Agenda

San Miguel Community Services District

BOARD OF DIRECTORS

Anthony Kalvans, Director — Larry Reuck, Vice President
John Green, Director — Gib Buckman, Director — Joseph Parent, Director

THURSDAY, NOVEMBER 16, 2017
6:00 P.M.
BOARD OF DIRECTORS SPECIAL MEETING AGENDA

SMCSD Boardroom
1150 Mission St.
San Miguel, CA 93451

Cell Phones: As a courtesy to others, please silence your cell phone or pager during the meeting and engage in conversations outside the Boardroom.

Americans with Disabilities Act: If you need special assistance to participate in this meeting, please contact the CSD Clerk at (805) 467-3388. Notification 48 hours in advance will enable the CSD to make reasonable arrangements to ensure accessibility to this meeting. Assisted listening devices are available for the hearing impaired.

Public Comment: Please complete a "Request to Speak" form located at the podium in the boardroom in order to address the Board of Directors on any agenda item. Comments are limited to three minutes, unless you have registered your organization with CSD Clerk prior to the meeting. If you wish to speak on an item not on the agenda, you may do so under "Oral Communications." Any member of the public may address the Board of Directors on items on the Consent Calendar. Please complete a "Request to Speak" form as noted above and mark which item number you wish to address.

Meeting Schedule: Regular Board of Director meetings are generally held in the SMCSD Boardroom on the fourth Thursday of each month at 7:00 P.M. Agendas are also posted at: www.sanmiguelcsd.org

Agendas: Agenda packets are available for public inspection 72 hours prior to the scheduled meeting at the Counter/ San Miguel CSD office located at 1150 Mission St., San Miguel, during normal business hours. Any agenda-related writings or documents provided to a majority of the Board of Directors after distribution of the agenda packet are available for public inspection at the same time at the counter/ San Miguel CSD office at 1150 Mission St., San Miguel, during normal business hours.

I. Call to Order: 6:00 PM
II. Pledge of Allegiance:
III. Roll Call:
IV. Adoption Regular Meeting Agenda
V. Public Comment and Communications (for items not on the agenda):

Persons wishing to speak on a matter not on the agenda may be heard at this time; however, no action will be taken until placed on a future agenda. Speakers are limited to three minutes. Please complete a "Request to Speak" form and place in basket provided.

VI. ADJOURN TO CLOSED SESSION: Time:_____

A. CLOSED SESSION AGENDA:

1. **CONFERENCE WITH DISTRICT GENERAL COUNSEL-ANTICIPATED LITIGATION**
   Significant exposure to litigation pursuant to paragraph (2) subdivision (d) of Section 54956.9: (1 case)

2. **CONFERENCE WITH REAL PROPERTY NEGOTIATORS**
   Pursuant to Government Code Section 54956.8
   Properties: 021-051-017 and 021-051-016.
   Agency negotiator: (Blaine T. Reely, PhD,PE/Monsoon Consultants, SMCSD Interim General Manager Rob Roberson, and Director of Utilities Kelly Dodds)
   Property Negotiator: San Miguel Ranch, LLC.
   Under negotiation: Purchase price & terms of payment.

3. **CONFERENCE WITH LABOR NEGOTIATORS** (Pursuant to Government Code Section 54954.5(f) and Government Code Section 54957.6)
   District Representatives: District General Counsel, Director Kalvans, and Director Green.
   Unrepresented Bargaining Units: Non-Management Non-Confidential Unit and Non-Management Confidential Unit.

4. **RECONVENE TO OPEN SESSION:** Time: _____

5. **REPORT OUT OF CLOSED SESSION**

   1. Report out of Closed Session by District General Counsel

VII. Call to Order for Regular Board Meeting (estimated to be 7:00 pm) Time**: _____**

VIII. Public Comment and Communications:

Persons wishing to speak on a matter not on the agenda may be heard at this time; however, no action will be taken until placed on a future agenda. Speakers are limited to three minutes. Please complete a "Request to Speak" form and place in basket provided.

IX. Staff & Committee Reports – Receive & File:

Non-District Reports:

1.	San Luis Obispo County Sheriff	No Report
2.	San Luis Obispo County Board of Supervisors	No Report
3.	San Luis Obispo County Planning and/or Public Works	No Report
4.	San Miguel Area Advisory Council	10/3/2017 Minutes
5.	Camp Roberts—Army National Guard (LTC Kevin Bender)	No Report

District Staff & Committee Reports:

6.	Interim General Manager	(Mr. Roberson)	Verbal
7.	District General Counsel	(Mr. White)	Verbal
8.	District Engineer	(Dr. Reely)	Report Attached
9.	Director of Utilities	(Mr Dodds)	Verbal
10.	Fire Chief	(Chief Roberson)	Report Attached

X. CONSENT ITEMS:

The items listed below are scheduled for consideration as a group and one vote. Any Director or a member of the public may request an item be withdrawn from the Consent Agenda to discuss or to change the recommended course of action. Unless an item is pulled for separate consideration by the Board, the following items are recommended for approval without further discussion.

1. Review and Approve Board Meeting Minutes
   a) Draft meeting minutes for Aug 9, 2017
   b) Draft meeting minutes for Aug 31,2017
   c) Draft meeting minutes for Sept. 22, 2017

2. Gratitude letter of acceptance TNT Rescue Extrication equipment to San Miguel Fire Department as a donation from Micro Droplet Systems Inc.

M_____ **S**_____ **V/V**_____

XI. BOARD ACTION ITEMS:

1. Review, Discuss, Receive and File the Enumeration of Financial Report for October 2017
   a) Claims Detail Report 10-2017
   b) Statement of Revenue Budget vs Actuals 10-2017
   c) Statement of Expenditures Budget vs Actual 10-2017
   d) Cash Report for Payrolls from 10-1-2017 to 10-31-2017

Public Comments: (Hear public comments prior to Board Action)

M_____ **S**_____ **V/V**_____

2. Review and Approve RESOLUTION 2017-48 adopting the 2017 Water & Wastewater Masterplan as prepared by Monsoon Consulting.

Public Comments: (Hear public comments prior to Board Action)

M_____ **S**_____ **V**_____

3. **Review and Discuss Public Surplus list, declaring items on the list as surplus and authorizing staff to dispose of them in accordance with the District's Surplus equipment policy.**

Public Comments: (Hear public comments prior to Board Action)

M_____ **S**_____ **V**_____

XII. BOARD COMMENT:

This section is intended as an opportunity for Board members to make brief announcements, request information from staff, request future agenda item(s) and/or report on their own activities related to District business. No action is to be taken until an item is placed on a future agenda.

XIII. ADJOURNMENT **Time:**_____

ATTEST:

STATE OF CALIFORNIA)
COUNTY OF SAN LUIS OBISPO) ss.
COMMUNITY OF SAN MIGUEL)

I, Tamara Parent, Board Clerk/Accounts Manager of San Miguel Community Services District, hereby certify that I caused the posting of this agenda at the SMCSD office on November 9, 2017

Date: November 9, 2017

_____

Tamara Parent, Board Clerk/ Accounts Manager

Rob Roberson Interim General Manager

Next Scheduled Regular Board Meeting is December 14, 2017

SMCC October 3rd 2017 Board Meeting

Attending: Sergio, Ashley, Mike, Kathleen, Gary Mc Masters, Lynne Schmitz, Jean Hoffman, Miki

Presentation by Christina Wilkinson: Breakdown of her Lillian Larsen School (LLE) Ag program. Christina has had problems with support for her LLE garden program. Families did not show the interest that was necessary in helping to maintain the 60 + elevated garden beds. Attempts to coordinate with Fr. Larry Gosselin at Mission San Miguel did not come through while he was here.

Christina has helped provide a location for students and their parents to produce all manner of vegetables from herbs to fruit trees. She cautions the intending OMSM Community Garden participants to be aware that gardens need regular maintenance. Volunteers need to actually stay with the program and support it. The community is clearly divided with some preferring to donate their time to the church and others who may want to eventually support the school's program. She says you may want to complete a survey and visit the community garden at LLE. The school harvested 41 lbs. of fruit this year. This last weekend there was a harvesting, students also planted winter crops. They use Planter Boxes. They have a butterfly plant area that needs weeding. They are down to 47 planter boxes at this time. Christina wants to collaborate with the OMSM participants. She plans eventually to have picnic tables, a gazebo, etc. The vision was to have a garden day for families. Kathleen suggested that it would be fair to people if they were to plant that they get food for this and be trained to know what are the best companion plants, etc. Miki wanted to know the calendar schedule that Christina will use for specific days for planting, weeding and amending. Christina says that she would be willing to collaborate.

1. Treasurer's Report: Mike delivered report and update. The Chamber currently has $6900 in its regular coffers (including the Bench Program). Over $5000 is in the funds for the Car Show. $200 in the Parade Committee Funds at this time.

2. Transfer of Documents for New Treasurer: All paperwork will be in Kelly's and her daughter's hands from John Satchell when he and Kelly meet.

3. Webpage/Regular Payment: We'll hold off until they bill us.

4. Fall Newsletter: The Newsletter will be placed on the San Miguel Chamber's Webpage and will be available at the Mercantile and other Board business and community organizations in hard copy (Miki sent emailed Ashley with the Fall Newsletter and Miki also has copies of the Fall Newsletter from Blueprinters. Please make sure to come by the Mercantile to pick up copies of the SMCC News.

5. OMSM Community Garden Report: Sergio is seeking a trailer to clear away the trash from the church grounds. The Board suggested that he contact San Miguel Garbage Co. to obtain help with the removal .

6. Kiosk Report/November Mixer: 38" by 46" 2 inches larger than the kiosk size. At recommendation of of the Board, Mike is to get at 36" wide with a frame and discussed date and time (5:00pm) of the Mixer on November 7th.

(After testing the above theory concerning placing the kiosk map, Mike discovered that important informational portions of the Kiosk Map would be compromised by this smaller cover). He has ordered Plexiglas from Lowe's and will receive it by October 20th, at which time he will place the map and its cover on the kiosk section allotted to the San Miguel Chamber of Commerce.

7. October SMCC & County event at County Park: Mike will contact Elizabeth Kavanaugh. (Mike did contact Elizabeth and she reported that the County will not do a ribbon cutting for the County Park until early November).

8. Sidewalk Gardens Report: Key issue about sidewalk gardens. While Miki and Mike were on vacation (twice between late July and August), someone who has the key to the water box shut off the irrigation system two times (as Mike turned it back on when he and Miki returned from their first trip), causing several of the expensive plants placed in the gardens at 13th and 14th Streets to be completely destroyed. Only Mike and one other person at the CSD have this area's keys to the water system (although it is a common key used by the County for all public water systems of this type).

Lynne suggested getting Gib Buckman to support the Sidewalk Garden Program by checking on the water system while Mike and Miki are on vacation from October 25th through November 5th. Ashley suggested giving focus to the Sidewalk Garden in the Winter Edition of the Newsletter to indicate the importance of their maintenance.

Ashley also suggested that a notice to members about what are the best options for planting in our area would be a good addition to send out in the Fall and Winter months, both as E-blasts and in the Newsletter . That could include the fact that the San Miguel Mercantile offers Black Diamond Vermicompost and that the Black Diamond business owner intends to come to the Mercantile in November to do a workshop on said gardening options during the latter part of the year.

It was also suggested that Gary 's military events should be included in the winter edition.

The question arose about Cal Trans and its timeline for the new onramp to 101. What we understand is that this reworking of 101 between San Miguel and San Marcos Creek Road is intended to be a 2 year redevelopment to improve and divert the location of the onramp from Mission Street. In addition, years of discussion at the Advisory Council on the matter of providing the new onramp with a regional wall finally yielded a design that the Council agreed upon and that too is supposed to comprise additional work to be done at the area of the onramp.

9. Other: Send all updated dues report to Kathleen (Miki sent both the list of those who've paid their dues by October 12 to Kathleen (the following week after the Board Meeting) and she also updated the full existing Membership List.

Another question arose: what happened to the San Miguel Chamber Facebook?? Should Kelly Work investigate this with Bill, our new web maven?

See everyone at the November 7th Mixer at Fr. Reginald Park at 4:30pm

MONSOON CONSULTANTS

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(805) 476-6168 www.monsoonconsultants.com

SAN MIGUEL COMMUNITY SERVICES DISTRICT
Rob Roberson, Interim General Manager
Post Office Box 180
San Miguel, CA 93451
(805) 467-3300

BOARD OF DIRECTORS
John Green, President
Larry Reuck, Vice President
Anthony Kalvans
Gib Buckman
Joseph Parent

Re: DISTRICT ENGINEER REPORT - NOVEMBER 2017

Gentlemen:

The following is a summary of the activities performed and the status of relevant issues which pertain to the duties and responsibilities of this position:

OVERVIEW

The District produced approximately 10.2 MGAL (13,581 CCF) of water during the month of September 2017. This represents a decrease of approximately 12.5% from the prior month. No major failures or unexpected major expenditures were encountered within the water, wastewater, or street lighting systems during the month.

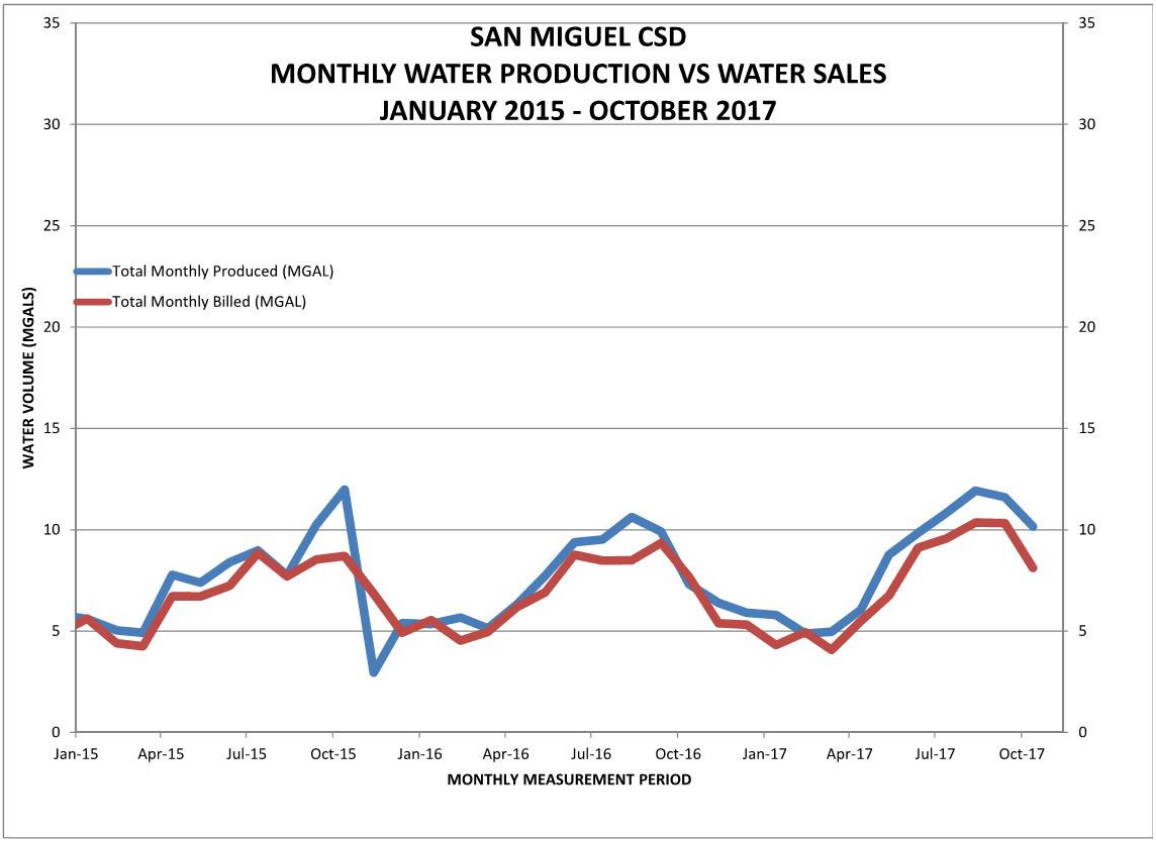
MEETING PARTICIPATION

A brief summary of relevant issues that were discussed during meetings attended by the DE during the previous month are summarized below. (Note that routine meetings with SMCSD staff are not included):

1. October 25, 2017: The DE and Utilities Director attending a meeting of the Paso Robles Groundwater Basin GSA Cooperative Committee in Paso Robles.

WATER PRODUCTION HISTORY

The following graph depicts the water production and sales for the proceeding 34-months.



CAPITAL IMPROVEMENT PROGRAM

The following is a summary of the principal activities that were related to the Capital Improvements Program during the previous month:

1. San Lawrence Terrace Arsenic Blending Pipeline & Tank Improvements: A contract to construct this project was executed in September by both the Contractor (Whitaker Construction Group, Inc.) and the District in the amount of $156,295. The Pre-Construction Meeting was held on October 10, 2017. Work on this project is expected to begin in late November 2017.

2. San Miguel Park / “L” Street Improvements: The County’s contractor (G Sosa Construction), continues to make progress. The widening of “L” Street is complete and open. “K” Street has been permanently closed at the park. The District Utility staff has completed the replacement of approximately 500-LF of existing 6” C.I. water main replacement within “K” Street in the area of the park. The new waterline will be tied into the existing distribution system when utility staff schedule permits.

3. Waterline Replacement on 11th Street & UPRR and 10th Street & Mission: The DE is in the process of preparing plans, specifications, bidding documents and

UPRR/Caltrans ROW encroachment permit applications for this project. The Utility Director and DE met with the surveyor in the field to walk the alignments and delineate the scope of the topographic survey that is required. Topographic surveying for the project should occur before the end of September. Pending receipt of the survey data, the DE anticipates completion of the project documents within 30-days.

4. Water / Wastewater System Master Plan Updates: The Water & Wastewater Masterplan Updates have been completed. The Board will consider the adoption of the final Masterplan updates under a subsequent agenda item.

DEVELOPMENT

The following is a summary of private development projects that are either in-progress or planned that staff is currently reviewing or inspecting during construction:

a) People's Self Help (Tract 2527, formerly Mission Garden Estates): The contractor continues the installation of the underground utilities. The majority of the sanitary sewer collection system has been installed and the contractor is well underway with the installation of the water distribution system.

b) People's Self Help (Tract 2710). This is a 24 Lot residential subdivision. Construction of water and sewer lines have been completed, tested and passed inspection. Homes are now under construction and they will be building in groups of 8 at once. The District is providing lateral inspections as needed. To date, more than 75% of the planned homes have been framed.

c) Tract 2779 (Nino - 34 lots) – The plans and construction documents have been reviewed and approved by the District. The project has reportedly received final approval by the County. Site work was initiated in October 2017.

GROUNDWATER SUSTAINABILITY AGENCY

The next meeting of the Paso Robles Groundwater Basin GSA Cooperative Committee was held in Paso Robles on December 6, 2017. Director Parent will attend as the District's committee member.

A RFP has been issued by the City of Paso Robles on behalf of the cooperative committee for professional engineering & hydrogeological services as required to prepare a Groundwater Sustainability Plan (GSP) for the Paso Robles Groundwater Basin. It is anticipated that proposals will be received on December 4, 2017 and will distributed to members of the cooperative committee for review.

An application to the DWR for grant funding for the preparation of the Paso Robles Groundwater Basin GSP is nearing completion and is expected to be submitted by the end of the month.

I would like to take this opportunity to thank each of you and District staff that will review the information contained in this report. If there are any questions or you wish to discuss, please do not hesitate to contact me.

Respectfully Submitted,

MONSOON CONSULTANTS

Blaine T. Reely

Blaine T. Reely, Ph.D., P.E.
President, Monsoon Consultants

November 9, 2017
Date

San Miguel Community Services District
Board of Directors Meeting

Staff Report

Nov 16th, 2017 **AGENDA ITEM: IX 10**

SUBJECT: Fire Chief Report for October 2017

STAFF RECOMMENDATION: Receive and File Monthly Reports for the Fire Department

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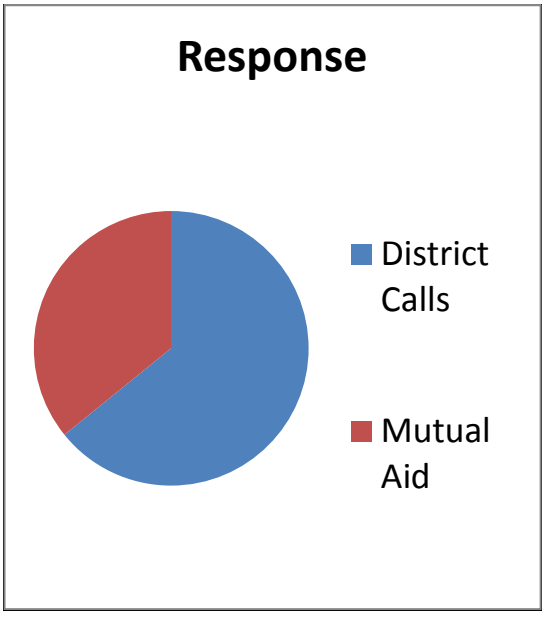
INCIDENT RESPONSE:

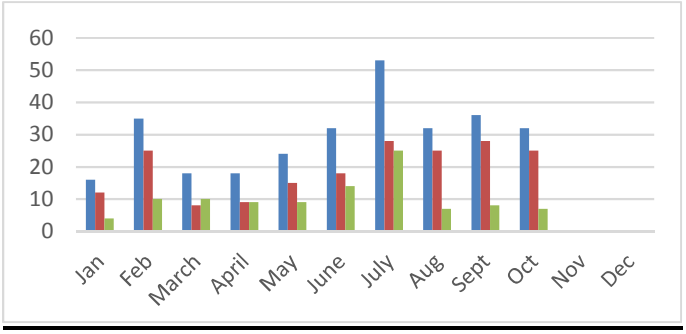
- Total Incidents for October 2017 **32**
- Average Calls for per Month in 2017 **29.6**
- Total calls for the year to date **296**

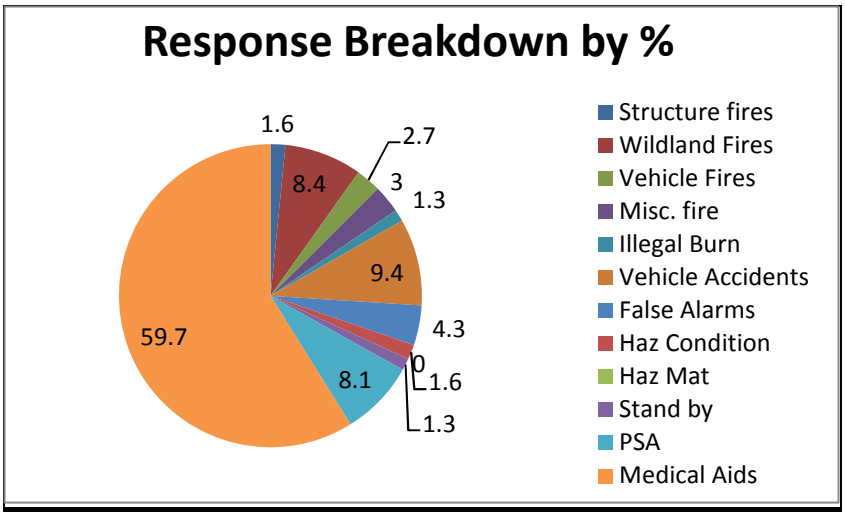
Emergency Response Man Hours in Oct = **75** 2017 total 829
Stand-By Man Hours for Oct = 38 378
Total hr. 1,207

Emergency Response Man Hours = **2.3 hr**. Per call for Sept **2.8 hr.** Per call for the year
Stand–By Average per Call = **1.2 hr.** Per call for, Sept **1.3 hr.** Per call for the year



	October	YTD
District calls	22 = **68%**	**190 = 64%**
Mutual aid calls	10 = **31%**	**106= 35.8%**
Assist Camp Roberts	**1**	**34**





For 296 calls for 10 Months in 2017

District Calls	64%
Mutual Aid	36 %
xxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
Structure fires	1.6%
Wildland Fires	8.4%
Vehicle Fires	2.7%
Misc. fire	3%
Illegal Burn	1.3%
Vehicle Accidents	9.4%
False Alarms	4.3%
Haz Condition	1.6%
Haz Mat	0%
Stand by	1.3%
PSA	8.1%
Medical Aids	59.7%

Personnel:

We currently have 20 active members.
2 Fire Captains
2 Engineers
10 Firefighters
5 Trainees

- ❖ Fire Captain Kyle Root resigned as a Fire Captain with the department after 8 years of dedicated. Kyle is moving out of the area but will still be responding to our district as a Camp Roberts Firefighter.

Equipment:

- New pickup for Fire Dept. has been purchased and is being equipped with Radios, Identification stickers, and emergency light package.
- SCBAs have been purchased and should be delivered in a few weeks.

Activities:

October

Date	Subject matter
3	Building Search for a victim/ TIC Training
10	Victim Rescue / Rescue Systems
17	Engine Company Operations
24	Association Meeting

November

Date	Subject matter
7	EMT Skill Assessments
14	Medical Scenarios Company Op's CPR/ MCI
21	Tour Court Side Cellars
22	Association Meeting
28	No Drill

Information:

Prepared By:
Rob Roberson

Rob Roberson, Fire Chief

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		TOTAL	
	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	District	Mutual Aid	**District**	**Mutual Aid**
Structure Fires	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	2	0	0	0	0	**2**	**3**
Veg. Fires	0	0	0	0	0	0	1	1	1	5	1	6	0	5	0	2	0	1	0	2	0	0	0	0	**3**	**22**
Vehicle Fires	0	0	1	0	0	1	0	0	1	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	**2**	**6**
Misc. Fires	2	0	0	0	1	0	1	0	0	0	0	0	1	0	3	0	0	0	1	0	0	0	0	0	**9**	**0**
Illegal Burning	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0	0	0	**4**	**0**
Vehicle Accidents	1	2	2	2	0	3	2	1	0	2	1	3	0	3	0	0	1	2	0	1	0	0	0	0	**7**	**21**
False Alarms	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2	0	3	0	1	2	0	0	0	0	**9**	**4**
Hazardous Condition	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	**4**	**1**
Hazardous Materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
Standby	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	**4**	**0**
Pub.Svc.Asst.	0	0	3	0	0	1	0	1	5	0	2	0	2	0	3	0	4	0	3	0	0	0	0	0	**22**	**2**
Medical Aids	9	2	16	8	6	5	4	6	7	1	14	2	19	17	16	4	18	5	15	3	0	0	0	0	**124**	**53**
Call TOTALS	12	4	25	10	8	10	9	9	15	9	18	14	28	25	25	7	28	8	22	10	0	0	0	0	**190**	**106**
	16		**35**		**18**		**18**		**24**		**32**		**53**		**32**		**36**		**32**		**0**		**0**		**296**	
CPR	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Mutual Aid SLO/Mon.	*4*	*0*	*8*	*2*	*10*	*0*	*9*	*0*	*8*	*1*	*14*	*0*	*24*	*1*	*6*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0	0	***87***	
Camp Bob Asst.	*1*		*1*		*3*		*2*		*3*		*5*		*16*		*2*		*0*		*0*		*0*		0		***33***	
Average Calls Per	*Month*		22.2	*Day*	*0.9*		*SLO Co. MA*				***83***		*Montrey Co. MA*				***4***		***CPR TOTAL***						***0***	

FIRE EQUIPMENT

2017 MILEAGE / FUEL REPORT

Mileage/ Fuel	January		February		March		April		May		June		Total		Avg. MPG
Diesel	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	
E-8696	9	0	64	21.4	46	0	94	21	23	0	63	17.5	299	59.9	5.0
E-8687	0	0	15	0	15	20	82	16.1	142	19	338	64.1	592	119.2	5.0
E-8668	68	0	44	14.6	11	0	15	0	74	0	12	0	224	14.6	15.3
										6 Month Total			**1115**	**193.7**	5.8
Gas	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	
U-8630	647	37	300	10	388	45	191	22	156	11	176	28.54	1858	153.5	12.1
C-8600	694	26.4	466	29.6	135	19	616	20.7	600	46	673	59.5	3184	201.2	15.8
										6 Month Total			**5042**	**354.7**	14.2

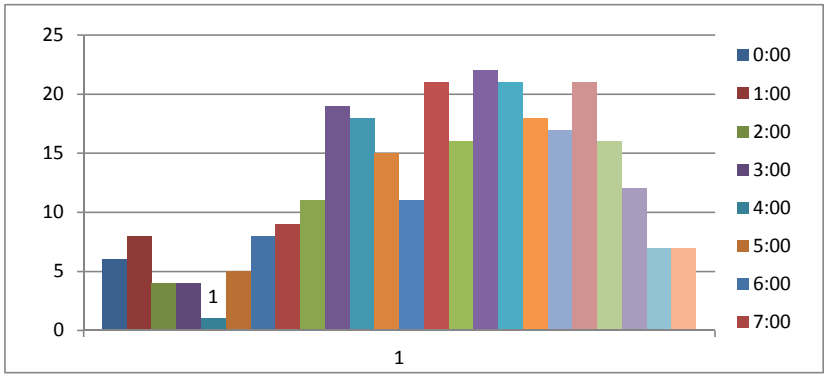
Mileage / Fuel	July		August		September		October		November		December		Total		Avg. MPG
Diesel	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	
E-8696	9	15	75	0	20	11	1240	248					1643	333.9	5.0
E-8687	328	30.5	70	17	173	20	87	17					1250	203.7	5.6
E-8668	3	11	13	9	103	0	22	10					365	44.6	11.8
										6 Month Total			**3258**	**582.2**	5.6
Gas	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	mi.	gal.	
U-8630	587	72	572	53	602	60	1087	88.4					4706	426.9	11.6
C-8600	209	51	510	22	537	53	511	31					4951	358.2	14.8
										6 Month Total			**9657**	**785.1**	12.3

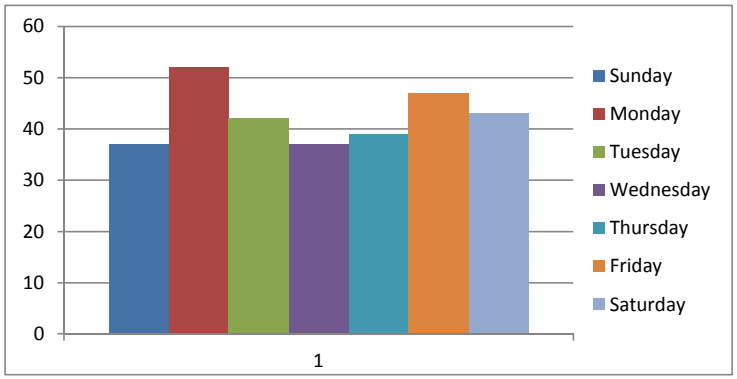
YTD 2016 Total	mi.	gal.	Avg. MPG
Diesel	**4373**	**775.9**	**5.6**
Gas	**14699**	**1140**	**12.9**

Call per time of day and day of the week 2017

	After Hours							CSD Work Hours								Off Hours										
	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total	
Sunday	0	1	2	2	1	0	2	0	2	4	5	2	0	1	0	1	4	4	2	1	1	1	0	1	37	10%
Monday	0	2	2	0	0	2	2	2	0	1	3	3	2	9	2	5	2	4	4	2	2	2	1	0	52	20%
Tuesday	3	1	0	0	0	1	1	2	0	4	1	2	1	5	5	4	1	1	1	3	2	2	1	1	42	16%
Wednesday	0	2	0	1	0	2	2	0	3	2	3	0	2	1	3	2	1	1	3	2	2	2	2	1	37	14%
Thursday	0	2	0	0	0	0	0	1	4	1	1	3	2	1	2	2	4	4	2	4	4	2	0	0	39	12%
Friday	1	0	0	1	0	0	0	3	2	3	2	4	3	2	3	4	4	2	2	6	1	0	1	3	47	16%
Saturday	2	0	0	0	0	0	1	1	0	4	3	1	1	2	1	4	5	2	3	3	4	3	2	1	43	12%
Hour Total	6	8	4	4	1	5	8	9	11	19	18	15	11	21	16	22	21	18	17	21	16	12	7	7	297	
	1%	3%	2%	1%	0%	2%	2%	4%	3%	5%	6%	3%	2%	9%	4%	10%	6%	6%	4%	8%	3%	4%	2%	2%		

Total calls during CSD Work Hours	110	38%
Total calls during Off time and weekends	187	62%
After Hours calls 22:00 to 06:00	42	16%
Total Weekend Calls	80	22%
Total Calls Monday thru Friday	217	77%





SAN MIGUEL COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS
August 9, 2017 SPECIAL MEETING MINUTES

MEETING HELD AT DISTRICT OFFICES
1150 MISSION STREET
SAN MIGUEL, CA 93451

I. Meeting Called to Order by President Kalvans – 7:03 p.m.

II. Pledge of Allegiance lead by President Kalvans.

III. Roll Call: Directors Present: Buckman, Kalvans, Reuck, and Parent.

Director Green Absent

District Staff in attendance: Rob Roberson,Kelly Dodds, And Tamara Parent

IV. Adoption of Special Meeting Agenda:
Motion by Director Reuck to adopt Special Meeting Agenda as presented.
Seconded by Director Buckman Motion was approved by vote of 4 AYES and 0 NOES 1 ABSENT.

V. Public Comment and Communications (for items not on the agenda):
No public comment.

VI.

VII. BOARD ACTION ITEMS:

1. **DISCUSS STATUS OF PUBLIC SAFETY IN THE COMMUNITY OF SAN MIGUEL WITH REGARDS TO CRIME**

Item presented by President Kalvans, explaining that the background is San Miguel has recently been hit by crime from residential & commercial burglary to gun shots. Residents have asked that more be done to protect and calls for a Sheriff substation. This meeting had been called to further discuss this matter. Attached "Crime Statistics", "Examples around the state" and "LAFCO Activation Powers". (attachments on file)

Commander Ken Conway spoke about "Crime Statistics" and that he would be going to speak at the "Neighborhood Watch" meeting on August 14, 2017. Mr. Conway explained that it is important to call and report on suspicions things in the community. "See Something, Say Something."

President Kalvans Presented a PowerPoint (attachment on file)

Discussion ensued with Commander Conway with points made about needing more lighting in the alleys, youth activities, and a need for a Sherriff substation.
President Kalvans spoke about different C.S.D throughout California, he has personally met with different C.S.D's, General Manager's, and Directors. Director Kalvans talked about Pebble Beach C.S.D, Rosamond C.S.D, and Bear Valley Springs C.S.D. Director Kalvans talked about funding through Grants, USDA loans and Bonds.

Commander Conway explained that the cost to the San Miguel C.S.D for a Deputy would be around $260,000.00 yr. and that Morro Bay, Nipomo and Grover Beach have tried to have their own deputy and found out that they could not afford.

Public Comments: Mike Sanders asked Commander Conway if the Sherriff department related the action in town to how many Sheriff we get patrolling San Miguel. Referencing Templeton and asking if we are doing better the them. Mr. Conway explained that Templeton has the Substation and that does keep criminals away because of the visual deterrent.
Nathen Dawes explains that the Sherriff department has a wonderful page to find out where the call goes out to and looking at it, he feels that San Miguel has a lot of Sherriff present. Discussion ensued between Public and Commander Conway.

David Church, LAFCO executive officer was introduced by Director Kalvans. Mr. Church handed out "Activation Powers for C.S.D" and "Examples Around State" explaining the Government Code 61100 and the CSDs Power and Authorities. Mr. Church talked about what the District would need to do to activate these latent powers. Funding is important to prove before LAFCO will activate those latent powers.

Public Comments: Ashley Sangster, resident of San Miguel asked David Church about the structure of LAFCO and what it's cost is to San Miguel. David Church from LAFCO explained.
Pat R. resident of San Miguel who lives between 13th & 14th explained that she has put up motion lights and that has seemed to help.
Beau Garcia spoke about his cameras and talks with sheriff anytime he has a problem. Mr. Garcia highly recommends that the community get cameras.
Susan Johnson, Resident of San Miguel asked if the churches could get involved with these at-risk kids, explaining that the town needs youth programs.
Cyndi Vance, resident of San Miguel explained that she has seen "Drones", and she explained that cameras are essential to keep sheriff up to date, and needs the community to be aware that criminals are using these drones to tell if you are home. Camp Roberts is a no-fly zone. Discuss ensued.
Board Comment: Director Kalvans explained that his property has been broken into and wants the community to know that he understands their frustrations.
Director Parent thanked the community for coming, explained that he doesn't see a reason to get our own sheriff, and with the LAFCO issues he doesn't feel that the community needs more Bonds on their taxes but would like to hear from the community and he invites the audience to attend the Regular CSD Board Meeting at the end of the

month so they understand the issues that the CSD is dealing with because the districts purview is water, wastewater, fire and lighting.
Director Reuck thanked the audience for coming out tonight and explained that he too has cameras and it has helped. The deputies have put up the Sheriff camera in the center of town. Commander Conway explains that it is a live feed to the Sherriff department and that the community dos not have access for privacy reasons.
Director Buckman asked about the organization of the Neighborhood Watch, and what they might need from the board. Director Buckman does not think this is an appropriate time for the CSD to start taking on policing. Nathen Dawes explains when and where the meeting will be held. Discussion ensued about the Facebook Neighborhood watch site.
Director Kalvans, thanked the audience for coming out and asked for more street light by his house, asking David Church about incorporating the community from a CSD to a City. Mr. Church from LAFCO explained that it is all about funding and that must be in-order before the CSD can start looking at incorporating. Discussion ensued.
Director Kalvans voices that he wants the community to be safe and that to become a city will give the District more power for decisions on land use and would like to take away that power from the bureaucrats at the city of San Luis Obispo. Kalvans personally would like to see more streetlight and a new administration building, and more youth activities.
Director Parent asked Nathen Dawes if John Perscong was scheduled to attend the Neighborhood watch meeting being held at Lillian Larsen School? Nathen explained that Yes, he was.
Director Parent advised the audience to attend that meeting and explained that John Perschong would be the man to talk to about getting funding for the Sherriff Department.
Director Parent asked why this was brought up with only four members of the board present.
Public Comments: Alicia Krouse, Resident of San Miguel spoke about the after-school programs for the youth at Lillian Larsen school.
Pat R. asked Commander Conway if it was illegal to knowingly rent to drug dealers or gang members. Conway explained that it is all relative on the circumstance. Explaining that the Sherriff's department work with the Housing Authority.
Discussion Ensued.
Karen Montgomery, San Miguel Resident asked about the statues of the Skate Park.
Board Comment: Director Kalvans explained that the district was offered property for 3k and doesn't know why it wasn't ever done. Director Kalvans explained that he feels that the community needs to do something for the kids. He would like to push this issue and that is why he called for this meeting.
Director Kalvans asked about street lights and he asked that pricing be brought back to the board.
Director Parent Agreed, asking for the "Neighborhood Watch" to let the Board know where the need is in the community.
Staff Report on prices will be brought back at next meeting.
Public Comment: Beau Garcia asked Commander Conway about the speeding Motorcycles. Commander Conway explained that the CHP would be the ones to call.

VIII. Board Comment: Director Kalvans asked about the money for the Skate Park and asked that the District proceed with the Park.
Director Rueck, explained that the money is the Firefighters Association.
Director Parent explained that the community needs to direct their frustrations at the SLO County Board of Supervisors, they hold the purse strings. Commander Conway explained that the sheriffs need more personnel and funding to be more involved in the schools.
Director Kalvans asked the Board to Motion to start process of building an administration building, explaining that the item was passed in the budget.
Directors asked for clarification and no motion was made.

IX. Adjournment at 8:38 P.M.

SAN MIGUEL COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS
August 31, 2017 SPECIAL MEETING MINUTES

MEETING HELD AT DISTRICT OFFICES
1150 MISSION STREET
SAN MIGUEL, CA 93451

I. Meeting Called to Order by President Kalvans – 6:00 p.m.

II. Pledge of Allegiance lead by President Kalvans.

III. Roll Call: Directors Present: Buckman, Green, Kalvans, Reuck, and Parent.

District Staff in attendance: Rob Roberson, Tamara Parent, Kelly Dodds, District General Counsel Schweikert,

IV. Adoption of Special Meeting Agenda:
Motion by Director Green to adopt Special Meeting Agenda as presented.
Seconded by Director Buckman Motion was approved by vote of 4 AYES and 0 NOES and 1 ABSENT

V. Public Comment and Communications (for items not on the agenda):
No public comment.

VI. ADJOURN TO CLOSED SESSION:
Closed Session convened at 6:01 p.m.

A. CLOSED SESSION AGENDA:

1. **CONFERENCE WITH LABOR AGREEMENT NEGOTIATORS**
Pursuant to Government Code Section 54957.6
Agency Designated Representatives: District General Counsel, President Kalvans and Director Green
Unrepresented Bargaining Units: Non-Management Non-Confidential unit and the Non-Management Confidential unit
Title: Memorandum of Understanding Negotiations with the unrepresented bargaining units

2. **CONFERENCE WITH DISTRICT GENERAL COUNSEL**
Anticipated Litigation Pursuant to Government Code Section 54956.7 (2) (d) (1 case)
Title: District General Counsel

B. RECONVENE TO OPEN SESSION President Kalvans reconvened to Open Session at 7:02 p.m.

C. REPORT OUT OF CLOSED SESSION
Report out of Closed Session by District General Counsel.

VII. Call to Order for Regular Board Meeting @7:02 P.M.

VIII. Public Comment and Communications:
No public comment.

VIII. CONSENT ITEMS

IX. STAFF & COMMITTEE REPORTS:

1. San Luis Obispo County Sheriff — No Report
2. San Luis Obispo County Board of Supervisors — No Report
3. San Luis Obispo County Planning and/or Public Works — No Report
4. San Miguel Area Advisory Council — No Report
5. **Camp Roberts—Army National Guard (Col. Nicole Balliet):** Written Report with Camp Roberts decreasing troops in August and September. No Controlled burns planned. Air Operations should remain steady with aircraft flying into Camp Roberts from both Northern and Southern California as well as the valley.
   Public Comment:
6. **Interim General Manager:** Verbal Report updated the Board of Directors the District personnel have been focusing on the Financials, and are making progress. Audit will be coming forward soon. Interim General Manager/Fire Chief informed the Board that he would like to hire an Account Clerk I and she will start on September 5th, and is asking the Boards approval for this hire in the Consent Agenda. Property acquisition for the "N" Street property, the County is aware that the District is interested and the property and the County has agreed to the District taking possession and is in the process of doing the paper work. Rate Study and Water and Wastewater Master plan are moving forward. Allen from Local IT experts is looking at the capabilities for more cameras in the District office. General Manager/Fire Chief asked for a Special Meeting to discuss Financials with the whole Board of Directors, Meeting date TBD.
   Board Comments: None
   Public Comments: None
7. **District General Counsel:** Presented by Counsel Karl Schweikert. ChurchwellWhite has been working on Financial matters for the district.
   Board Comments: None
   Public Comments: None
8. **District Engineer:** Written report submitted as is. Blaine Reely
   Board Comments: Director Parent asked about Water and Wastewater Master Plans**.** District Engineer explained that he would have the Draft to the Board by next board meeting if everything goes as planned.

Director Kalvans thanked Blaine for his report, they discussed the SLT and recharge of local water basin. Kalvans will be watching how this trends because of the new wineries in the area.

Public Comments: Richard Smithen, resident of San Miguel aske Dr. Reely to start spelling out some of the acronyms in his report for better understanding. Dr. Reely had no problems changing that, and thanks Mr. Smithen for his input.

9. **Director of Utilities**: Presented by Kelly Dodds. The District has received the new Well sounder and will have a more accurate reading. Director of Utilities Dodds has noticed that Well #3 has not been keeping up with demand and have an application in for a study for a new well site. Meeting on 15th with PG&E regarding aeration and everything is moving forward. Tract 2779, on 12th Street has had their preconstruction meeting and will be moving forward. Regards to Lighting, we have some issues with Jazzy Town and that is being all worked out and the billing will be cleaned up with discounts for LED lights.
   Board Comments: Director Parent asked if Well #3 is at compacity for well casing, Director of Utilities Dodds explained that we are at max draw.
   Director Klavans asked when that project was scheduled to be done? Two years. Kalvans asked for Dodds opinion on where the best new well site would be. Dodds explained that is what the study is for and discussion ensued.
   Public Comments: None
10. **Fire Chief:** Written report submitted with discussion about large number of calls in 2017, and we have 7 new VFF candidates. Interim General Manager/Fire chief Rob Roberson informed the Directors that he had brought on a Safety Officer, Jason Taylor he will be doing fire prevention and coverage. Vehicle 8668 has had the Pump replaced for $2,300. SRA fire fees have been suspended until 2032 due to litigation bill 8398.
    Board Comments: President Kalvans asked about the chart on why we get more calls after five, Interim General Manager/Fire chief Rob Roberson explained that is because people are home from work. President Kalvans thanked Chief for the reports.
    Public Comment: None
11. **Bookkeeper:** Paola Freeman introduced by Rob Roberson Interim General Manager explaining that the reports that will be brought to the Board in the future. Paola asked for input and explained that a Payroll Report will be in next packet.
    Board Comments: None
    Public Comments: None

X. CONSENT ITEMS:

President Kalvans pulled Item number 1 for discussion

1. Voted on item number two

Motion by Director Parent to approve Consent Item number one Confirming Interim General Mangers appointment for Account Clerk I.

Seconded by Director Green. Motion was approved by vote of 4 AYES and 0 NOES and 1 ABSENT.

2. Review, Receive and File the Enumeration of Claims Report for July 2017, President Kalvans asked about the 90k in the Lighting fund. He would like to know where the

rest of the money went. Utilities Director explained that lighting was paying for Lawyers and that is for this fiscal year. Interim General Manager/Fire chief Rob Roberson remind the Board that he will be bringing a special Financial Meeting. Director Buckman asked if President Kalvans was asking if all the funds have been paid back, and he reminded Kalvans that yes, that has all been done. President Kalavns thanks the staff for the financial reports.

Motion by President Kalvans to Review, Receive and File the Enumeration of Claims Report for July 2017.

Seconded by Director Green. Motion was approved by Vote of 4 AYES and 0 NOES and 1 ABSENT.

XI.

1. **Review proposed Amendments to the FY 2017-44 Operational and Capital Budgets and approve RESOLUTION No 2017-44 adopting amendments to the budget**

Item presented by Interim General Manager Rob Roberson

Item Tabled do to Scheduling conflict

Board Comments: Director Parent asked for clarification about the dates of the email from Joan asking for extension also, asked about items for purchase on this agenda and is hesitant to approve anything. Director Green agreed.
Public Comments: Lavern Buckman, Resident of San Miguel. She is very disappointed that the promises that Joan made.

2. **Review and Discuss Status Report on Connection Fees, Fire Impact Fees and OES reimbursement funds**

Item presented by General Manager Rob Roberson, explaining that Utilities Director Kelly Dodds and Bookkeeper Paola Freeman. Kelly Dodds explains the difference between Restricted Funds and Operation Funds.

Board Comment: Director Buckman asked about water and wastewater connection fees and if that money can be used for vehicles repairs? Kelly Dodds explained that the connection fees cannot be used for vehicle repairs but can be used for new vehicles. Connections fees are collected for general improvement of the District. Interim General Manager explained that we are waiting for the Audit from Moss-Levy, to be done so we can move the funds that we have identified to the proper places.
Director Green asked about the estimated total, can it be seen in the bank. Paola Freeman explains that the money is in the bank, but it doesn't match Black Mountain and that is what we are working toward. Interim General Manager explained that the fund in the bank are always changing and that we have all documentation.
Director Buckman asked about the Lighting and Connection Fees.

Staff Comment: Utilities Director Kelly Dodds explains that Lighting only gets Property Tax money. Discussion ensued Mr. Dodds updated Board on the Capital Reserve Accounts. Staff is working of deciphering the Transfers in and out if this account. Utilities Director went through written report updating the Board that what they had asked to be done in these accounts did not happen correctly and is being worked on. (Attachment on file)

Board Comment: Director Buckman would like to make sure USDA account is up to date**.** Mr. Dodds reassured Director that the loan payment and account has been looked at and the funds are in account and will stay there per loan agreement**.**

Director Parent asked that the District look into the investment account and worries about the investments.

President Kalvans asked about QuickBooks and remembers that reports being produced showing banks, and would like to know if they report are ever going to be correct. He is worried that money has been taken out of lighting to pay for legal fees.

Staff Comment: Director of Utilities Kelly Dodds reminds President Kalavns that the Board did authorize $165,000 out of Capital Reserves to pay legal fees. Mr. Kalvans would like to see that money payed back to the funds.

Board Comment: President Kalvans would like to look back at the Mission Heights and Mission Meadows connection fees and where that money went to.

Counsel Schweikert was asked if Capital/Restricted Money could be used for Legal fees by Director Kalvans. Counsel, Mr. Schweikert replied that was a question for Joan Aguilar, Financial Consultant.

Staff Comment: Interim General Manager explained that per. Policy the District will be making full resolutions if any money is borrowed from any other funds with information on payback of those funds. Interim General Manager updates the Board that we can't keep going back.

Board Comment: Director Parent asked for clarification about the funds of 169k for legal that were approved by the board if that was done in a resolution and if they have a payback plan. Director Parent also, asked if Dollar General Connection Fees are floating around in the General fund.

Staff Comment: Interim General Manager, explains that yes there is a resolution for the legal fees but with no payback plan. The Dollar General money is in General fund and will need to be moved to correct account after Audit. Discussion Ensued, about what staff is doing to improve this process with monies being allocated to the correct funds.

Board Comment: Director Kalvans asked about the fees and the amounts the District charges. He would like to know why the Water Connection fees in the presentation are lower the Sewer Connection fees.

Staff Comment: Director of Utilities Kelly updates the Board on the collected fee amounts. Single Family Residence fees are $9490 waster $8332 sewer**.** The Water Connection fees this last year are lower than the Wastewater Connection Fees because some construction was done on existing lots that already had Water and Wastewater Service. Example being the Dollar General and Jazzy Town. Discussion Ensued.

Public Comments: Mr. Smithen asked about Jazzy Town and if that development was has fire sprinklers in the house. Director of Utilities/Asst. Fire Chief Kelly Dodds responded that, yes. Mr. Smithen would clarification on who would be liable if the water system fails and a residence burns down. Discussion ensued, about why the water service might be off.
Board Comment: Discussion about bringing back internal procedure policies

No Motion, Discussion item only

3. **Review and approve RESOLUTION 2017-45 authorizing the Interim General Manager to issue notice of contract award and execute an agreement with Whitaker Construction for construction of the SLT Arsenic Blending Line (a CDBG project) to in the amount of $156,295.00**

Item presented by District Engineer Blain Reely. The District received two bids for this project low bidder being Whitaker Construction at $156,295.00. The project is partially funded by a CBDG grant $150,000, but explained there will be some more cost estimating around $12,000.

Staff Comment: Kelly Dodds believes it takes an enormous effort to put the committees together and a lot of good comes from them, but agrees with suspension.
Board Comment: Director Green asked about where the water line would be exactly, and how this would help with blending. Director of Utilities explains where and how the blending will be and how it works more efficiently.
Director Parent asked if this project will keep us compliant or will we have to start treating the arsenic. Mr. Dodds updates directors on the conversation with the Water Board that they will be happy if the numbers stay low and maintain levels.
Director Buckman asked if the Contractor understands that this is a GBDG funded grant, and what that entails on their part with paperwork. Dr, Reely explained that it is in the contract and they have been working closely with the County.
Director Kalvans would like to know if the Districts Director of Utilities will be checking on this project daily. Mr. Dodds reassures the Board that it will be part of his daily duties.
Public Comments: Richard Smithen, Resident is concerned about putting more money into the SLT Well and would like to see the money being used to find a new well. Discussion ensued.
Board Comment: Director Green informed the public that the Water and Wastewater Master plan will have more info and will be brought to the board in the next few months.

Motion by Director Green to adopt Resolution No. 2017-45 authorizing the Interim General Manager to issue notice of contract award and execute an agreement with Whitaker Construction for construction of the SLT Arsenic Blending Line (a CDBG project) to in the amount of $156,295.00

Seconded by Director Parent. Motion was approved by Vote of 4 AYES and 0 NOES and 1 ABSENT.

Director Green would like to direct staff to look at options for a new well on the SLT.

4. **Review and approve RESOLUTION 2017-46 authorizing the Director of Utilities to purchase two utility trucks, one for the Fire Department not to exceed $46,000 paid from Fire Impact fees and one for Utilities not to exceed $70,000 to be paid from water and wastewater Capital Reserves**

Item presented by Director of Utilities/Asst. Fire Chief Kelly Dodds.

Board Comment: Director Green asked about plans for 8601. The Fire Department has decided to keep the vehicle for the Fire Safety Officer, or additional coverage. Director Green would like to wait on the Water/Sewer Utility vehicle, until budget is done.
Director Buckman remembers asking if our current Utilities vehicle could put the trailer, with staff telling him it could.
Staff Comment: Director of Utilities Kelly Dodds explains that all of the money will be coming from Fire and Water restricted funds.
Board Comment Director Parent voiced that he understood the need but would like to wait for the budget and a better accounting of not just the restricted funds.
President Kalvans asked why would only be looking at new vehicles.
Discussion ensued about use of Fire Utility vehicle.
Public Comments: No public comment.

Motion by Director Parent to adopt RESOLUTION 2017-46 authorizing the Director of Utilities to purchase two utility trucks, one for the Fire Department not to exceed $46,000 paid from Fire Impact fees and one for Utilities not to exceed $70,000 to be paid from water and wastewater Capital Reserves

No Seconded. Motion Fails

Discussion ensued

Motion by Director Green to adopt RESOLUTION 2017-46 authorizing the Director of Utilities to purchase *one for the Fire Department not to exceed $46,000 paid from Fire Impact fees*

Seconded by Director Buckman. Motion was approved by vote of 5 AYES and 0 NOES and 1 ABSENT.

Director Green asked for the staff to bring back Water Utilities Vehicle

5. **Review and approve resolution 2017-43 approving a contract with Mike Roach Electric for the installation of a standby generator and transfer switch at the fire station at a cost not to exceed $25,629 to be paid from Fire impact fees, Water and Wastewater capital reserves**

   Item presented by Director of Utilities, Kelly Dodds.

   Board Comment: Director Green asked for clarification about the permanent generator. Director Parent asked about funding, asking about the percentage each fund would be paying.
   Staff Comment: Kelly Dodds explained that the percentages would be 16.5% Fire, 3% Lighting, 40% Water, 0% Sewer, and .5% Solid Waste.
   Board Comment: President Kalvans asked about the solar energy and it was explained that the cost is too great. It is to new of product explained Mr. Dodds. Discussion ensued about future building.
   Public Comments: No public comment

   Motion by Director Green to adopt Resolution No. 2017-43 to cost 32% each department lighting 4% out of Capital Reserve Account

   Seconded by Director Parent. Motion was approved by vote of 5 AYES and 0 NOES.

6. **Review and Discuss Street Lighting with in the San Miguel District boundaries**

   Item presented by Director of Utilities Kelly Dodds updating the Board of directors that we pay estimated $23.00 per street light, per month. The District is paying for 93 Street Lights.

   President Kalvans call for recess @ 9:26 P.M., Majority of Board agreed.
   Call to Order @ 9:32 P.M.

   Director of Utilities continues with update to Lighting in San Miguel, explaining that the cost is up a little from last year. The District works with PG& E. 93k is estimated Revenue for the next Fascial Year. PG&E estimates getting street light $500.00 if it is on a wooden pole and there is 220v power. If the street light needs a pole it $5 k to 10k each, that is for overhead service. Underground would be 50k to 60k each. The District would like to hear from the community on where they would like to see lights throughout town.
   Board Comment: Director Green voiced that he would like to keep the lighting in town not on the San Lawrence Terrace.
   President Kalvans provided a list that he has researched through town.
   Discussion ensued, about different street lights and locations.

Director Parent asked staff to bring back cost for the list that the Community and President Kalvans researched, and start with easy ones.
Staff Comment: Mr. Dodds explained that it would be easy to bring as a package deal to PG& E. They may give a reduced rate.
Public Comments: Nanette Negrete, San Miguel Resident presented a letter to the Board that was handed out during meeting (attachment on file). Mrs. Negrete explained that Mr. Kalvans list is too many and it's every other pole.
Interim General Manager/Fire Chief Rob Roberson asked Board to approve the reading of Mrs. Negrete's letter.
Board direction was to give her the 3 minutes allotted.
Mrs. Negrete read a load her letter, voicing her disappointment with the Board and lighting has been very slow and was very unhappy with Board President Kalvans and him calling Special Meeting on August 9th, 2017.
Board Comment: Director Kalvans addressed Mrs. Negrete informing her that he picked the date of the Special Meeting because it worked for the rest of the Board of Directors. He feels that the Meeting went well and he will stand by that. Voicing that he has no agenda.
Director Green Calls Point of Order.
Director Kalvans brought forward proposal for street lighting and would like to see streetlights in the ally.
Staff will bring back pricing on the list of potential new street light locations

No Motion, Discussion item only

7. **Review and discuss of the proposed San Miguel Community Services District Board Members' Handbook, By-Laws**

Presented by Counsel Seikaly, Updating the Board and explained that she has outlined in the staff report the question and concerns the Directors had brought up for changes. She changed a few things if the change had legal merit.
Board Comment: Director Buckman asked about page 7, and that the Board discussed having one-hundred-dollar stipend for the Regular District Meeting not for each meeting. Counsel Seikaly, will have that changed.
Director Green would like a hard copy to look over after changes have been made.
Counsel Seikaly would like to see this Item come back to the Board next month for approval and explained that she would like to have Directors email her directly with changes that they would like to see.
Director Parent feels the changes are minor and long overdue
President Kalvans wants to make sure Director Reuck get a change to voice any changes he might see.
Public Comments: Laverne Buckman, had a question about getting a redline version, and would like to see when thinks are changed.
Counsel Schweikert explained that this Handbook had been to committee a few times.

No Motion, Discussion item only

8. **Discussion on Board member conduct and authority to act on behalf of entire Board of Directors**

Item presented by Interim General Manager, explaining that have happened in the community and that things have been taken out of context. The community has come to the District asking about policing and at the last meeting the board discussed this item and come to the majority dissection that it was not part of the District purview. Director Parent has asked to have this item put on the Agenda and had a few comments.
Board Comment: Director Parent**,** explained that he had asked for this item because he has had community members ask him about comments made on Local T.V and Facebook. Director Parent expresses his feeling that the last nine months there has been lack of direction and with President Kalvans being habitually late to Board Meetings. Director Parent feels that President Kalvans is violating the Board By-Laws and confusing the community on the purview of the District.
Director Parent believes that these events have been a violation of not only social media, but also Board Member conduct policies.
Director Parent, askes for President Kalvans to resign his position, voicing his opinion of no confidence in Director Kalvans Presidency.
Director Green explained that there should never have been a Special Meeting called for something that is not in the Districts purview, Water, Sewer, Fire, and Lighting.
Director Green stated that in Director Kalvans previous term as Board President he appeared on a radio program and voiced his personal opinion as if it was the opinion of the whole Board of Directors.
Director Green, asked President Kalvans why he would think the District could pay for Landscaping through the Lighting Fund.
President Kalvans spoke of his training at the CSDA conference. Calling Director Green's knowledge of government procedure into question.
Discussion Ensued, about Landscaping and Lighting. Director Green gave out pasted staff reports to the Board for review. (Attachment on file)
President Kalvans explains that he has read Government Code and it states that lighting funds can be used for landscaping as well. He continues and voices that he is a resident of the community and can voice his own opinion.
Director Parent explains that all though he is a member of this community he has an obligation to the Board as President and has made no attempt to delineate between the two.
President Kalvans, reminds Director Parent that he is in charge of the meeting and that asking for a vote of no confidence is not on the agenda and could not have any action taken.
Director Parent request that the staff add the item to the next Meeting Agenda.

Director Green Quotes President Kalvans Facebook post stating that he is "The District Board President".
Director Parent states that District policy is to direct the public to the district website for information.
Director Kalvans states that he has the Right to a call a Special Meeting.
Director Green feels that the content to the Meeting was not even in the purview of the District.
Director Parent, brought into question comments that President Kalvans had visited other districts as a Board President without authorization of the Board.
President Kalvans explains that he has been to CSDA conferences and state that he will remain in his Presidency for the remainder of its term.
Director Green requested Counsel for Direction.
Counsel Schweikert explained that he would need to look into what would need to be done to remove Director Kalvans as Board Presidenc. Counsel feels that it is appropriate for Director Parent to ask for item to be placed on next agenda and would have direction for that meeting.
Director Green asked if General Counsel knew about the meeting that President Kalvans called.
Counsel Schweikert responded that they did know about the meeting and inquired about attendance and that they were not needed at that meeting. Expressing that they thought the discussion was more about street lighting.
Director Green reads aloud President Kalvans Facebook post about no substation, no youth activities, stating the use of staff time was inappropriate for these matters. (Attachment on file)
President Kalvans stands by calling a Special Meeting about Policing.
Director Green ask that President Kalvans stay off social media with District business.
Director Parent reads section out of the "Board Handbook 2014", pertaining to decisions being made as a body not individually. Director Parent reminded the Board that the head of LAFCO, David Church was at the August 9th Special Meeting, asking if President Kalvans had directed staff to ask him to be here. Mr. Church presented to the Board about things that are not even in the Districts prevue. Director Parent reads aloud Facebook post from President Kalvans about declaring war on gang members and has put the District and the rest of the Board in danger.
President Kalvans states that it is his opinion and has had a break-in to his house, and stands by his statments at that meeting.
Director Parent feels that the meeting was called to move forward personal agendas when the Board was not at full strength.
President Kalvans does not agree.
Director Buckman feels that President Kalvans has directly insulted him by stating that the Directors don't stick up for this community. Director Buckman reminds President Kalvans of the Criminals he has helped catch.
President Kalvans states that he stands by his opinion, and the discussion will continue at the next Board Meeting. Stating that he will remain as Board President for his term.

Discussion Ensued
Public Comment: Laverne Buckman, San Miguel Resident feels that President Kalvans need to be censored and had an obligation to speak for the Board as a whole.
Nanette Negrete, San Miguel Resident spoke of the Brown Act.

No Motion, Discussion item only

9. Review and Discussion on iPad Pro use by Directors

Item Presented by Interim General Manager, explaining that the District purchased six (6) iPadPro for $839.00 each for a total $4167.89.
Board Comment: Director Green asked if the iPads where refurbished. Yes. Director Green likes his device.
Director Parent would like a Laptop, and will use his Board Stipend money if needed.
Director Kalvans prefers a Laptop
Director Buckman likes paper and will continue using that.
Staff Comment: Tamara Parent Updates Board about Office 365. Utilities Director explained a few different options. General Counsel explained that personal emails can be Public Record requested. Discussion ensued about District email. Fire Chief Rob Roberson, said he would be able to use one for CPR. Staff askes Directors to return the iPad if they are not using it.
Public Comment: Laverne Buckman feels that the board should not spend money replacing the iPads.

No Motion, Discussion item only

XII. BOARD COMMENT

Director Green asked about the Chipping program and Fire Chief Rob Roberson explains that it is a Firefighter Association program. Director Green feels that the District should have a place for people to recycle green waste.
Director Parent reads aloud Chapter 2, Section C, number 1, the Social Media Policy, and Chapter 5, section B of the Board Handbook 2014.
President Kalvans states that the owner, Pablo of the San Miguel Market and Deli has asked if the District Garbage can be moved from across the street, because his District garbage can get filled up to fast.
President Kalvans looks forward to enforcing the new Board By-Laws when passed.

XIII. ADJOURN:

Convened at 10:50 p.m.

SAN MIGUEL COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS
September 22, 2017 SPECIAL MEETING MINUTES

MEETING HELD AT DISTRICT OFFICES
1150 MISSION STREET
SAN MIGUEL, CA 93451

I. Meeting Called to Order by Vice President Reuck – 4:03. p.m.

II. Pledge of Allegiance lead by Vice President Reuck.

III. Roll Call: Directors Present: Buckman, Green, Reuck and Parent.
Director Absent: Kalvans
District Staff in attendance: Rob Roberson, Kelly Dodds, Tamara Parent
District General Counsel White, Counsel Schweikert

IV. Adoption of Special Meeting Agenda:
Motion by Director Green to adopt Special Meeting Agenda as presented.
Seconded by Director Buckman Motion was approved by vote of 4 AYES and 0 NOES 1 ABSENT.

V. Call to Order: 4:03 p.m.

VI. Public Comment and Communications (for items not on the agenda):
No Public Comment

VII. CONSENT ITEMS

1. Review and Confirm Director of Utilities' hiring of Utility Operator 1.

Motion by Director Parent to adopt Consent Calendar

Seconded by Director Green. Motion to approve by vote of 4 AYES and 0 NOES and 1 ABSENT.

VIII. BOARD ACTION ITEMS:

1. **Discussion and adoption of Resolution No. 2017-52 to admonish Director Kalvans for actions unbecoming the Board President of the San Miguel Community Services District.**

Item presented by Interim General Manager/Fire Chief Rob Roberson, explaining this Item was asked for by Director Parent at the August 31st Board Meeting. Mr. Roberson informed

the Board that Director Kalvans contacted the District office and said he would not be able to attend the meeting, but would like to be here to defend himself.
Interim General Manager/Fire Chief Rob Roberson, asked the Board if they would like to proceed.

Motion by Director Parent to Proceed

Seconded by Director Green, Motion to approve by vote of 4 AYES and 0 NOES and 1 ABSENT.

Item presented by Interim General Manager/Fire Chief Rob Roberson to adopt Resolution No. 2017-52 to admonish Director Kalvans for actions unbecoming the Board President of the San Miguel Community Services District.

Board Comment: Director Green voiced that at the last Board Meeting this item was discussed and with the misrepresentation, Facebook post, trespassing in district files and that this is not the first time Director Kalvans had over stepped his position. Director Green would like to pass the Resolution.
Director Parent feels that because Director Kalvans has been habitually late to meetings and shows a general disinterest. Director Parent thinks that Director Kalvans is not a good representative of the District and has his own personal agenda that he voices as the whole Board opinion.
Public Comments: Richard Smithen, San Miguel Resident read aloud Chapter 5, Board Member communication of the SMCSD Board Handbook, 2014. The Board acts as a body not an individual. Mr. Smithen voiced his concern that a Board Member would think that they could get in front of a T.V camera during a fire in the District, without consulting the District Fire Chief. Director Kalvans stated on T.V. that he represented "His" Board. We have a Fire Chief in this Town and Mr. Kalvans over stepped and it is completely unacceptable. Mr. Smithen feels that Director Klavans should not only lose his position of President of the Board but should lose his Director seat and askes Director Kalvans to resign.
Board Comment: Director Green, asked that Counsel White address the public comment. Counsel White explains that an elected Director of the Board can only be recalled.

Motion by Director Parent to adopt Resolution No. 2017-52 to admonish Director Kalvans for actions unbecoming the Board President of the San Miguel Community Services District.

Seconded by Director Green. Motion was approved by vote of 4 AYES and 0 NOES and 1 ABSENT.

2. **Discussion and adoption of Resolution No. 2017-53 electing a new President of the Board of Directors of the San Miguel Community Services District**

Board Comment: Director Buckman nominated Director Green for President

Public Comments: No public Comment

Director Green recused himself from vote

Motion by Director Buckman to adopted Resolution 2017-53 electing Director Green as new President of the Board of Directors of the San Miguel Community Services District.

Seconded by Director Parent. Motion was approved by vote of 3 AYES and 0 NOES and 1 ABSENT and 1 RECUSED.

3. **Discussion and adoption of Resolution No. 2017-08 approving the San Miguel Community Services District Board Members' Handbook.**

Item presented by Counsel Seikaly, she explained that this is the final version and has been through committee and last brought to the Board at the August 31st Board Meeting. The Directors had some changes at that time that have been incorporated into this final version.

Board Comment: Director Parent feels that this is a living document and it is time to put this Board Handbook into place, now.
Director Green concurred.

Public Comment: No Public Comment

Motion by Director Parent to adoption of Resolution No. 2017-08 approving the San Miguel Community Services District Board Members' Handbook.

Seconded by Director Green. Motion was approved by vote of 4 AYES and 0 NOES and 1 ABSENT.

IX. BOARD COMMENT

Director Reuck informally announces that he will be moving out of the district.
Discussion ensued about the process for appointment of a new board member.
Director Buckman apologizes for his conduct at the last board meeting.

X. ADJOURNMENT: Director Reuck adjourned meeting

Time: 4:30 P.M.

P.O. Box 180
1150 Mission Street
San Miguel, CA 93451

Tel. 805-467-3388
Fax 805-467-9212

www.sanmiguelcsd.org

November 8, 2017

Micro Droplet Systems
Attn: Rick Sauer

RE: Donation of TNT Extrication Equipment

Mr. Sauer

Please accept our sincerest thanks for the recent donation of TNT Extrication equipment to the San Miguel Fire Department.

This equipment will enable our department to provide a heightened level of service to the citizens of this community as well as the surrounding areas.

The extrication equipment donated has an estimated value of Thirty Thousand Dollars ($30,000).
Since the San Miguel Community Services District is a public agency it may be possible to use this donation as a tax deduction. However, we suggest that you consult a tax professional.

Thank you for your generosity.

Sincerely,

Rob Roberson
Fire Chief

San Miguel Community Services District

Staff Report

November 16, 2017 **AGENDA ITEM: XI-1**

SUBJECT: October 2017 Financial Report

STAFF RECOMMENDATION:

Review, Discuss, Receive and File the Enumeration of Financial Report for October 2017

BACKGROUND:

A copy of the October 2017 Financial Report is attached for Board approval.

a) Claims Detail Report 10-2017
b) Statement of Revenue Budget vs Actuals 10-2017
c) Statement of Expenditures Budget vs Actual 10-2017
d) Cash Report for Payrolls from 10-1-2017 to 10-31-2017

PREPARED BY:

Paola Freeman
District Bookkeeper

APPROVED BY:

Rob Roberson
Interim General Manager

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3375	16811S	434 76 FLEET CARD	409.06								
Account Number : 0201-00-108861-6											
1		51463176 09/30/17 Fuel - Truck #8600	147.70			20	62000		485		10200
2		51463176 09/30/17 Fuel - Truck #8601	21.00			20	62000		485		10200
3		51463176 09/30/17 Fuel - Truck #8632	99.18			50	65000		485		10200
4		51463176 09/30/17 Fuel - Truck #8632	99.18			40	64000		485		10200
5		51463176 09/30/17 Fuel - Truck #8601	21.00			40	64000		485		10200
6		51463176 09/30/17 Fuel - Truck #8601	21.00			50	65000		485		10200
		Total for Vendor:	**409.06**								
3342	16791S	576 APEX FIRE CONTROL	471.90								
Fire Extinguisher, Water Extinguisher,Brackets for 2018 GMC											
1		1051 09/18/17 Dry Chem Fire Extinguisher	134.06			20	62000		500		10200
2		1051 09/18/17 Water Extinguisher	187.69			20	62000		500		10200
3		1051 09/18/17 Heavy Duty Vehicle Bracket	69.71			20	62000		500		10200
4		1051 09/18/17 Amerex Vehicle Bracket	80.44			20	62000		500		10200
3378	16813S	576 APEX FIRE CONTROL	96.53								
Dated Tamper Seal											
1		1080 10/02/17 Tamper Seal	96.53			20	62000		450		10200
		Total for Vendor:	**568.43**								
3383	16824S	569 BANK OF THE WEST	2,425.92								
School Fire Prevention											
Microsoft											
1		8458 09/28/17 Stickers	150.15			20	62000		395		10200
2		09/28/17 Smoke Alarms DVD,Sparkys DVD	115.77			20	62000		395		10200
3		09/28/17 Microsoft Online Service	356.40			20	62000		385		10200
4		09/28/17 Microsoft Online Service	64.80*			30	63000		385		10200
5		09/28/17 Microsoft Online Service	864.00			40	64000		385		10200
6		09/28/17 Microsoft OnLine Service	864.00			50	65000		385		10200
7		09/28/17 Microsoft OnLine Service	10.80*			60	66000		385		66000
		Total for Vendor:	**2,425.92**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3343	16792S	28 BATTERY ZONE	255.95								
Replace two-way radio battery for Kenwood											
1		6434 09/05/17 RPL battery for KENWOOD	255.95*			20	62000		470		10200
		Total for Vendor:	**255.95**								
3379	16814S	535 BRENDLER JANITORIAL SERVICE	275.00								
1		1627C 10/02/17 Sept 2017 Janitorial Service	275.00			10	61000		305		10200
		Total for Vendor:	**275.00**								
3366	16793S	39 BUCKMAN, GIB	100.00								
Board Member Stipend -September 28, 2017 meeting											
1		September 09/28/17 September 2017 Board Mtg S	100.00			10	61000		111		10200
		Total for Vendor:	**100.00**								
3422	16845S	409 CAL FIRE/ SLO COUNTY FIRE	180.00								
Class Title: Basic Pump Operations for Koury Sinclair 10-26-28-2017											
1		10-26/10-2 10/13/17 Basic Pump Operation, Sinc	180.00			20	62000		386		10200
		Total for Vendor:	**180.00**								
3369	16794S	61 CCI CENTRAL	190.06								
1		INSTO43731 09/20/17 Ink Cartridge for IM/IS	95.03			40	64000		410		10200
2		INSTO43731 09/20/17 Ink Cartridge for IM/IS	95.03			50	65000		410		10200
		Total for Vendor:	**190.06**								
3385	16825S	521 CHAPARRAL BUSINESS MACINES, INC.	64.71								
Maintenance Contract #6913-01											
Samsung/X4250LX											
Acct No. 013014											
Contract #6913-02											
1		418670 10/02/17 Maint Contract 10/4 to 11/3/17	32.36			40	64000		320		10200
2		418670 10/02/17 Overage 9/4-10/3/17	32.35			50	65000		320		10200
		Total for Vendor:	**64.71**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3403	16826S	67 CHARTER COMMUNICATIONS	336.66								
Account #8245 10 105 0027311											
Spectrum Buiness - Monthly											
Internet/Voice											
1	11100117	10/01/17 Internet/Voice	336.66			10	61000		375		10200
		Total for Vendor:	**336.66**								
3344	16795S	473 CHURCHWELL WHITE LLP	33,143.74								
Professional Services Rendered through June 30, 2017											
1	25568	09/08/17 General Counsel	8,067.70			10	61000		327		10200
2	25569	09/08/17 Steinbeck v SLO	9,294.64			50	65000		332		10200
3	25570	09/08/17 Water	231.30*			50	65000		327		10200
4	25571	09/08/17 Solid Waste	771.00*			60	66000		327		10200
6	25572	09/08/17 SLOCEAvsSan Miguel Drug & Alch	38.55*			40	64000		331		10200
9	25572	09/08/17 SLOCEAvsSan Miguel Drug & Alch	38.55*			50	65000		331		10200
10	25573	09/08/17 HR	6,413.45*			40	64000		331		10200
11	25573	09/08/17 HR	6,413.45*			50	65000		331		10200
12	25574	09/08/17 MOU Negotiations	400.40*			40	64000		331		10200
13	25574	09/08/17 MOU Negotiations	400.40*			50	65000		331		10200
14	25575	09/08/17 Farrar Termination	537.15*			40	64000		327		10200
15	25575	09/08/17 Farrar Termination	537.15*			50	65000		327		10200
		Total for Vendor:	**33,143.74**								
3377	16815S	584 CORE & MAIN LP	2,500.25								
Acct#210091											
1	H832948	09/27/17 12 5/8x3/4 MTR	2,500.25			50	65000		525		10200
		Total for Vendor:	**2,500.25**								
3408	16827S	999999 COUNTY OF SAN LUIS OBISPO	62.00								
EMT Re-Certification Jason Taylor											
1	2017-01	10/01/17 EMT Re-Cert J. Taylor	62.00			20	62000		386		10200
		Total for Vendor:	**62.00**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3361	16796S	581 DAVID TRACEY CONTRACT SVS	1,100.00								
SVS Date 9/2/17 to 9/24/17											
1		2017-3 09/25/17 Contract SVS	550.00			40	64000		330		10200
2		2017-3 09/25/17 Contract SVS	550.00			50	65000		330		10200
		Total for Vendor:	**1,100.00**								
3350	16797S	109 FERGUSON ENTERPRISES	2,010.94								
Acct #725334											
1		5018440 09/11/17 Fire Hydrant Extention	2,010.94			50	65000		353		10200
3373	16816S	109 FERGUSON ENTERPRISES	123.74								
Acct #725334											
1		5207742 09/27/17 12GA Wire	123.74			50	65000		305		10200
3380	16816S	109 FERGUSON ENTERPRISES	42.51								
PVC S80,											
1		5204784 09/21/17 PCV S80	42.51			50	65000		305		10200
3391	16828S	109 FERGUSON ENTERPRISES	126.67								
Acct #725334											
1		5235502 10/04/17 MC Ball Curb ST	126.67			50	65000		353		10200
		Total for Vendor:	**2,303.86**								
3345	16798S	112 FGL - ENVIRONMENTAL ANALYTICAL	105.00								
Acct #8000653											
1		783161A 09/05/17 Coliform-Colilert-PA	105.00			50	65000		359		10200
3346	16798S	112 FGL - ENVIRONMENTAL ANALYTICAL	225.00								
Acct #8000653											
1		783229A 09/15/17 Coliform-Colilert/Wet Chemist	45.00			50	65000		356		10200
2		783229A 09/15/17 Coliform-Colilert/Wet Chemist	45.00			50	65000		357		10200
3		783229A 09/15/17 Wet Chemistry Color,Odor,Turb	135.00			50	65000		359		10200

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3347	16798S	112 FGL - ENVIRONMENTAL ANALYTICAL	67.00								
Acct #8000653											
1		783230A 09/15/17 Metals	67.00			50	65000		358		10200
3348	16798S	112 FGL - ENVIRONMENTAL ANALYTICAL	105.00								
Acct #8000653											
1		783415A 09/18/17 Coliform-Colilert-P/A	105.00			50	65000		359		10200
3349	16798S	112 FGL - ENVIRONMENTAL ANALYTICAL	67.00								
Acct #8000653											
1		783349A 09/18/17 Metals	67.00			50	65000		358		10200
3362	16817S	112 FGL - ENVIRONMENTAL ANALYTICAL	67.00								
Account #8000653											
1		783574A 09/29/17 Metals	67.00			50	65000		358		10200
3386	16829S	112 FGL - ENVIRONMENTAL ANALYTICAL	67.00								
Account #8000653											
1		783416A 10/03/17 Metals	67.00			50	65000		358		10200
3387	16829S	112 FGL - ENVIRONMENTAL ANALYTICAL	67.00								
Account #8000653											
1		783493A 10/03/17 Metals	67.00			50	65000		358		10200
3388	16829S	112 FGL - ENVIRONMENTAL ANALYTICAL	188.00								
Account #8000653											
1		783575A 10/03/17 EPA Oranic Analysis	188.00			50	65000		359		10200
3389	16829S	112 FGL - ENVIRONMENTAL ANALYTICAL	225.00								
Account #8000653											
1		783576A 10/03/17 Coliform Wet Chemistry	45.00			50	65000		356		10200
2		783576A 10/03/17 Coliform Wet Chemistry	45.00			50	65000		357		10200
3		783576A 10/03/17 Coliform Wet Chemistry	135.00			50	65000		359		10200

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3390	16829S	112 FGL - ENVIRONMENTAL ANALYTICAL	20.00								
Account #8000653											
1		783708A 10/04/17 Coliform	20.00			50	65000		359		10200
		Total for Vendor:	**1,203.00**								
3351	16799S	455 FOREMOST PROMOTIONS	329.63								
1		406839 09/07/17 Fire Safety Bike Bottle	329.63			20	62000		395		10200
		Total for Vendor:	**329.63**								
3370	16818S	308 FRONTIER COMMUNICATIONS	53.18								
Acct #805-467-2818-010412-5											
Phone 805-467-2818											
1		09/22/17 SCADA	26.59			40	64000		310		10200
2		09/22/17 SCADA	26.59			50	65000		310		10200
3392	16830S	308 FRONTIER COMMUNICATIONS	70.61								
Acct #805-467-2015-051216-5											
Phone 805-467-2015											
1		10/01/17 Backup for alarm	35.31			40	64000		310		10200
2		10/01/17 Backup for alarm	35.30			50	65000		310		10200
		Total for Vendor:	**123.79**								
3352	16800S	125 GREAT WESTERN ALARM	30.00								
Acct GW-661											
Service Period: 10/01/17 to 10/31/17											
1		1709005451 10/01/17 Alarm Monitoring	15.00			40	64000		380		10200
2		1709005451 10/01/17 Alarm Monitoring	15.00			50	65000		380		10200
3353	16800S	125 GREAT WESTERN ALARM	72.00								
Acct #A0702											
Service Period: 10/01/17 to 10/31/17											
1		1709022421 10/01/17 Answering Service	36.00			40	64000		380		10200
2		1709022421 01/01/17 Answering Service	36.00			50	65000		380		10200
		Total for Vendor:	**102.00**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3364	16801S	126 GREEN, JOHN	100.00								
Board Member Stipend - September 31, 2017 meeting											
1		09/28/17 September 2017 Board Mtg Stipe	100.00			10	61000		111		10200
		Total for Vendor:	**100.00**								
3381	16819S	129 HACH	503.76								
Account #292463											
1	10644214	09/22/17 Reagent Set, Chlorine Free	167.92			50	65000		356		10200
2	10644214	09/22/17 Reagent Set, Chlorine Free	167.92			50	65000		357		10200
3	10644214	09/22/17 Reagent Set, Chlorine Free	167.92			50	65000		358		10200
3423	16852S	129 HACH	921.50								
Acct #292463											
1	10666504	10/09/17 HQ11D pH Meter w/gel Electro	921.50			40	64000		355		10200
		Total for Vendor:	**1,425.26**								
3354	16802S	130 HAMON OVERHEAD DOOR CO INC	315.66								
1	75557	09/15/17 Lubrication,Parts, Labor	315.66			20	62000		351		10200
		Total for Vendor:	**315.66**								
3374	16820S	474 L.N. CURTIS & SONS	465.13								
Class A Foam											
1	INV128622	09/21/17 Class A Foam	465.13			20	62000		305		10200
		Total for Vendor:	**465.13**								
3382	16821S	510 LOCAL IT EXPERTS	980.00								
SMCSD Computer & Network Services											
1	12200	10/05/17 Remote IT Services -Sept 7	490.00*			10	61000		350		10200
2	12200	10/05/17 Remote IT Services -Oct 17	490.00*			10	61000		350		10200
		Total for Vendor:	**980.00**								
3393	16831S	517 MARK'S TIRE SERVICE	18.77								
1	22169	10/06/17 Flat Repair Truck C8601	18.77			20	62000		354		10200
		Total for Vendor:	**18.77**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3356	16803S	175 MIKE ROACH ELECTRIC	175.00								
North pump at waste water treatment plant not coming on											
1	4296	09/12/17 Pump Oiler Circut not working	175.00			40	64000		582		10200
3357	16803S	175 MIKE ROACH ELECTRIC	20,629.00								
Resolution 2017-43 Install a 48KW Standby Generator											
1	4307	09/13/17 Install 48KW Standby Generator	6,601.28			20	62000		500		10200
2	4307	09/13/17 Install 48KW Standby Generator	825.16			30	63000		500		10200
3	4307	09/13/17 Install 48KW Standby Generator	6,601.28			40	64000		500		10200
4	4307	09/13/17 Install 48KW Standby Generator	6,601.28			50	65000		500		10200
3372	16822S	175 MIKE ROACH ELECTRIC	6,603.00								
Relocate Electrical For Upstairs Addition											
1	4327	09/26/17 Relocate electrical upstairs	6,603.00			20	62000		510		10200
		Total for Vendor:	**27,407.00**								
3394	16832S	559 MONSOON VENTURES, INC.	2,420.00								
SMCSD District Engineer											
1	2179	10/04/17 SLT as Blending Pipeline	2,420.00			50	65000		431		10200
3395	16832S	559 MONSOON VENTURES, INC.	2,200.00								
SMCSD District Engineer											
1	2180	10/04/17 Board & Committee Meetings	1,100.00			40	64000		326		10200
2	2180	10/04/17 Board & Committee Meetings	1,100.00			50	65000		326		10200
3396	16832S	559 MONSOON VENTURES, INC.	330.00								
SMCSD District Engineer											
1	2182	10/05/17 WWTP Aeration System Upgrade	330.00			40	64000		326		10200
3397	16832S	559 MONSOON VENTURES, INC.	7,947.50								
SMCSD District Engineer											
1	2185	10/05/17 Water & Wastewater Masterplan	3,973.75			40	64000		326		10200
2	2185	10/05/17 Water & Wastewater Masterplan	3,973.75			50	65000		326		10200

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3398	16832S	559 MONSOON VENTURES, INC.	3,590.00								
SMCSD District Engineer											
1		2181 10/05/17 GSA & GSP General	3,590.00			50	65000		326		10200
3400	16832S	559 MONSOON VENTURES, INC.	1,540.00								
SMCSD District Engineer											
1		2183 10/05/17 WWTP Upgrade Prop 1 Funding	1,540.00			40	64000		326		10200
3402	16832S	559 MONSOON VENTURES, INC.	4,590.00								
SMCSD District Engineer											
1		2184 10/05/17 10th & 11th Street Waterlines	4,590.00			50	65000		326		10200
3404	16832S	559 MONSOON VENTURES, INC.	1,320.00								
SMCSD District Engineer											
1		2186 10/05/17 Steinbeck Water Litigation	1,320.00			50	65000		332		10200
		Total for Vendor:	**23,937.50**								
3406	16833S	553 MOSS, LEVY & HARTZHEIM LLP	1,000.00								
1		12272 09/30/17 Audit Services	165.00*			20	62000		325		10200
2		12272 09/30/17 Audit Services	30.00			30	63000		325		10200
3		12272 09/30/17 Audit Services	400.00*			40	64000		325		10200
4		12272 09/30/17 Audit Services	400.00*			50	65000		325		10200
5		12272 09/30/17 Audit Services	5.00*			60	66000		325		66000
		Total for Vendor:	**1,000.00**								
3433	16853S	999999 MULLAHEY CHRYSLER DODGE	811.56								
A/C Repair on truck E8687											
1		67637 08/31/17 A/C Repair Truck #E8687	811.56			20	62000		354		10200
3434	16854S	999999 MULLAHEY CHRYSLER DODGE	232.25								
Service truck 2011 Ford F550 Super											
1		66887 08/03/17 Change oil & filters	232.25			20	62000		354		10200
		Total for Vendor:	**1,043.81**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3367	16804S	547 PARENT, JOSEPH	100.00								
Board Member Stipend for September 28, 2017											
1		September 09/28/17 September 2017 Board Mtg St	100.00			10	61000		111		10200
		Total for Vendor:	**100.00**								
3407	16842S	202 PASO ROBLES NEWSPAPERS	495.00								
Customer #3326											
1		86068 09/30/17 Prop 218 2 weeks	495.00*			60	66000		393		10200
		Total for Vendor:	**495.00**								
3360	16805S	208 PG&E	1,154.04								
Acct #8565976480-8											
1		08/17/17 12th & K Street - 8565976725 St	11.09			30	63000		381		10200
2		08/17/17 Tract 2605 - 8565976109	45.17			30	63000		381		10200
3		08/17/17 Mission Heights - 8565976482	210.81			30	63000		381		10200
4		08/17/17 9898 River Rd. - 8565976002	411.54			30	63000		381		10200
5		08/17/17 9898 River Rd. - 8565976004	55.45			30	63000		381		10200
6		08/17/17 9898 River Rd. - 8565976008	255.70			30	63000		381		10200
7		08/17/17 9898 River Rd. - 8565976014	85.23			30	63000		381		10200
8		08/17/17 9898 River Rd. - 8565976481	54.69			30	63000		381		10200
9		08/17/17 9898 River Rd. - 8565976483	24.36			30	63000		381		10200
		Total for Vendor:	**1,154.04**								
3368	16806S	209 PG&E	11,741.60								
Acct #3675186851-8											
1		09/21/17 Old Fire Station / 1297 L St	26.02*			20	62000		381		10200
2		09/21/17 Water Works #1 / Well 3	2,795.82			50	65000		381		10200
3		09/21/17 Bonita Pl & 16th / Well 4	1,786.82			50	65000		381		10200
4		09/21/17 N St / WWTP	6,711.64			40	64000		381		10200
5		09/21/17 14th St. & K St.	65.32			50	65000		381		10200
6		09/21/17 Landscape/Streetlights	236.80			30	63000		381		10200
7		09/21/17 SLT Well Drink Water	87.65			50	65000		381		10200
8		09/21/17 Mission Heights Booster	10.51			50	65000		381		10200
9		09/21/17 2HP Booster Station	10.51			50	65000		381		10200
10		09/21/17 New Fire Station 1150 Mission	10.51*			20	62000		381		10200
		Total for Vendor:	**11,741.60**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3376	16823S	999999 POSITIVE PROMOTIONS	240.60								
10/12/17 Fire Burn Relay											
1		05859610 09/28/17 Pencil, Bookmark	240.60			20	62000		395		10200
		Total for Vendor:	**240.60**								
3409	16834S	585 PRW Steel Supply	324.50								
1		325616 10/02/17 Used pipe 4 1/2 OD	162.25			40	64000		305		10200
2		325616 10/02/17 Used pipe 4 1/2 OD	162.25			50	65000		305		10200
		Total for Vendor:	**324.50**								
3365	16807S	441 REUCK, LARRY	100.00								
Board Member Stipend for September 28, 2017											
1		September 09/28/17 September 2017 Board Mtg St	100.00			10	61000		111		10200
		Total for Vendor:	**100.00**								
3371	16812S	233 SAFEGUARD BUSINESS SYSTEMS	408.35								
Customer #QMG2PP											
1		032413791 09/21/17 Imprinted Envelopes	204.17			40	64000		315		10200
2		032413791 09/21/17 Imprinted Envelopes	204.18			50	65000		315		10200
		Total for Vendor:	**408.35**								
3410	16843S	238 SAN MIGUEL GARBAGE	103.98								
Monthly Service October 2017											
Acct #318691											
1		10/01/17 WWTP Monthly Trash Disposal	51.99			40	64000		383		10200
2		10/01/17 WWTP Monthly Trash Disposal	51.99			50	65000		383		10200
		Total for Vendor:	**103.98**								
3399	16836S	349 SHORE-TEK TRENCH & EXCAVATION	2,101.13								
Purchased 2 4X8 Trench Plate											
1		2681 09/06/17 Trench Plate 4X8	1,050.57			40	64000		490		10200
2		2681 09/06/17 Trench Plate 4X8	1,050.56			50	65000		490		10200

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3401	16844S	349 SHORE-TEK TRENCH & EXCAVATION	97.50								
Tranch Plate Rental 4 weeks 8/16/17 3 weeks											
1	2346E	09/11/17 Tranch Plate Rental 4x8	97.50			50	65000		305		10200
		Total for Vendor:	**2,198.63**								
3419	16837S	533 SLO COUNTY TAX COLLECTOR	75.58								
2017/18 Annual Secured Property Tax Bill											
Bill Number 2017/18 021-221-010											
Assessment 021-221-010											
1		10/01/17 Assessment 021-221-010 2017/18	75.58			20	62000		960		10200
3420	16837S	533 SLO COUNTY TAX COLLECTOR	14.67								
2017/18 Annual Secured Property Tax Bill											
Bill Number 2017/18 021-051-015											
Assessment 021-051-015											
1		10/01/17 Assessment 021-051-015 2017/18	14.67*			40	64000		960		10200
3421	16837S	533 SLO COUNTY TAX COLLECTOR	124.28								
2017/18 Annual Secured Property Tax Bill											
Bill Number 2017/18 021-221-012											
Assessment 021-221-012											
1		10/01/17 Assessment 021-221-012 2017/18	124.28			20	62000		960		10200
		Total for Vendor:	**214.53**								
3426	16855S	352 STAPLES CREDIT PLAN	347.17								
Office Supplies											
Acct #6035 5178 6257 8738											
1		10/10/17 Office Chair	99.99			10	61000		305		10200
2		10/10/17 Office Chair	99.99			20	62000		305		10200
3		10/10/17 Paper,Note Pads,File Box	38.06*			20	62000		410		10200
4		10/10/17 Paper,Post-it,Sheet protector,	113.52			10	61000		410		10200
5		10/10/17 Returned Business Cards	-4.39			10	61000		410		10200
		Total for Vendor:	**347.17**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3425	16856S	565 STAR DRUG TESTING, INC.	40.00								
1	51765	10/19/17 Pre-employment - M. Sobotka	20.00			40	64000		329		10200
2	51765	10/19/17 Pre-employment - M. Sobotka	20.00			50	65000		329		10200
		Total for Vendor:	**40.00**								
3415	16838S	534 STREAMLINE	200.00								
Web Page Monthly October											
1	96003	10/10/17 Web Page Monthly Fee	200.00			10	61000		376		10200
		Total for Vendor:	**200.00**								
3358	16808S	280 TEMPLETON UNIFORMS	149.31								
Pants, Belt, Name Tag for Aaron Kamphaus											
1	104424	09/15/17 Pants Belt, Nasme Tag	149.31			20	62000		495		10200
3359	16808S	280 TEMPLETON UNIFORMS	139.96								
Bobcat Soft Oil KIP											
1	104554	09/15/17 Slip on Boots	139.96			20	62000		495		10200
		Total for Vendor:	**289.27**								
3355	16809S	289 TOTALFUNDS BY HASLER	514.13								
Acct#7900 0110 0130 2978											
1		09/10/17 Postage	257.07			40	64000		315		10200
2		09/10/17 Postage	257.06			50	65000		315		10200
3424	16857S	289 TOTALFUNDS BY HASLER	500.00								
Acct#7900 0110 0130 2978											
3		10/10/17 Postage	250.00			40	64000		315		10200
4		10/10/17 Postage	250.00			50	65000		315		10200
		Total for Vendor:	**1,014.13**								
3416	16839S	357 TUSON, PHILLIP J.	54.53								
Work Pants 3 Pair Jeans											
1	Oct2017	10/10/17 Work Pants	27.26			40	64000		495		10250
2	Oct2017	10/10/17 Work Pants	27.27			50	65000		495		10200
		Total for Vendor:	**54.53**								

Pacific Premier Bank - General Account
* ... Over spent expenditure

Claim/ Line #	Check	Vendor #/Name/ Invoice #/Inv Date/Description	Document $/ Line $	Disc $	PO #	Fund	Org	Acct	Object	Proj	Cash Account
3418	16840S	301 US BANK	1,519.35								
Acct #4246 0445 5565 2647											
1		09/22/17 Cal State Auto New Windshield	276.24			20	62000		354		10200
2		09/22/17 Lowes Office Paint	95.97			20	62000		352		10200
3		09/22/17 Lowes Office Paint	95.97*			30	63000		352		10200
4		09/22/17 Lowes Office Paint	95.97			40	64000		352		10200
5		09/22/17 Lowes Office Paint	95.98			50	65000		352		10200
6		09/22/17 Emerg Med Prod Battery, Gloves	333.61			20	62000		450		10200
7		09/22/17 Lowes Office Paint and Supply	107.88			20	62000		510		10200
8		09/22/17 UPS Shipping Micro Meter	119.29			50	65000		315		10200
9		09/22/17 Steve Schmidt Concrete	129.77			20	62000		510		10200
10		09/22/17 Chevron Fuel #8601	68.68			20	62000		495		10200
11		09/22/17 Battery Mart Charger Truck #86	99.99			20	62000		500		10200
		Total for Vendor:	**1,519.35**								
3384	16841S	327 VALLI INFORMATION SYSTEMS	91.09								
Web Posting											
1		43809 08/31/17 Web Posting, Online Maint.	45.55			40	64000		305		10200
2		43809 08/31/17 Web Posting, Online Maint.	45.54			50	65000		305		10200
		Total for Vendor:	**91.09**								
3363	16810S	511 VERIZON	40.08								
Acct #542095345-00001											
805-423-7591											
1		9792362426 09/08/17 Laptop 805-423-7591	20.04			40	64000		310		10200
2		9792362426 09/08/17 Laptop 805-423-7591	20.04			50	65000		310		10200
		Total for Vendor:	**40.08**								
3427	16858S	318 WILDHORSE PROPANE	342.60								
ACCT #SANMI1											
1		24969 09/30/17 Propane lines for generator	109.63			20	62000		382		10200
2		24969 09/30/17 Propane lines for generator	109.63			40	64000		382		10200
3		24969 09/30/17 Propane lines for generator	109.63			50	65000		382		10200
4		24969 09/30/17 Propane lines for generator	13.71*			30	63000		382		10200
		Total for Vendor:	**342.60**								
		# of Claims 82	**Total:**	**123,386.64**							

Fund/Account	Amount
10 ADMINISTRATION DEPARTMENT	
10200 HOB Bank- General	$10,468.48
20 FIRE PROTECTION DEPARTMENT	
10200 HOB Bank- General	$19,525.76
30 STREET LIGHTING DEPARTMENT	
10200 HOB Bank- General	$2,420.48
40 WASTEWATER DEPARTMENT	
10200 HOB Bank- General	$33,199.10
10250 HOB - Payroll	$27.26
50 WATER DEPARTMENT	
10200 HOB Bank- General	$56,463.76
60 SOLID WASTE DEPARTMENT	
10200 HOB Bank- General	$1,266.00
66000 SOLID WASTE	$15.80
Total:	**$123,386.64**

Fund	Account	Received Current Month	Received YTD	Estimated Revenue	Revenue To Be Received	% Received
10 ADMINISTRATION DEPARTMENT						
46000 Revenues & Interest						
46020	Transfer In -Fire (16.5%)	0.00	0.00	37,499.00	37,499.00	0 %
46030	Transfer In -Lighting (3%)	0.00	0.00	6,818.00	6,818.00	0 %
46040	Transfer In -Sewer (40%)	0.00	0.00	90,907.00	90,907.00	0 %
46050	Transfer In -Water (40%)	0.00	0.00	90,907.00	90,907.00	0 %
46060	Transfer In- Solid Waste (0.5%)	0.00	0.00	1,136.00	1,136.00	0 %
46150	Miscellaneous Income	0.00	15.00	0.00	-15.00	** %
46151	Refund/Adjustments	0.00	486.20	0.00	-486.20	** %
	Account Group Total:	**0.00**	**501.20**	**227,267.00**	**226,765.80**	**0 %**
	Fund Total:	**0.00**	**501.20**	**227,267.00**	**226,765.80**	**0 %**
20 FIRE PROTECTION DEPARTMENT						
40000						
40220	Weed Abatement Fees	0.00	0.00	1,100.00	1,100.00	0 %
40300	Fireworks Permit Fees	0.00	0.00	800.00	800.00	0 %
40320	Fire Impact Fees	0.00	9,296.92	0.00	-9,296.92	** %
40420	Ambulance Reimbursement	0.00	1,124.95	4,400.00	3,275.05	26 %
40500	VFA Assistance Grant	0.00	0.00	18,000.00	18,000.00	0 %
	Account Group Total:	**0.00**	**10,421.87**	**24,300.00**	**13,878.13**	**43 %**
43000 Property Taxes Collected						
43000	Property Taxes Collected	552.89	7,088.23	337,351.00	330,262.77	2 %
	Account Group Total:	**552.89**	**7,088.23**	**337,351.00**	**330,262.77**	**2 %**
44000 Forestry & Fire Protection Reimbursement						
44000	Forestry & Fire Protection Reimbursement	0.00	0.00	10,000.00	10,000.00	0 %
	Account Group Total:	**0.00**	**0.00**	**10,000.00**	**10,000.00**	**0 %**
46000 Revenues & Interest						
46000	Revenues & Interest	0.00	0.00	300.00	300.00	0 %
46010	Transfer In	0.00	0.00	233,021.00	233,021.00	0 %
46150	Miscellaneous Income	0.00	20.00	0.00	-20.00	** %
46151	Refund/Adjustments	0.00	15.07	1,000.00	984.93	2 %
46155	Will Serve Processing Fees	0.00	0.00	100.00	100.00	0 %
46175	Sale of Surplus Property	229.37	229.37	0.00	-229.37	** %
	Account Group Total:	**229.37**	**264.44**	**234,421.00**	**234,156.56**	**0 %**
	Fund Total:	**782.26**	**17,774.54**	**606,072.00**	**588,297.46**	**3 %**

Fund	Account	Received Current Month	Received YTD	Estimated Revenue	Revenue To Be Received	% Received
30 STREET LIGHTING DEPARTMENT						
43000 Property Taxes Collected						
	43000 Property Taxes Collected	89.98	1,898.55	93,488.00	91,589.45	2 %
	Account Group Total:	**89.98**	**1,898.55**	**93,488.00**	**91,589.45**	**2 %**
46000 Revenues & Interest						
	46000 Revenues & Interest	0.00	0.00	50.00	50.00	0 %
	46010 Transfer In	0.00	0.00	8,525.00	8,525.00	0 %
	46150 Miscellaneous Income	0.00	100.00	0.00	-100.00	** %
	46151 Refund/Adjustments	0.00	3.20	200.00	196.80	2 %
	Account Group Total:	**0.00**	**103.20**	**8,775.00**	**8,671.80**	**1 %**
	Fund Total:	**89.98**	**2,001.75**	**102,263.00**	**100,261.25**	**2 %**
40 WASTEWATER DEPARTMENT						
40000						
	40850 Wastewater Hook-up Fees	0.00	66,656.00	0.00	-66,656.00	** %
	40900 Wastewater Sales	29,728.80	118,848.86	356,000.00	237,151.14	33 %
	40910 Wastewater Late Charges	651.08	2,289.18	5,500.00	3,210.82	42 %
	Account Group Total:	**30,379.88**	**187,794.04**	**361,500.00**	**173,705.96**	**52 %**
43000 Property Taxes Collected						
	43000 Property Taxes Collected	49.39	1,131.68	51,302.00	50,170.32	2 %
	Account Group Total:	**49.39**	**1,131.68**	**51,302.00**	**50,170.32**	**2 %**
46000 Revenues & Interest						
	46000 Revenues & Interest	0.00	0.00	700.00	700.00	0 %
	46010 Transfer In	0.00	0.00	101,116.00	101,116.00	0 %
	46150 Miscellaneous Income	0.00	0.00	45,000.00	45,000.00	0 %
	46151 Refund/Adjustments	0.00	36.53	1,000.00	963.47	4 %
	46180 Public Records Requests	0.00	0.00	10.00	10.00	0 %
	Account Group Total:	**0.00**	**36.53**	**147,826.00**	**147,789.47**	**0 %**
	Fund Total:	**30,429.27**	**188,962.25**	**560,628.00**	**371,665.75**	**34 %**
50 WATER DEPARTMENT						
40000						
	40440 CDBG Grant	0.00	0.00	150,000.00	150,000.00	0 %
	Account Group Total:	**0.00**	**0.00**	**150,000.00**	**150,000.00**	**0 %**
41000 Water Sales						
	41000 Water Sales	34,319.69	159,570.43	352,000.00	192,429.57	45 %
	41001 Water Connection Fees	0.00	18,980.00	0.00	-18,980.00	** %
	41005 Water Late Charges	5,517.31	18,288.69	18,000.00	-288.69	102 %
	41010 Water Meter Fees	0.00	615.55	12,250.00	11,634.45	5 %
	Account Group Total:	**39,837.00**	**197,454.67**	**382,250.00**	**184,795.33**	**52 %**

Fund	Account	Received Current Month	Received YTD	Estimated Revenue	Revenue To Be Received	% Received
50 WATER DEPARTMENT						
46000 Revenues & Interest						
46000	Revenues & Interest	0.00	0.00	700.00	700.00	0 %
46010	Transfer In	0.00	0.00	159,701.00	159,701.00	0 %
46151	Refund/Adjustments	0.00	36.53	1,000.00	963.47	4 %
46155	Will Serve Processing Fees	0.00	0.00	250.00	250.00	0 %
	Account Group Total:	**0.00**	**36.53**	**161,651.00**	**161,614.47**	**0 %**
	Fund Total:	**39,837.00**	**197,491.20**	**693,901.00**	**496,409.80**	**28 %**
60 SOLID WASTE DEPARTMENT						
46000 Revenues & Interest						
46005	Franchise Fees	3,087.03	11,757.03	32,323.00	20,565.97	36 %
	Account Group Total:	**3,087.03**	**11,757.03**	**32,323.00**	**20,565.97**	**36 %**
	Fund Total:	**3,087.03**	**11,757.03**	**32,323.00**	**20,565.97**	**36 %**
	Grand Total:	**74,225.54**	**418,487.97**	**2,222,454.00**	**1,803,966.03**	**19 %**

10 ADMINISTRATION DEPARTMENT

Account	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
61000 Administration						
61000 Administration	10,468.48	70,100.88	227,267.00	227,267.00	157,166.12	31 %
Account Group Total:	**10,468.48**	**70,100.88**	**227,267.00**	**227,267.00**	**157,166.12**	**31 %**
Fund Total:	**10,468.48**	**70,100.88**	**227,267.00**	**227,267.00**	**157,166.12**	**31 %**

20 FIRE PROTECTION DEPARTMENT

Account	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
62000 Fire						
62000 Fire	70,861.26	175,605.39	555,341.00	555,341.00	379,735.61	32 %
Account Group Total:	**70,861.26**	**175,605.39**	**555,341.00**	**555,341.00**	**379,735.61**	**32 %**
Fund Total:	**70,861.26**	**175,605.39**	**555,341.00**	**555,341.00**	**379,735.61**	**32 %**

30 STREET LIGHTING DEPARTMENT

Account	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
63000 Lighting						
63000 Lighting	3,113.70	8,236.90	93,122.00	93,122.00	84,885.10	9 %
Account Group Total:	**3,113.70**	**8,236.90**	**93,122.00**	**93,122.00**	**84,885.10**	**9 %**
Fund Total:	**3,113.70**	**8,236.90**	**93,122.00**	**93,122.00**	**84,885.10**	**9 %**

40 WASTEWATER DEPARTMENT

Account	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
64000 Sanitary						
64000 Sanitary	46,180.58	135,748.83	734,769.00	734,769.00	599,020.17	18 %
Account Group Total:	**46,180.58**	**135,748.83**	**734,769.00**	**734,769.00**	**599,020.17**	**18 %**
Fund Total:	**46,180.58**	**135,748.83**	**734,769.00**	**734,769.00**	**599,020.17**	**18 %**

50 WATER DEPARTMENT

Account	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
65000 Water						
65000 Water	69,858.94	263,370.45	962,718.00	962,718.00	699,347.55	27 %
Account Group Total:	**69,858.94**	**263,370.45**	**962,718.00**	**962,718.00**	**699,347.55**	**27 %**
Fund Total:	**69,858.94**	**263,370.45**	**962,718.00**	**962,718.00**	**699,347.55**	**27 %**

60 SOLID WASTE DEPARTMENT

Account	Committed Current Month	Committed YTD	Original Appropriation	Current Appropriation	Available Appropriation	% Committed
66000 SOLID WASTE						
66000 SOLID WASTE	1,353.83	3,625.44	6,196.00	6,196.00	2,570.56	59 %
Account Group Total:	**1,353.83**	**3,625.44**	**6,196.00**	**6,196.00**	**2,570.56**	**59 %**
Fund Total:	**1,353.83**	**3,625.44**	**6,196.00**	**6,196.00**	**2,570.56**	**59 %**
Grand Total:	**201,836.79**	**656,687.89**	**2,579,413.00**	**2,579,413.00**	**1,922,725.11**	**25 %**

Fund		Amount
20	FIRE PROTECTION DEPARTMENT	51,335.50
30	STREET LIGHTING DEPARTMENT	693.22
40	WASTEWATER DEPARTMENT	12,954.22
50	WATER DEPARTMENT	13,395.18
60	SOLID WASTE DEPARTMENT	87.83
	Total for all Funds	**78,465.95**

***NOTE: Before sending the Payroll Summary Journal voucher to the Finance Application, please verify that the total of each of these three reports match: Cash Report, Payroll Summary (Gross pay + employer contributions), Payroll Expenditure Detail. There are a few exceptions to this: 1. Advances that Cross Periods; 2. WC Discount; 3. Prior Period Checks Cancelled in this Period; 4. Local Deductions with Receipt Accounting set up.

San Miguel Community Services District

Board of Directors
Staff Report

November 16, 2017 **AGENDA ITEM: XI. 2**

SUBJECT: Approval and Adoption of RESOLUTION 2017-48 the final Water and Wastewater Masterplan Updates

---

STAFF RECOMMENDATION:

Approve and Adopt the Water and Wastewater Masterplan which was updated by the District Engineer

---

BACKGROUND:

The Board of Directors directed the District Engineer to update the Water and Wastewater Masterplans at their June 29, 2017 meeting. The work that was performed included hydraulic modeling, identification of capacity constraints, prioritization of system capacity needs, and development of recommendations for capital improvements to address system deficiencies and future needs. The Water System Masterplan was last updated in 2002 and the Wastewater Masterplan was last updated in 2004.

A final draft of the updated Water & Wastewater Masterplan was completed in October 2017 and a summary of the findings and recommendations was presented to the Board of Directors at their October 26, 2017 meeting.

After receiving input from District Staff, the plans were revised and the Final Updated SMCSD Water and Wastewater Masterplan was completed in November 2017. The document is now ready for approval and adoption by the SMCSD Board of Directors.

FUNDING:

No funding request is made in conjunction with this item.

FISCAL IMPACT

The updated Water and Wastewater Masterplan will be utilized by Bartle Wells in conjunction with the rate study that is currently underway. It will also be used by the District in developing future capital improvement plans.

STAFF RECOMMENDATION

Board of Directors should discuss this issue and approve and adopt the updated Water and Wastewater Masterplan.

PREPARED BY: APPROVED BY:

Blaine T. Reely Rob Roberson

Blaine T. Reely, P.E., District Engineer Interim General Manager

Attachments: Resolution 2017-48

RESOLUTION NO. 2017-48

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN MIGUEL COMMUNITY SERVICES DISTRICT APROVING AND ADOPTING UPDATES TO THE DISTRICT'S WATER AND WASTEWATER MASTER PLANS.

WHEREAS, San Miguel Community Services District ("District") has the responsibility to maintain the communities public water supply and distribution system; and

WHEREAS, a critical resource that the District relies on are the Water and Wastewater Master Plans when considering numerous key activities, including planning for future capital improvements, setting future usage rates and connection fees, budgeting for preventative maintenance activities, and other operational and maintenance projects and expenditures; and

WHEREAS, the District Board of Directors authorized the District Engineer to perform the required engineering and prepare construction updated Water and Wastewater Master Plans for the District; and

WHEREAS, the District Engineer has completed the updates Water and Wastewater Master Plans and presented a summary of the updates to the Board at the October 26, 2017 Board Meeting; and

WHEREAS, the Board wishes to adopt the updated Water and Wastewater Masterplans;

NOW THEREFORE, BE IT RESOLVED, the Board does, hereby, adopt this Resolution for purposes specified herein.

On the motion of Director _____, seconded by Director _____ and on the following roll call vote, to wit:

AYES:
NOES:
ABSENT:
ABSTAINING:

the foregoing Resolution is hereby passed and adopted this 16th day of November, 2017.

_____
John Green, Board President

ATTEST:

_____
Douglas L. White, District General Counsel

WATER & WASTEWATER MASTERPLAN

UPDATE

November 16, 2017

SAM MIGUEL COMMUNITY SERVICES DISTRICT

Prepared by:

Monsoon Consultants
San Luis Obispo, CA
www.monsoonconsultants.com

REGISTERED PROFESSIONAL ENGINEER
BLAINE T. REELY
Lic. No. 46806
Expires 6/30/19
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STATE OF CALIFORNIA
11-07-17

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Tel. 805-467-3388 Fax 805-467-9212

Table of Contents

1.0 OVERVIEW

The San Miguel Community Services District (SMCSD) owns and operates the public water and wastewater systems which serve the community of San Miguel. The District boundary includes approximately 1530 acres and in 2017 served a total population in excess of 2,600. The community's water needs are supplied by three (3) public water supply wells. Two (2) of these wells are within the main part of the community which is located on the western side of the Salinas River. The third well is located on the eastern side of the Salinas River and is currently operated on a limited basis because the arsenic levels in the water supplied by this well exceed the State limit. The majority of the properties within the SMCSD, which are located on the west side of the Salinas River, are served by sanitary sewer. Wastewater flows from these properties are conveyed to the existing wastewater treatment facility, which is owned and operated by the SMCSD and located on the northern end of the District's service area. The properties that are located within the District's boundaries on the east side of the Salinas River are served by on-site wastewater treatment systems (i.e. septic systems).

In July 2017, the SMCSD Board of Directors directed Monsoon Consultants, who serves as the District Engineer, to proceed with updating the Water and Wastewater Masterplans. The most recent update to the Water Masterplan was 2002. The Wastewater Masterplan was most recently updated in 2005. The current updates to these plans have been combined and are included in the following sections of this document. Preparation of the water / wastewater systems master plans are intended to assist the District in prioritizing both present and future wastewater system needs and set forth a mechanism for addressing those needs. Present needs addressed in the water / wastewater system master plan will include the "three R's": Repair, Rehabilitation, and Replacement. Future needs will address those capital improvements required to support the anticipated growth of San Miguel through the next twenty years. The master planning process will also tie the needs assessment, both existing and future, to the budgeting process.

2.0 DEMOGRAPHICS

The unincorporated community of San Miguel, as defined by the Urban Reserve Line (URL), is home to approximately 2,600 residents and is located in the Salinas River Valley of central California, approximately seven miles north of the City of Paso Robles. The community lies near the confluence of the Estrella and Salinas Rivers, adjacent to the site of the historic Mission San Miguel Archangel.

In 2016, San Miguel's urban area, which is identified by its Urban Reserve Line (URL) on the County's official maps, includes all areas between Highway 101 and the Salinas River, between the northbound Mission Street off ramp and 20th Street. A portion of the urban area extends west of the highway to include the area along Cemetery Road south of 10th Street to the cemetery. East of the river, the urban area includes the Power Road area and the western portion of the San Lawrence Terrace tract.

This San Miguel Community Plan includes a proposal to expand the URL to encompass an approximately 50-acre portion of the former landing strip property located between Indian Valley Road and the Salinas River. This Plan also expands the URL to include roughly 110 acres located north of 20th Street,

generally between Mission Street and the Salinas River. This area is intended to remain in agricultural use as a "holding zone" until access problems are resolved and the appropriate amount and type of urban development is determined through a future amendment to the Community Plan.

San Miguel's population, based on the 2010 U.S. Census, was 2,336. This represents an increase of 64.5 percent from 2000, and a compounded annual growth rate (CAGR) of 5.1 percent. The growth in San Miguel between 2000 and 2010 can largely be attributed to the development of two residential projects on the north end of the community. In the previous decade between 1990 and 2000, San Miguel's population grew much more slowly, with an increase of 26.4 percent (2.4 percent CAGR). In comparison, San Luis Obispo County's population as a whole increased 13.5 percent between 2000 and 2010 and 14 percent between 1990 and 2000.

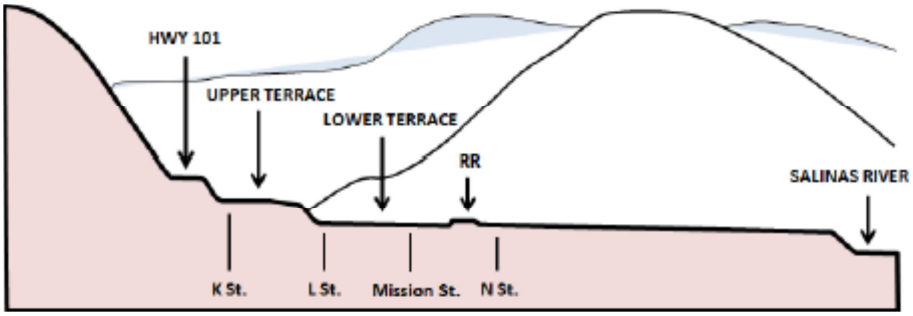
San Miguel's annual growth rate is projected to be about 1.8 percent (CAGR) through 2035, resulting in a population of approximately 3,660. The Table presented below shows the population projections for San Miguel. The projected development in the URL could result in 417 additional dwelling units under the Plan's 25-year horizon. The projected population is based on 3.17 persons per household. The actual number of new dwelling units may vary depending on a variety of factors such as actual development density, physical constraints and market demand.

Year	Total Population	Percent Increase[1]	Annual Growth Rate (CAGR)[2]
1990	1,123	----	----
2000	1,420	26%	2.4%
2010[3]	2,336	65%	5.1%
2035	3,658	57%	1.8%

Notes:
1. The percentage increase in population during the 10-year period ending at the year indicated in that row.
2. The compounded annual growth rate during the 10-year period ending at the year indicated in that row.
3. The 2010 Population has been adjusted from the information provided by the 2010 Census because the Census Designated Place (CDP) for San Miguel is slightly different than the San Miguel URL.

San Miguel's layout and land use patterns are largely influenced by geography, land ownership, and transportation corridors. San Miguel is on two terraces overlooking the Salinas River, near where it is joined by the Estrella River. San Miguel is crossed by several parallel features that define its boundaries and influence the land use pattern. The community is defined on the west by Highway 101 and the steep hillside along the highway's western edge. The Salinas River runs along San Miguel's eastern side, although the community's Urban Reserve Line extends east of the river to include the old landing strip site and a portion of the San Lawrence Terrace development. The Union Pacific railroad tracks run through the middle of town, almost equidistant from the highway and the river.

A graphical depiction is presented below which illustrates the topographic profile of San Miguel, which consists of two terraces connected by a steep slope. The upper terrace extends from Highway 101 to a point east of the alley between K and L Streets. The lower terrace extends from L Street to the Salinas River. The upper terrace has views of the hills east of the river.



The older, more fully developed part of town lies between the highway and the railroad. This part of San Miguel is laid out as a grid of blocks measuring 400 feet in the north/south direction and 320 feet in the east/west direction. A north/south alley divides each block into 150-foot deep parcels.

East of the railroad tracks, only the land fronting on N Street from 11th Street to 15th Street was originally subdivided in the same manner as the older part of town between the highway and the railroad property. Prior to 2003, the remainder of the land located between N Street and the river was without a formal network of streets and lots. Newer subdivisions have incrementally provided lot patterns and street segments on a piecemeal basis that one day will be connected as other larger intervening lots develop.

The west side of N street remains undeveloped, in part because the right-of-way needed by the railroad leaves an even shallower developable strip than on the west side of the tracks. East of N Street and south of River Road, the absence of a coherent street system has acted as a deterrent to development.

On the south end of town are the key landmarks of historic San Miguel. The Mission San Miguel Archangel and the Rios Caledonia Adobe, which once served as a stagecoach stop, bring a high number of annual tourist visits. Proceeding north on Mission Street from these historical sites, industrial uses can be seen on the right side of the street next to the railroad tracks, while single family residences blend with businesses on the west side.

Mission Street is San Miguel's main street and primary commercial corridor. Most businesses are clustered between 11th and 14th Streets, which is the area generally considered to be the downtown core. Some buildings in this area date back to the Victorian Age. Most development involves traditional one-story retail buildings built to the sidewalk. The community continues to see Mission Street as a focal point and an opportunity to draw visitors and tourists to the downtown area from the mission and the adjacent Rios Caledonia Adobe.

Mission Street has buildings primarily on the west side of the street, but development on that side of the street has dwindled during the past 30 or 40 years, as some buildings in poor condition have been

removed and not replaced. With a few exceptions, the east frontage of Mission Street is vacant. The railroad has sold several shallow parcels fronting on Mission Street to other private owners, but these have remained undeveloped.

3.0 LAND USE

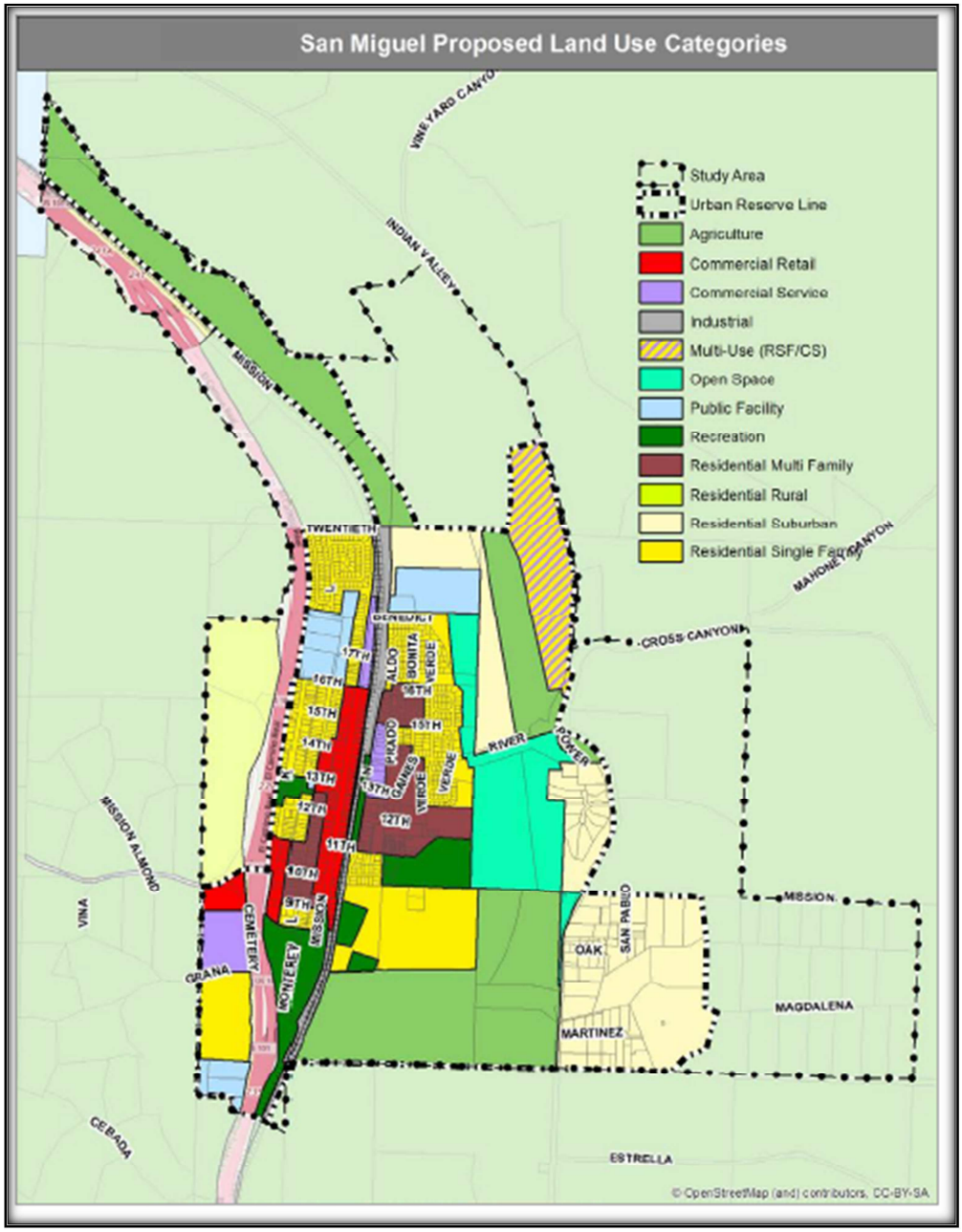
The San Miguel CSD Service Area covers approximately 1,530 acres. The table below shows a summary of the different land use types within San Miguel and the approximate acreage for each land use type. Where residential uses are allowed, the table identifies the average number of dwellings allowed in terms of dwelling units per acre, the number of units that existed in 2013, the number of potential new units that could be added based on the acreage of each land use type, and population estimates. Non-residential uses are characterized in terms of potential floor area expressed in square footage.

San Miguel Land Uses

Land Use Category	2013 Baseline Conditions		2035 Plan Horizon				(Beyond 2035) Future Capacity		
	Residential Units	Commercial (1000 sq.ft)	Acreage	Residential Units	Commerical (1000 sq. ft.)	Population	Avg. Potential Density	Residential Units	Commerical (1000 sq.ft.)
Residential Land Use Categories									
RMF Residential Multi-Family	265	--	67.45	312	--	991	12.6 units/ac.	853	--
RSF Residential Single Family	384	--	183.11	674	--	2,135	3.8 units/ac.	708	--
RS Residential Suburban	88	--	95.13	122	--	388	1.4 units/ac.	133	--
Commerical Land Use Categories									
CR Commerical Retail	--	63	26.19	46	148	144	3.3 units/ac.	97	394
CS Commerical Service	--	12	34.17	--	59	--	--	--	255
IND Industrial	--	0	18.79	--	3	--	--	--	3
Other Land Use Categories									
AG Agriculture	--	--	102.73	--	--	--	--	--	--
OS Open Space	--	--	81.49	--	--	--	--	--	--
PF Public Facilities	--	--	26.4	--	--	--	--	--	--
REC Recreation	--	--	32.78	--	--	--	--	--	--
Totals	737	75	671.24	1,154	210	3,658		1,791	652

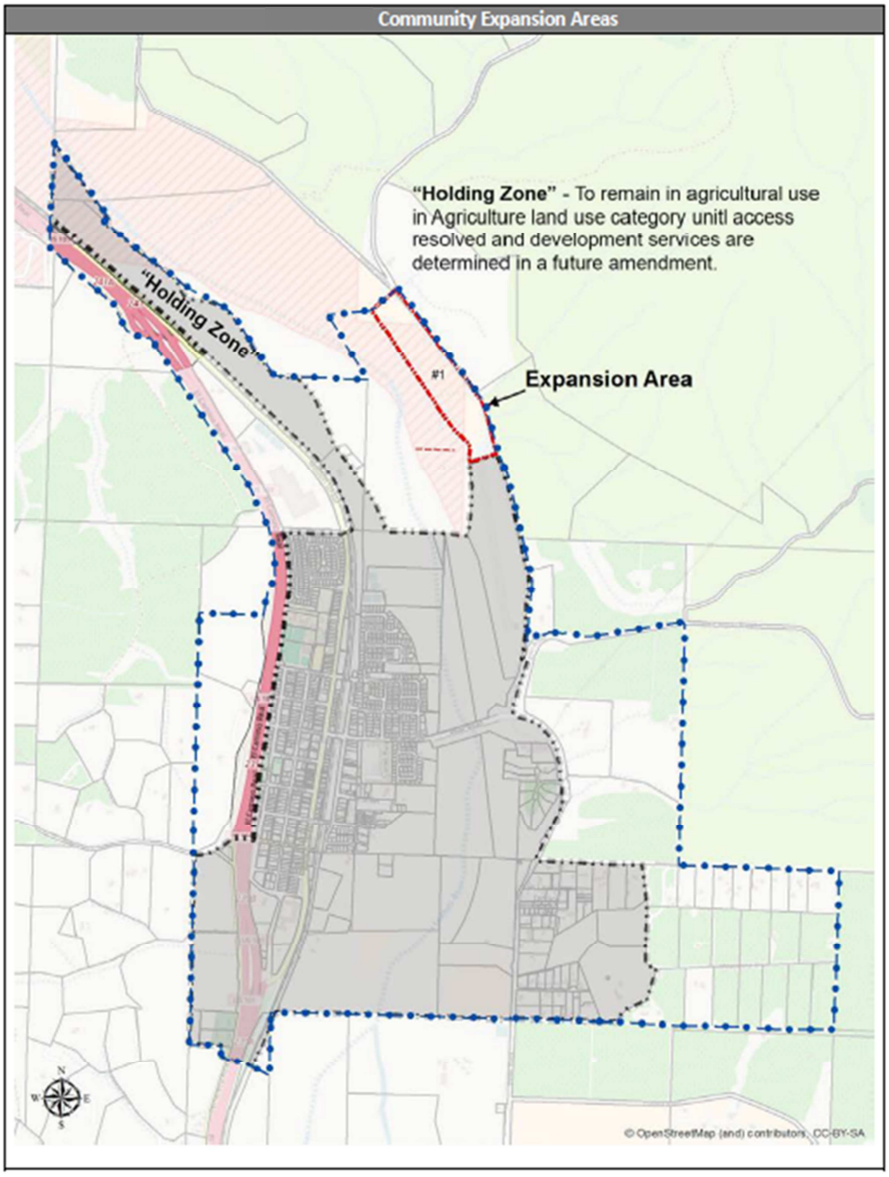
The Land Use Plan map is presented below which depicts a variety and balanced arrangement of proposed land uses that will serve the needs of the community as it develops in the future. The map

illustrates where the land use areas are located, but it is not intended to show the exact boundaries of proposed land use categories (zones). Instead, it shows generalized land use patterns that provide the basis for the more specific land use categories that are shown on the Official Maps of the Land Use Element. Those land use categories determine where the requirements and standards of the San Luis Obispo County Land Use Ordinance apply.



4.0 POTENTIAL DEVELOPMENT

The Study Area considered under this Community Plan is coterminous with the boundary of the San Miguel Community Services District (CSD), as approved by the Local Agency Formation Commission. In the future, when the town expands and additional land is required for new urban development, especially land uses that would provide opportunities for new businesses and employment, community expansion should occur within the 2013 CSD boundaries. This Plan identifies two sites for potential community expansion. These areas are graphically depicted in the Figure presented below.



Expansion Area #1 is located on the west side of Indian Valley Road, just north of the old landing strip site that is referred to as the Indian Valley Road area (see Figure 3-M). This site is also a relatively level area on the upper river terrace. This site is large enough to accommodate a variety of uses, but its location on the east side of the river is less convenient for future expansion.

Expansion Area #2 is located near the southerly end of town, east of the railroad tracks and southeast of the mission. The site contains about eight acres that are gently sloped and outside of the flood hazard area. There may be access constraints due to the railroad tracks. This site's size would limit it to smaller-scale projects that may be appropriate for the southern gateway to town. Recreational or visitor-serving uses would be most appropriate for this area.

In order to expand the community to include any of these sites, an amendment to this Plan will need to be approved. A proposal to expand the community would address things like access and circulation, extension of utilities, water supply, parks and open space, development intensity, and community facilities needed for development (e.g. roads, parks, and water and sewer lines).

5.0 WATER SYSTEM ANALYSIS

5.1 EXISTING INFRASTRUCTURE

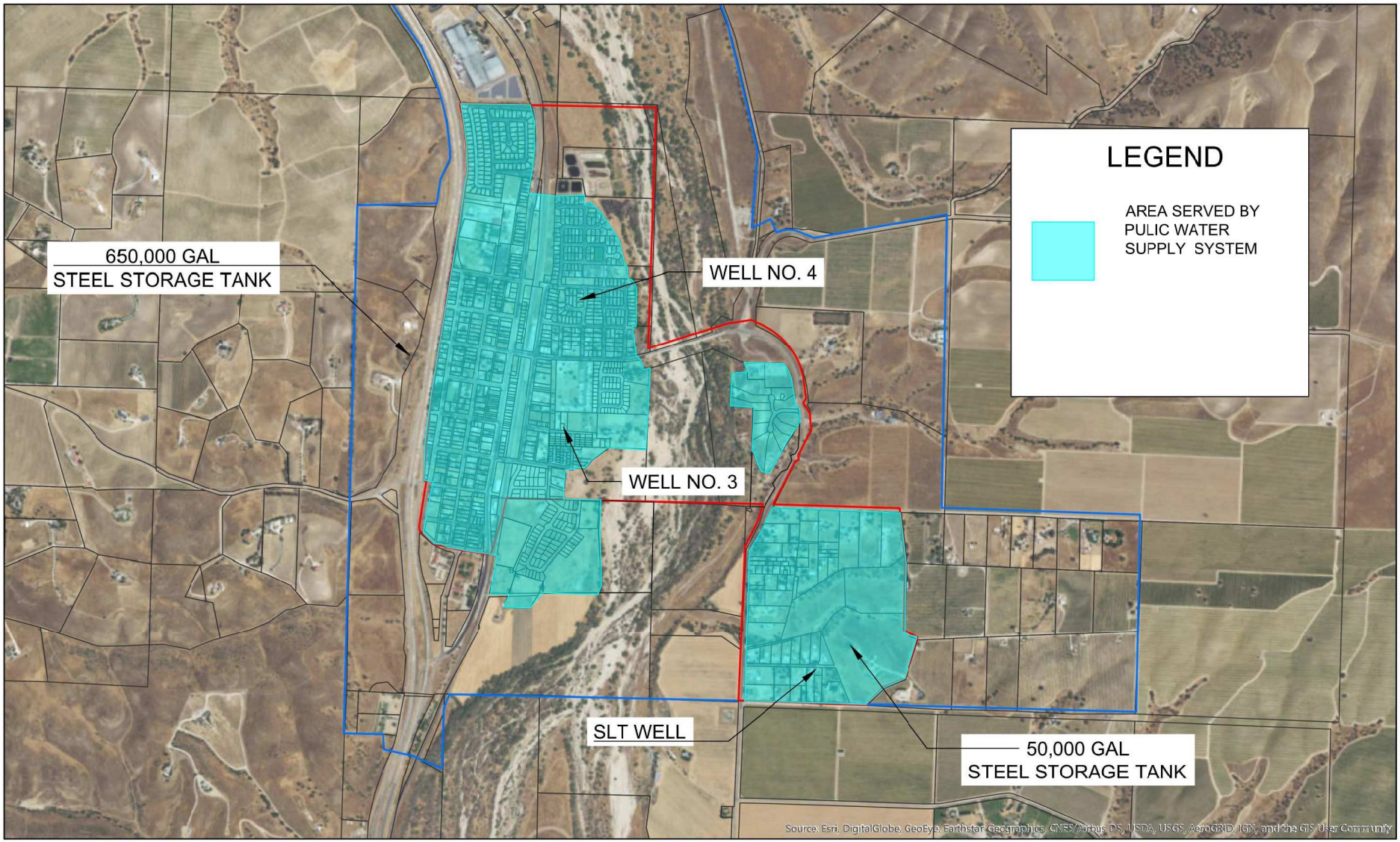
A summary of the major components that comprise the SMCSD public water supply system is presented in the following sections of this report. A graphical depiction of the general service areas and facility locations is included in the following water service area map. At the present time, the entire SMCSD water system service area is located within a single pressure zone (Main Zone). This represents a change from historical conditions, when the SMCSD water system was comprised of two (2) independent pressure zones (i.e. the Main Zone and the San Lawrence Terrace Zone. These zones were combined when the 650,000 steel storage tank, which is located on the west side of U.S. 101, was completed and brought online in 2008. Prior to that, the two zones were separated by a closed valve in River Road, near the location of the SLT Booster Station. Although the SLT Booster Station is no longer in regular service, it is still functional and equipped with two (2) 80 gpm pumps.

5.1.1 WATER SUPPLY WELL FACILITIES

The SMCSD currently derives its water supply from three water supply wells. These wells are designated as follows:

- Well No. 3 which is located off 12th Street
- Well No. 4 which is located off Bonita Place
- San Lawrence Terrace (SLT) Well which is located off Martinez Drive

Each of these wells produces groundwater from the Paso Robles Formation (QT_p) which is a significant water bearing unit within the Paso Robles Groundwater Basin. The Paso Robles Formation is a Plio-Pleistocene, predominantly non-marine geologic unit comprised of relatively thin, often discontinuous sand and gravel layers interbedded with thicker layers of silt and clay. It was deposited in alluvial fan, flood plain, and lake depositional environments. The formation is typically unconsolidated and generally poorly sorted. It is not usually intensely deformed, except locally near fault zones. The sand and gravel beds within the unit have a high percentage of Monterey shale gravel and generally have moderately lower permeability compared to the shallow, unconsolidated alluvial sand and gravel beds. The



N

1 Miles

SMCSD - WATER SERVICE AREA

formation is typically sufficiently thick such that water wells generally produce several hundred gallons per minute (gpm).

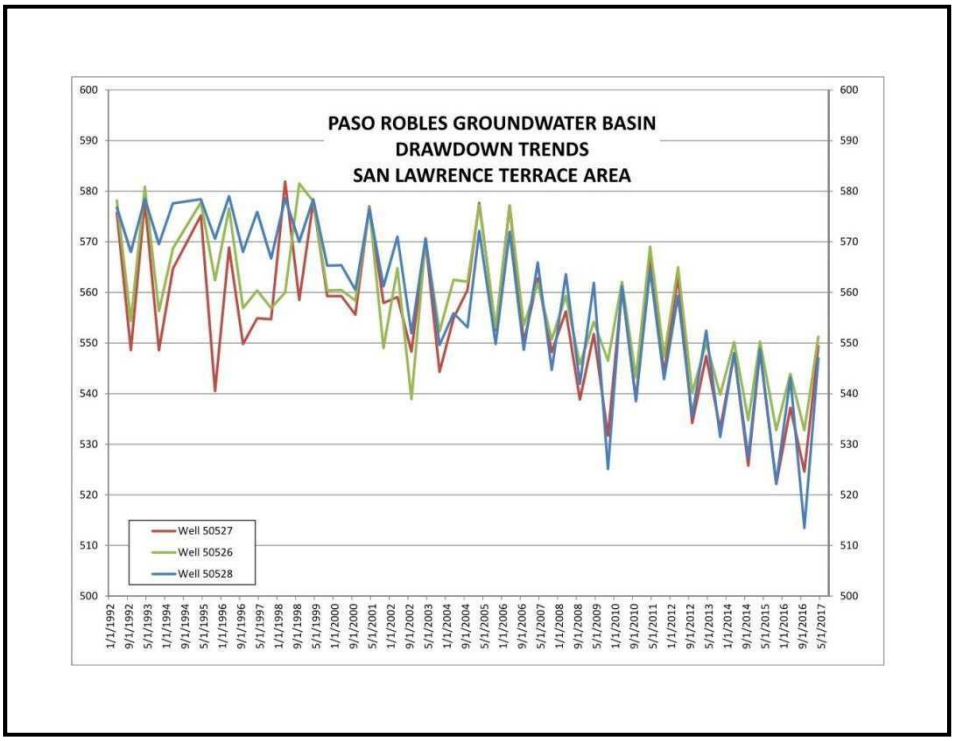
San Miguel is at the northern edge of the Estrella area of the Paso Robles Groundwater Basin, where the depth to the base of permeable sediments reaches approximately 2,400 feet below sea level, with a saturated thickness of close to 3,000 feet. Water wells in the Estrella area are typically less than 600 feet deep. Limited specific capacity data from wells in the region suggest a range of less than 2 gpm/ft to as high as 6 gpm/ft. Wells exhibiting the lower specific capacity values are mostly located west of Highway 101. Well yields in the San Miguel area generally range from less than 100 gpm to several hundred gpm.

There is evidence that the groundwater levels in the SMCSD area have been declining over recent years. The following graph depicts the historic trends in the groundwater levels within the Paso Robles Groundwater Basin in the vicinity of the District. The cluster of monitoring wells from which the data was taken is located at the intersection of River Road and Power Road, on the east side of the Salinas River. The location of the subject monitoring wells is presented below.

A graphical depiction of the trends in drawdown in the three (3) well cluster is presented below. The period of record is from April 1992 through April 2017. Water levels are measured by SLO County each April and October. Based on a review of the historic data it appears that there is generally an increase in the groundwater table elevation after the winter rainy season, with the magnitude of recovery ranging from 10 – 30 feet. It is also evident that there is a long term declining trend in the groundwater table over the period of record. The declining groundwater level in the groundwater basin has a direct impact

on the production capacity of each of the SMCSD water supply wells. As the water level declines, the production capacity of the wells also decrease.

An analysis was performed of the historic pumping records for each of the SMCSD water supply wells to estimate the current pumping capacity and the probable annual production yield. Utilizing the daily and monthly pumping records for the period between January 2015 and September 2017, the average production capacity for each of the wells was estimated. The results of the analysis are summarized below.



A comparison was made between the production capacity of the three (3) SMCSD wells with similar data for the period between 1999 and 2000. (Ref Water Master Plan for SMCSD, dated March 2002). Based on the results of the comparison, it appears that the total combined pumping capacity from the SMCSD wells has declined from 1300 gpm in 2002 to 1156 gpm under existing conditions. The historical annual production has increase from 247 AF/YR to 276 AF/YR and the maximum combined supply capacity, assuming all wells are pumping for 12-hours per day for 365 days/YR has declined from an annual volume of 1049 AF in 2002 to 932 AF under existing conditions.

WELL	CAPACITY[1] GPM	HISTORICAL PRODUCTION[2] AFY	MAXIMUM PRODUCTION[3] AFY
WELL NO. 3	275	85	222
WELL NO. 4	596	190	480
SLT WELL	285	1	230
TOTAL	1156	276	932

Notes:
1. Well capacity refers to the average observed pumping rate of the well between Jan 2015 - Sep 2017.
2. Historical Production is the average annual amount of water the wells produced between Jan 2015 and Sept 2017.
3. Maximum production is the amount of water the well could produce if pumped at capacity 12-hours per day per year.

The water currently produced by the District's Well Nos. 3 and 4 meet all of the Primary Drinking Water Standards, as set by the EPA. The water also meets the established secondary contaminant levels. An increasing trend of radionuclides in the groundwater (Wells 3 and 4), especially the rising presence of gross alpha emitters approaching the MCL in the San Miguel water supply, continues to be a significant concern. The presence of gross alpha emitters is from naturally occurring decay of Uranium-238 and Thorium-232. Wells 3 and 4 have shown increasing levels of gross alpha particles through the years, although the average is currently below the MCL. The SMCSD continues to monitor the radionuclide levels in the water supply.

The water currently produced from the SLT Well exhibits elevated levels of arsenic. Recent testing indicated that the arsenic concentration in the water supply from this well was 6 parts per billion (ppb). The Maximum Contaminant Level for arsenic in drinking water is 10 ppb, indicating compliance with the Primary Drinking Water Standards, as set by the EPA. The water also meets the established secondary contaminant levels.

The SMCSD is currently in the process of installing a new water transmission pipeline which will provide for a direct connection to the existing San Lawrence Terrace (SLT) steel storage tank. When completed, these improvements will provide for enhanced blending of the SLT Well water supply with water supplies from the other SMCSD wells, resulting in decreased arsenic concentration in the water distribution system.

5.1.2 WATER TREATMENT FACILITIES

The only water treatment that the SMCSD performs is disinfection at each of the three (3) well sites. The SMCSD injects liquid sodium hypochlorite solution into the supply prior to discharge into the water distribution system. The SMCSD continues to monitor the water quality in its supply wells and in the

event that concentrations of those contaminants begin to approach EPA Safe Drinking Water Standards or those standards change, then the District may consider adding additional treatment processes.

5.1.3 WATER DISTRIBUTION FACILITIES

The SMCSD water distribution system includes 77,426 feet (14.7 miles) of transmission and distribution system pipes ranging in size from 2-inches to 16-inches in diameter. Approximately 10 percent (7504 LF) of these mains are 4-inches in diameter or smaller. Approximately 25 percent of the system was constructed before 1960. Approximately 10% of the system is asbestos cement pipe (ACP).

In addition to the transmission and distribution pipelines, the SMCSD water distribution system includes numerous appurtenances which include valves, fire hydrants, and sampling stations. The complete system inventory is summarized below.

Item	Description	Qty	Length (LF)
Fire Hydrants	Fire Hydrant	126	--
Sampling Stations	--	32	--
Water Valves	ARV	11	--
	WV	249	--
	Blow off	16	--
	WV - FH	126	--
Water Lines	6" AC	27	7393
	3"AC	5	762
	6" CI	45	11335
	4" CI	15	4826
	2" CI	1	498
	8" CI (AIP)	2	958
	16" CML & C	1	750
	12" DI	2	1484
	12" PVC	3	309
	10" PVC	14	2381
	8" PVC	192	32404
	6" PVC	75	12613
	4" PVC	1	58
	3" PVC	3	579
	2" PVC	3	635
	8" Unknown material	15	277
	6" Unknown material	1	18
	4" Unknown material	7	146

5.1.4 WATER STORAGE FACILITIES

There are two (2) potable water storage facilities within the SMCSD water system, providing a total of 700,000 gallons of storage. The San Miguel tank is located on a hill on the west side of Highway 101. This welded steel tank was constructed in 2008 and has a storage capacity of 650,000 gallons. The overflow elevation of the tank is 782.5. The San Lawrence Terrace (SLT) is located on a hill on the east side of the Salinas River. This welded steel tank has a storage capacity of 50,000 gallons. The overflow elevation of the tank is also 782.5. Because these two tanks have identical overflow elevation, they float with the pressure of the Main pressure zone.

There are three (3) components to water storage in a public water supply system. These include the following:

- Operational Storage
- Fire Storage
- Emergency Storage

Operational storage is the amount of water needed to equalize the daily supply and demand. Without this storage water production facilities large enough to meet the instantaneous peak demands of the system would be required. With adequate operational storage, the well pumps can operate at the daily average rate while storage facilities meet the hourly peaks. This operating methodology prevents the construction of unnecessary water supply wells and the use of additional well pumps at times when electrical rates are the highest. Based on the typical daily water use patterns of similar communities in the central coast of California to San Miguel, it is recommended that the required operational storage be approximately 25 percent of the Average Day Demand (ADD). The American Water Works Association (AWWA,) in their manual AWWA M-32, recommends operational storage of 20 to 25 percent of buildout ADD for the given service zone or up to 15 percent of the maximum day demand (MDD). Applying a criterion of 25 percent of the ADD, the minimum required operational storage is determined by multiplying the estimated ADD for each "build-out" scenario by 25%. A summary of the estimated operational storage requirements for the SMCSD water system are presented below.

	OPERATIONAL STORAGE REQUIREMENTS (GAL)		
SCENARIO	**EXISTING CONDITIONS**	**3-YR BUILD-OUT**	**LONG TERM BUILD-OUT**
ADD	70,000	80,000	90,000
SUMMER ADD	92,500	105,000	135,000

Fire storage is the volume of water needed to control an anticipated fire in a building or group of buildings. The determination of this storage is based upon a recommended flow rate its duration and a minimum residual pressure as established by the agency of with local jurisdiction. The agencies which

establish the relationships between land use and fire requirements include the Uniform Fire Code UFC and the Insurance Services Office (ISO). The services of ISO are advisory only and are used to establish insurance ratings for cities and communities across the nation. The flow rate and duration of fire flow varies greatly with the type of development with UFC values ranging from 1500 to 15000 gpm for different building types and sizes. Based on input from the SMCSD Fire Chief, it was determined that the critical fire flow demand would be associated with a fire event at the existing mill. The existing mill is an old wooden structure located on Mission Street along the central business corridor. The designated fire flow requirement for this facility is 4500 gpm for four (4) hours. The corresponding fire storage requirement is 1.08 million gallons.

Emergency storage is intended to provide for conditions such as extended power outages pump failures and similar problems. Most water planners accept that during emergencies supply per capita may be reduced to minimum levels. Typically, on that basis an emergency storage volume of 50 gpcd for three days is accepted as a reasonable value. A summary of the estimated emergency storage requirements for the SMCSD water system are presented below.

	EMERGENCY STORAGE REQUIREMENTS (GAL)		
SCENARIO	EXISTING CONDITIONS	3-YR BUILD-OUT	LONG TERM BUILD-OUT
50 gpcd x 3 days	390,000	440,700	497,550

5.2 WATER QUALITY

A review of the 2016 SMCSD Water Quality Report indicates that the water quality in Well Nos. 3 & 4 has been impacted by the presence of radioactive constituents, which are associated with the aquifer bedrock within which the wells are completed. Gross alpha particle activity measurements ranged from 3.98 - 13.1 pCi/L, with an average detection value of 7.05. Uranium was also detected in the water supply from Well Nos. 3 & 4, at concentrations ranging from 5.03 – 10.1 pCi/L. The MCL for these constituents is 15 pCi/L and 20 pCi/l, respectively, indicating that the water supply is in compliance with these contaminants but warrants ongoing future monitoring.

The 2016 SMCSD Water Quality Report also indicates that the water quality in the SLT Well has been impacted by the presence of arsenic, which is associated with the aquifer bedrock within which the well has been completed. Arsenic concentration measurements ranged from 3 - 13 ppb, with an average detection value of 9. The MCL for this constituent is 10 ppb, indicating that the water supply is periodically out of compliance with this contaminant. As described previously, the SMCSD is currently in the process of disconnecting this well from a direct connection to the distribution system and installing a new transmission which will allow the water produced from the SLT Well to be blended with water produced from Well Nos. 3 & 4 before being introduced into the distribution system.

5.3 WATER DEMAND ANALYSIS

5.3.1 OVERVIEW OF DEMAND SCENARIOS

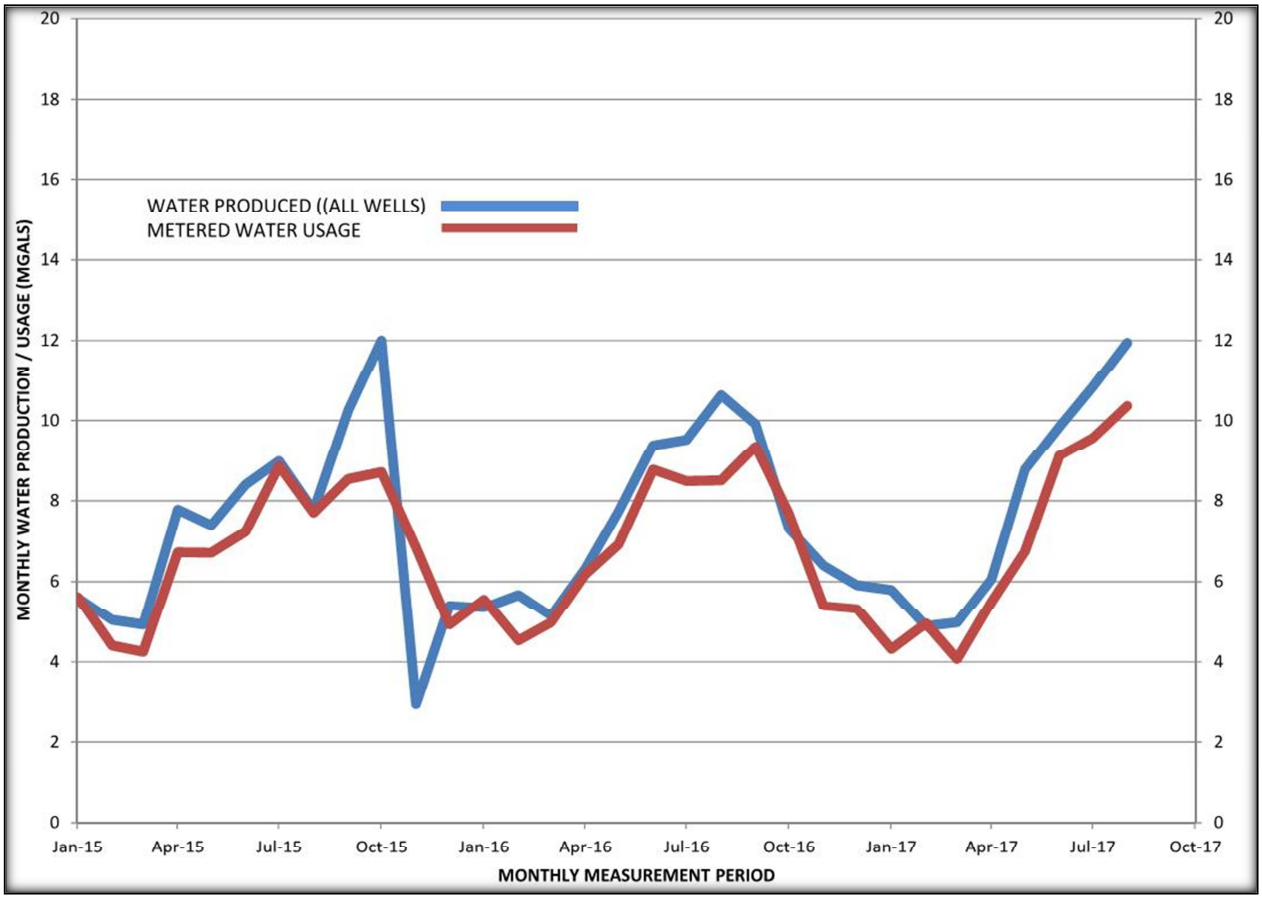
The design requirements for the water distribution system relate primarily to the flow and pressures delivered by the system to the residences. Pressures below 20 psi are not acceptable in a municipal water system. Ideally normal operating static pressures will be within the range of 40 to 80 psi. This is the range that most people find comfortable and will serve most fire sprinkler systems. Pressures higher than 80 psi are acceptable within the distribution system but should be reduced to 80 psi at the service connection to prevent water hammer effects or leakage through rapidly weakening washers and seats. The water system demand scenarios examined in the in conjunction with this study include fire flow, maximum day demand, peak hour demand and average day demand. These demands are summarized in a subsequent section of this report.

When discussing water system demand scenarios, it is important to define some of the terminology commonly used to describe and analyze water system demands.

- Average Daily Demand (ADD): This flow condition represents the most common hydraulic condition that is anticipated to occur within the water distribution system. The ADD is estimated based on an analysis of historic water production and usage data over the entire year. The ADD during the summer months is also often computed because the average demand tends to be higher during the warmer months when the humidity is lower and the demand for landscape irrigation and other outdoor water uses tends to be higher. This demand scenario is referred to as the Summer Average Daily Demand (SADD)
- Maximum Day Demand (MDD): The MDD condition in the central coast of California typically occurs during the warmest summer months when the temperatures are high and the humidity levels are low. The MDD is estimated based on an analysis of the historic daily water production data. In most cases, a peaking factor of 2.0 can be applied to the Average Day Demand (ADD) to reasonably estimate the MDD.
- Peak Hour Demand (PHD): The PHD is a condition that occurs on a transient basis and is utilized to in hydraulic simulations to identify system deficiencies at the maximum domestic use conditions. In most cases, a peaking factor of 3.5 can be applied to the Average Day Demand (ADD) to reasonably estimate the PHD.
- Fire Flow: Residential, commercial, and downtown fire flow requirements were established based on discussions and coordination with the San Miguel Fire Department. The scenarios considered include: Residential including Multi-Family fire flow of 1500 gpm; Commercial fire flow of 2500 gpm; and the Grain Mill fire flow of 4500 gpm were evaluated. In accordance with UFC requirements, during hydraulic simulations no more than 1000 gpm was extracted from any single hydrant. It was assumed that maximum day demand was occurring concurrent with the fire flow. All reservoirs were assumed to be 3/4 full when the hydraulic simulations were performed.

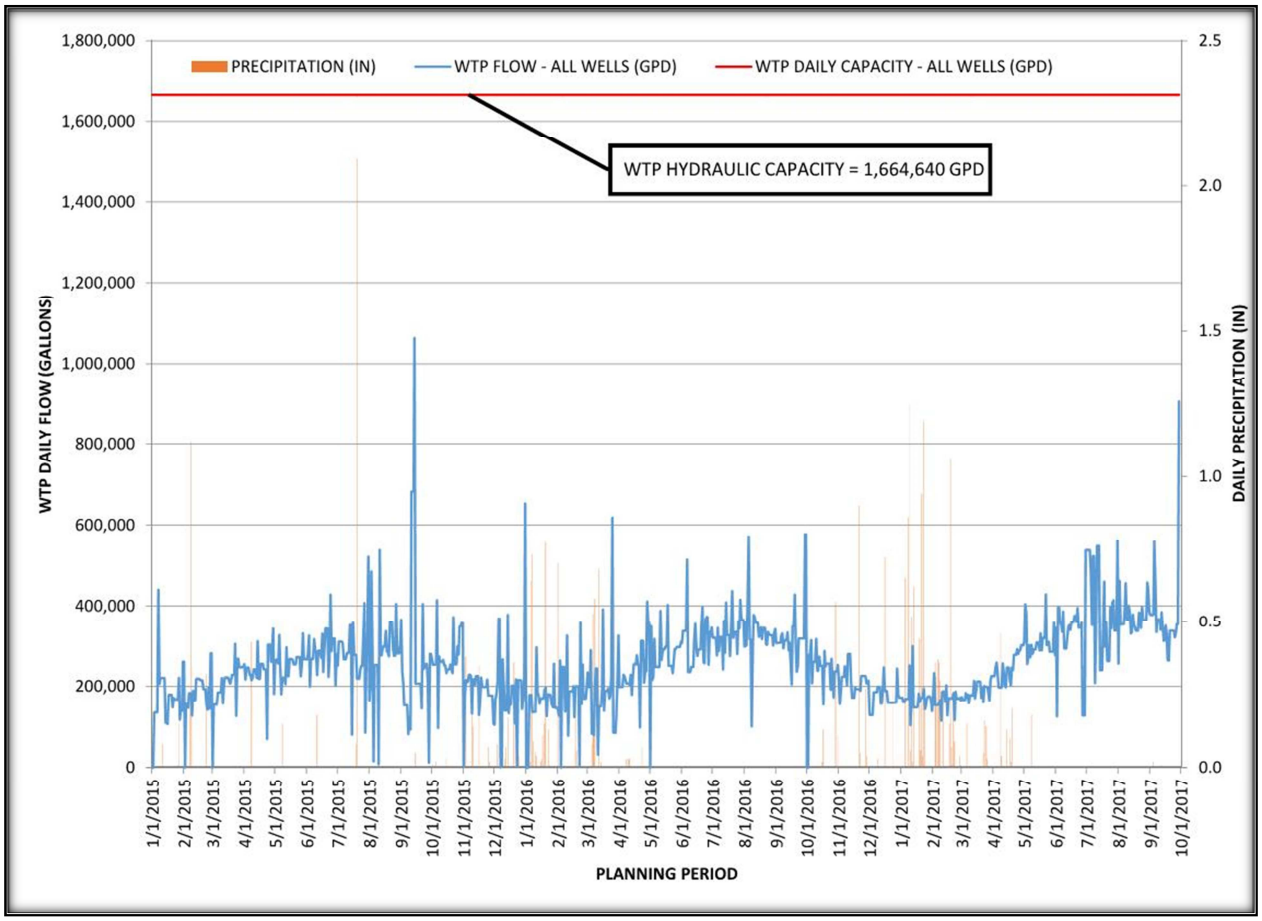
5.3.2 HISTORIC WATER DEMANDS

For the purposes of determining the appropriate water system demands for existing and future conditions, an analysis was performed on the SMCSD historic water production and usage data. Given that there has been a moderate level of residential housing growth within the SMCSD service area within the past several years, the period of historic water demand and water usage was limited to the period between January 2015 and September 2017. During this period, the monthly volume of groundwater produced from all District wells ranged from a low of 4.87 MGAL in February 2017 to a high of 11.93 MGAL in August 2017. (Note: The data for October and November, 2015 were ignored due to a metering anomaly). A graphical depiction of the monthly water production vs metered sales data is presented below.



A comparison was made of the total volume of water produced during the referenced time frame and the total volume of water that was delivered to SMCSD customers though metered sales. The results of the analysis indicate that during this period, approximately 9 percent of total water production occurred as unmetered use, which is generally referred to as “unaccounted for water” (UAW). UAW should be minimized where possible since it requires SMCSD resources to produce but does not generate revenue. The SMCSD UAW is relatively low compared to other water agencies within the region. For perspective, the American Water Works Association AWWA M32 indicates that UAW typically ranges from 10 to 15 percent.

For the purposes of estimating the average daily demand for the SMCSD water system, it was necessary to analyze the daily production records for each of the three SMCSD production wells. Initially, an analysis of the daily well production data for the period between January 2015 and September 2017 was performed. A graphical depiction of that data is presented below.



Based on a review of the data for the referenced planning period, it was determined that the water demand conditions have changed significantly beginning in late 2016 through present. In discussion with SMCSD staff it was determined that with the completion of several new residential housing developments in recent months, the number of water connections had increased. Therefore it was decided that for the purposes of estimating the water demand design parameters described previously, the daily flow data for the period between January 2017 and September 2017 would be utilized. The corresponding water demand design parameters for the existing conditions are summarized below.

WATER DEMAND SCENARIO	EXISTING CONDITIONS FLOW (MGAL/DAY)
Average Daily Demand (ADD)	0.28
Summer Average Daily Demand (SADD)	0.37
Maximum Daily Demand (MDD)	0.57
Peak Hour Demand (PHD)	0.99
Estimated Population Served	2600
Estimated Number of Water Meter Connections	823

5.3.3 FUTURE WATER DEMAND SCENARIOS

To evaluate the capacity of the SMCSD to adequately serve the future growth that is likely to occur within the District's service area, an analysis was performed to estimate the future water demands on the water system. For the purposes of this analysis, two (2) future water demand scenarios were analyzed. These include the following:

- Prediction of conditions after a 3-year "Build-Out" period
- Prediction of conditions in the future when all developable property within the current SMCSD District boundary occurs (i.e. Full "Build-Out")

The 3-year "build-out" scenario would include the development of Tract Nos. 2527, 2647, and 2779. If these three developments are completed within the next three (3) years then an additional 107 (+/-) single family residential units will be connected to the SMCSD water system. Assuming that similar per capita water usage patterns will occur in the new developments that currently exist within the SMCSD service area today, then the projected water demand design parameters for this scenario will be similar to those summarized below.

WATER DEMAND SCENARIO	3-YR BUILD-OUT FLOW (MGAL/DAY
Average Daily Demand (ADD)	0.32
Summer Average Daily Demand (SADD)	0.42
Maximum Daily Demand (MDD)	0.64
Peak Hour Demand (PHD)	1.12
Estimated Population Served	2938
Estimated Number of Water Meter Connections	930

Under the full "build-out" scenario, future development that could occur would include the development of a 60-lot residential subdivision on the west side of Highway 101, on property adjacent

to the cemetery; the development of a 38-lot residential subdivision in the San Lawrence Terrace area; and a 20-lot residential development on the west side of Highway 101, on property which lies generally west of the elementary school / Mission Heights area. Under a scenario where all of these developments occur and all existing buildable parcels within the community of San Miguel are developed, then the projected water demand design parameters for this scenario will be similar to those summarized below.

It is important to note that the full "build-out" scenario does not include any estimates of future water demand which may be associated with Expansion Area #1 which is located on the west side of Indian Valley Road, just north of the old landing strip site that is referred to as the Indian Valley Road area. Nor does it include any estimates of future water demand which may be associated with the 8-acre Expansion Area #2 is located near the southerly end of town, east of the railroad tracks and southeast of the mission.

WATER DEMAND SCENARIO	FULL BUILD-OUT FLOW (MGAL/DAY
Average Daily Demand (ADD)	0.37
Summer Average Daily Demand (SADD)	0.49
Maximum Daily Demand (MDD)	0.75
Peak Hour Demand (PHD)	1.31
Estimated Population Served	3317
Estimated Number of Water Meter Connections	1088

5.4 WATER SYSTEM HYDRAULIC ANALYSIS

5.4.1 MODEL DEVELOPMENT

A computer model of the SMCSD water distribution system was created for the purposes of analyzing the water systems performance characteristics under various demand scenarios and to assist in the identification of system deficiencies. Those deficiencies that were identified provided the basis for the recommended capital improvements for the SMCSD water system that are described in subsequent sections of this report.

The water distribution system hydraulic model that was developed was created using the EPANET software, which was developed by the U.S. Environmental Protection Agency (USEPA). EPANET was developed to perform extended-period simulations of hydraulic and water-quality behavior within pressurized pipe networks. The model incorporates the Hazen-Williams formula as the basis for computing head loss and flow velocities within the pressure pipe network. For the purposes of hydraulic model development, the water distribution system is discretized into individual pipe segments which are connected by nodes. In general, the connecting nodes represent existing valves and fire hydrants. Additional components that comprise the model include water supply wells, storage tanks, and booster pump stations.

The configuration of the water distribution system which was used for simulation was developed from the GIS databases which were prepared by the Wallace Group in conjunction with the creation of the Water Utility Atlas in September 2015. This information was augmented with information obtained from improvement plans which have been submitted to the SMCSD for proposed future developments.

Simulations were performed for each of the following development scenarios. A description of these is presented in a previous section of this report.

- Existing Conditions
- 3-Year "Build-Out" Conditions
- Full "Build-Out" Conditions

Five (5) distinct hydraulic demand scenarios were analyzed for each of these development scenarios. These include the following demand conditions. The flow data that was utilized for each of these demand scenarios is described in a previous section of this report.

WATER DEMAND SCENARIO
Average Daily Demand (ADD)
Summer Average Daily Demand (SADD)
Maximum Daily Demand (MDD)
Peak Hour Demand (PHD)
Fire Demand

The hydraulic criterion which were utilized to evaluate the ability of the SMCSD water distribution system to meet user demands under the stated development and demand scenarios are summarized below. The basis for the stated criterion include both recommendations from the AWWA and State of California requirements

- Water Supply: The source of supply should adequately meet customer needs. The water supply wells should be capable of meeting MDD with the largest source of supply out of service. The water supply system should be capable of replenishing the required fire storage over 72 hours during MDD conditions.
- Piping Systems: Pipe systems are considered deficient, or limiting, if any of the following conditions are met:
    - Velocities exceed 5fps
    - Head losses exceed 10 ft per 1000 ft (ft/Kft)

      Note: A velocity of 10 fps is acceptable only if the head loss criteria are met. Pipelines in which these conditions occur may prevent the system from providing adequate flow and/or pressure. These conditions may be improved by modifications in pipe sizing and/or flow routing.

- Minimum Pressures: Section 64566 of Title 22 of the California Code of Regulations requires that any changes to the water system should result in a minimum operating pressure of 20 psi under PHD and ADD plus fire flow demand conditions. System pressure is considered unacceptable if it falls below 30 psi for PHD conditions and below 20 psi for MDD plus fire flow demand conditions. Negative pressures indicate that the system is unable to provide the required flow to meet demand at that location and could potentially result in an introduction of contaminants to the water distribution system.
- System Storage: The available storage capacity within the water distribution system must meet the requirements for the following: Operational Storage; Emergency Storage; and Fire Demand Storage. The requirements for each of these storage scenarios are described in a previous section of this report.

5.4.2 HYDRAULIC MODELING RESULTS

As described in previous sections of the report, hydraulic modeling was performed to assess the capacity of the existing water distribution system adequately deliver acceptable water supply during the following demand scenarios.

- Average Daily Demand (ADD)
- Summer Average Daily Demand (SADD)
- Maximum Daily Demand (MDD)
- Peak Hour Demand (PHD)
- Fire Flow Demands

Based on the results of the hydraulic modeling of the existing water distribution system, it was determined that the capacity of the existing system on the west side of the Salinas River is generally adequate and is capable of meeting all water demands under the specified demand conditions, with the exception of the “Mill” fire flow demand scenario. Under this scenario, five (5) different fire hydrants, located in close proximity to the “Mill”, would be subject to demands approaching 1000 GPM simultaneously. This condition will result in localized low (and in some cases negative) pressure conditions within the water distribution system. Additionally, this will create a condition that will drop the pressure in the pipe(s) between the main part of the distribution system and the San Lawrence Terrace network to pressures below 20 psi. In comparison, numerous other Fire Flow demand scenarios were also performed under the MDD hydraulic demand scenario. Based on the results of these analyses, it was concluded that, provided that no single fire hydrant demand exceeds 1000 GPM, the existing pipe network west of the Salinas River was determined to be adequate for meeting the specified fire demand scenarios under all reasonable Residential, Multi-Family, and Commercial fire scenarios.

Under ADD, SADD, MDD, and PHD conditions, the water distribution pipeline in portions of the San Lawrence Terrace service area were determined to be low, and in some cases below 20 psi. Specifically, the water mains located in the immediate vicinity of the SLT 50,000 gallon storage tank and the water mains that serve the larger parcels on Mission Lane experience low pressures during most of the water demand scenario simulations.

5.5 WATER SYSTEM ADEQUACY ASSESSMENT

5.5.1 OVERVIEW

An assessment was developed regarding the adequacy of the existing SMCSD water supply, treatment and distribution system to meet the existing and future demands of the District's customer base. This adequacy assessment is based on a combination of factors. The most important of these factors include direct input from SMCSD utility operations staff who have an intimate understanding of how the existing system is configured and performs under a variety of operational scenarios. It is the operations staff who has the institutional knowledge regarding maintenance requirements and repair history of the system, as well as the experience gained from the day to day duties required to operate and maintain the system. Input from the operations staff was supplemented with extensive reviews of "As-Built" drawings and construction documentation; previously prepared engineering and related technical reports and documents; personal site inspections; and the results of the hydraulic modelling of the water distribution system. Collectively, all of these sources information were considered in the development of the findings regarding water system adequacy which are summarized in the following sections of this report.

5.5.2 WATER SUPPLY WELL FACILITIES

The combined production capacity when all three (3) existing water supply wells are in service is more than adequate to meet the existing and future demands of the SMCSD. In 2017, the combined production capacity was approximately 1085 gpm (1.56 MGPD). Under the current (i.e. existing conditions) MDD scenario, the combined capacity exceeds this demand by approximately 1 MGPD. Under full "build-out" MDD conditions, the combined capacity exceeds this demand by approximately 0.25 MGPD. This excess production capacity is significantly reduced should the largest production well (i.e. Well No. 4) be unavailable. Under these conditions, the existing MDD demand of 0.57 MGD would require that Well No 3 be operated continuously and that the SLT Well be operated approximately 14 hours a day, assuming no net change in storage. This scenario is problematic due to the elevated arsenic levels in the SLT well. The operation of the SLT Well at the rates required to meet existing and future MDD scenarios would likely result in the arsenic levels within the distribution system exceeding the MCL.

Another issue that may adversely affect the adequacy of the water supply system is the presence of radioactive constituents in the groundwater supplied by Well Nos. 3 & 4. Although the concentrations of these constituents are currently within compliance of the MCL, they are high and there have been periodic spikes in the concentrations of these constituents that have exceeded the MCL. Any future increases in the levels of radioactive constituents in Well Nos. 3 & 4, could result in the limitation, or even curtailment, of their operational status.

5.5.3 WATER TREATMENT FACILITIES

Under existing conditions, the only water treatment that the SMCSD performs is disinfection at each of the three (3) well sites. The SMCSD injects liquid sodium hypochlorite solution into the supply prior to discharge into the water distribution system. As described in a previous section of this report, the SMCSD continues to monitor the water quality in its supply wells, with specific attention being paid to arsenic levels in the SLT Well and radioactive constituents in the groundwater supplied by Well Nos. 3 & 4. Concentrations of those contaminants are elevated and are approaching the existing EPA Safe Drinking Water Standards. In fact, there have been isolated sampling events where each of the subject MCL's have been exceeded.

5.5.4 WATER DISTRIBUTION SYSTEM FACILITIES

As described in a previous section of this report, the SMCSD water distribution system includes 77,426 feet (14.7 miles) of transmission and distribution system pipes ranging in size from 2-inches to 16-inches in diameter. Approximately 10 percent (7504 LF) of these mains are 4-inches in diameter or smaller. Approximately 25 percent of the system was constructed before 1960. Approximately 10% of the system is asbestos cement pipe (ACP).

Except under a severe fire demand event, such as the "Mill" fire scenario, the hydraulic capacity of the existing water distribution system on the west side of the Salinas River is generally adequate to meet all anticipated demands for the existing and future development scenarios that were analyzed. Notwithstanding the apparent hydraulic adequacy, there are issues affecting distribution system adequacy with regard to the age and material types of some of the components which comprise the system. Approximately 6,100 LF of existing water mains contain pipe diameters that are less than 6 inches and that are manufactured from cast iron or asbestos cement. These small diameter pipelines are considered inadequate and should be considered for replacement.

The majority of these smaller diameter pipes have been in the ground for greater than 50 years and represent significant maintenance problems currently and will require an increasingly significant cost burden for repair and maintenance in the future. Consideration should be given to implementing a water main replacement program which will provide for the replacement of these older & smaller diameter water mains, including the associated valves and appurtenances, with new PVC or HDPE pipes and valves / appurtenances. The replacement program can be implemented over a multi-year period to allow for the capital improvement costs to be budgeted as funds are available to the SMCSD. Additionally, some of these projects may be eligible for grant funding assistance under both state and federal programs.

5.5.5 WATER STORAGE FACILITIES

The SMCSD water system currently includes two (2) steel water storage tanks with a combined capacity of 700,000 gallons. This volume of storage is adequate to meet both existing and future "build-out" development scenario for both operational and emergency storage. Based on assessment of fire demand scenarios, there is insufficient storage to support a fire suppression scenario where the existing

"Mill" is involved a significant event. In this scenario, the SMCSD fire department anticipates that a continuous fire demand of 4500 gpm would need to be sustained for up to four hours. Assuming the system storage is at 75% capacity at the start of this event, then the water supply for fire suppression would be depleted in approximately 1.9 hours. For comparison purposes, if a significant fire event would occur when the existing system storage is at 75% capacity, a maximum fire flow of 2500 gpm could be sustained for approximately 3.5 hours.

With regard to the condition of these tanks, the 650,000 gallon steel storage "main" tank was constructed in 2009 and is in excellent condition although consideration should be given to scheduling an inspection and cleaning of the tank. From a maintenance perspective, this tank should be programmed for recoating within the next 10-15 years. The 50,000 gallon SLT steel storage tank is of unknown age and is in marginal condition. This tank exhibits evidence of age and localized corrosion. This tank should be considered for replacement within the next 5 years.

5.6 RECOMMENDED WATER SYSTEM CAPITAL IMPROVEMENTS

5.6.1 OVERVIEW

The following sections provide a summary of the recommended SMCSD Water System Capital Improvements Program, with a brief description of the proposed projects and a preliminary cost estimate for each proposed improvement. The existing water system is adequate to meet current demands in the system. The recommended projects are required to meet future conditions and anticipated growth within the CSD Boundary. In addition, some of the recommended capital improvements are included to address system inadequacies and/or issues that are related to operation and maintenance considerations rather that system capacity.

5.6.2 CURRENTLY PLANNED PROJECTS

The following is a brief summary of capital improvement projects which are currently underway or have been approved by the SMCSD Board of Directors.

11th Street & UPRR and 10th Street & Mission Street Waterline Replacement Project

In 2016 there were failures that occurred in two (2) segments of the District's water distribution system of pipelines, including one segment that lies beneath the UPRR tracks on 11th Street and one segment that lies beneath Mission Street on 10th Street. These two (2) segments of pipeline are critical to the operation of the District's water system and failure of either of these line segments will cause disruption of service, significant damage and possible risk to human life. In July 2017, the SMCSD Board of Directors authorized the District Engineer to perform the required engineering and prepare construction documentation and UPRR and Caltrans right-of-way construction permit applications to allow the District to advertise for bids from qualified contractors to replace the subject line segments. The estimated cost for engineering, surveying, environmental studies, and permitting is anticipated to be approximately $15,000 which will be spent in 2017. The construction phase of this project will be initiated in the future.

5.6.3 FUTURE PROJECTS

The following is a brief summary of capital improvement projects which are recommended for inclusion the future SMCSD Capital Improvement Plans (CIP) to be approved by the SMCSD Board of Directors.

4 inch C.I. Waterline Replacement Project (Alley Between "L" & "K" Streets)

The existing 4 inch cast iron water main, which is located in the alley between "L" Street and "K" Street, is recommended for replacement between 16th Street and San Luis Obispo Road. This segment of water main is approximately 3652 feet in length and contains 14 valves which should also be replaced. It is recommended that a new 8 inch PVC or HDPE pipe be installed as the replacement main. When completed, the flow and pressure conditions will be significantly improved for approximately 50 existing residential properties. Fire flows and pressures will also be enhanced along this corridor. Additional benefits will include a significant reduction in the cost of operation and maintenance of this section of water main. The estimated project costs are summarized in the following section of this report.

4 inch C.I. and 3 inch A.C. Waterline Replacement Project (Alley Between "L" & Mission Streets)

There are two (2) existing water mains which are located in the alley between "L" Street and Mission Street which are recommended for replacement between 10th Street and San Luis Obispo Road. This segment of water main is approximately 765 feet in length and contains 8 valves which should also be replaced. It is recommended that a new 8 inch PVC or HDPE pipe be installed as the replacement main. When completed, the flow and pressure conditions will be significantly improved for approximately 20 existing residential properties. Fire flows and pressures will also be enhanced along this corridor. Additional benefits will include a significant reduction in the cost of operation and maintenance of this section of water main. . The estimated project costs are summarized in the following section of this report.

New 8 inch PVC Waterline Installation Project (11th Street North of Mission Street)

A new segment of 8 inch PVC or HDPE water main, to be located in 11th Street between the Mission Street and the alley to the west, is recommended for installation. This segment of water main will connect with the western end of the previously described 11th Street & UPRR waterline and is approximately 249 feet in length. When completed, the flow and pressure conditions will be significantly improved for approximately 2 existing residential properties. Fire flows and pressures will also be enhanced along this corridor. Additional benefits will include a significant reduction in the cost of operation and maintenance of this section of water main. The estimated project costs are summarized in the following section of this report.

4 inch C.I. Waterline Replacement Project (Alley East of "N" Street)

The existing 4 inch cast iron water main, which is located in the alley east of "N" Street between 11th Street and 12th Street, is recommended for replacement. This segment of water main is approximately 523 feet in length and contains 3 valves which should also be replaced. It is recommended that a new 8 inch PVC or HDPE pipe be installed as the replacement main. When completed, the flow and pressure

conditions will be significantly improved for approximately 6 existing residential properties. Fire flows and pressures will also be enhanced along this corridor. Additional benefits will include a significant reduction in the cost of operation and maintenance of this section of water main. The estimated project costs are summarized in the following section of this report.

New Water Supply Well

Although there is sufficient water production capacity with all three SMCSD water supply wells in service to meet water demands under existing and future development scenarios, the disruption of service to any of these wells could result in the inability of the District to meet customer water requirements. Based on the results of this analysis, a potential disruption of service can potentially occur due to mechanical failures; continuing lowering of the local groundwater levels in the aquifer; failure of the well casing and screen systems, and/or further water quality degradation. It is recommended that the SMCSD proceed with a hydrogeologic investigation and well siting study to evaluate the feasibility of developing a new water supply well. Pending the outcome of the initial investigations, the District should proceed with the final design and construction of a new water supply well. The estimated project costs are summarized in the following section of this report.

Water Treatment Systems for Existing Water Supply Wells

As described in a previous section of this report, the SMCSD continues to monitor the water quality in its supply wells, with specific attention being paid to arsenic levels in the SLT Well and radioactive constituents in the groundwater supplied by Well Nos. 3 & 4. Concentrations of those contaminants are elevated and are approaching the existing EPA Safe Drinking Water Standards. In fact, there have been isolated sampling events where each of the subject MCL's have been exceeded. It is recommended that the SMCSD proceed with a wellhead treatment systems feasibility and alternatives study to evaluate the feasibility of installing water treatment facilities at each of the existing water supply wells. Pending the outcome of the initial investigations, the District should proceed with the final design and construction of new treatment facilities at each of the existing water supply wells. The estimated project costs are summarized in the following section of this report.

SLT Pressure System including Booster & Fire Pumping Facilities

As described in a previous section of this report, the water distribution pipeline pressure in portions of the San Lawrence Terrace service area were determined to be low, and in some cases below 20 psi. Specifically, the water mains located in the immediate vicinity of the SLT 50,000 gallon storage tank and those water mains that serves the larger parcels on Mission Lane experience low pressures during most of the water demand scenario simulations. Based on discussions with SMCSD Fire Department staff, the available flow and pressure throughout much of the SLT area during fire suppression activities has been extremely low and problematic. The installation of a local booster and fire pump system would result in significant increases to both pressure and flow to the water distribution system in this area. The booster pumps and associated fire pumps could be configured with variable speed drives and programmed to maintain specified pressures under both normal demand and fire flow scenarios. It is recommended that the SMCSD proceed with feasibility and preliminary design study to evaluate the feasibility of

installing a SLT booster fire pump station. Pending the outcome of the initial investigations, the District should proceed with the final design and construction of new SLT booster /fire pumping facility. The estimated project costs are summarized in the following section of this report.

SLT Storage Tank Replacement

The existing 50,000 gallon SLT steel storage tank is of unknown age and is in marginal condition. This tank exhibits evidence of age and localized corrosion. The SLT tank is also deficient in storage capacity and should be replaced with a tank of substantially increased capacity. Although the main and the SLT pressure zones are combined, the SLT tank should be able to supply a proportionate amount of storage to meet the demands (i.e. both domestic and fire) of the surrounding area. It is recommended that the existing 50,000 gallon tank be replaced with a new tank with a minimum of 200,000 gallons storage. It is recommended that the SMCSD proceed with investigations and preliminary design study to evaluate the feasibility of replacing the existing tank. Pending the outcome of the initial investigations, the District should proceed with the final design and construction of new SLT storage tank. The estimated project costs are summarized in the following section of this report.

Water Meter Replacement

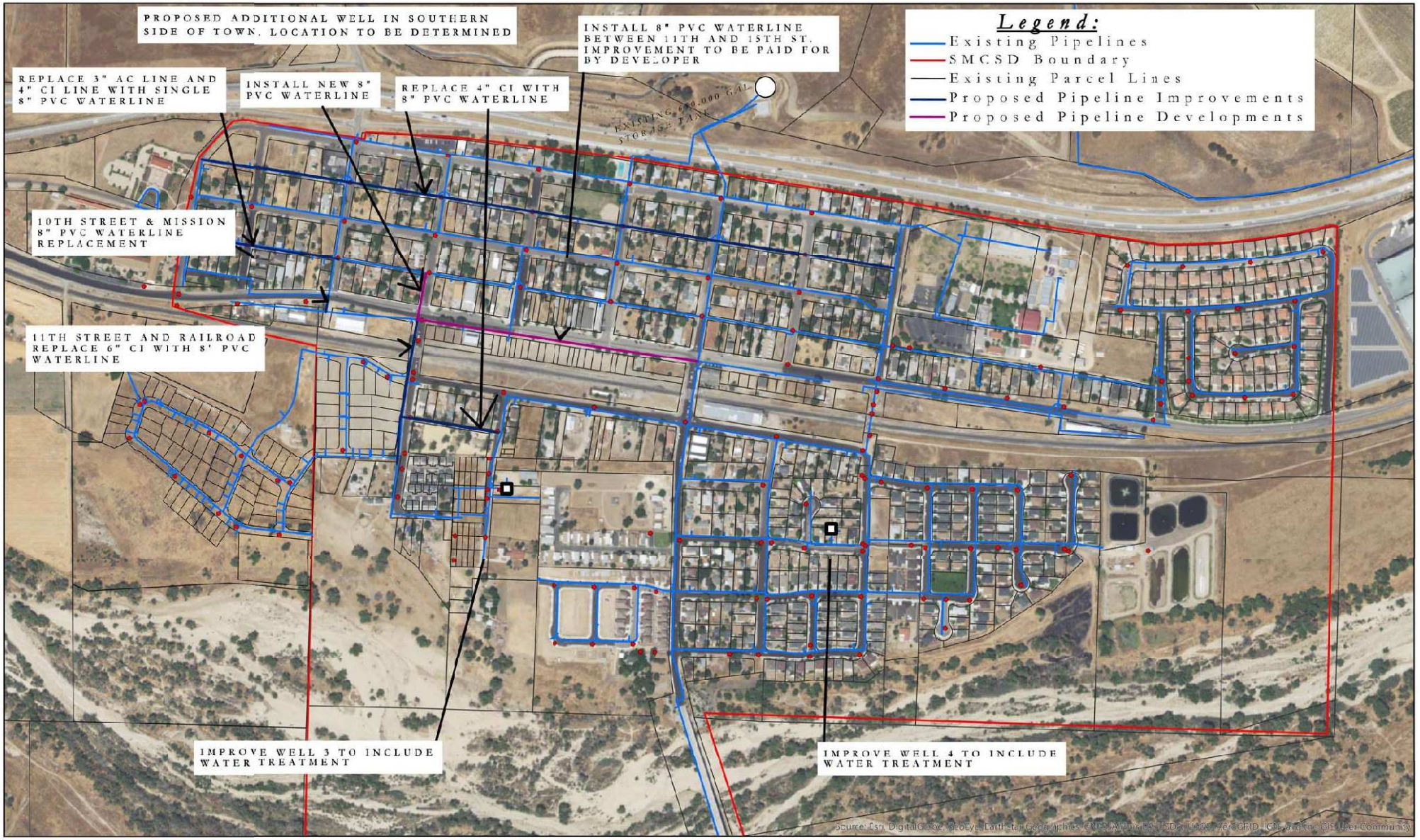
The SMCSD currently has implemented a program of water meter replacement whereby the complete inventory of meters is replaced on a 10 year cycle. It is recommended that this program be continued. Given that the number of water meters will gradually increase with time as the SMCSD service area is fully developed, the estimated cost to continue this program will continue to increase annually. The estimated project costs are summarized in the following section of this report.

Groundwater Sustainability Plan (GSP)

With the passing of the Sustainable Groundwater Management Act (SGMA) by the State of California, the SMCSD elected to form a Groundwater Sustainability Agency (GSA). Under the requirements of SGMA, the SMCSD GSA has the obligation that it will be sustainable with regard to groundwater use and management by the year 2040. The initial step, after GSA formation, is to produce a Groundwater Sustainability Plan (GSP) which must be completed and adopted by 2020. The preparation of the GSP is underway and the cost of the preparation of the GSP will be shared by multiple GSA's that are located within the Paso Robles Groundwater Basin.

5.6.4 ESTIMATED PROJECT COSTS

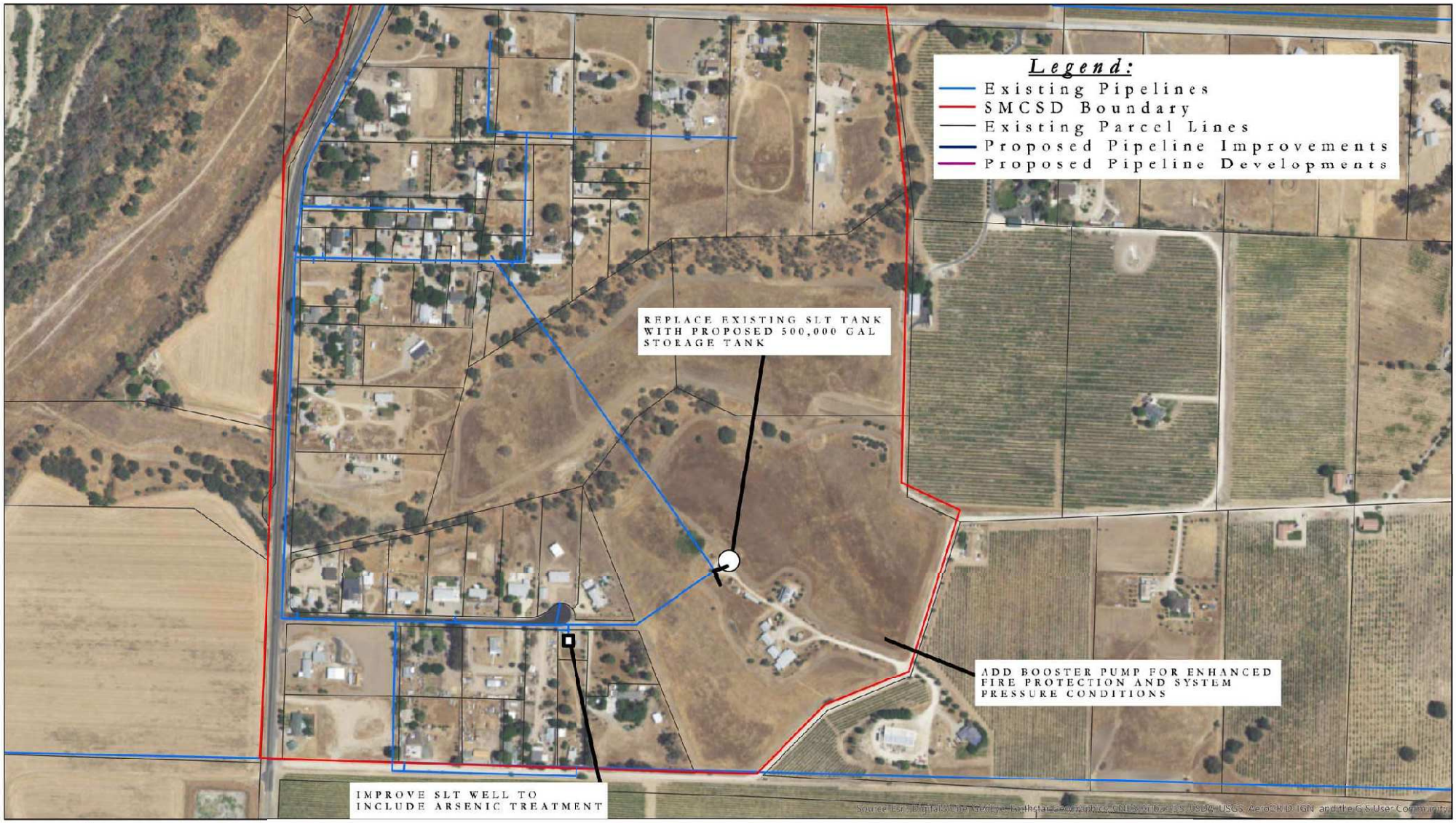
The capital improvement program (CIP) costs which are summarized in the following table were developed based on engineering judgment, confirmed bid prices for similar work in the Central Coast area, consultation with vendors and contractors, established budgetary unit prices for the work, and other reliable sources.



SMCSD Water Master Plan

0.1 0.05 0 0.1 0.2 0.3 0.4 Miles

Scale 1:5,500
Center 120°41'42"W 35°45'11"N



SMCSD Water Master Plan

SAN LAWRENCE TERRACE

0.07 0.035 0 0.07 0.14 0.21 0.28 Miles

Scale 1:3,752

Center 120°40'48"W 35°44'37"N

SAN MIGUEL COMMUNITY SERVICES DISTRICT
WATER SYSTEM
RECOMMENDED CAPITAL IMPROVEMENTS
NOVEMBER 2017

		ESTIMATED COSTS (2017 USD)				
PROJECT #	PROJECT ID	PLANNING STUDIES / PRE-DESIGN INVESTIGATIONS	FINAL DESIGN / ENGINEERING / CONSTRUCTION DOCUMENTATION / ENVIRONMENTAL CLEARANCE / PERMITTING	LAND ACQUISITION	CONSTRUCTION / TESTING / INSPECTION	TOTAL ESTIMATED PROJECT COSTS (2017 USD)
1	11th Street & UPRR and 10th Street & Mission Street Waterline Replacement	N/A	$15,000	N/A	$274,500	$289,500
2	4 inch C.I. Waterline Replacement Project (Alley Between “L” & “K” Streets)	$39,313	$85,563	N/A	$462,500	$587,375
3	4 inch C.I. and 3 inch A.C. Waterline Replacement Project (Alley Between “L” & Mission Streets)	$4,250	$9,250	N/A	$50,000	$63,500
5	New 8 inch PVC Waterline Installation Project (11th Street North of Mission Street)	$8,766	$19,078	N/A	$103,125	$130,969
6	4 inch C.I. Waterline Replacement Project (Alley East of “N” Street)	$5,844	$12,719	N/A	$68,750	$87,313
7	New Water Supply Well	$39,844	$86,719	$150,000	$468,750	$745,313
8	Water Treatment Systems for Existing Water Supply Wells	$331,500	$721,500	$250,000	$3,900,000	$5,203,000
9	SLT Pressure System including Booster & Fire Pumping Facilities	$54,506	$118,631	$150,000	$641,250	$964,388
10	SLT Storage Tank Replacement	$74,375	$161,875	$150,000	$875,000	$1,261,250
11	Water Meter Replacement (Annual Cost to be Expended Each Year)	N/A	N/A	N/A	$15,000	$15,000
12	Groundwater Sustainability Plan (GSP)	$30,000	N/A	N/A	N/A	$30,000
				TOTAL ESTIMATED PROJECTED CIP COSTS		$9,377,606

5.6.5 RECOMMENDED PROJECT SEQUENCING

The timing for implementation of the recommended Capital Improvement Program for SMCSD water system improvements will be largely dictated by the availability of funds and future changes in the performance of the existing system infrastructure. Revisions to existing water quality regulations may also have a significant impact on future project sequencing. For the purposes of this report, each of the recommended capital improvement projects has been assigned a priority. Each project was assigned one of the following priority levels:

- Priority A: Project should be initiated in Year 1 – 3
- Priority B: Project should be initiated in Year 4 – 6
- Priority C: Project should be initiated in Years 7+

A graphical depiction of the recommended project priorities is presented in the following Table. It is noted that for those projects which are anticipated to occur over multiple years (i.e. water meter replacement), the project has been assigned a priority which is related to when the initial work should be started.

5.6.6 DEVELOPMENT IMPACT FEES

Impact fees for future development are typically calculated based on the percentage increase in population included in the San Miguel CSD. There are approximately 823 existing water meters that serve SMCSD customers or are installed in a residence / business that is ready for occupancy at the time of this report. It is estimated that by the end of 2020, the total number of water meters that will be served by the District will be approximately 930. At full development conditions, the number of water meters is expected to increase to approximately 1088. This represents an increase of 32.2 percent in additional demand on District water system, assuming that the majority of the future water connections are residential with similar water usage patterns to the existing customers. The projected demands on the SMCSD water system could increase significantly over these projections in the event that large commercial / industrial / agricultural water users connect to the system. The District has retained the services of a consultant who is currently engaged in the preparation of a water & sewer rate study to confirm the required connection and user fees that should be applied for new meter connections.

SAN MIGUEL COMMUNITY SERVICES DISTRICT
WATER SYSTEM
RECOMMENDED CAPITAL IMPOVEMENT PRIORITIES
NOVEMBER 2017

PROJECT #	PROJECT ID	PLANNING STUDIES / PRE-DESIGN INVESTIGATIONS	PRIORITY	FINAL DESIGN / ENGINEERING / CONSTRUCTION DOCUMENTATION / ENVIRONMENTAL CLEARANCE / PERMITTING	PRIORITY	LAND ACQUISITION	PRIORITY	CONSTRUCTION / TESTING / INSPECTION	PRIORITY
1	11th Street & UPRR and 10th Street & Mission Street Waterline Replacement	N/A		$15,000	A	N/A		$274,500	A
2	4 inch C.I. Waterline Replacement Project (Alley Between "L" & "K" Streets)	$39,313	A	$85,563	A	N/A		$462,500	B
3	4 inch C.I. and 3 inch A.C. Waterline Replacement Project (Alley Between "L" & Mission Streets)	$4,250	A	$9,250	A	N/A		$50,000	B
4	New 8 inch PVC Waterline Installation Project (11th Street North of Mission Street)	$8,766	A	$19,078	A	N/A		$103,125	A
5	4 inch C.I. Waterline Replacement Project (Alley East of "N" Street)	$5,844	B	$12,719	B	N/A		$68,750	B
6	New Water Supply Well	$39,844	A	$86,719	A	$150,000	A	$468,750	B
7	Water Treatment Systems for Existing Water Supply Wells	$331,500	A	$721,500	B	$250,000	B	$3,900,000	B
8	SLT Pressure System including Booster & Fire Pumping Facilities	$54,506	A	$118,631	A	$150,000	B	$641,250	B
9	SLT Storage Tank Replacement	$74,375	A	$161,875	A	$150,000	B	$875,000	B
10	Water Meter Replacement (Annual Cost to be Expended Each Year)	N/A		N/A		N/A		$15,000	A
11	Groundwater Sustainability Plan (GSP)	$30,000	A	N/A		N/A		N/A	

PROJECT PRIORITY COLOR CODE
YEAR 1-3
YEAR 4-6
YEAR 7+

6.0 WASTEWATER SYSTEM ANALYSIS

6.1 EXISTING INFRASTRUCTURE

6.1.1 OVERVIEW

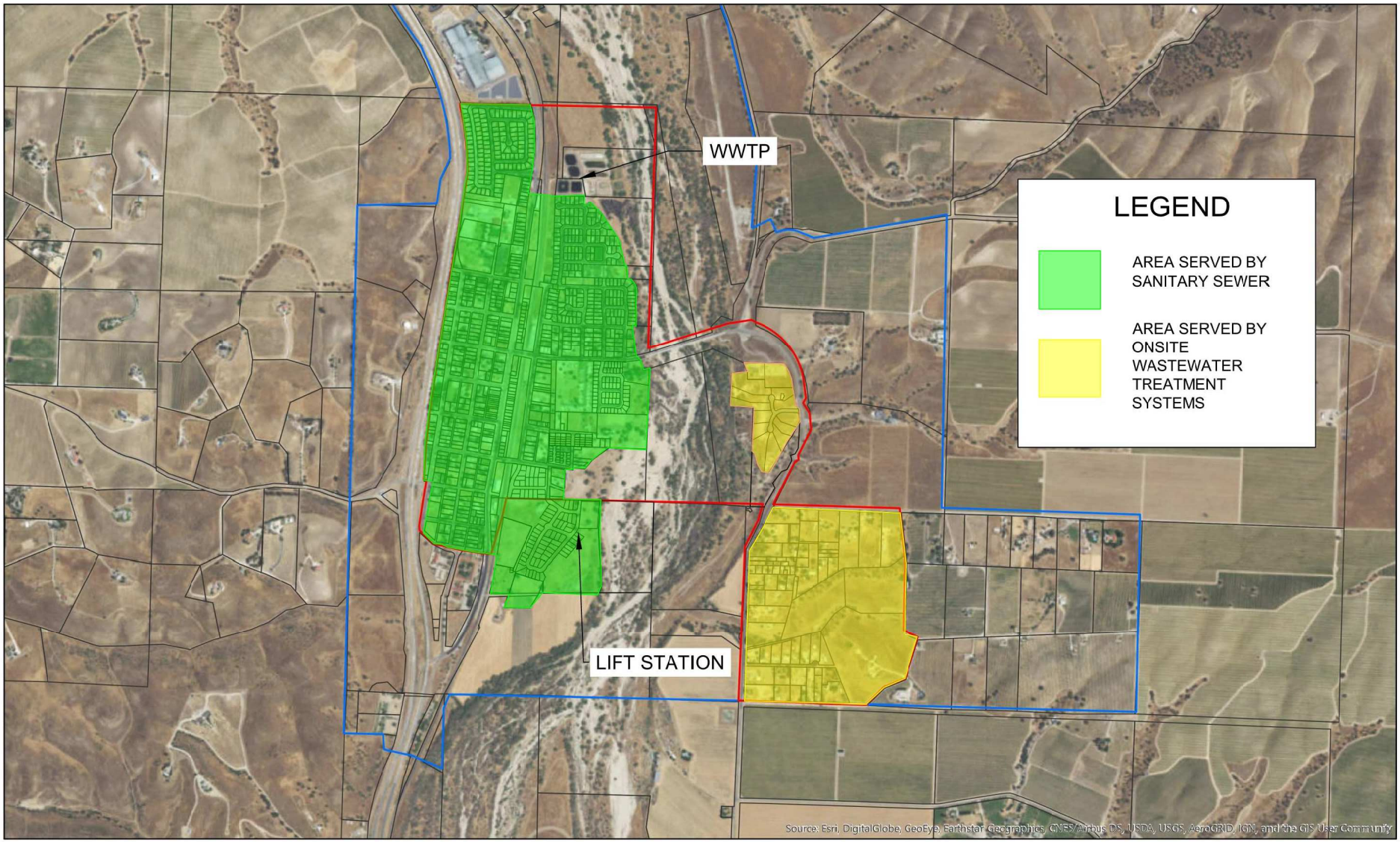
A summary of the major components that comprise the SMCSD wastewater collection and treatment system is presented in the following sections of this report. A graphical depiction of the general service areas and facility locations is included in the following wastewater service area map. As is depicted in the wastewater service area map, only the main area of the San Miguel community (i.e. that portion of the SMCSD service area that is located on the west side of the Salinas River) is currently served by sanitary sewer collection infrastructure. The parcels within the SMCSD service area which is located on the east side of the Salinas River are currently served by on-site wastewater treatment systems (OWTS).

In the main zone (i.e. west side of the Salinas River), there are currently six (6) onsite wastewater treatment systems (OWTS), on the east side of the Salinas River, in an area designated the San Lawrence Terrace (SLT), there are a total of 65 OWTS systems. At this time, it is not expected that the SLT residents will be served in the near future by public wastewater facilities, however, there are provisions to accommodate a carrier pipe for a new sanitary sewer in the future River Road bridge crossing of the Salinas River, should the need arise in the future. As for the six (6) OWTS systems in the main zone, it is planned that these will be served by the wastewater plant in the future.

6.1.2 SANITARY SEWER COLLECTION SYSTEM

The SMCSD sanitary sewer collection system includes 46,959 feet (8.9 miles) of collection system pipes ranging in size from 4-inches to 16-inches in diameter. Approximately 60 percent (28,265 LF) of these pipes are vitrified clay pipe. The majority of these VCP pipe segments were constructed before 1960. The remaining 40 percent of the collection system pipelines are constructed of either PVC or HDPE and were constructed within the previous 50 years. The majority of these pipelines flow under gravity conditions with the exception of a small segment of pressure pipe which serves as a discharge for the newly constructed Tract 2527 Lift Station.

In addition to the gravity and pressure pipelines, the SMCSD sanitary sewer collection system includes numerous appurtenances which include manholes and clean-outs. The complete system inventory is summarized below.



N

1 Miles

SMCSD SANITARY SEWER SERVICE AREA

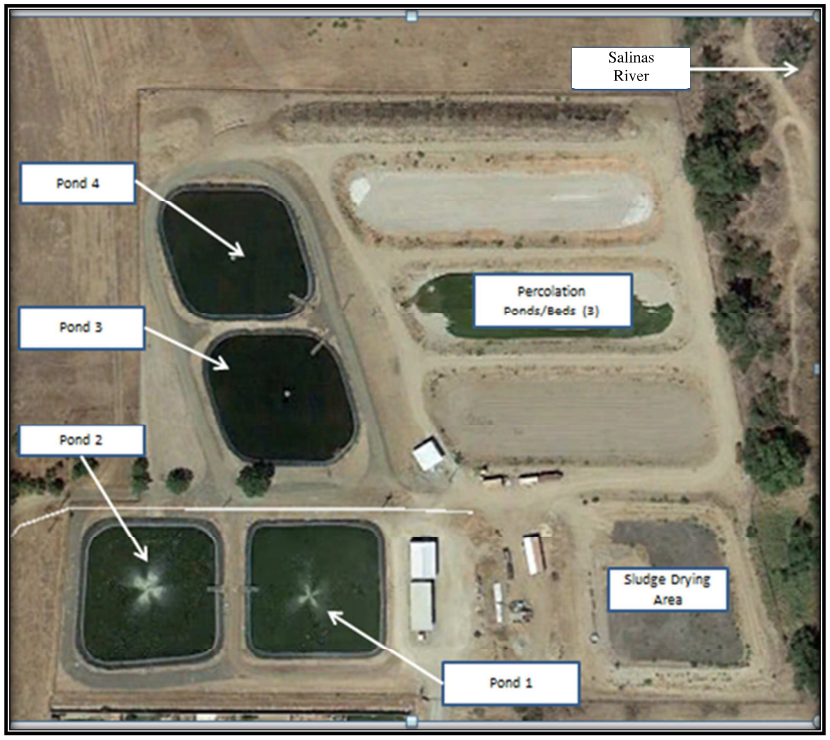
System	Item	Description	Qty	Length (LF)
Sewer System	Sewer Lines	16" HDPE	2	146
		12" PVC	5	1357
		10" PVC	5	728
		8" PVC	75	14745
		6" PVC	2	284
		4" PVC	1	205
		4" PVC-FM	5	1229
		16" VC	1	60
		12" VC	12	2984
		10" VC	3	929
		8" VC	71	23422
		6" VC	6	870
	Manholes	--	140	--
	Cleanouts	--	39	--
	WWTP Lift Station	--	1	--
	Tract 2527 Lift Station	--	1	--

6.1.3 SEWAGE LIFT STATION FACILITIES

Until 2017, there were no sewage lift stations installed in the SMCSD sanitary sewer collection system. With the development of Tract 2527, there was a requirement that the developers install a new sewage lift station to provide sanitary sewer service to the 60 new residential properties. It is anticipated that this lift station will become operational in late 2017 and will begin discharging wastewater into the SMCSD collection system in early 2018 as the first residents begin to occupy homes in the development.

6.1.4 WASTEWATER TREATMENT PLANT

The existing wastewater treatment plant (WWTP) underwent a significant upgrade in the late 1990s, bringing its current and permitted capacity to 200,000 gpd (0.2 mgd). The current WWTP comprises four partially mixed aerated lagoons in series (though the first two lagoons are piped to also operate in parallel) and three (3) percolation ponds. A graphical depiction of the WWTP is presented below:



The major elements which comprise the SMCSD WWTP are summarized as follows:

- Headworks: At this time, there is not a headworks associated with this plant, only influent pumping/metering of wastewater. Raw wastewater is pumped from the influent wetwell / lift station to the first aerated treatment pond.

- Aerated Treatment Ponds, Stage 1: There are two 0.94 MG aerated aerobic ponds, equipped with 25 and 20 horsepower ponds, respectively. These are completely mixed aerated lagoons. Thus, the floating aerators keep all solids in suspension while maintaining dissolved oxygen levels. Solids do not appreciably deposit in Ponds 1 and 2, but instead settle out predominantly in Pond 3. Floatable plastics and debris must be raked out of these ponds by hand.

- Aerated Treatment Ponds, Stage 2: There is a single 0.87 MG Stage 2 Pond, with a 7.5 HP aerator. This pond and floating aerator maintains dissolved oxygen levels in the pond, while allowing solids to settle to the bottom of the pond. Solids settle to the bottom of the pond, and organic matter in the sludge slowly decomposes anaerobically. This pond is generally referred to as a facultative pond, with an upper aerobic zone and lower anaerobic zone.

- Aerated Treatment Ponds, Stage 3: There is a single 0.87 MG pond equipped with a 7.5 HP aerator. This is the final (fourth) pond that also maintains dissolved oxygen levels in the upper zone. Very little sludge settles in this pond, and this pond would be considered a final polishing pond prior to discharge to the percolation ponds/beds.

- Percolation Ponds: There are three percolation ponds totaling 1.7 acres in area. The two northernmost ponds were re-conditioned in 2008. At that time, both ponds had silted up considerably, and were not effectively percolating effluent. Both ponds were dried out and ripped, and the upper several feet of material was removed, and replaced with clean sand. In addition, the percolation ponds were deep-ripped in several locations to allow for better connectivity to the underlying more permeable soils. The third and southernmost pond was not re-worked at that time, but continues to serve as a percolation pond.

The design criteria for the existing SMCSD wastewater treatment facilities are summarized in the following table.

Parameter, units	Value
FLOWS	
Average Daily Flow (ADF) mgd	0.2
Maximum Daily Flow (MDF), mgd	0.20
Peak Hourly Flow (PHF), mgd	0.80
WASTE STRENGTH AND LOADING	
Influent BOD_5, mg/L (design) [lbs/day]	300 [500]
Influent TSS, mg/L (design) [lbs/day]	250 [417]
INFLUENT LIFT STATION	
Pump Type	Submersible
No. of Pumps	2
Pump Horsepower (HP), each	7.5
Capacity, Each Pump, gpm	300
Total Dynamic Head, TDH, feet	17
TREATMENT PONDS	
Stage 1 (2 ponds):	
Surface Area, Acres, each	0.44
Depth, Feet, each	12
Volume, Million Gallons, each	0.94
Hydraulic Retention Time, Days, each	4.7
Aerator Horsepower, HP	25, 20
Stage 2:	
Surface Area, Acres	0.41
Depth, Feet	10
Volume, Million Gallons	0.87
Hydraulic Retention Time, Days	4.4
Aerator Horsepower, HP	7.5
Stage 3:	
Surface Area, Acres	0.41
Depth, Feet	10
Volume, Million Gallons	0.87
Hydraulic Retention Time, Days	4.4
Aerator Horsepower, HP	7.5

Parameter, units	Value
EFFLUENT PERCOLATION/DISPOSAL	
Pond 1: Surface Area, SF (acres)	26,500 (0.61)
Pond 2: Surface Area, SF (acres)	24,200 (0.56)
Pond 3: Surface Area, SF (acres)	23,200 (0.53)

The SMCSD currently treats an average of approximately 140,000 gpd. Over the past 2-3 years, there has been significant new residential development within the SMCSD boundaries. In 2016, the SMCSD commissioned the Wallace Group to perform an engineering study to evaluate the capacity of the WWTP to treat the wastewater discharges from the District under existing and future conditions. Based on the results of the study, the consultants determined the following:

- Although the existing WWTP is achieving an overall organic constituent removal of 94%, it is recommended the SMCSD should begin to initiate future planning for plant expansion. The CA RWQCB typically requires dischargers to begin this planning process when the plant reaches 75% of capacity (150,000 gpd).

- Under existing conditions, there is not a headworks associated with this plant, only influent pumping/metering of wastewater. Raw wastewater is pumped from the influent wet well to the first aerated treatment pond. A headworks facility with screening and grit removal is highly recommended to minimize the introduction of debris, sediment and non-volatile organics from entering the treatment ponds.

- The existing effluent and groundwater monitoring program indicates elevations in nitrate and TDS concentrations which may indicate water quality impacts resulting from effluent disposal operations. The SMCSD should continue to following the existing monitoring and reporting program, and should consider the addition of supplemental, deeper downgradient monitoring well(s) to allow continued and expanded monitoring of downgradient groundwater conditions.

- If it is determined that there is probable impacts to the downgradient groundwater quality, the SMCSD should consider incorporating nitrogen removal elements to the treatment processes in the future WWTP design / rehabilitation.

- Based on other pond systems in this region, if waste discharge requirements were updated and such effluent limitations were imposed, this WWTP would likely see effluent limitations of "60/60", that is, effluent limitation of 60 mg/L BOD5, and 60 mg/L TSS.

- The SMCSD should initiate the planning and design process to expand and enhance the capacity of the WWTP. The Consultant recommended that the District meet with the Central Coast Regional Water Quality Control Board (Waterboard) staff.

6.2 WASTEWATER DISCHARGE REQUIREMENTS

6.2.1 EXISTING PERMIT CONDITIONS

The SMCSD wastewater treatment facilities are regulated by Region 3 (Central Coast Region) Regional Water Quality Control Board (Regional Board) Order No. 99-046. At the time the Waste Discharge Requirements (WDRs) were issued, they were issued to the San Miguel Sanitary District, which was dissolved in the early 2000s, and subsequently the District resumed all wastewater responsibilities in the SMCSD service area. The existing facility was upgraded during this time frame, to include the full expansion described in Finding No. 5 of the WDRs, which included the construction of the second of two 940,000 gallon aerated lagoons. The permitted treatment capacity is 200,000 gpd (0.2 mgd) on a maximum month basis. As these WDRs are approximately 15 years old, it is anticipated that the Regional Board will update the WDRs at some point in the near future. The current requirements of the WDRs are summarized as follows:

- Permitted treatment capacity, mgd 0.2 (max. month)
- Effluent limitations:

	Avg. last 6 samples	Maximum
TDS, mg/L	825	900
Chloride, mg/L	180	200
Sulfate, mg/L	175	200
Sodium, mg/L	150	170

- The treatment ponds must maintain a minimum 2.0 feet freeboard at all times, and must maintain dissolved oxygen of 1.0 mg/L minimum at all times.
- Effluent pH shall range between 6.5 and 8.4 at all times.
- Discharge shall not cause nitrate concentrations in downgradient GW to exceed 5 mg/L (as N)
- Discharge shall not cause "significant" increase in TDS.

Under the current WDRs, the SMCSD is not required to sample influent or effluent organic waste strength parameters (total suspended solids (TSS), biochemical oxygen demand (BOD_5)). However, the District must submit quarterly monitoring reports, and also must submit an annual report summarizing the past year's effluent and disposal area monitoring.

6.2.2 FUTURE PERMIT REQUIREMENTS

On June 8, 2017, the SMCSD District Engineer and Utilities Director met with Central Coast Waterboard staff to discuss the design / regulatory requirements that should be considered in conjunction with the planning of the future upgrade / expansion of the existing WWTP. Based on input from the Waterboard staff, the District should anticipate that any future upgrade / expansion of the WWTP should incorporate, at minimum, the installation of a headworks facility; nitrogen removal; salt management; recycling / reclamation; and installation of a liner in the existing sludge drying pond.

6.3 WASTEWATER FLOW ANALYSIS

6.3.1 OVERVIEW OF FLOW SCENARIOS

The design requirements for the wastewater collection and treatment system relate primarily to the volume of flow which is conveyed though the collection system of gravity and pressure pipelines and through the various treatment processes at the WWTP. Flows in the sanitary sewer collection system which result in significant surcharge conditions can result in sewage back-ups into connected structures and / or overflows and bypasses of the wastewater system. The wastewater system flow scenarios examined in conjunction with this study include average daily flow (ADF), maximum day dry weather flow (MDDWF), maximum day wet weather flow (MDWWF), and peak hour wet weather flow (PHWWF). These flow scenarios, for selected development conditions, are summarized in a subsequent section of this report.

When discussing wastewater system flow scenarios it is important to define some of the terminology commonly used to describe and analyze water system demands.

- *Average Daily Flow (ADF)* is the average daily wastewater flow over the course of a year and is generally obtained by averaging the mean monthly flows conveyed to the WWTP through the course of a year.

- *Maximum Day Dry Weather Flow (MDDWF)* reflects the maximum flow rate during the peak month of summer. This condition reflects the seasonal variation in dry weather flow.

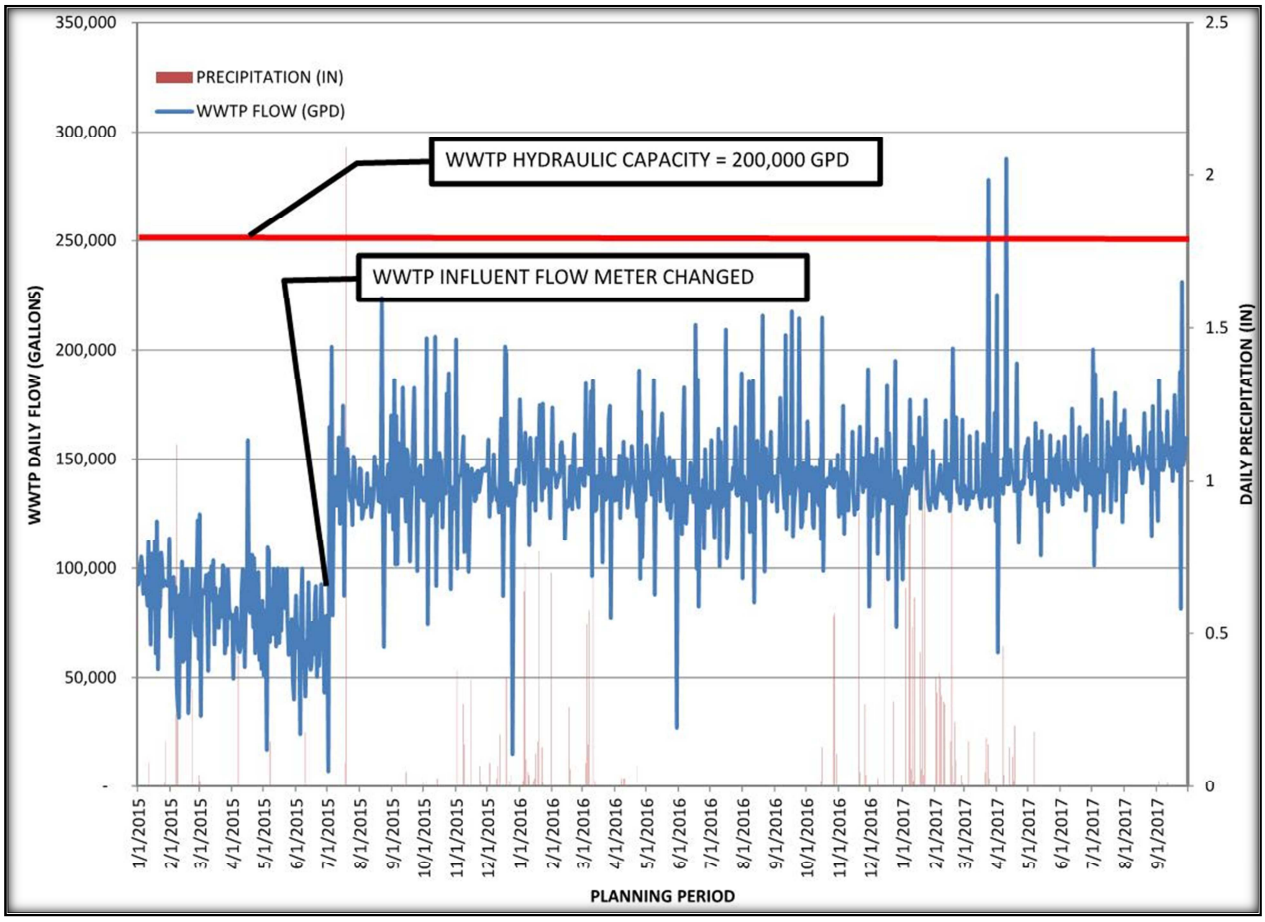
- *Maximum Day Wet Weather Flow (MDWWF)* reflects the maximum flow rate during the peak month of winter. This condition reflects the seasonal variation in wet weather flow.

- *Peak Hour Wet Weather Flow (PHWWF)* is the maximum flow rate that occurs in a single hour during wet weather (a significant rain storm event). Since the District does not record hourly flow rates, this factor must be derived from standard engineering methodology and judgment. This flow condition will govern the design of the sewage collection system and represents the maximum flow rate that the system must convey.

6.3.2 HISTORIC WASTEWATER FLOWS

For the purposes of determining the appropriate wastewater system flows for existing and future conditions, an analysis was performed on the SMCSD historic wastewater system flow data. The available flow data is derived from an analysis of the daily flow records from the WWTP influent lift station. Given that there has been a moderate level of residential housing growth within the SMCSD service area within the past several years, the period of historic wastewater flow analysis was limited to the period between January 2017 and September 2017. This period included a relatively wet winter period and a hot, dry summer period. During this period, the daily volume of wastewater that was conveyed to the WWTP from the sanitary sewer collection system averaged 145,873 gpd. (Note: The

data for October and November, 2015 were ignored due to a metering anomaly). A graphical depiction of the monthly water production vs metered sales data is presented below.



Based on a review of the data for the referenced planning period, it was determined that several of the high and low flow measurements are anomalous and likely in error. This is evidenced by flow measurements on subsequent days that vary by more than 100%, during times when there was no rainfall or any other reason to expect dramatic flow variations. In order to develop appropriate design flows for the wastewater collection facilities, accepted engineering methods and previous engineering experience on similar sized systems in the central coast of California were applied to arrive at reasonable flow values for the specified flow scenarios with consideration given to the daily flow record, the size of the collection system and the population being served. The corresponding wastewater flow design parameters for the existing conditions are summarized below.

WASTEWATER FLOW SCENARIO	EXISTING CONDITIONS FLOW (MGAL/DAY)
Average Daily Flow (ADF)	0.146
Maximum Day Dry Weather Flow (MDDWF)	0.182
Maximum Day Wet Weather Flow (MDWWF)	0.214
Peak Hour Wet Weather Flow (PHWWF)	0.584
Estimated Population Served	2252
Estimated Number of Sewer Connections	704

Under existing conditions, the corresponding flow contributions on a per connection basis is summarized below.

WASTEWATER FLOW SCENARIO	EXISTING CONDITIONS FLOW PER CONNECTION (GPD)
Average Daily Flow (ADF)	207
Maximum Day Dry Weather Flow (MDDWF)	259
Maximum Day Wet Weather Flow (MDWWF)	304
Peak Hour Wet Weather Flow (PHWWF)	830

6.3.3 FUTURE WATER DEMAND SCENARIOS

To evaluate the capacity of the SMCSD to adequately serve the future growth that is likely to occur within the District's service area, an analysis was performed to estimate the future wastewater flows on the wastewater collection and treatment system. For the purposes of this analysis, two (2) future wastewater flow scenarios were analyzed. These include the following:

- Prediction of conditions after a 3-year "Build-Out" period
- Prediction of conditions in the future when all developable property within the current SMCSD District boundary occurs (i.e. Full "Build-Out")

The 3-year "build-out" scenario would include the development of Tract Nos. 2527 and 2779. If these two developments are completed within the next three (3) years then an additional 94 (+/-) single family residential units will be connected to the SMCSD wastewater system. Assuming that similar per capita water flow patterns will occur in the new developments that currently exist within the SMCSD service area today, then the projected wastewater flow design parameters for this scenario will be similar to those summarized below. It should be noted that the peaking factor for computing the MDWWF for future conditions was reduced from 4.0 to 3.5.

WASTEWATER FLOW SCENARIO	3-YR BUILDOUT FLOW (MGAL/DAY)
Average Daily Flow (ADF)	0.165
Maximum Day Dry Weather Flow (MDDWF)	0.206
Maximum Day Wet Weather Flow (MDWWF)	0.243
Peak Hour Wet Weather Flow (PHWWF)	0.579
Estimated Population Served	2553
Estimated Number of Sewer Connections	798

Under the full "build-out" scenario, future development that could occur would include the development of a 60-lot residential subdivision on the west side of Highway 101, on property adjacent to the cemetery. This scenario assumes that the development of a 38-lot residential subdivision in the San Lawrence Terrace area; and a 20-lot residential development on the west side of Highway 101, on property which lies generally west of the elementary school / Mission Heights area would be served by ONWTS and not connected to the SMCSD sanitary sewer collection system. Under a scenario where all of these developments occur and all existing buildable parcels within the community of San Miguel are developed, then the projected water demand design parameters for this scenario will be similar to those summarized below.

It is important to note that the full "build-out" scenario does not include any estimates of future wastewater flows which may be associated with Expansion Area #1 which is located on the west side of Indian Valley Road, just north of the old landing strip site that is referred to as the Indian Valley Road area. Nor does it include any estimates of future water demand which may be associated with the 8-acre Expansion Area #2 is located near the southerly end of town, east of the railroad tracks and southeast of the mission.

WASTEWATER FLOW SCENARIO	FULL BUILD-OUT FLOW (MGAL/DAY)
Average Daily Flow (ADF)	0.186
Maximum Day Dry Weather Flow (MDDWF)	0.231
Maximum Day Wet Weather Flow (MDWWF)	0.272
Peak Hour Wet Weather Flow (PHWWF)	0.650
Estimated Population Served	2864
Estimated Number of Sewer Connections	895

6.3.4 STORM WATER INFILTRATION AND INFLOW

The infiltration and inflow (I/I) of storm water into a sewer system can result in peak flows that far exceed dry weather conditions. For the purposes of this report, these terms are defined as follows:

- *Infiltration* is the water entering a sewer system and service connections from groundwater, through such means as defective pipes, pipe joints, connections, or manhole walls. Infiltration does not include inflow and is relatively constant over a period of days, weeks, or even months as high groundwater conditions persist.

- *Inflow* is the water discharged into a sewer system and service connections from such sources as roof drains, cellar, yard and area drains, foundation drains, cooling water discharges, drains from springs and swampy areas, manhole covers, cross connections from storm sewers, catch basins, storm water, surface runoff, or drainage. Inflow does not include infiltration. Inflow varies rapidly with rainfall condition, with flows rising and falling within minutes or hours of a severe storm event.

Because the depth to the groundwater table throughout the SMCSD wastewater collection system service area is significantly deeper than the deepest pipeline in the collection system, it is very unlikely that groundwater infiltration contributes any significant flow to the wastewater collection system.

Based on a review of the wastewater flow records Inflow, and discussions with SMCSD staff, there is evidence that there are inflow contributions into the collection system. These inflow contributions are included in the MWWDF and PHWWF flow values described above. As the existing collection system is expanded to accommodate future growth, the I/I related flow should not increase significantly because new sewer construction methods and materials have very low I/I rates. The WWTP is designed to accommodate these transient flow events. However, the District should take appropriate measures to minimize I/I in the wastewater collection system to prevent I/I from becoming a problem.

6.4 WASTEWATER SYSTEM HYDRAULIC ANALYSIS

6.4.1 MODEL DEVELOPMENT

A computer model of the SMCSD sanitary sewer collection system was created for the purposes of analyzing the collection systems performance characteristics under various flow scenarios and to assist in the identification of system deficiencies. Any deficiencies that were identified provided the basis for the recommended capital improvements for the SMCSD sanitary sewer collection system that are described in subsequent sections of this report.

The sanitary sewer collection system hydraulic model that was developed was created using the SewerCAD software, which was developed by Bentley Systems. SewerCAD was developed to analyze pressure or free surface flow conditions using a gradually varied, standard-step algorithm for solving complex composite profiles and subcritical, critical, and supercritical conditions. The steady-state simulation permitted the analysis of the collection system under extreme flow conditions. The extended period simulations (EPS) permitted the analysis of the collection system performance over time. Results of the EPS, for the previously described flow scenarios, were utilized to identify locations where surcharging sections occur.

The configuration of the sanitary sewer collection system which was used for simulation was developed from the GIS databases which were prepared by the Wallace Group in conjunction with the creation of the Sewer Utility Atlas in September 2015. This information was augmented with information obtained from improvement plans which have been submitted to the SMCSD for proposed future developments.

Simulations were performed for each of the following development scenarios. A description of these is presented in a previous section of this report.

- Existing Conditions
- 3-Year "Build-Out" Conditions
- Full "Build-Out" Conditions

Four (4) distinct hydraulic demand scenarios were analyzed for each of these development scenarios. These include the following demand conditions. The flow data that was utilized for each of these demand scenarios is described in a previous section of this report.

WATER DEMAND SCENARIO
Average Daily Flow (ADF)
Maximum Day Dry Weather Flow (MDDWF)
Maximum Day Wet Weather Flow (MDWWF)
Peak Hour Wet Weather Flow (PHWWF)

The hydraulic criterion which were utilized to evaluate the ability of the SMCSD sanitary sewer collection system to meet user demands under the stated development and demand scenarios are summarized below. The basis for the stated criterion includes both recommendations from the AWWA and State of California requirements.

- Minimum Pipe Size: Pipes shall be sized to handle peak flows with the pipe flowing half full for sewers up to 15-inches in diameter. Larger sanitary sewers shall be designed to flow three-quarters full. In all future developments, the normal minimum sewer main size shall be 8-inches inside diameter
- Minimum Velocity: Sanitary sewer grades shall be designed to provide a minimum velocity of 2 fps when flowing at MDDWF conditions. The minimum velocity requirement is necessary to prevent the deposition of solids. The following table indicates the slopes which will provide that velocity, and these shall be used as the minimum standard for design.

MINIMUM PIPE DIAMETER (IN)	SLOPE (FT/FT)
6	0.0050
8	0.0035
10	0.0025
12	0.0020
15	0.0015
18	0.0012
House Service Line	0.0200

- Maximum Velocity: Unless special provisions for erosion protection have been provided, and approved by the SMCSD, design velocities for sanitary sewers shall not exceed 10 fps at peak MDDWF conditions. The maximum design discharge shall not exceed the flow at critical slope and velocity. Sanitary sewers should not be designed for flow conditions at critical slope and velocity.
- Depth: In all future developments, the normal design depth of a sanitary sewer system shall be such as to obtain a cover of 36-inches above the top of pipe for the house service lateral at the property line.

6.4.2 HYDRAULIC MODELING RESULTS

As described in previous sections of the report, hydraulic modeling was performed to assess the capacity of the existing sanitary sewer collection system adequately convey the wastewater produced from all connected SMCSD customers during the following flow scenarios.

- Average Daily Flow (ADF)
- Maximum Day Dry Weather Flow (MDDWF)
- Maximum Day Wet Weather Flow (MDWWF)
- Peak Hour Wet Weather Flow (PHWWF)

Based on the results of the hydraulic modeling of the existing sanitary sewer collection system, it was determined that the capacity of the existing system, which is located on the west side of the Salinas River, is generally adequate and is capable of meeting all sanitary sewer flows under the specified flow conditions.

It should be noted that no simulations of flow scenarios were performed to evaluate the potential for connecting those existing (or any future) customers that reside on the east side of the Salinas River to the existing sanitary sewer collection system. Nor were simulations performed to evaluate any additional flows that would be associated with the connection of additional customers that may occur as a result of development in Expansion Areas #1 & #2, which are described in a previous section of this report.

Although the existing sanitary sewer collection system has adequate hydraulic capacity to accommodate the existing and specified future development scenarios, there are improvements / modifications to the overall wastewater collection and treatment system that should be implemented. These improvements / modifications are described in subsequent sections of this report.

6.5 WASTEWATER SYSTEM ADEQUACY ASSESSMENT

6.5.1 OVERVIEW

An assessment was developed regarding the adequacy of the existing SMCSD wastewater collection, and treatment system to meet the existing and future demands of the District's customer base. This adequacy assessment is based on a combination of factors. The most important of these factors include direct input from SMCSD utility operations staff that have an intimate understanding of how the existing system is configured and performs under a variety of operational scenarios. It is the operations staff who has the institutional knowledge regarding maintenance requirements and repair history of the system, as well as the experience gained from the day to day duties required to operate and maintain the system. Input from the operations staff was supplemented with extensive reviews of "As-Built" drawings and construction documentation; previously prepared engineering and related technical reports and documents; personal site inspections; and the results of the hydraulic modelling of the wastewater collection system. Collectively, all of these sources information were considered in the development of the findings regarding water system adequacy which are summarized in the following sections of this report.

6.5.2 SANITARY SEWER COLLECTION SYSTEM

As described in a previous section of this report, the SMCSD sanitary sewer collection system includes 46,959 feet (8.9 miles) of collection system pipes ranging in size from 4-inches to 16-inches in diameter. Due to the generally flat topography within some of the older areas of the San Miguel community, the typical slope of the gravity sanitary sewer pipes in these areas is very flat. Approximately 60 percent (28,265 LF) of these pipes are vitrified clay pipe. The majority of these VCP pipe segments were constructed before 1960. In those older areas where the vitrified clay pipes exist, there are approximately ninety (90) manholes, lamp holes and cleanouts.

These older VCP pipes and manhole structures represent significant maintenance problems currently and will require an increasingly significant cost burden for repair and maintenance in the future. The majority of these smaller diameter pipes have been in the ground for greater than 50 years and represent significant maintenance problems currently and will require an increasingly significant cost burden for repair and maintenance in the future. Consideration should be given to implementing a sanitary sewer and manhole rehabilitation program which will provide for the installation of a cured-in-place polymer (CIPP) liner of these older VCP gravity sanitary sewers and the rehabilitation of those older manholes that display evidence of structural deterioration. The rehabilitation program can be implemented over a multi-year period to allow for the capital improvement costs to be budgeted as funds are available to the SMCSD. Additionally, some of these projects may be eligible for grant funding assistance under both state and federal programs.

Although the hydraulic capacity of the existing sanitary sewer collection system is adequate, the SMCSD should consider at some point in the future constructing a diversion structure which will allow flows from the west side trunk line to be partially conveyed to the east side trunk line. With this diversion structure in place, the risk of system back up and or overflow / bypass can be minimized in the event that either of the trunk lines becomes blocked or failure occurs. To accomplish this, a diversion structure can be built in the intersection of 16th Street and Bonita Place to divert flow from the west side trunk line into the east side trunk line during peak flow conditions. Alternatively, should a blockage and backup occur in the east side trunk line, the surcharges flow can be diverted into the west trunk line.

6.5.3 SEWAGE LIFT STATION FACILITIES

As described in a previous section of this report, until 2017, there were no sewage lift stations installed in the SMCSD sanitary sewer collection system. With the development of Tract 2527, a new sewage lift station was installed to provide sanitary sewer service to the 60 new residential properties. It is anticipated that this lift station will become operational in late 2017. No deficiencies have been identified with regard to this facility and it is expected to perform adequately when operation begins.

6.5.4 WASTEWATER TREATMENT PLANT

In 2016, the SMCSD commissioned the Wallace Group to perform an engineering study to evaluate the capacity of the WWTP to treat the wastewater discharges from the District under existing and future conditions. Based on the results of the study, the consultants determined that although the existing WWTP is achieving an overall organic constituent removal of 94%, it is recommended the SMCSD should begin to initiate future planning for plant expansion. The CA RWQCB typically requires dischargers to begin this planning process when the plant reaches 75% of capacity (150,000 gpd). Based on the results of the investigations and analyses that were performed in conjunction with the preparation of this report, it is concluded that the recommendations that were made by the Wallace Group regarding the WWTP need for expansion and upgrade are warranted.

6.6 RECOMMENDED WASTEWATER SYSTEM CAPITAL IMPROVEMENTS

6.6.1 OVERVIEW

The following sections provide a summary the recommended SMCSD Wastewater System Capital Improvements Program, with a brief description of the proposed projects and a preliminary cost estimate for each proposed improvement. The existing wastewater system is adequate to meet the existing demands in the system. The recommended projects are required to meet future conditions and anticipated growth within the CSD Boundary. In addition, some of the recommended capital improvements are included to address system inadequacies and/or issues that are related to operation and maintenance considerations rather that system capacity.

6.6.2 CURRENTLY PLANNED PROJECTS

The following is a brief summary of capital improvement projects which are currently underway or have been approved by the SMCSD Board of Directors.

Wastewater Treatment Plant Aerator Project

Currently, all four aeration ponds at the SMCSD WWTP are being serviced by older, inefficient mechanical surface aeration equipment. SMCSD is currently working with the County of San Luis Obispo and their consultant WSC, to design improvements to the WWTP aeration systems which will lead to a replacement of the existing equipment with new systems that utilize bubble diffusing aeration technology. Under the county program, the design and engineering services for this project will be borne by the County. When the design is completed in the first quarter of 2018, the SMCSD will solicit competitive bids for the installation / construction phase of the project. The implementation of the new system will enable the WWTP to reduce its energy use and demand and improve operations and maintenance, thereby saving the District considerable money and meeting or exceeding current treatment standards. The implementation of this project is estimated to cost the SMCSD approximately $200,000. Under a program through PG&E, the District's cost for installation / construction can be repaid over time through verified savings in the monthly energy bills. This project is expected to be completed in 2018.

6.6.3 FUTURE PROJECTS

The following is a brief summary of capital improvement projects which are recommended for inclusion the future SMCSD Capital Improvement Plans (CIP) to be approved by the SMCSD Board of Directors.

16th Street Sanitary Sewer Diversion Structure

As described in a previous section of the report, the SMCSD should construct a diversion structure which will allow sanitary sewer collection system flows from the west side trunk line to be partially conveyed to the east side trunk line. With this diversion structure in place, the risk of system back up and or overflow / bypass can be minimized in the event that either of the trunk lines becomes blocked or failure occurs. To accomplish this, a diversion structure can be built in the intersection of 16th Street and Bonita Place to divert flow from the west side trunk line into the east side trunk line during peak flow conditions. Alternatively, should a blockage and backup occur in the east side trunk line, the surcharges flow can be diverted into the west trunk line. It is recommended that the SMCSD proceed with the design and preparation of construction documents for the 16th Street Diversion Structure. Pending the availability of funding, the District should proceed with the construction of new 16th Street Diversion Structure. The estimated project costs are summarized in the following section of this report.

Multi-Year Sanitary Sewer Lining & Manhole Rehabilitation Program

As described in a previous section of the report, there exists approximately 28,265 LF of vitrified clay pipes (VCP) in the SMCSD sanitary sewer collection system. The majority of these VCP pipe segments were constructed before 1960. In those older areas where the vitrified clay pipes exist, there are approximately ninety (90) manholes, lamp holes and cleanouts. It is recommended that the SMCSD implement a multi-year program to install cured-in-place polymer (CIPP) liners in these pipes to extend the service life and reduce future maintenance and repair costs. In conjunction with the lining of the VCP

pipes, the program should include the rehabilitation of the 90 (approx.) manholes are connected to these VCP pipes. The estimated project costs are summarized in the following section of this report.

Wastewater Treatment Plant Land Acquisition for Future Expansion

As described in a previous section of this report, the SMCSD will be required to expand and upgrade the WWTP facility in the future. The District should consider acquiring the 17.5 acre tract of land which is adjacent to the SMCSD property to the north. This property acquisition will give the District significant flexibility during the planning and design process for the future WWTP expansion. The estimated property acquisition costs are summarized in the following section of this report.

Wastewater Treatment Plant Upgrade / Expansion

The SMCSD has determined that it is imperative that the process of planning and designing the expansion / renovation of the District's wastewater treatment plant be initiated in the near future. The ultimate goal of this project will be to deliver a WWTP that meets all existing and anticipated regulatory requirements and the needs of the SMCSD customers through the next 30-years. It is envisioned that the plant will be expanded to at least 0.4 mgd capacity, possibly 0.5 mgd. As part of this process, the SMCSD will identify and evaluate multiple alternatives to determine the technical feasibility and cost:benefit characteristics of each of those alternatives to determine what improvements to the WWTP are the most appropriate for the immediate and long term needs of the District. Through this effort, the District will define the project description which will be sufficient for preparation of an EIR, including recommended capacity of plant and the required footprint. In addition, the determination of the recommended treatment processes will occur. At minimum, the planning and design engineering program will address the following elements of the WWTP:

- Addition of a Headworks Facility which incorporates screening / grit removal. The function of the headworks is to remove inorganics such as sticks, stones, grit, and sand from the wastewater stream to protect and reduce wear on the downstream process equipment.
- Renovation / Replacement of the Influent Lift Station to include the replacement of the wet well structure, influent pumps, piping, valves, metering, electrical and controls system.
- Addition and / or expansion of the Aerated Treatment Ponds & Percolation Ponds to provide for future increases in hydraulic and organic / nutriant loading.
- Addition of biosolids removal facilities within the Aerated Treatment Ponds.
- Incorporate the capacity for nitrogen removal into the treatment process.
- Incorporate additional processes / facilities for water recycling / reclamation treatment, including storage and distribution facilities.
- Installation of a flexible membrane liner within the existing sludge drying pond and improvements to the sludge handling facilities.

- Installation of additional groundwater quality monitoring wells.
- Upgrade of the overall WWTP electrical and controls systems. Expansion the existing SCADA system within the plant to provide for enhanced control and monitoring / data collection / data archiving & reporting.
- Acquire additional land for WWTP expansion as may be required to implement the expansion / renovation of the facility as determined during the planning & design phase.

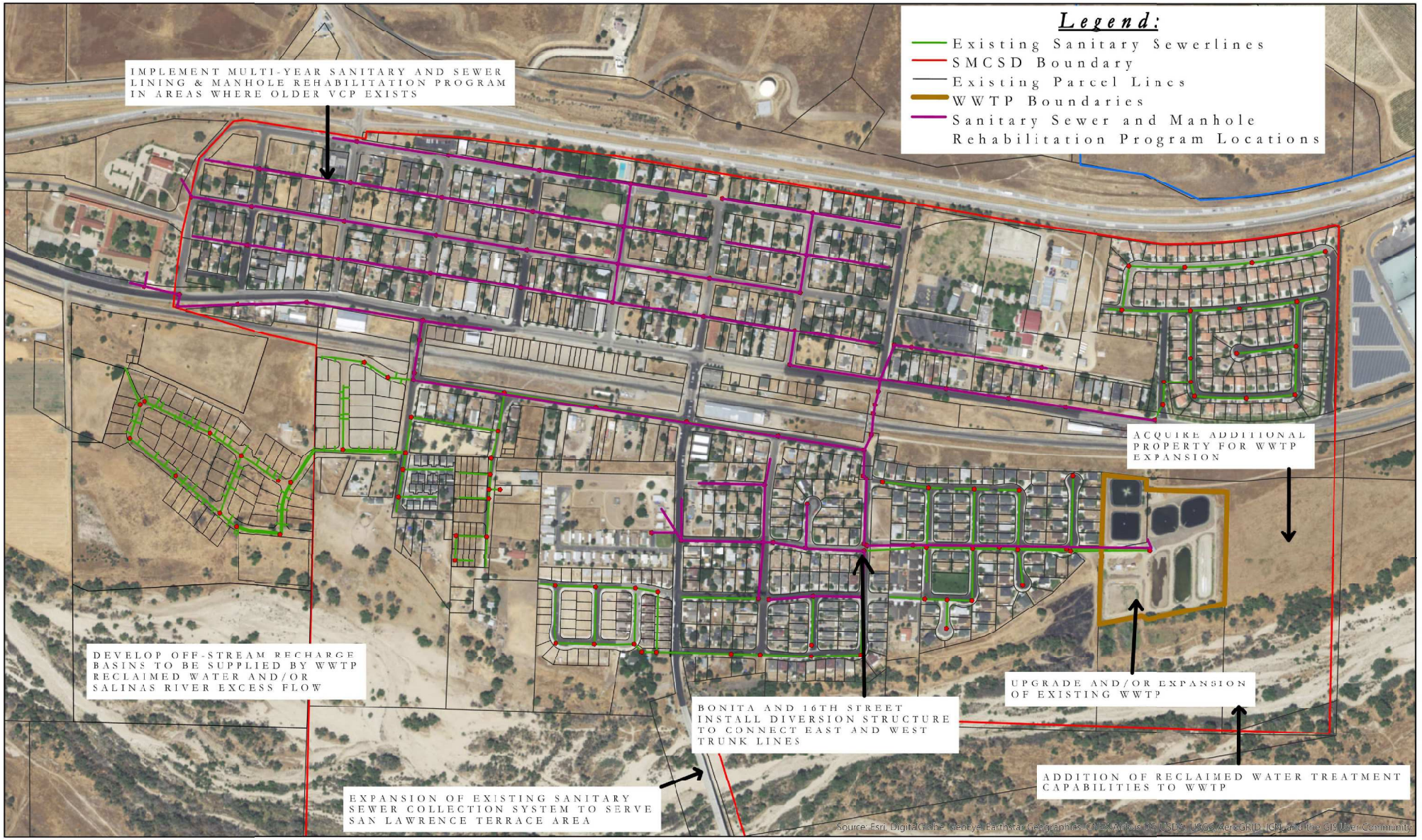
It is recommended that the SMCSD proceed with a wastewater treatment plant upgrade / expansion feasibility and alternatives study to evaluate the feasibility and develop preliminary design criteria for various alternatives. Pending the outcome of the initial investigations, the District should proceed with the final design and construction of preferred new wastewater treatment facility alternative. The estimated project costs are summarized in the following section of this report.

Addition of Reclaimed Water Treatment Processes to the Upgraded WWTP

With the passing of the Sustainable Groundwater Management Act (SGMA) by the State of California, the SMCSD elected to form a Groundwater Sustainability Agency (GSA). Under the requirements of SGMA, the SMCSD GSA has the obligation that it will be sustainable with regard to groundwater use and management by the year 2040. The initial step, after GSA formation, is to produce a Groundwater Sustainability Plan (GSP) which must be completed and adopted by 2020. The preparation of the GSP is underway and now the SMCSD must define strategies for achieving groundwater sustainability. One possible approach would be to treat the effluent from the District's WWTP to a quality that meets the standards for reclaimed water. If the District was capable of producing a supply of reclaimed water, then this supply could be used to offset potable water use within the SMCSD service area, or alternatively sold to individuals (i.e. other GSA's or agricultural irrigators) who also must demonstrate groundwater sustainability. The initial step is to evaluate the feasibility of implementing reclaimed water treatment processes at the WWTP. It is recommended that the SMCSD proceed with a wastewater reclamation system upgrade / expansion feasibility and alternatives study to evaluate the feasibility and develop preliminary design criteria for various alternatives. Pending the outcome of the initial investigations, the District should proceed with the final design and construction of preferred new wastewater reclamation treatment facility alternative. The estimated project costs are summarized in the following section of this report.

Evaluation and Feasibility Assessment of Off-Stream Recharge Basins

As described above, with the passing of the Sustainable Groundwater Management Act (SGMA) by the State of California, the SMCSD elected to form a Groundwater Sustainability Agency (GSA). Under the requirements of SGMA, the SMCSD GSA has the obligation that it will be sustainable with regard to groundwater use and management by the year 2040. The SMCSD service area is uniquely situated, from geographic perspective, to be immediately downgradient from areas that potentially offer excellent opportunities to develop off-stream recharge basins. These areas are located near the confluence of the Salinas River and the Estrella Creek. Groundwater basin recharge may be feasible by constructing



SMCSD Sewer Master Plan

0.1 0.05 0 0.1 0.2 0.3 0.4 Miles

Scale 1:5,500

Center 120°41'42"W 35°45'11"N

shallow, off-stream percolation basins in this general area whereby excess flows in the Salinas River (similar to those which occurred in the winter 2017) could be diverted and allowed to recharge the groundwater basin immediately up gradient from the District's water supply wells. Additionally, if the SMCSD decides to add water reclamation facilities to the WWTP, it is possible that excess reclaimed water could also be utilized for recharge purposes in these off-stream percolation basins. It is recommended that the SMCSD proceed with an off-stream recharge basin feasibility and alternatives study to evaluate the feasibility and develop preliminary design criteria for various alternatives. The estimated project costs are summarized in the following section of this report.

6.6.4 ESTIMATED PROJECT COSTS

The capital improvement program (CIP) costs which are summarized in the following table were developed based on engineering judgment, confirmed bid prices for similar work in the Central Coast area, consultation with vendors and contractors, established budgetary unit prices for the work, and other reliable sources.

6.6.5 RECOMMENDED PROJECT SEQUENCING

The timing for implementation of the recommended Capital Improvement Program for SMCSD water system improvements will be largely dictated by the availability of funds and future changes in the performance of the existing system infrastructure. Revisions to existing water quality regulations may also have a significant impact on future project sequencing. For the purposes of this report, each of the recommended capital improvement projects has been assigned a priority. Each project was assigned one of the following priority levels:

- Priority A: Project should be initiated in Year 1 – 3
- Priority B: Project should be initiated in Year 4 – 6
- Priority C: Project should be initiated in Years 7+

A graphical depiction of the recommended project priorities is presented in the following Table. It is noted that for those projects which are anticipated to occur over multiple years (i.e. lining of VCP pipes & manhole rehabilitation), the project has been assigned a priority which is related to when the initial work should be started.

6.6.6 DEVELOPMENT IMPACT FEES

Impact fees for future development are typically calculated based on the percentage increase in population included in the San Miguel CSD. There are approximately 704 existing sewer connections that serve SMCSD customers or are installed in a residence / business that is ready for occupancy at the time of this report. It is estimated that by the end of 2020, the total number of sewer connections that will be served by the District will be approximately 798. At full development conditions, the number of sewer connections is expected to increase to approximately 895. This represents an increase of 27.1 percent in additional demand on District sanitary sewer system, assuming that the majority of the future sewer connections are residential with similar wastewater flow patterns to the existing customers. The projected demands on the SMCSD wastewater system could increase significantly over these projections

in the event that large commercial / industrial / agricultural wastewater dischargers connect to the system. Another potential scenario that would result in a significant increase in wastewater flows to the WWTP would be related to the extension of the existing sanitary sewer system to the east side of the Salinas River, with service provided to the SMCSD customers in the San Lawrence Terrace area. The District has retained the services of a consultant who is currently engaged in the preparation of a water & sewer rate study to confirm the required connection and user fees that should be applied for new sanitary sewer connections.

SAN MIGUEL COMMUNITY SERVICES DISTRICT
WASTEWATER SYSTEM
RECOMMENDED CAPITAL IMPROVEMENTS
NOVEMBER 2017

		ESTIMATED COSTS (2017 USD)				
PROJECT #	PROJECT ID	PLANNING STUDIES / PRE-DESIGN INVESTIGATIONS	FINAL DESIGN / ENGINEERING / CONSTRUCTION DOCUMENTATION / ENVIRONMENTAL CLEARANCE / PERMITTING	LAND ACQUISITION	CONSTRUCTION / TESTING / INSPECTION	TOTAL ESTIMATED PROJECT COSTS (2017 USD)
1	Wastewater Treatment Plant Aerator Upgrade	N/A	$15,000	N/A	$200,000	$215,000
2	16th Street Sanitary Sewer Diversion Structure	N/A	$2,500	N/A	$35,000	$37,500
3	Multi-Year Sanitary Sewer Lining & Manhole Rehabilitation Program	$21,832	$152,821	N/A	$4,366,320	$4,540,973
4	Wastewater Treatment Plant Land Acquisition for Future Expansion	$15,000	N/A	$250,000	N/A	$265,000
5	Wastewater Treatment Plant Upgrade / Expansion	$182,963	$398,213	N/A	$2,152,500	$2,733,675
6	Addition of Reclaimed Water Treatment Processes to the Upgraded WWTP	$122,188	$265,938	N/A	$1,437,500	$1,825,625
7	Evaluation and Feasibility Assessment of Off-Stream Recharge Basins	$100,000	N/A	N/A	N/A	$100,000
					TOTAL ESTIMATED PROJECTED CIP COSTS	$9,717,773

SAN MIGUEL COMMUNITY SERVICES DISTRICT
WASTEWATER SYSTEM
RECOMMENDED CAPITAL IMPOVEMENT PRIORITIES
NOVEMBER 2017

PROJECT #	PROJECT ID	PLANNING STUDIES / PRE-DESIGN INVESTIGATIONS	PRIORITY	FINAL DESIGN / ENGINEERING / CONSTRUCTION DOCUMENTATION / ENVIRONMENTAL CLEARANCE / PERMITTING	PRIORITY	LAND ACQUISITION	PRIORITY	CONSTRUCTION / TESTING / INSPECTION	PRIORITY
1	Wastewater Treatment Plant Aerator Upgrade	N/A		$15,000	A	N/A		$215,000	A
2	16th Street Sanitary Sewer Diversion Structure	N/A	A	$2,500	A	N/A		$20,000	A
3	Multi-Year Sanitary Sewer Lining & Manhole Rehabilitation Program	$21,832	B	$152,821	B	N/A		$4,336,320	B
4	Wastewater Treatment Plant Land Acquisition for Future Expansion	$15,000	A	N/A		$250,000	A	$265,000	
5	Wastewater Treatment Plant Upgrade / Expansion	$182,963	A	$398,213	B	N/A		$2,733,675	B
6	Addition of Reclaimed Water Treatment Processes to the Upgraded WWTP	$122,188	A	$265,938	B	N/A		$1,825,625	C
7	Evaluation and Feasibility Assessment of Off-Stream Recharge Basins	$100,000	A	N/A		N/A		$100,000	

PROJECT PRIORITY COLOR CODE
YEAR 1-3
YEAR 4-6
YEAR 7+

San Miguel Community Services District
Board of Directors

Staff Report

November 16, 2017 **ITEM: XI – 3**

SUBJECT: Disposal of Surplus Equipment

STAFF RECOMMENDATION:
Staff recommends that the Board declare that the items on the attached list as surplus to the District's needs and authorize staff to dispose of them in accordance with the District's Surplus Equipment Policy

BACKGROUND:
Last surplus for San Miguel CSD was June 2017. For most of the items, the older they get, the more their value declines. At this point, most of the equipment no longer has any value. The best use of these items is likely to be for recycling.
However, in the case of the iPad Pro the reserve would be set at $400.00 each (refurbished and used). We will be keeping two or three of the iPad Pros'. One for a Director and back-up and one for CPR classes for the Fire Department.

Listed Below:

SMCSD surplus		
Inventory #	**Description**	**Info**
2	iPad Pro	Reuck
4	iPad Pro	Parent
5	iPad Pro	Buckman
	Trailer mounted air bottle filling station	Donated by SLO County

FINANCIAL IMPACT:
There is no cost to advertise surplus equipment. The District will be taking a loss of $260.00 per. iPad if we only get reserve amount of $400.00. The Surplus website is a bidding site.

PREPARED BY:

_____
Board Clerk/Accounts Manager