



RANCHO MURIETA COMMUNITY SERVICES DISTRICT

15160 Jackson Road, Rancho Murieta, CA 95683

Office - 916-354-3700 * Fax - 916-354-2082

IMPROVEMENTS COMMITTEE

(Directors Randy Jenco and John Merchant)

December 3, at 8:00 a.m.

AGENDA

1. **Call to Order**
2. **Comments from the Public**
If you wish to speak during Comments from the Public or would like to comment regarding an item appearing on the meeting agenda, please complete a public comment card and submit to the Board Secretary prior to Public Comments.
3. **Improvements Staff Report**
 - A. *Discussion Item* **Update from Bob Kiel**
 - B. *Discussion Item* **Update Emergency Construction Lift Station 6B**
 - C. *Discussion Item* **Storage Tank Placement Options Rough Renderings and new estimate cost**
 - D. *Discussion Item* **Equestrian Center Stormwater Channel Repair – Domenichelli permits and design drawings**
 - E. *Discussion Item* **2026 Conservation Plan to Support New Valve Implementation**
 - F. *Discussion Item* **Sewer Construction Standards Update**
 - G. *Discussion Item* **Meter/AMI**
 - H. *Discussion Item* **WSC Update**
4. **Director and Staff Comments/Suggestions**
5. **Adjournment**

"In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item and is distributed less than 24 hours prior to a special meeting, will be made available for public inspection in the District offices during normal business hours. If, however, the document is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting."

In compliance with the Americans with Disabilities Act if you are an individual with a disability and you need a disability-related modification or accommodation to participate in this meeting or need assistance to participate in this teleconference meeting, please contact the District Office at 916-354-3700 or dfleet@rmcsd.com. Requests must be made as soon as possible.

Note: This agenda is posted pursuant to the provisions of the Government Code commencing at Section 54950. Posting location is District Office. The date and time of this posting is November 26, 2025 at 3:00 p.m.

MEMORANDUM

Date: December 3, 2025

To: Improvements Committee

From: Travis Bohannon, Chief Plant Operator

Subject: Monthly Improvements Committee Updates

A. Update from Bob Kiel.

Bob stated at the last board meeting that he had a plan to provide water to his development without having to build a new tank and he was going to share that with us at this Improvements Committee.

B. Update on Emergency Construction of 6B.

TNT has continued to uncover the 10" pipe. They have also uncovered the 12" force main that comes from Main Lift North that the 10" is going to be connected to. We are looking at several options for making a bypass, so we won't have to stop main lift north from pumping for 8-10 hours and run vector trucks. We are currently waiting for quotes for parts so they can get ordered. I will be bringing an update to the board meeting.

C. Storage Tank Placement Options Rough Renderings and New Estimate Cost.

A rough rendering drawing was designed for the new tank site. It has not been shared with the developers yet, due to Bob Keil stating that he might not need that tank. Due to the developer potentially not needing the tank, no further discussions have happened with the developers engineer.

D. Equestrian Center Stormwater Channel Repair – Domenichelli Permits & Drawings

Joe Domenichelli was tasks with doing the engineering for the channel repair. He is here today to talk about where he is at with the Permits and Drawings.

E. 2026 Conservation Plan to Support New Valve Implementation.

Last month the committee asked me to bring back a start to a conservation plan to help support the valve implementation.

F. Sewer Construction Standards Update.

Corey found multiple sewer construction standards drawings that are not current and need to be changed. The drawings will have to be updated. This is a project that needs to be done by our district engineer.

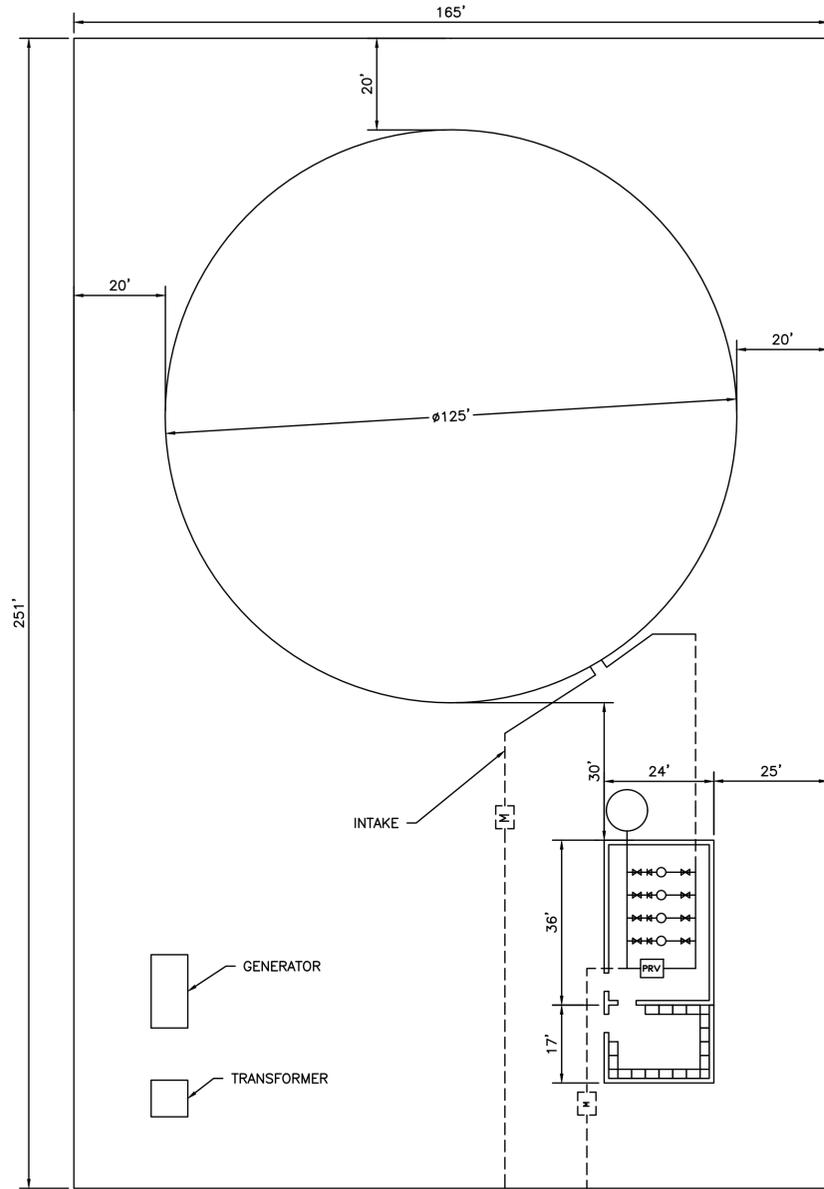
G. Meter/AMI

Cory wanted to discuss with the committee the potential of redirecting the meter and AMI tower purchase.

H. WSC Update.

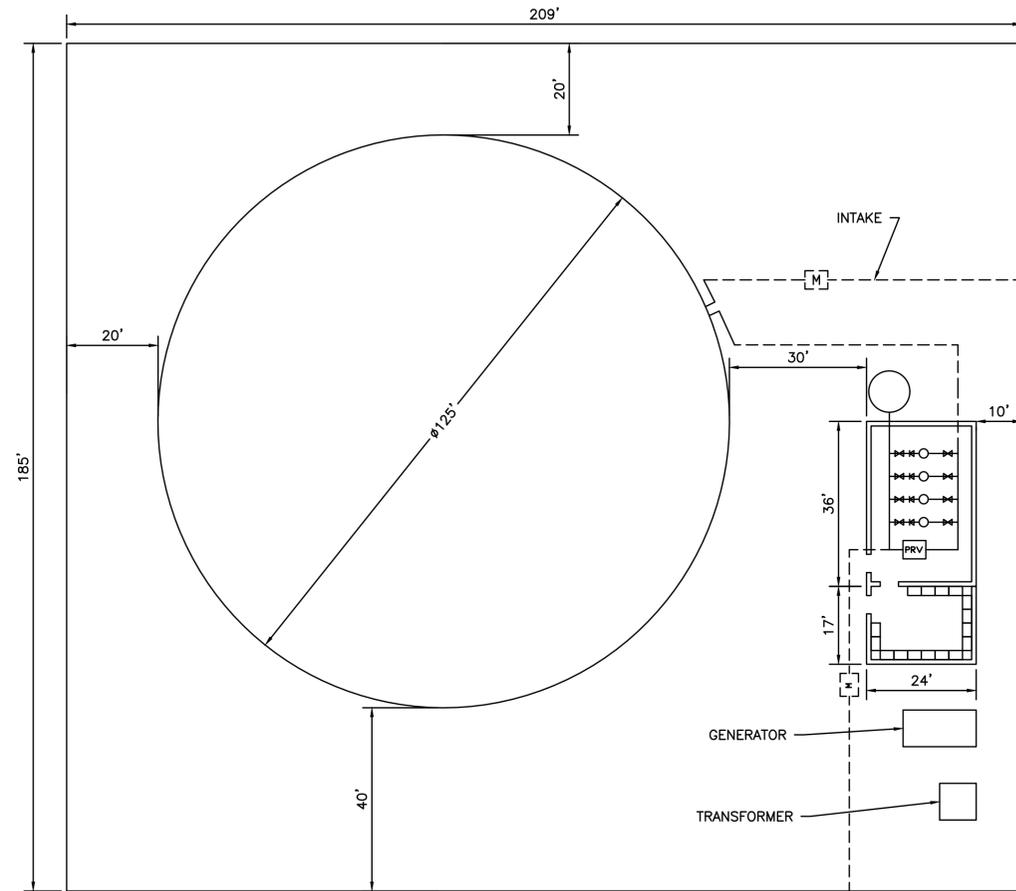
The CSD water committee has been formed and will be meeting with WSC to discuss potential well sitings.

Z:\IRM-ON CALL 12-2024 TO 2027\IRM-05 TANK SITING 2025\DWG\LOT D TANK SITE - EXHIBIT.DWG



PROPOSED PUMP STATION SITE 1
SCALE: 1" = 20'

AREA: 0.95 ACRES



PROPOSED PUMP STATION SITE 2
SCALE: 1" = 20'

AREA: 0.89 ACRES

REVISIONS				
REV	DESCRIPTION	DATE	BY	CHKD

WARNING
0 1"
AT FULL SCALE
(IF BAR IS NOT 1" - SCALE ACCORDINGLY)

DESIGNED: D. HEIGHER
DRAWN: M. DOMENICHELLI
CHECKED: J. DOMENICHELLI
DATE: AUGUST 2025

DOMENICHELLI & ASSOCIATES
Domenicelli & Associates
5180 Golden Foothill Pkwy, Suite 220
El Dorado Hills, CA 95762
Ph: (916) 933-1997

These plans are preliminary drafts and are not to be used for anything except review. They are to be discarded after review. They are prepared under the responsible charge of Daryl W. Heigher, California license number C-82011.

Rancho Murieta Community Services District
15160 Jackson Road, Rancho Murieta
(916) 354 3700

RANCHO MURIETA COMMUNITY SERVICES PLANT DISCHARGE DIVERTER VALVE

DRAWING NUMBER
SHEET NUMBER OF 2













Photo 1

Photo 4

Photo 2

Water Treatment Plant

WTP

Repeater Tower

Lake Chesbro

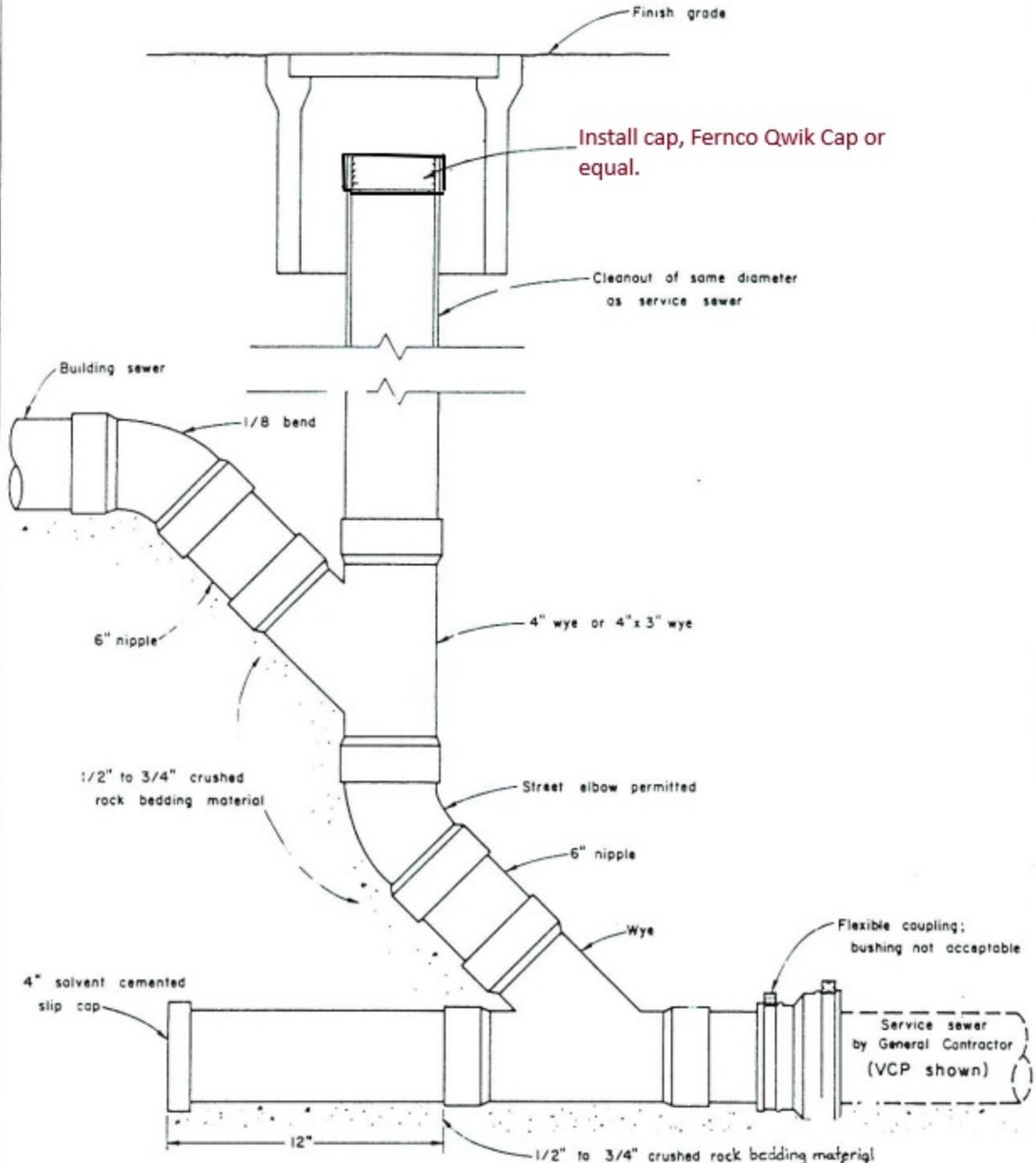
Photo 3

Photo 5

Rio Oso Tank & PS

WDS Remodeling and Renovation

Lake Clementina



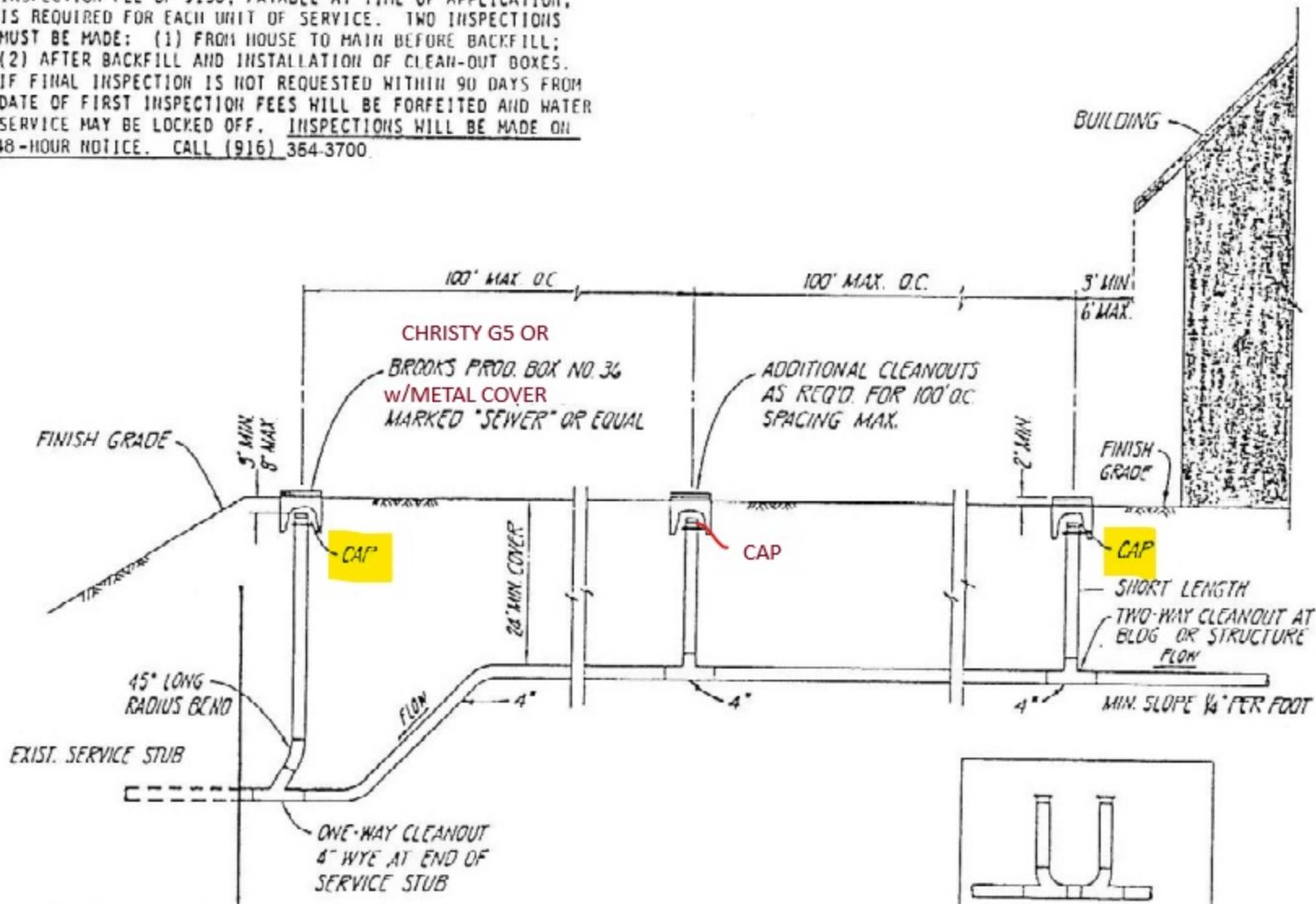
APPROVED BY: *[Signature]*

RANCHO MURIETA COMMUNITY SERVICES DISTRICT	
ABS CLEANOUT TO GRADE (BUILDING SEWER CONNECTED TO RISER)	
NO SCALE DATE DRAWN BY	S-11

- 1) Plastic cleanout to grade to be ABS (ASTM D2661) with solvent cement joints.
- 2) For 4" services, install round, CHRISTY G5 traffic type valve box with cast iron cover, marked "Sewer". Box inside diameter to be a minimum of 7" and a maximum of 10".
- 3) For services 6" or larger, install round, concrete, traffic type valve box with cast iron cover. Cover to be marked "Sewer".

SEWER SYSTEM AND INSPECTION REQUIREMENTS

INSPECTION FEE OF \$150, PAYABLE AT TIME OF APPLICATION, IS REQUIRED FOR EACH UNIT OF SERVICE. TWO INSPECTIONS MUST BE MADE: (1) FROM HOUSE TO MAIN BEFORE BACKFILL; (2) AFTER BACKFILL AND INSTALLATION OF CLEAN-OUT BOXES. IF FINAL INSPECTION IS NOT REQUESTED WITHIN 90 DAYS FROM DATE OF FIRST INSPECTION FEES WILL BE FORFEITED AND WATER SERVICE MAY BE LOCKED OFF. INSPECTIONS WILL BE MADE ON 48-HOUR NOTICE. CALL (916) 364-3700.



Background

We currently have a purchase order with Sensus for Tower and smart points.

The costs with Sensus is indicated below as \$268,937 vs. Neptune of \$78,815

It is cheaper to go with Neptune as indicated below

Increase productivity in accounting and operation in monthly billing. Currently we drive around all neighbours to collect meter readings.

Tower requires antenna and cable repairs and maintenance annually

	Radio signal	Cellular signal	
	Sensus	Neptune	
Tower	164,797.50	-	Data is collected through Tower. We do not need a Tower with Neptune
Software - annual	21,000.00	7,787.00	3% annual increase(Sensus)/Neptune (1-2%) annual increase
Smart points	83,139.73	71,028.25	500 smart point on Neptune/Sensus is 486 smart point
Connector		18,750.00	this is to connect with existing sensus meters
One time connection fees with Tyler			Amount to be determined and we will need this for both years
	268,937.23	97,565.25	

Meter and EndPoint Replacements after FY 26

Meter \$	260	245	We have about 2950 meters currently and the plan is to replace them over a number of years
number of meter(residents)	2,950	2,950	
	767,000	722,750	
Endpoints(2950-486)=2464			
Endpoint \$	171	142	
number of meter(residents)	2,341	2,450	
	400,439	348,038	
Total Meter and EndPoint Replacements	1,167,439	1,070,788	
Replace in 1 year	1,167,439	1,070,788	costs/billing if we replace them all in 1 year
number of meter(residents)	2,950	2,950	
costs per month	32.98	30.25	
Replace in 2 years	583,719.63	535,394.21	costs/billing if we replace them all in 2 years
number of meter(residents)	2,950	2,950	

costs per month	16.49	15.12
Replace in 4 years	291,859.81	267,697.11
number of meter(residents)	2,950	2,950
costs per month	8.24	7.56
Total operation budget	10,000,000.00	10,000,000.00
Percentage of total budget	0.12	0.11
Smart Points Costs	Sensus	Neptune
number	486.00	500.00
unit costs	171.07	142.06
	<hr/>	<hr/>
	83,139.73	71,028.25

costs/billing if we replace them all in 4 years

Problem": We are very behind with other water district in terms of technology. We can not have one section of the neighbor using manual reading vs. automatic reading. We can not have this drag over 5 years.

last 20 years warranty