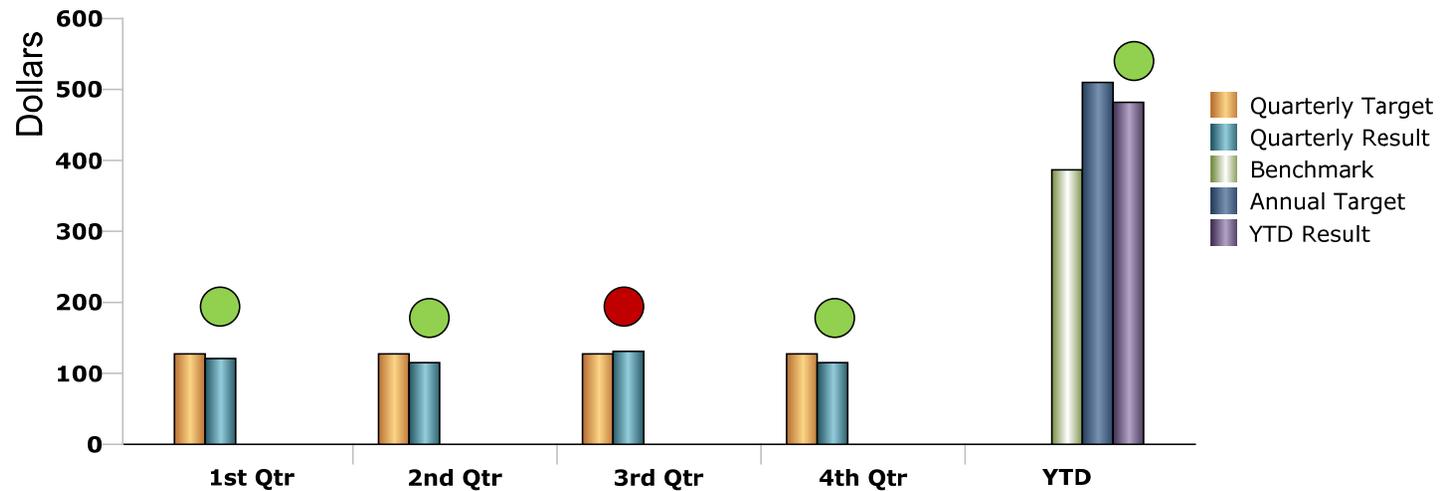
Measure 2.3.203, Project Closeout Time, aims to be below all set targets in order to have an average closeout time of no more than 45 days in a single year. Note: No projects closed out in the 1st quarter 2013.

Answer Rate 3.1.300



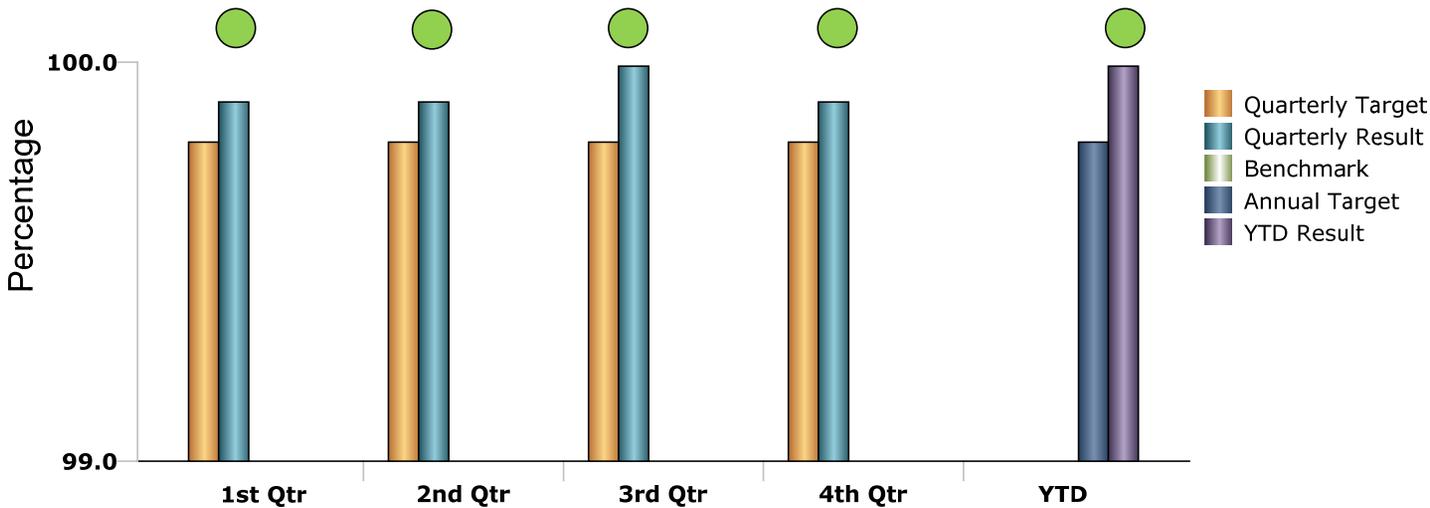
Measure 3.1.300 Answer Rate aims to be above all set targets in order to have an average answer rate no less than 97%

O&M Cost Per Account (Qualserve) 3.2.301



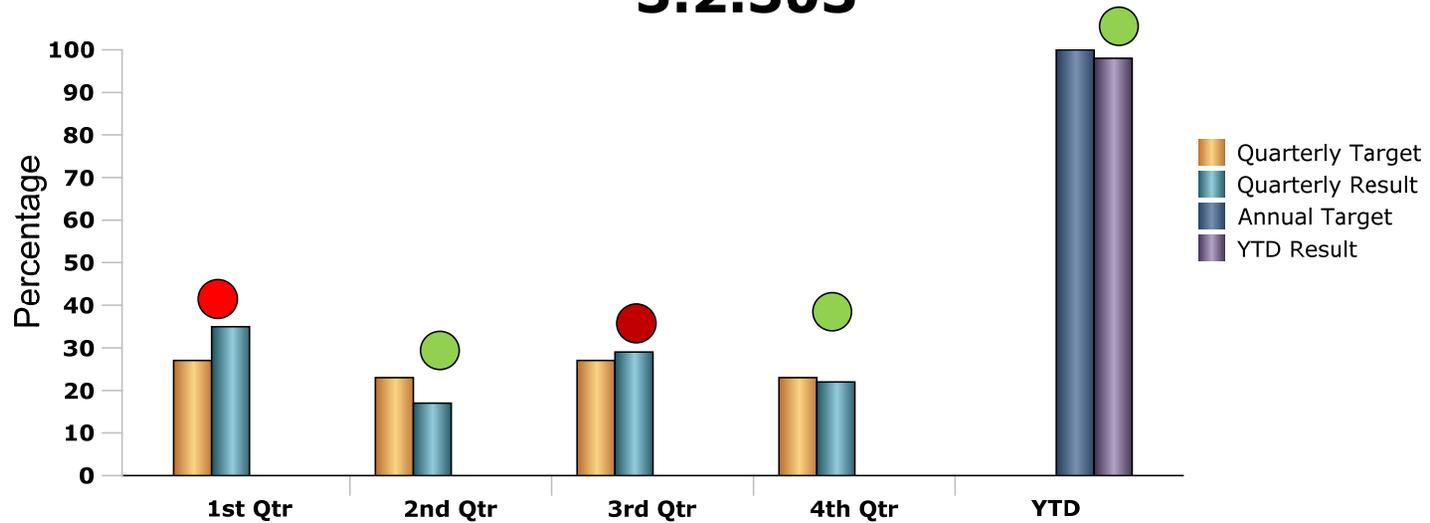
Measure 3.2.301, O&M Cost Per Account, aims to be below all set targets in order to keep O&M cost per account less than \$510.40 in a single year.

Bill Accuracy (Qualserve) 3.2.302



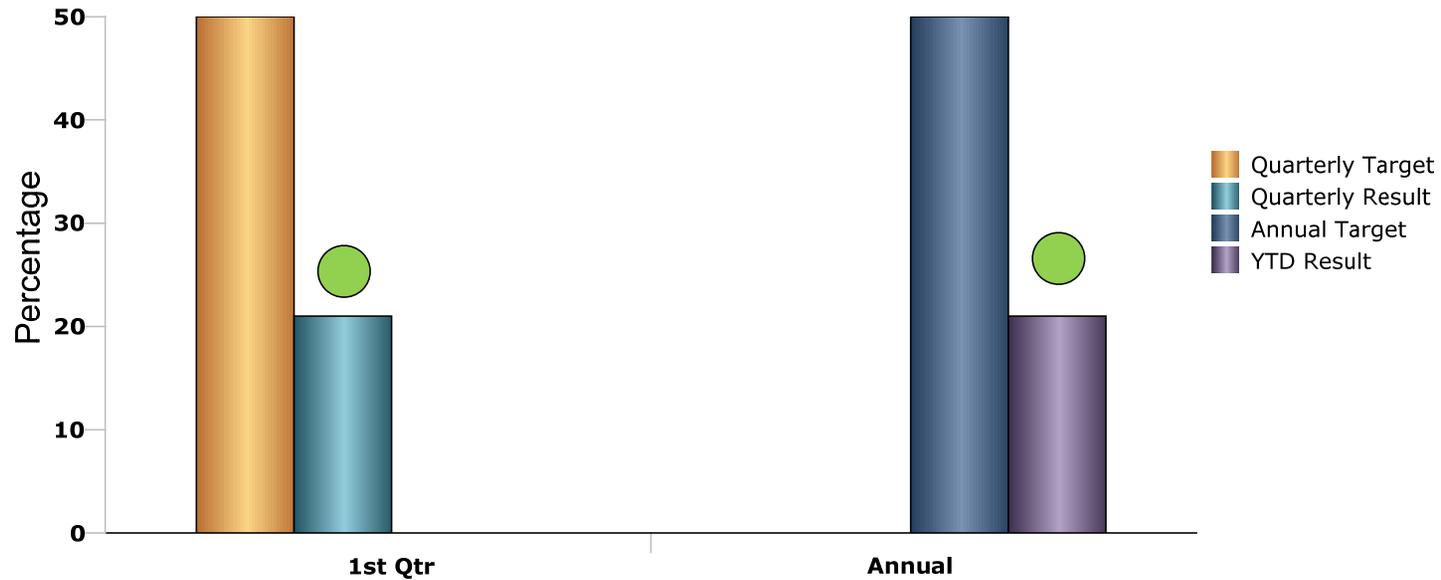
Measure 3.2.302, Billing Accuracy, aims to be above all set targets in order to have no less than 99.8% billing accuracy in a single year.

Overtime Percentage 3.2.303



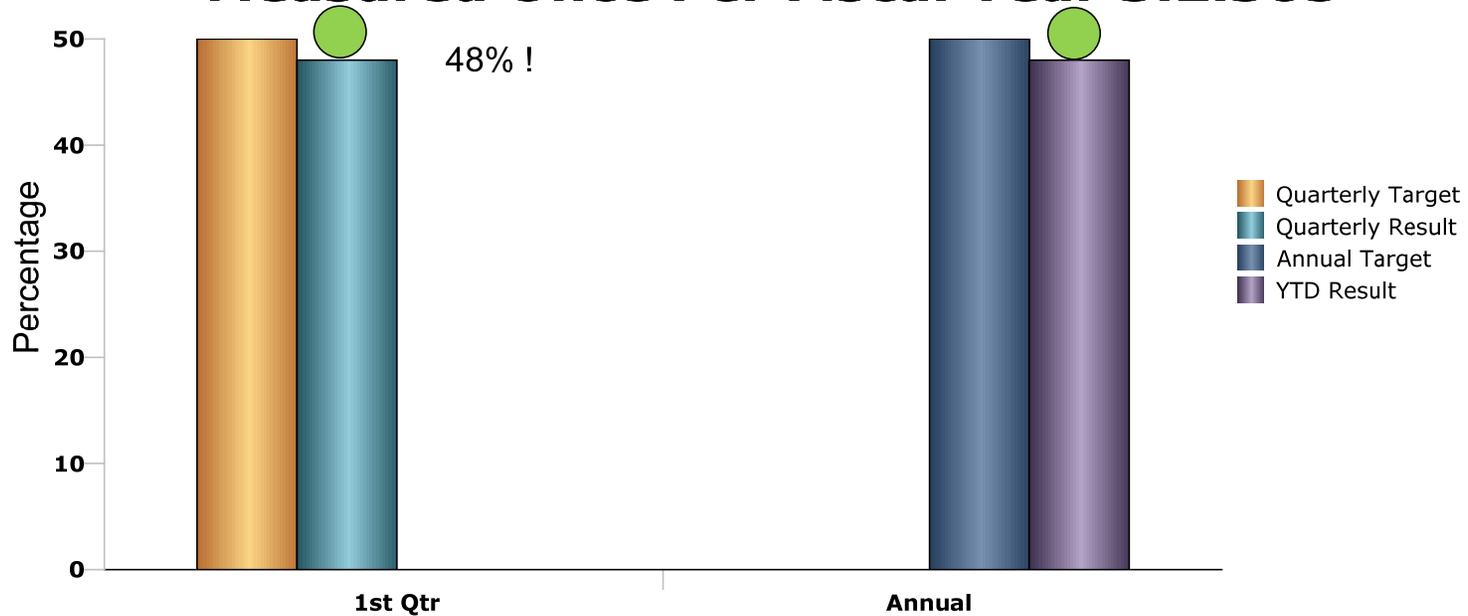
Measure 3.2.303, Overtime Percentage, aims to be between 23 and 27 percent per quarter. In total, less than 100% by the end of the year.

Sewer Rate Ranking Measured Once Per Fiscal Year 3.2.304



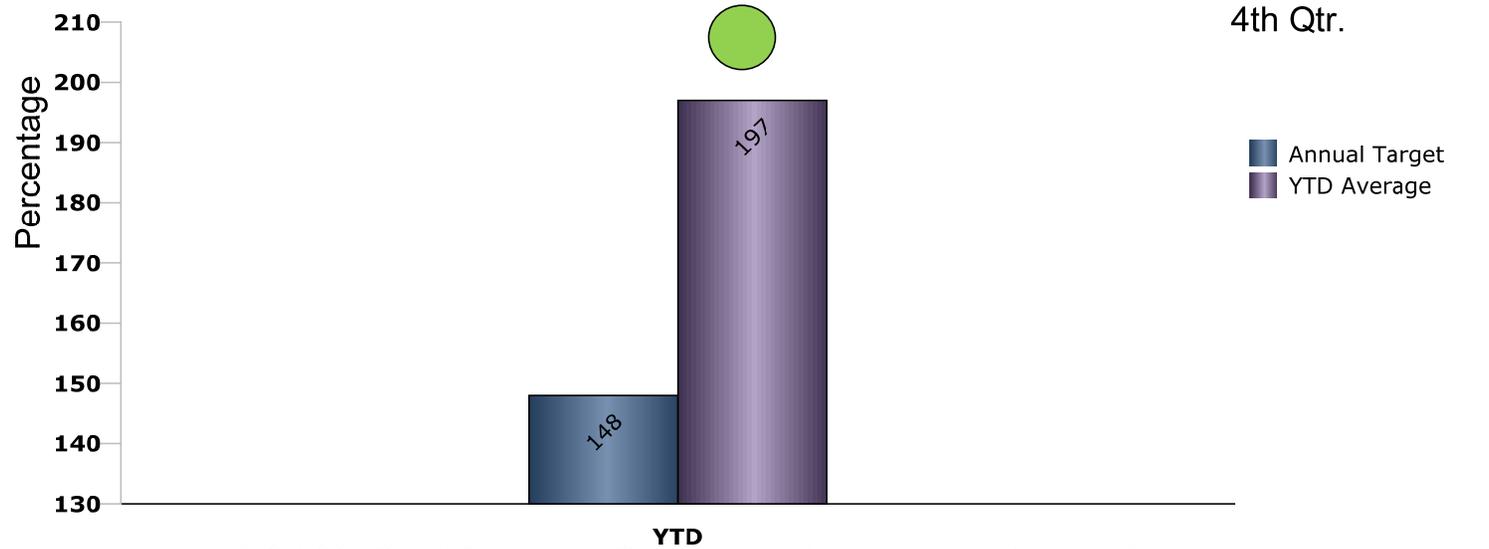
Measure 3.2.304, Sewer Rate Ranking, is an annual survey that is reported in the first quarter and represents the results for the given fiscal year. The District's goal was to be in the top 50.

Water Rate Ranking Measured Once Per Fiscal Year 3.2.305



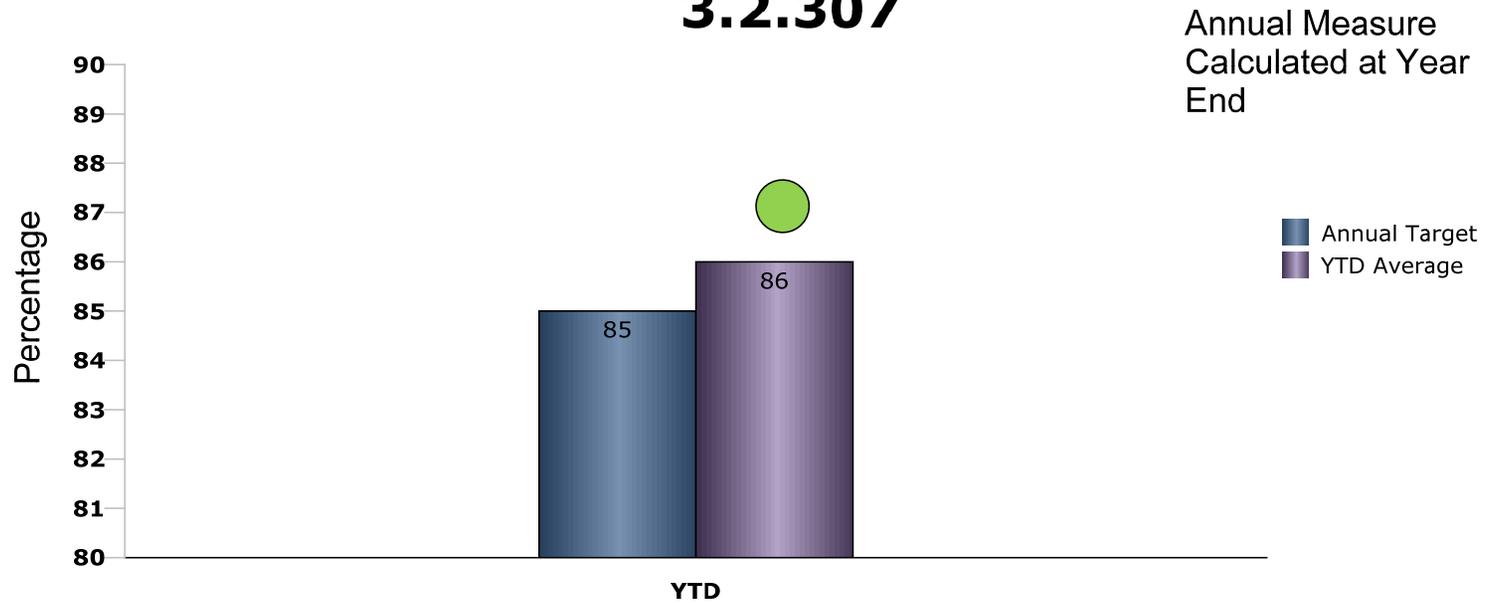
Measure 3.2.305, Water Rate Ranking, is an annual survey that is reported in the first quarter and represents the results for the given fiscal year. The District's goal was to be below the midpoint (bottom 50%) for neighboring Districts

Debt Coverage Ratio - (Qualserve) YTD 3.2.306



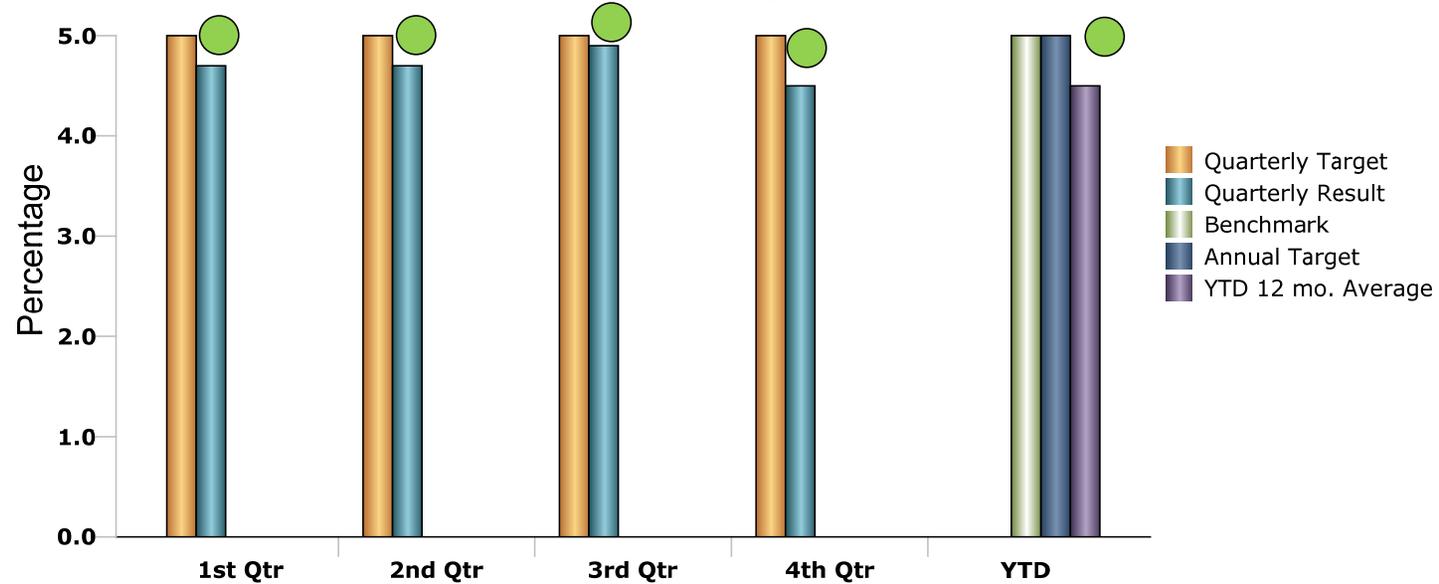
Measure 3.2.306, Debt Coverage Ration aims to be greater than 148%.
It is measured annually.

Reserve Level 3.2.307



Measure 3.2.307, Reserve Level, aims to be no less than 85%. It is measured annually.

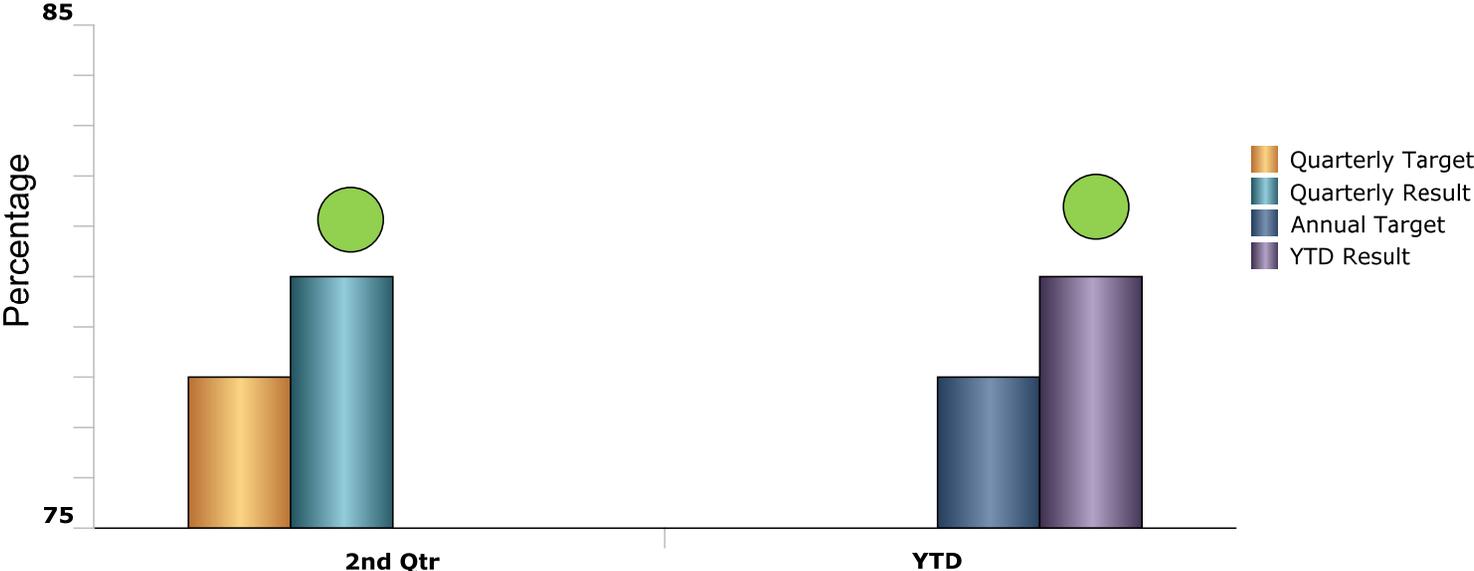
Distribution System Loss (Qualserve) 3.3.308



Measure 3.3.308, Distribution System Loss, aims to be below all set targets in order to ensure less than 5% of unaccounted water in a single year.

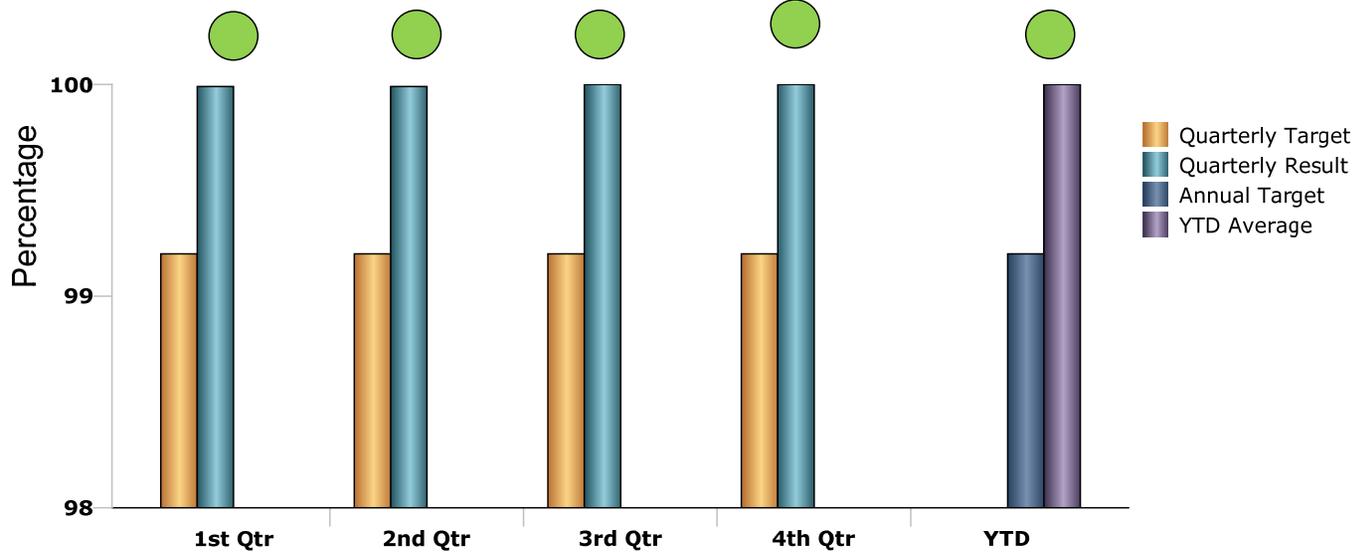
*The calculation is a year-to-date calculation, so Qtr Result = YTD Result.

Customer Satisfaction Website Measured Once Per Year 4.1.400



Measure 4.1.400, Customer Satisfaction with Website, is an annual survey that is reported in the second quarter and represents the results for the given fiscal year.

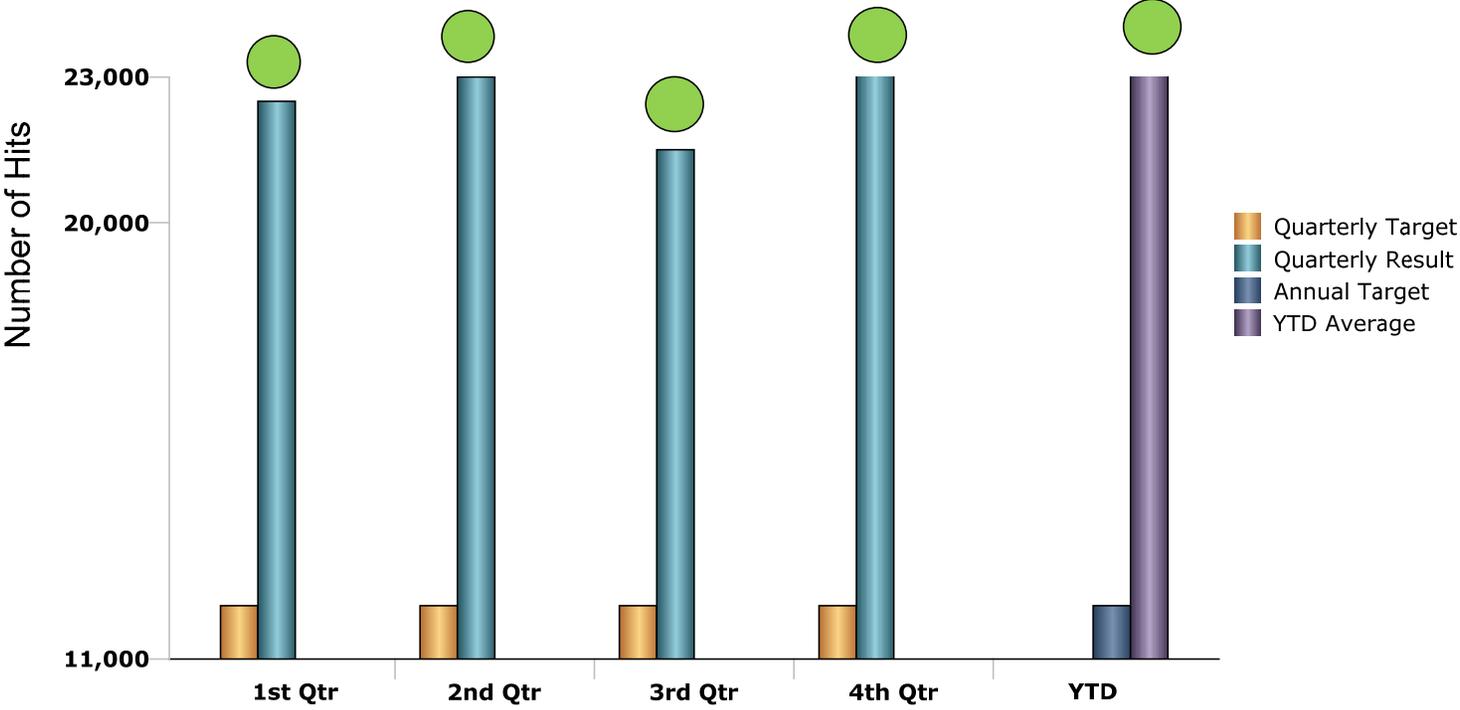
Network Availability 4.3.401



Measure 4.3.401, Network Availability, aims to be above all set targets in order to have an average of no less than 99.2% network availability.

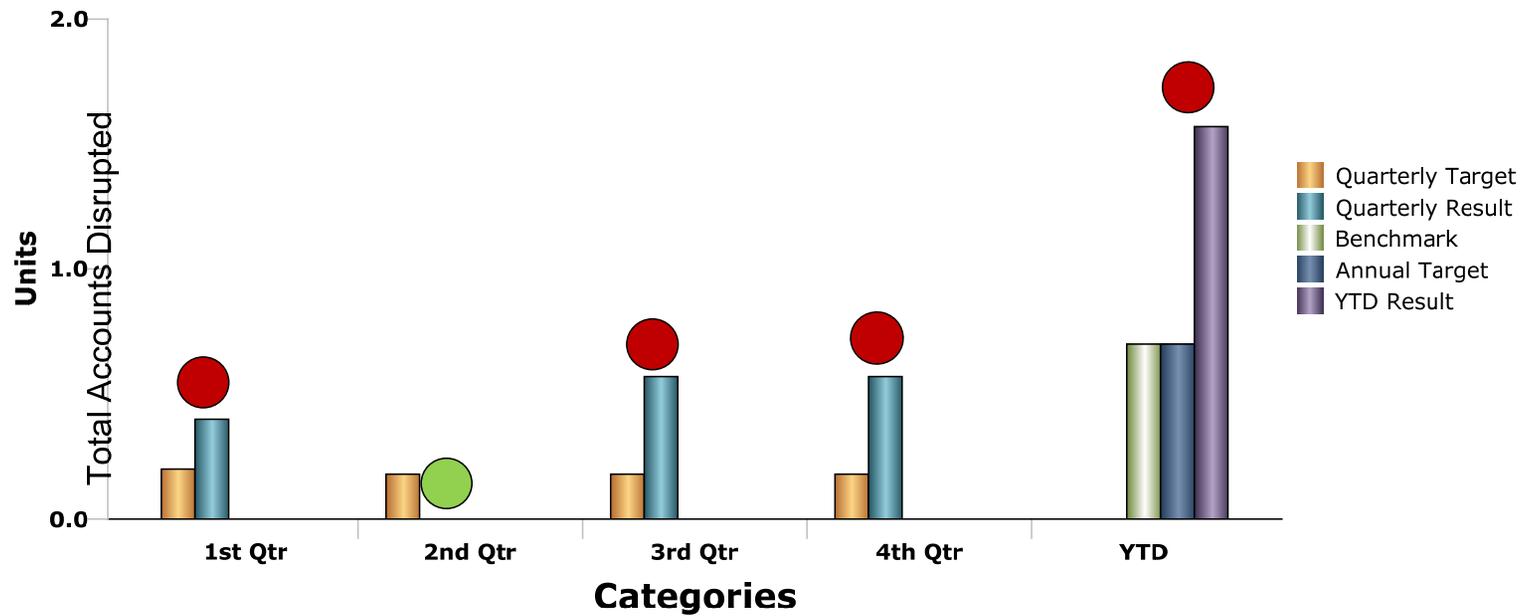
Website Hits

4.4.402



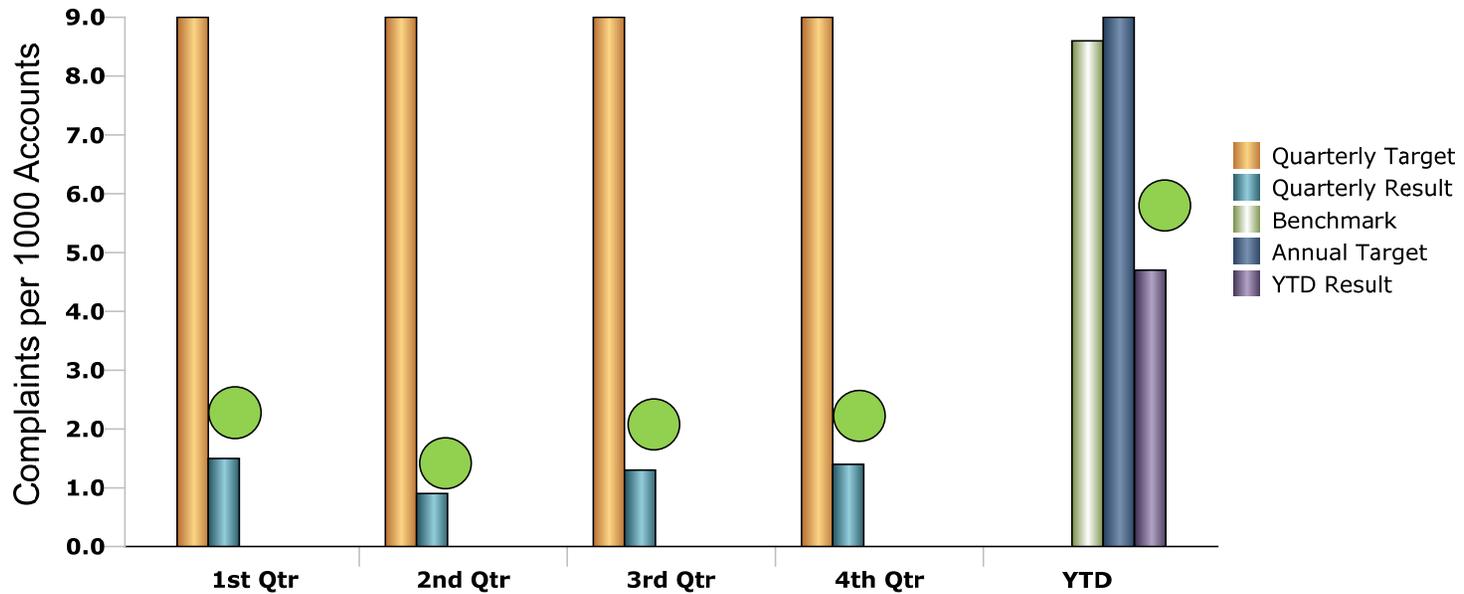
Measure 4.4.402, Website Hits, aims to be above all set targets in order to have an average of no less than 12,100 website hits.

Unplanned Disruptions (Qualserve) 5.1.500



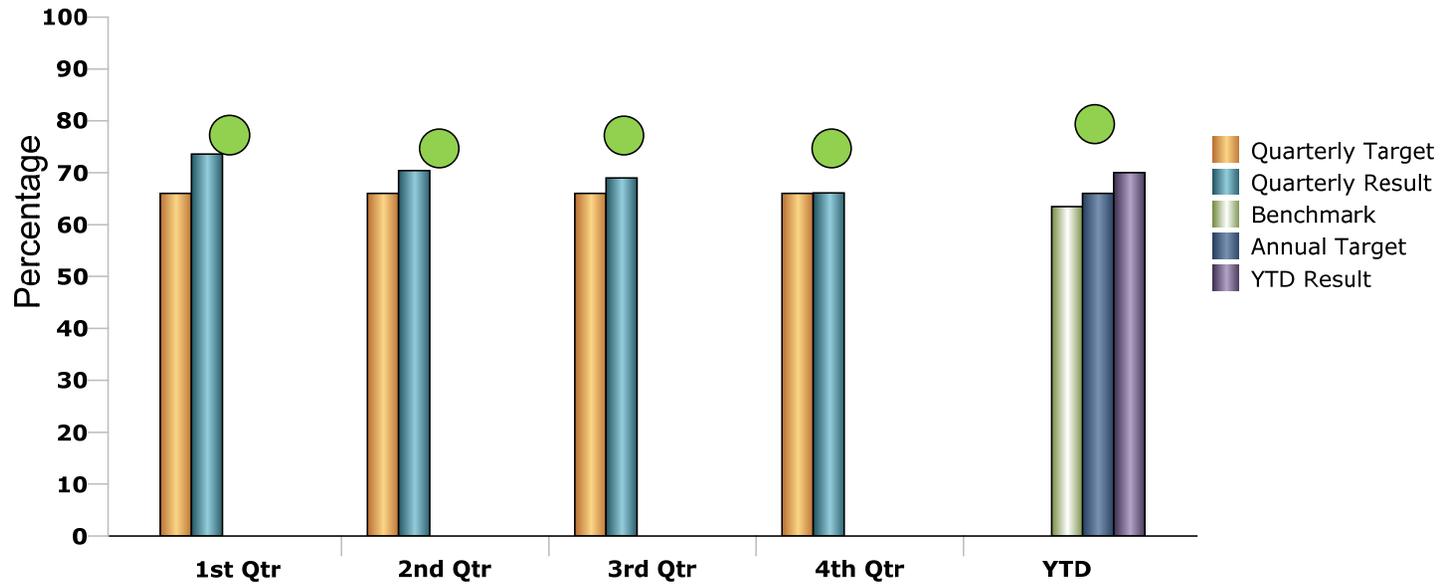
Measure 5.1.500, Unplanned Disruptions, aims to be below the Qualserve Target ratio of 0.7. Ratio is calculated by # disruptions x 1000/total accounts.

Technical Quality Complaint (Qualserve) 5.1.501



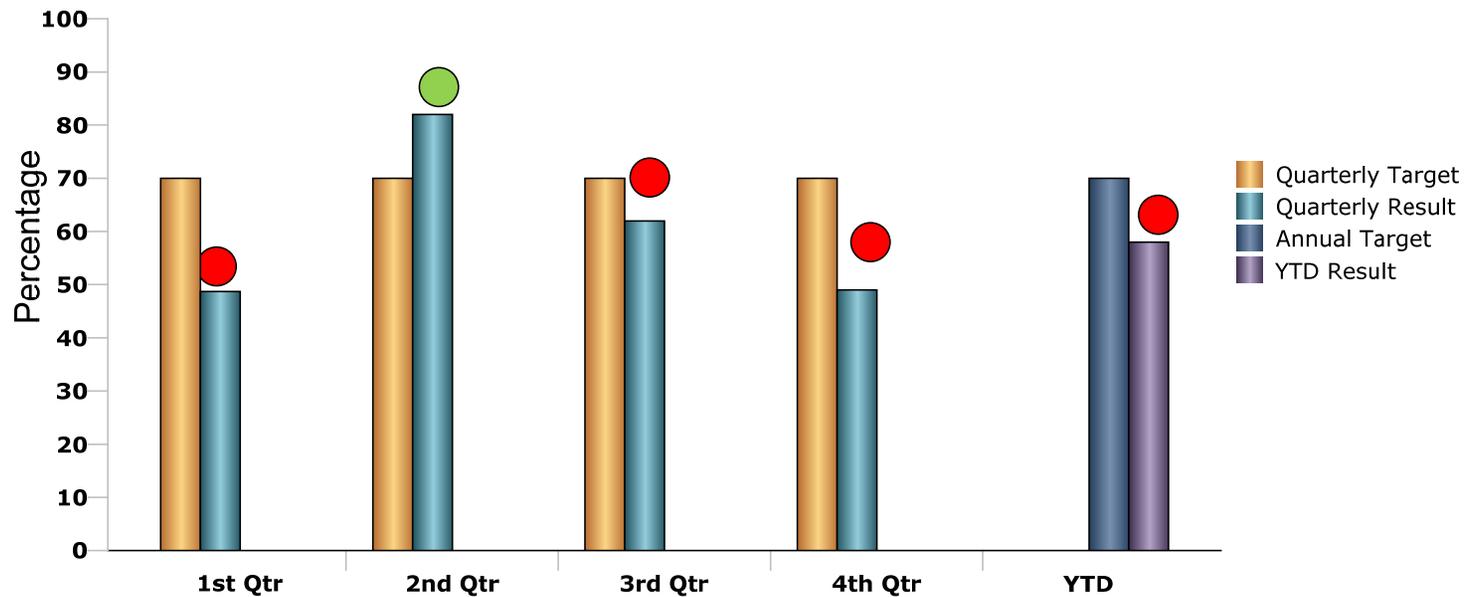
Measure 5.1.501, Technical Quality Complaint, aims to be below all set targets in order to have no more than 9 complaints per 1000 customer accounts in a single year.

Planned Potable Water Maintenance Ratio in \$ Qualserve 5.2.502



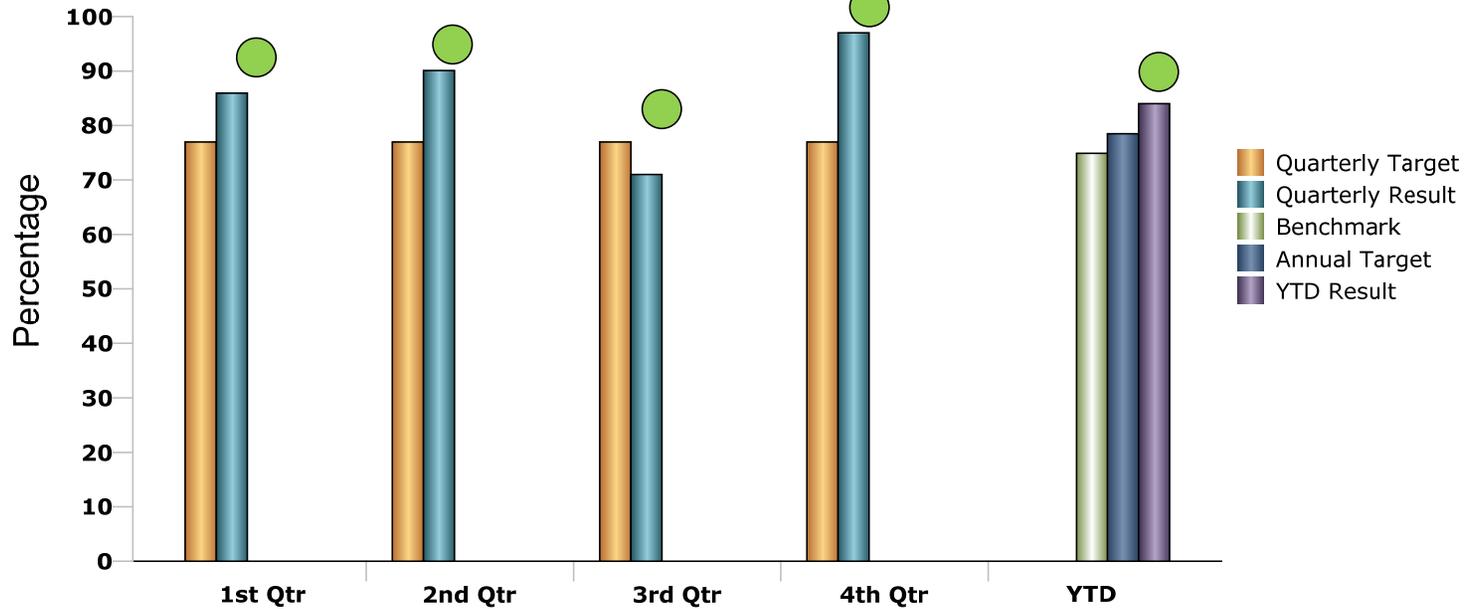
Measure 5.2.502, Planned Potable Water Maintenance Ratio in \$, aims to be above all set targets in order to have no less than 66% of all labor dollars spent on preventative maintenance.

Planned Recycled Water Maintenance Ratio in \$ 5.2.503



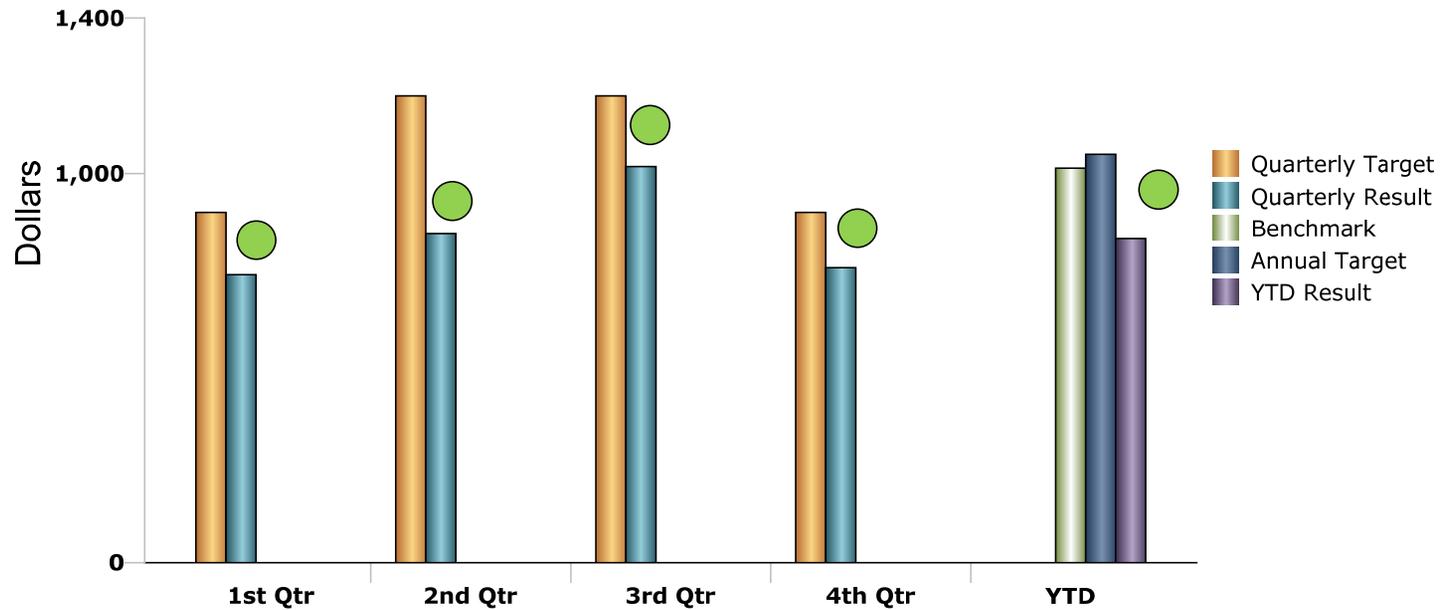
Measure 5.2.503, Planned Recycled Water Maintenance Ratio in \$, aims to be above all set targets in order to have no less than 70% of all labor dollars spent on preventative maintenance per year.

Planned Wastewater Maintenance Ratio in \$ (Qualserve) 5.2.504



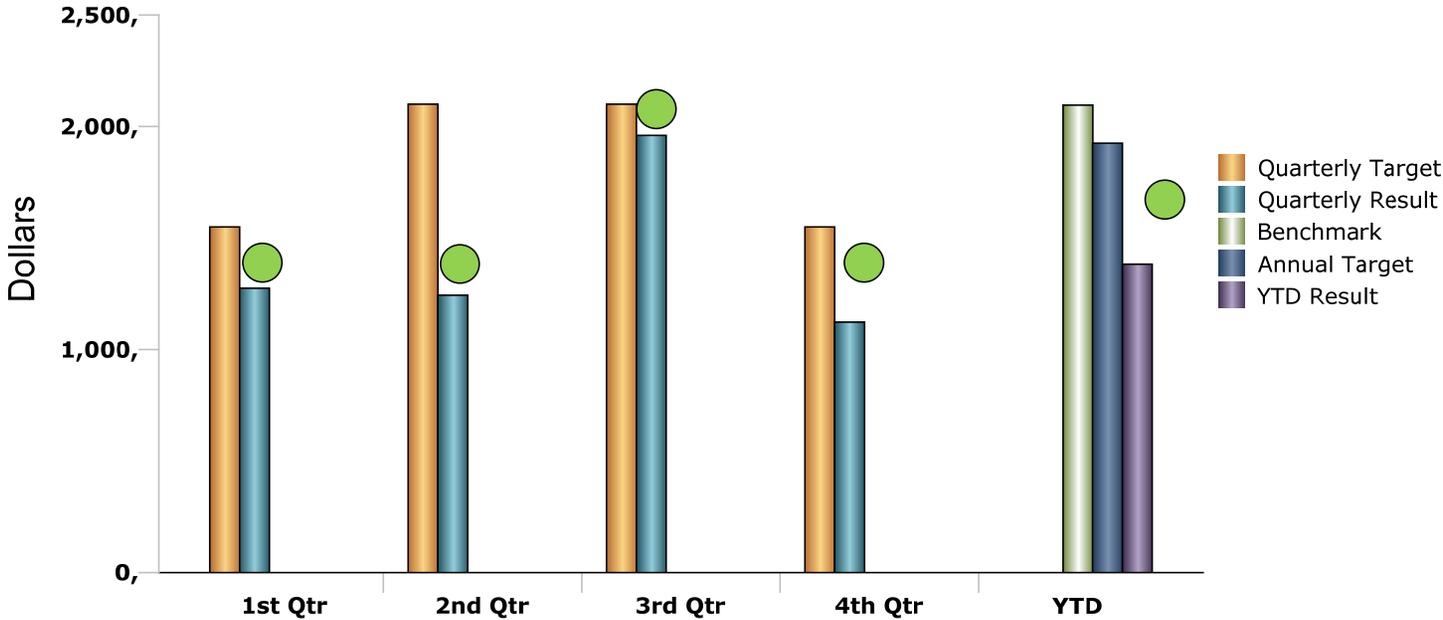
Measure 5.2.504, Planned Wastewater Maintenance Ratio in \$, aims to be above all set targets in order to have no less than 66% of all labor dollars spent on preventative maintenance in a year.

Direct Cost of Treatment per MGD (Qualserve) 5.2.505



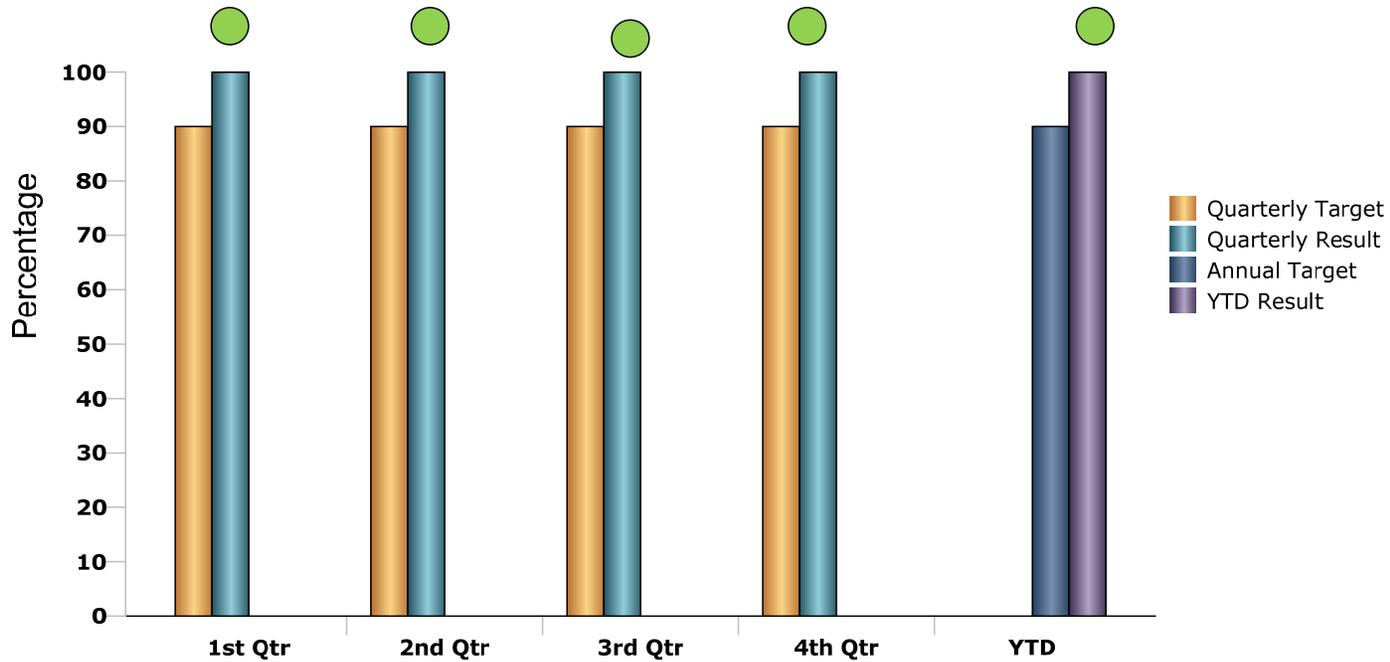
Measure 5.2.505, Direct Cost of Treatment per MGD, aims to be below all set targets in order to have no more than \$1050 per MG spent on wastewater treatment per year.

O&M Cost per MGP - Wastewater (Qualserve) 5.2.506



Measure 5.2.506, O & M Cost per MGP - wastewater, aims to be below all set targets in order to have no more than \$1925 per MG spent on O & M for wastewater treatment per year. Note targets vary between low and high seasons.

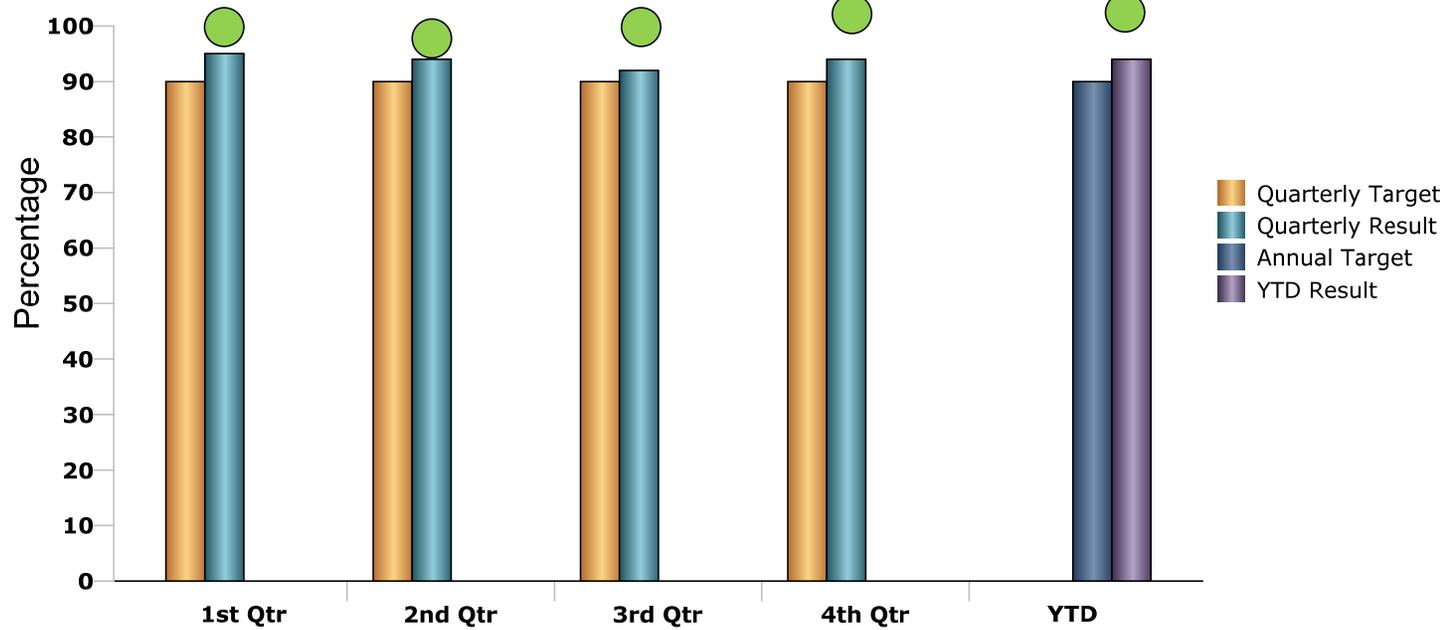
% PMs Completed - Fleet Shop 5.3.507



Measure 5.3.507, % PMs Completed – Fleet Shop, aims to be above all set targets in order to have no less than 90% of the scheduled PMs completed per year.

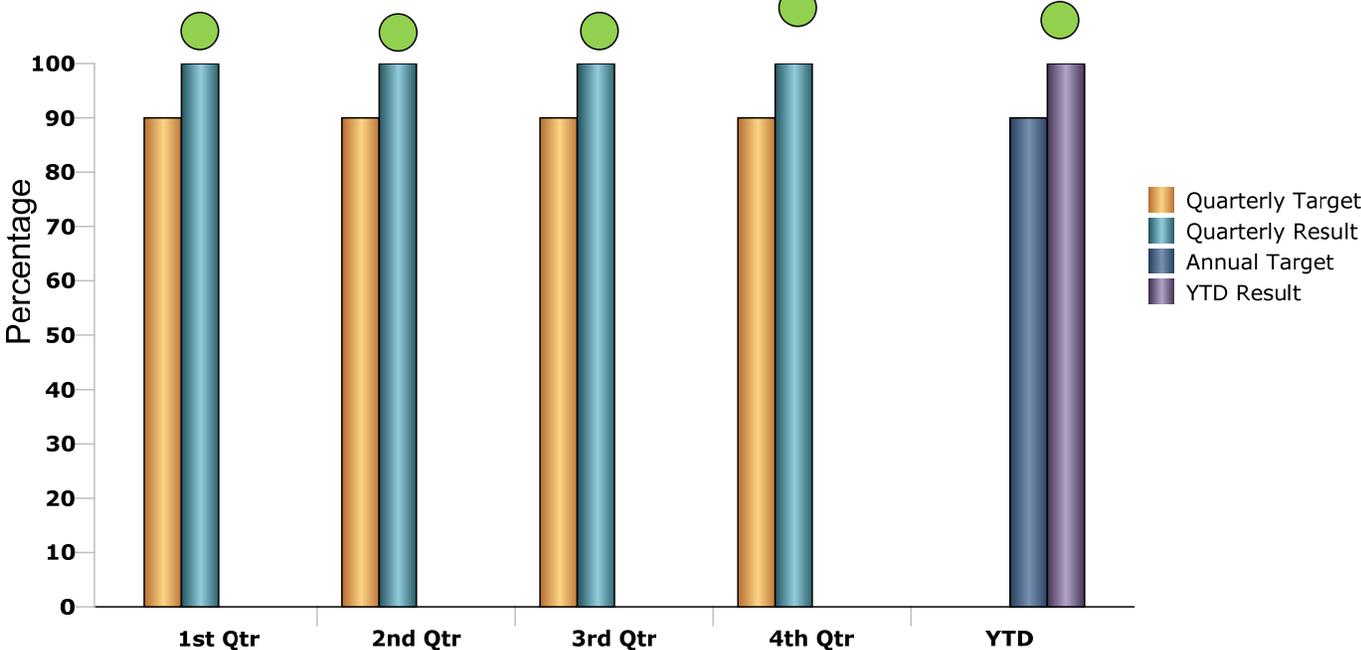
% PMs Completed - Reclamation Plant

5.3.508



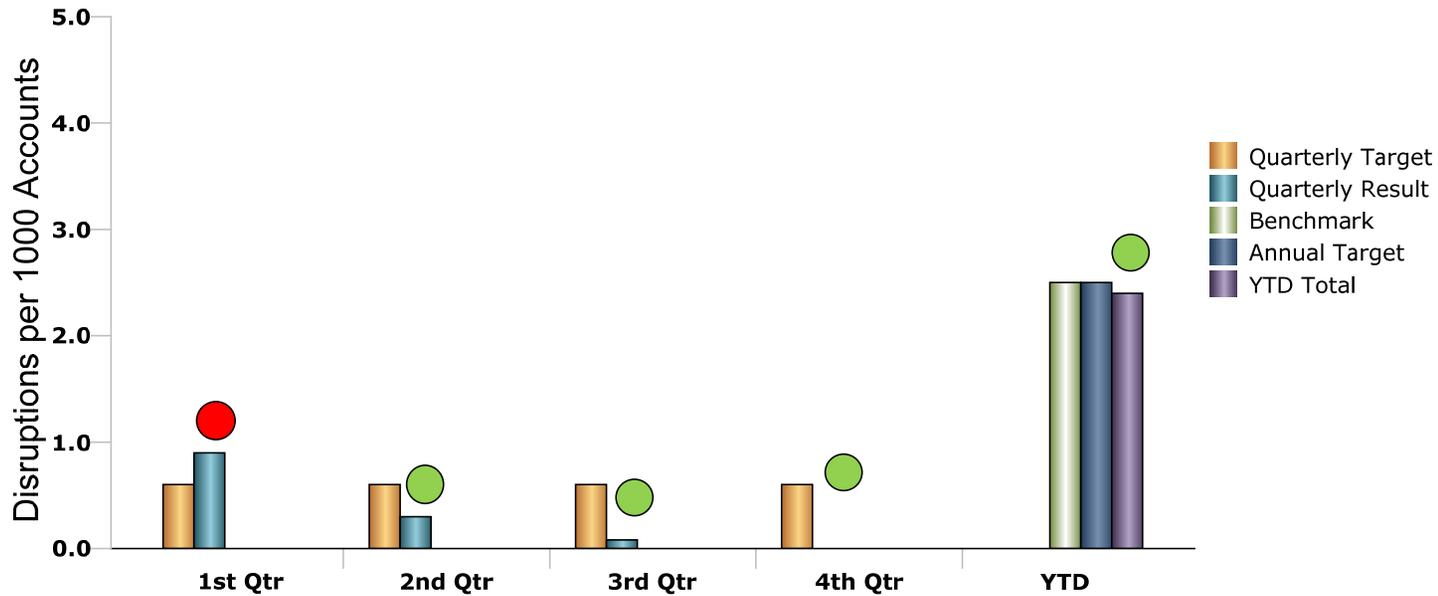
Measure 5.3.508, % PMs Completed - Reclamation Plant, aims to be above all set targets in order to have no less than 90% of the scheduled PMs completed per year.

% PMs Completed - Pump and Electric 5.3.509



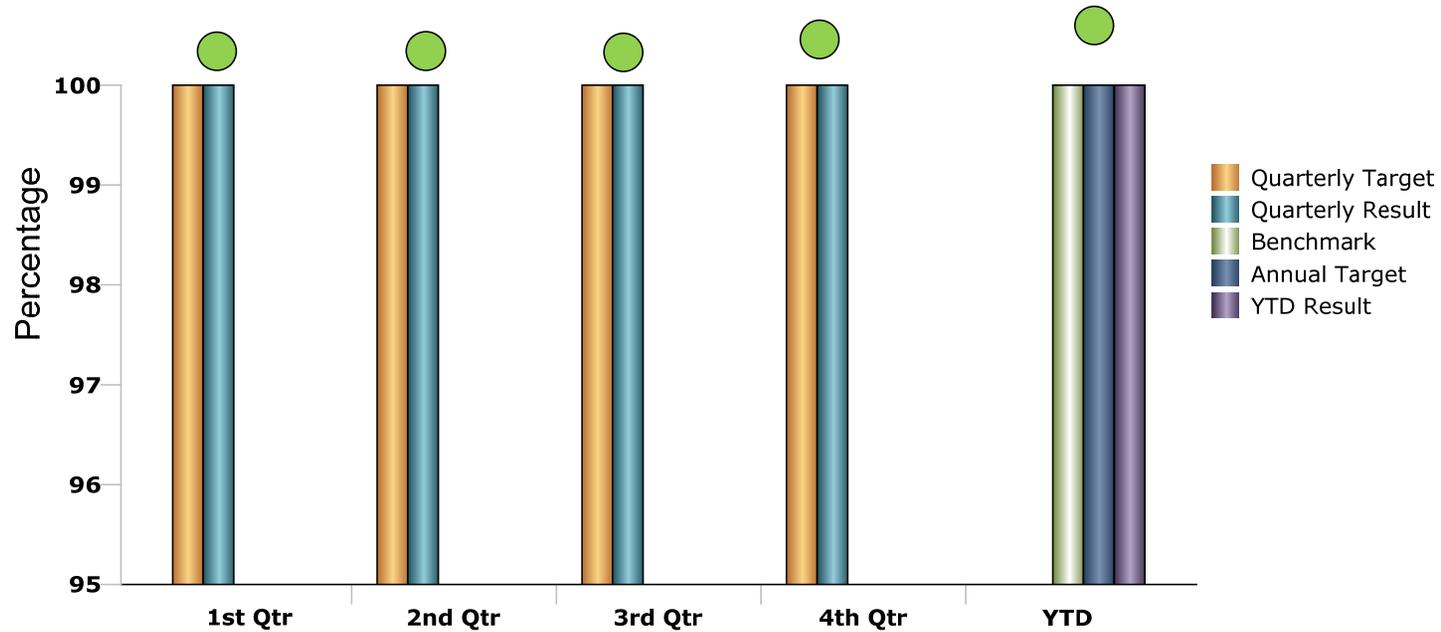
Measure 5.3.509, % PMs Completed – Pump and Electric, aims to be above all set targets in order to have no less than 90% of the scheduled PMs completed per year.

Planned Water Service Disruption Rate (Qualserve) 5.3.513



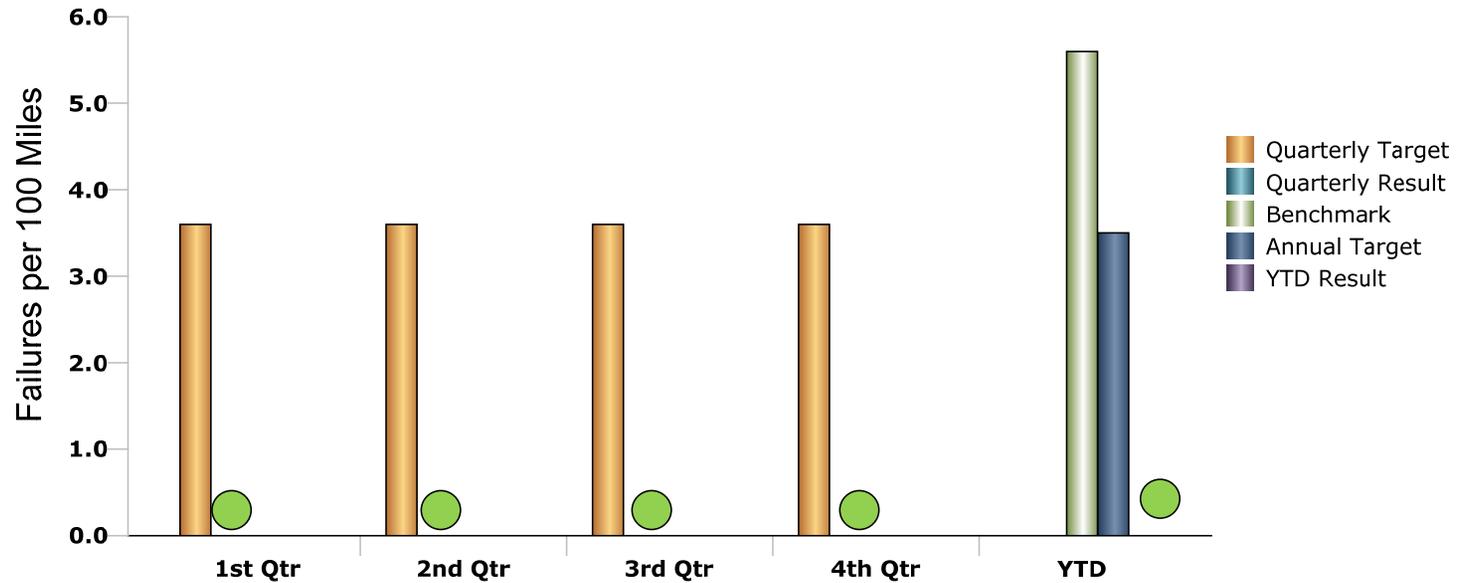
Measure 5.3.513, Planned Water Service Disruption Rate, aims to be below all set targets in order to have no more than 2.5 planned outages per 1,000 accounts per quarter in a single year. Note: This measure is expressed as number of accounts affected per 1,000 accounts.

Potable Water Compliance Rate (Qualserve) 5.3.514



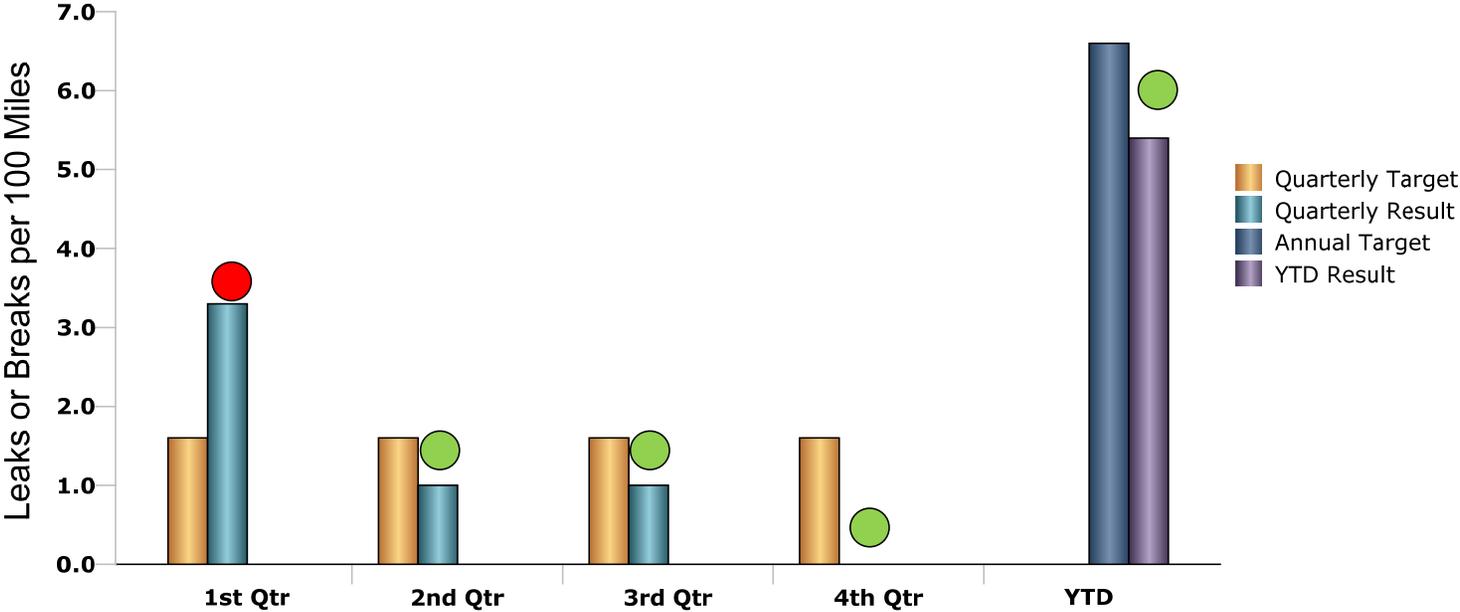
Measure 5.3.514, Drinking Water Compliance Rate, aims to be no less than 100% every quarter in order to ensure the District meets all of the health related drinking water standards everyday for a single year.

Collection System Integrity (Qualserve) 5.3.515



Measure 5.3.515, Collection System Integrity, aims to be below all set targets in order to have no more than 3.5 wastewater collection system failures per 100 miles of collection system pipeline in a single year.

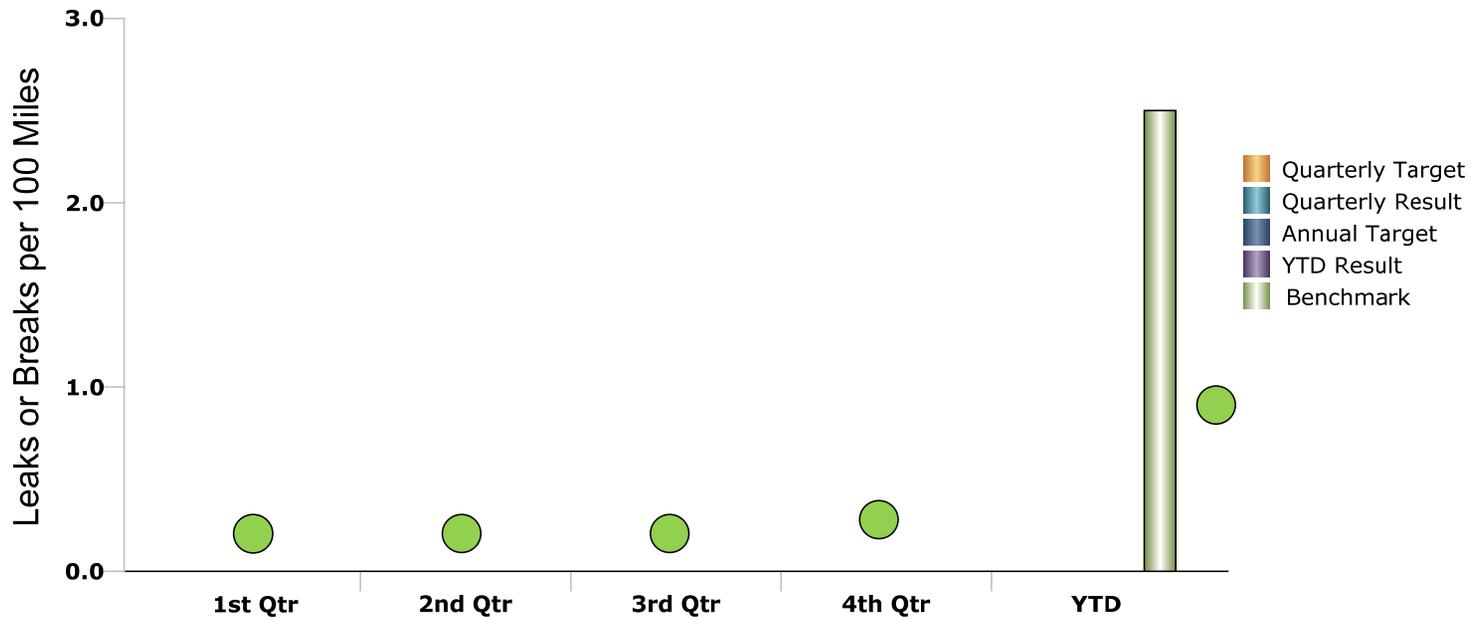
Recycled Water System Integrity 5.3.517



Measure 5.3.517, Recycled Water System Integrity, aims to be below all set targets in order to have no more than 6.6 leaks or breaks per 100 miles of recycled distribution system in a single year.

Sewer Overflow Rate

5.3.518



Measure 5.3.518, Sewer Overflow Rate aims to have no overflows.