Regular Board of Directors Meeting

Thursday, November 16, 2023, at 3:00 p.m.
2435 Wallace Avenue, Summerland CA 93067

NOTES

This meeting will be held at the District's office at 2435 Wallace Avenue in Summerland. The public may listen to the meeting telephonically by calling +1 669 900 6833 (San Jose) Meeting Code ID: 983 226 8568 or through the internet at https://us02web.zoom.us/j/9832268568. The public may also attend the meeting. Should you wish to participate by offering comments on either non-agenda or agenda-related items, please follow the instructions set forth in Item IV of the agenda.

Materials related to an item on this agenda, which are part of the agenda packet, are available for public inspection on the District's website at www.summerlandsd.org, or during normal business hours (8:00 a.m. - 4:00 p.m. weekdays) in the District's office.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board at (805) 969-4344. Notification 24 hours prior to the meeting will help the Clerk make reasonable arrangements to ensure accessibility to this meeting.

AGENDA

I. **CALL TO ORDER/ROLL CALL**

II. **PLEDGE OF ALLEGIANCE**

III. **APPROVAL OF THE AGENDA** [Action Item]
The Board President will ask the Board, public, and staff if there are any additions or modifications to the Agenda.

IV. **PUBLIC COMMENT** [Non-Agenda Items]
The public may address the Governing Board on items of interest to the public that are not already on the agenda and are within the subject matter jurisdiction of the Board.
The three-minute time limit is pursuant to District regulation.

V. **CLOSED SESSION ITEMS**

A. Conference with Legal Counsel – Anticipated Litigation, Gov. Code, § 54956.9(d)(2) (Radis Family Trust vs Summerland Sanitary District)

B. Public Employee Performance Evaluation
Government Code, § 54957(b)(1)
Title: Operations Manager

VI. **APPROVAL OF THE MINUTES FOR THE REGULAR BOARD MEETING OF OCTOBER 12, 2023** [Action Item]

VII. **APPROVAL OF THE MONTHLY EXPENSES FOR OCTOBER 2023, INCLUDING PAYROLL AND PETTY CASH** [Action Item]

SUMMERLAND SANITARY DISTICT
Regular Board of Directors Meeting
AGENDA

VIII. **COMMITTEE REPORTS**

A. Finance Committee Report
B. Administrative, Operations & Personnel Committee Report
C. Ad-Hoc Strategic Committee Report

IX. **NEW BUSINESS ITEM**

A. Countywide Potable Reuse Study – Summerland Sanitary District Potable Reuse Evaluation Study- Final Study Report October 2023. [Action Item]

Description: The Board will receive a copy of the Countywide Potable Reuse Study Report of the sections that pertains to the Summerland Sanitary District and will receive a staff report.

Staff Recommendations: To accept and file the final report as received.

B. Call for Nominations for and Notice of Election for LAFCO Regular and Alternate Special District Members. [Action Item]

Description: LAFCO sent out a call for nominations for one Regular and one Alternate Special District Member to serve as the special district members on LAFCO with a term of office from March 2024 until March 2028.

X. **FINANCIAL STATUS REPORT OCTOBER 2023** [Action Item]
The Board will receive Financial Status and Cash Balance Reports for Funds 5215, 5216, and 5217 and may ask staff for explanations. The Board will be asked to accept the reports as presented.

XI. **OPERATIONS MANAGER REPORT**
The Operations Manager will provide a written report on operations, facility, and collection system maintenance and affairs and will provide explanations as requested.

XII. **ADMINISTRATIVE MANAGER REPORT**
The Administrative Manager will provide a written report on the District's administrative affairs and will provide explanations as requested.

XIII. **BOARD COMMUNICATIONS**

A. Board Communications
B. Items for future Board meetings
C. Next Board meeting date

XIV. **ADJOURNMENT**

THIS AGENDA IS POSTED ON NOVEMBER 10, 2023, ON THE SUMMERLAND SANITARY DISTRICT'S BULLETIN BOARD, AT THE SUMMERLAND POST OFFICE, AND ON THE SUMMERLAND SANITARY DISTRICT'S WEBSITE.

Email and letter to be discussed during closed session item A.

Mar Souza

A/1

From: Joe Armendariz <joe@armendarizpartners.com>
Sent: Friday, November 3, 2023 10:47 PM
To: Mar Souza
Cc: Janet McGinnis
Subject: Demand letter: Rate Overcharge for Sewer Services
Attachments: Demand for Reimbursement.pdf

Importance: High
Sensitivity: Confidential

Dear Summerland Sanitary District Board of Directors,

I am writing to you on behalf of the Radis Family Trust to express their objection to the rates charged for sewer services at 2241 Banner Avenue. After reviewing the arguments presented by the District, I am submitting this response to support the Trust's position.

It is important to consider the precedent set by the Malott vs. Summerland Sanitary District case, which establishes the requirement that fees for property services be proportionate to the actual cost of service. The Malott case demonstrates the significance of adhering to Article XIIID, Section 6 of the California Constitution.

Contrary to the District's contention, the Malott case is relevant to the current situation as it affirms the right of ratepayers to seek a refund if fees exceed the proportional cost of service. The District's settlement with Malott further suggests a recognition of potential legal vulnerability and a desire to avoid further expenses.

The District's argument that differences in water usage and discharge justify higher rates for 2241 Banner Avenue is not valid. Under Prop-218, arbitrary distinctions based on such factors are not permitted, and fees must be proportionate to the actual cost of service.

In light of these concerns, the District's arguments fail to address the issues raised regarding the rates at 2241 Banner Avenue. The Radis Family Trust requests a fair and equitable resolution, including a 50% price break and a refund for the 22-23 tax year.

Thank you for your attention to this matter. We anticipate your response and hope to work towards a resolution that upholds the principles of the California Constitution.

Sincerely,

Joe Armendariz
Managing Partner, Armendariz Partners
On Behalf of Radis Family Trust

A/2

ARMENDARIZ PARTNERS
Government Affairs Specialists

Friday, November 3, 2023

Summerland Sanitary District
P.O. Box 417
Summerland, CA 93067
Attn: Board of Directors

Re: **Demand for Reimbursement:** Rate Overcharge for Sewer Services at 2241 Banner Avenue

Dear Board of Directors,

I am writing to you as the representative for the Radis Family Trust in support of their objection to the rates charged for sewer services at 2241 Banner Avenue, as outlined in your communication on July 21, 2023. After carefully reviewing the arguments presented by the District, I respectfully submit this response to substantiate the Trust's position.

In examining the facts of the case, it is essential to consider the precedent set by the Malott vs. Summerland Sanitary District ("Malott") case, which is directly relevant to the current situation. The Malott case stands as a clear demonstration of the importance of adhering to the requirements set forth in Article XIIID, Section 6 of the California Constitution, which mandates that fees relating to property services be proportionate to the actual cost of service attributable to each dwelling unit.

Contrary to the District's contention, the Malott case does have bearing on the present matter, as it establishes the principle that ratepayers have the right to pursue a refund if a fee is found to exceed the proportional cost of service. Although the court's decision in Malott did not explicitly declare Ordinance No. 19 in violation of the California Constitution, it recognized the petitioner's allegations regarding the constitutional infirmities of the ordinance. This acknowledgment implies that the case involved substantive issues beyond mere procedural matters.

Moreover, that the District settled the Malott case is significant. Settlements are typically reached with an understanding of potential risks and costs associated with litigation, and they often imply a compromise between parties. Therefore, the fact that the District settled with Malott implies a recognition of potential legal vulnerability and a desire to avoid further expenses and uncertainties.

ARMENDARIZ PARTNERS
Government Affairs Specialists

Additionally, the District's argument that the differences in water usage and discharge between the properties at 160 Evans Avenue and 2241 Banner Avenue justify the imposition of disproportionately higher rates on the latter is not valid. Article XIIID, Section 6 does not permit arbitrary distinctions based on such factors; rather, it requires fees to be proportionate to the actual cost of service attributable to each dwelling unit. Therefore, the differences in characteristics mentioned by the District do not absolve it from its constitutional obligation to ensure that the rates charged to 2241 Banner Avenue are reasonable and proportionate.

In light of the above, it is clear that the District's arguments fail to address the concerns raised regarding the rates charged for sewer services at 2241 Banner Avenue. The District's attempts to downplay the significance of the Malott case and differentiate the property from others within the district do not absolve it from its constitutional obligation to ensure that fees are reasonable and proportionate under Article XIIID, Section 6 of the California Constitution.

Pat and Maire Radis are dedicated to working with the board to reach a fair and equitable resolution to this issue, and kindly request that the board reconsider its position and carefully consider the requirements of Article XIIID, Section 6 when reevaluating the rates charged to 2241 Banner Avenue.

In line with the principles set forth in the California Constitution, **we request that the Radis Family Trust be granted the same 50% price break that you agreed to give their neighbors at 160 Evans Avenue. Additionally, they kindly request a refund of $4876.50 for the 22-23 tax year within the next 15 days**.

Thank you for your attention to this matter. We look forward to receiving your response and to working with you towards a resolution that upholds the principles set forth in the California Constitution.

Sincerely,

Joe Armendariz
Managing Partner, Armendariz Partners
On Behalf of Radis Family Trust

VI

Minutes of the Regular Board of Directors Meeting

Thursday, October 12, 2023, at 3:00 p.m.

These are the minutes of the Summerland Sanitary District Governing Board meeting held at the District's office at 2435 Wallace Avenue, Summerland, California.

The public was able to listen to the meeting telephonically by calling +1 669 900 6833 (San Jose), code 983 226 8568, or through the internet at https://us02web.zoom.us/j/9832268568. The public was also invited to attend the meeting in person.

The agenda notice for this meeting, including instructions for the public to provide comments and/or participate in the electronic meeting, was posted on the district's website and bulletin board and at the Post Office at least 72 hours in advance of the meeting.

PRESIDENT J. COLOMY CALLED THE REGULAR BOARD MEETING TO ORDER AT 3:01 P.M.

I. CALL TO ORDER/ROLL CALL

DIRECTORS PRESENT	JOLENE COLOMY	
	JOHN FRANKLIN	
	GARY ROBINSON	
	JAMES WITMER	
	MARTIN TUCKER	
ABSENT	-	
OTHERS PRESENT	DAVID LEWIS	Operations Manager
	MARJON (MAR) SOUZA	Administrative Manager

II. PLEDGE OF ALLEGIANCE

III. APPROVAL OF THE AGENDA

President J. Colomy asked if there were any other modifications and/or changes. Hearing no objections, the agenda was approved.

IV. PUBLIC COMMENT [Non-Agenda Items]

No public comments were submitted in advance. One member of the public was present at the meeting location.

V. APPROVAL OF THE MINUTES FOR THE REGULAR BOARD MEETING OF SEPTEMBER 14, 2023 [Action Item]

Director J. Franklin made a motion to approve the minutes of the Regular Board Meeting of September 14, 2023. The motion was seconded by Director G. Robinson and was carried by the following roll call vote:

AYES:	5	J. Colomy, J. Franklin, G. Robinson, M. Tucker, J. Witmer
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

VI. APPROVAL OF THE MONTHLY EXPENSES FOR SEPTEMBER 2023, INCLUDING PAYROLL AND PETTY CASH [Action Item]

District Management answered the Board's questions and clarified information about the payout of bills. Director J. Witmer made a motion to approve the monthly expenses, including payroll and petty cash totaling $108,625 for Fund 5215. The motion was seconded by Director J. Franklin, and was carried by the following roll call vote:

AYES:	5	J. Colomy, J. Franklin, G. Robinson, M. Tucker, J. Witmer
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

VII. COMMITTEE REPORTS

A. Finance Committee Report
Did not meet.

B. Administration, Operations & Personnel (AOP) Committee
Did not meet.

C. Ad-Hoc Committee Annexation and Dissolution
The Ad-Hoc Committee did meet on October 5th and 12th and will provide a report under the New Business Agenda Item A.

VIII. **NEW BUSINESS ITEM**

A. Request from the Montecito Water District to Approve Funding up to $30,000 for a Cost Proposal for a Summerland Sanitary District (SSD) Collection System and Flow Equalization Analysis to the Montecito Sanitary District (MSD) [Action Item]

The Board received an SSD-MSD Collection System and Flow Equalization Analysis Cost Proposal totaling $136,347. The proposal is intended to provide an expansion of the current feasibility study of the SSD wastewater system connection toward Carpinteria and will mirror this study toward the Montecito Sanitary District. The Board was requested to approve funding of this cost proposal up to $30,000.

The Ad Hoc Committee expressed previously to the MWD Strategic Committee, when they met, that SSD most likely would be open to the connection study, but wanted to hold off for now until the results were in from the County Reuse/Connection Study towards Carpinteria Sanitary District. The Committee received preliminary results and the connection itself is very expensive, and results will need to be discussed with the Carpinteria Sanitary District Ad Hoc Committee and staff. The Committee said they still have many questions about the connection study towards MSD and advised the Board that it is premature to approve the expenditure for the study at this point. Staff have been directed to organize a joint meeting between the SSD Committee, the MWD, and MSD Strategic Committees to start a dialogue between the agencies.

Public Comment: Mr. David Novis requested to put the following on record: The Summerland Citizens will not benefit from combining services with MSD and will lose out. Mr. Novis objected to moving forward with such an endeavor.

Director J. Franklin made a motion to defer approving funding up to $30,000 for the new cost proposal for a collection system and flow equalization analysis from SSD to MSD until more information and communication have occurred between the three agencies and the point that the Ad Hoc Committee will provide a positive recommendation to the Board for moving forward conducting the study. The motion was seconded by Director J. Witmer, and was carried by the following roll call vote:

AYES:	5	J. Colomy, J. Franklin, G. Robinson, M. Tucker, J. Witmer
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

IX. FINANCIAL STATUS REPORT – SEPTEMBER 2023 [Action Item]

The Board received Financial Status and Cash balance reports for Funds 5215, 5216, and 5217, and staff provided explanations as requested.

A motion was made by Director J. Franklin to accept the financial status report for September 2023. The motion was seconded by Director J. Witmer, and was carried by the following roll call vote:

AYES:	5	J. Colomy, J. Franklin, G. Robinson, J. Witmer, M. Tucker
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

X. OPERATIONS MANAGER REPORT

Operations Manager D. Lewis provided a written report and answered Board questions.

XI. ADMINISTRATIVE MANAGER REPORT

Administrative Manager M. Souza provided a written report and answered Board questions.

IX. BOARD COMMUNICATIONS

A. Board communications: President Colomy said that she requested a name change for the Ad Hoc Committee Dissolution & Annexation into Strategic Committee. The Board is considering all possible options to find out what is best for the District's future and its ratepayers, and the committee is not only focusing on the possibility of dissolution and annexation but has a broader scope. The Directors agreed with this name change.
B. Items for future Board meetings: none
C. The next regular board meeting is Thursday, November 9, 2023.

X. ADJOURNMENT

President J. Colomy adjourned the meeting at 3:46 p.m.

Respectfully submitted:

_____

Gary Robinson
Secretary

Date: November 9, 2023

Minutes prepared by M. Souza

Expenditure Transactions

For the month of October 2023

From 10/1/2023 to 10/31/2023

Selection Criteria: Fund = 5215, 5216, 5217

Layout Options: Summarized By = Fund; Page Break At = Fund; Columns = Vendor

Fund 5215 -- Summerlnd San Dist Running Exp

Document	Post On	Dept	LIAcct	Description	Amount	Vendor	Vendor Name
JE - 0255838	10/2/2023		6475	HRA Administrative Fee - SEP 2023	13.50		
CLM - 0754016	10/4/2023		7516	Dig alert ticket cost September 2023	12.25	828128	UNDERGROUND SERVICE ALERT
CLM - 0754187	10/4/2023		7763	Drinking Water Delivery September 11, 2023	39.50	067307	CULLIGAN OF VENTURA COUNTY
CLM - 0754192	10/4/2023		7763	Drinking Water Delivery September 9, 2023	23.81	067307	CULLIGAN OF VENTURA COUNTY
CLM - 0754197	10/4/2023		7508	Legal Services 8/17 to 9/6/2023	110.30	146937	LAW OFFICE OF JANET K MCGINNIS
CLM - 0754024	10/5/2023		7731	Gasoline September 2023	102.99	522736	McCormix Corporation
CLM - 0754635	10/5/2023		7110	Comp. Ad-Hoc A&D Meeting 10/5/2023	175.00	167410	GARY W ROBINSON
CLM - 0754647	10/5/2023		7110	Comp. Agenda Setting Meeting 10-5-2023	175.00	009934	JOLENE M COLOMY
CLM - 0754661	10/5/2023		7110	Comp. Ad Hoc Committee Meeting 10/5/2023	175.00	765907	John Franklin
CLM - 0754665	10/5/2023		6600	Medical Benefits November 2023	5,240.54	002073	SPECIAL DISTRICT RISK MANAGEMENT AUTHORITY
CLM - 0754672	10/5/2023		7510	Call Center Service - September 2023	60.73	106048	CENTRAL COMMUNICATIONS
CLM - 0755501	10/12/2023		7053	Internet October 2023	84.38	776537	COX COMMUNICATIONS - BUSINESS
CLM - 0755509	10/12/2023		7764	Trash Service September 2023	362.61	509950	MARBORG INDUSTRIES
CLM - 0755511	10/12/2023		7121	E+H Maintenance Kit, Chlorine Sensor 9-28-2023	631.91	835122	USA BLUEBOOK
CLM - 0755516	10/12/2023		7053	Phone Wireless September 2023	183.10	297454	VERIZON WIRELESS
CLM - 0755520	10/12/2023		7363	Car Wash and Wax Liquid	29.41	178358	COAST AUTO PARTS
CLM - 0755544	10/12/2023		7671	Salty Dog Dive Service Outfall Inspection/Sampling	6,670.00	694225	Salty Dog Dive Service
CLM - 0755612	10/12/2023		7363	Car Wash and Wax Liquid	29.41	178358	COAST AUTO PARTS
JE - 0256375	10/15/2023		6400	Retirement Contr. Employer & EE Payroll 10-15-2023	5,740.51		
JE - 0256375	10/15/2023		6475	Healthcare Contr. 401(h) Retirees 10-15-2023	300.19		
CLM - 0755575	10/16/2023		6100	Regular Salaries Oct 1-15, 2023	16,426.97	790178	Summerland Sanitary District
CLM - 0755575	10/16/2023		6270	Standby Oct 1-15, 2023	890.11	790178	Summerland Sanitary District
CLM - 0755575	10/16/2023		6300	Overtime Oct 1-15, 2023	271.12	790178	Summerland Sanitary District
CLM - 0755575	10/16/2023		6500	Medicare and Fica Oct 1-15, 2023	1,403.99	790178	Summerland Sanitary District
CLM - 0756245	10/17/2023		7731	Gasoline October 2023	180.77	522736	McCormix Corporation
CLM - 0756249	10/18/2023		7763	Water September 2023	143.00	556712	MONTECITO WATER DISTRICT
CLM - 0756315	10/18/2023		7362	Mop Bucket and Wringer	136.28	790180	Summerland Sanitary District
CLM - 0756315	10/18/2023		7362	Trimmer Spool Line -Garden Trimmer	46.32	790180	Summerland Sanitary District
CLM - 0756315	10/18/2023		7363	1/2 HP Submersible Pump	147.05	790180	Summerland Sanitary District

Expenditure Transactions

From 10/1/2023 to 10/31/2023

Selection Criteria: Fund = 5215, 5216, 5217

Layout Options: Summarized By = Fund; Page Break At = Fund; Columns = Vendor

Fund 5215 -- SummerInd San Dist Running Exp

Document	Post On	Dept	LIAcct	Description	Amount	Vendor	Vendor Name
CLM - 0756315	10/18/2023		7450	Household Supplies	123.33	790180	Summerland Sanitary District
CLM - 0756315	10/18/2023		7450	8 New Board Room Chairs/ Chair Covers Blower Room	430.93	790180	Summerland Sanitary District
CLM - 0756315	10/18/2023		7454	Monthly Subscription Office 365 & Zoom	24.24	790180	Summerland Sanitary District
CLM - 0756315	10/18/2023		7459	New Computer O.M/ Malware Protection 1 year	553.47	790180	Summerland Sanitary District
CLM - 0756506	10/19/2023		7363	Hydrojetter Filter Strainer Canister	109.58	027043	ALL AMERICAN SEWER TOOLS HARBEN CALIFORNIA
CLM - 0756619	10/19/2023		7363	Parkson Beltpress Pneumatic Ram	438.32	619926	PARKSON CORPORATION
DJE - 0171282	10/20/2023		6900	Credit Worker's Comp. Recon. SDRMA Audit FY22-23	-3,030.23		
JE - 0256719	10/20/2023		6100	Relocate EE Contr. SBCERS 1st Q 23 to 6100 Payroll	4,962.83		
JE - 0256719	10/20/2023		6400	Relocate EE Contr. SBCERS 1st Q 23 to 6100 Payroll	-4,962.83		
CLM - 0757378	10/25/2023		7121	490 Gallons of Sodium Bisulfite	1,930.68	214614	UNIVAR SOLUTIONS USA INC
CLM - 0757382	10/25/2023		7761	Electric Bill 8-31 to 10-1-2023	5,945.34	767200	SOUTHERN CALIFORNIA EDISON
CLM - 0757384	10/25/2023		7053	Monthly Charge LS Alarm Phones 10/13-11/12/2023	264.10	075391	FRONTIER
CLM - 0757386	10/25/2023		7053	Monthly Charge Plant/Office Phone 10/13 to 11/12/2	263.68	075391	FRONTIER
CLM - 0757652	10/26/2023		7121	833 Gallons of Sodium Hypochlorite	3,433.52	214614	UNIVAR SOLUTIONS USA INC
CLM - 0757989	10/30/2023		7362	Paint Brushes	33.65	151096	CARPINTERIA VALLEY LUMBER CO
CLM - 0758569	10/31/2023		6100	Regular Salaries Oct 16-31, 2023	18,108.97	790178	Summerland Sanitary District
CLM - 0758569	10/31/2023		6270	Standby Oct 16-31, 2023	950.98	790178	Summerland Sanitary District
CLM - 0758569	10/31/2023		6500	Medicare and Fica Oct 16-31, 2023	1,523.71	790178	Summerland Sanitary District
JE - 0257283	10/31/2023		6400	Retirement Contr. Employer & EE Payroll 10-31-2023	6,158.83		
JE - 0257283	10/31/2023		6475	Healthcare Contr. 401(h) Retirees 10-31-2023	300.19		
				Total SummerInd San Dist Running Exp	77,369.04		

Expenditure Transactions

From 10/1/2023 to 10/31/2023

Selection Criteria: Fund = 5215, 5216, 5217

Layout Options: Summarized By = Fund; Page Break At = Fund; Columns = Vendor

Fund 5217 -- SummerInd San Dist-Capital Rep

Document	Post On	Dept	LIAcct	Description	Amount	Vendor	Vendor Name
CLM - 0753813	10/3/2023		8300	Belt Press: Screens Upper & Lower	4,472.21	619926	PARKSON CORPORATION
				Total SummerInd San Dist-Capital Rep	4,472.21		

IX A/1

Board of Directors Meeting
STAFF REPORT

TO : Board of Directors

FROM : District Operations Manager

DATE : November 7, 2023

RE : Countywide Potable Reuse Evaluation

Background

The County of Santa Barbara received the Final Draft of the Countywide Reuse Evaluation, prepared by Carollo Engineering.

Eighteen wastewater utilities were surveyed for reuse opportunities. Four wastewater treatment plants were selected to be included in the study. An analysis of pumping all of the raw wastewater from the Summerland Sanitary District to the Carpinteria Sanitary District WWTP for Secondary Treatment followed by treatment at the future Carpinteria Advanced Purification Project (CAPP), and Groundwater Injection was included.

The study identified the need for a Flow Equalization Basin (EQ) to buffer the hydraulic loading, particularly during rain storm events. The necessary down-stream infrastructure was evaluated for EQ basins sized to achieve 0.2 MGD or 0.47 MGD.

Increasing the CSD existing wastewater lift station capacity and upsizing portions of the CSD collection system was looked at for each flow scenario.

Costing for the construction, operation, and power requirement was estimated for each EQ Basin flow scenario. Timelines for the project Planning, Implementation, and Operations & Operator Training were also estimated.

The conclusion of this report listed Summerland Sanitary District Next Steps. Including the need for further analysis of the existing assets and equipment of the SSD treatment plant and Collection system that could utilized for cost savings on the project.

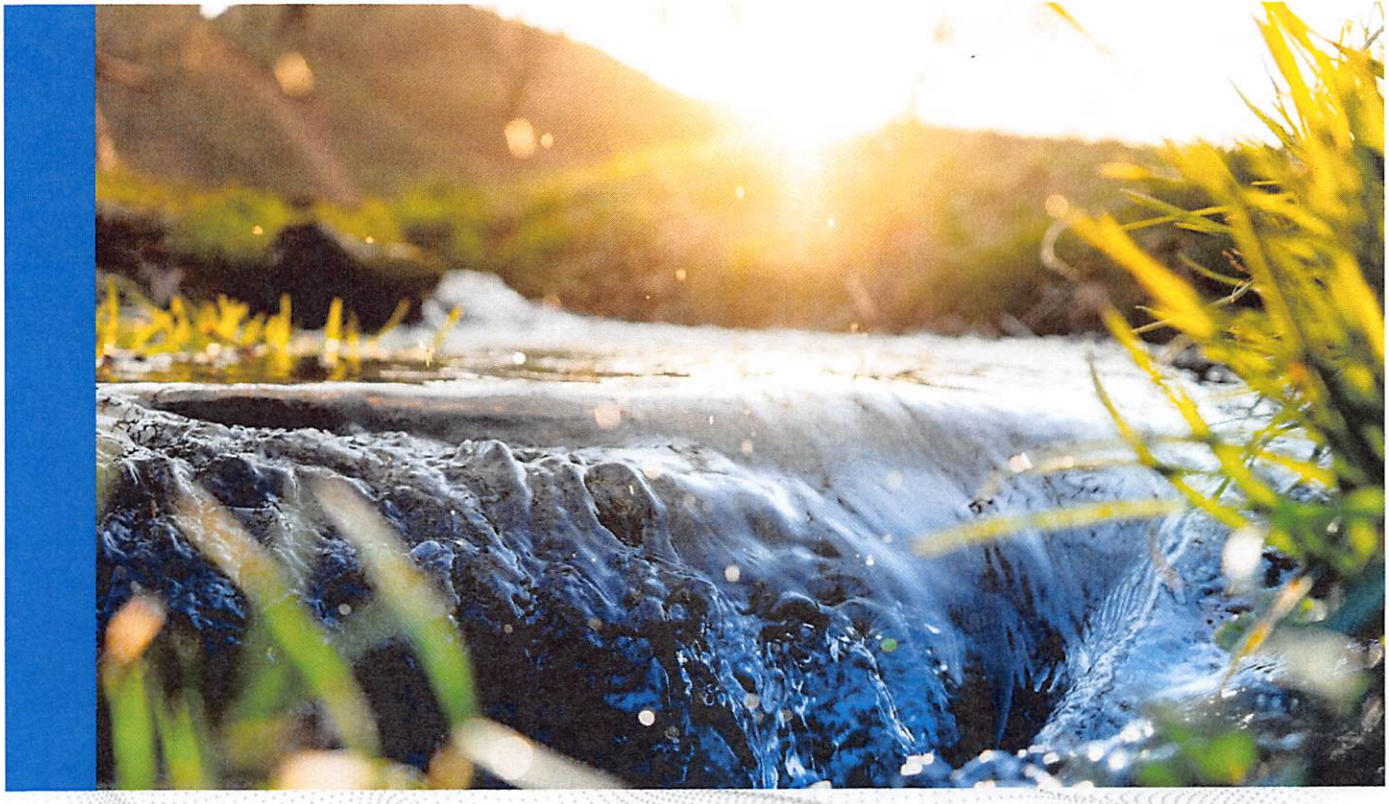
Attachments

1. All portions of the report relating to SSD and SSD/CSD connections.
2. Cost estimates made for the project.

Recommendation of Staff

To accept and file for future reference.

A/2



Countywide Potable Reuse Evaluation

FINAL DRAFT / October 2023

carollo

5.3.5 Advanced Water Purification Facility Waste/Backwash Return Infrastructure

A single pipeline will convey backwash and other waste flow from the AWPF back to the respective WWTPs. For IPR scenario, the primary source of backwash flow is the UF treatment process while the primary sources of backwash flow for DPR scenario are the UF and BAC treatment processes. Other waste flows include neutralized CIP wastes, UF strainer backwash waste, online analyzer drain wastes, and "flush" wastes from all membrane processes. The combined wastes for both IPR and DPR scenarios are routed to "waste EQ" basin with a combined air gap structure, allowing the combined backwash to be pumped at a constant rate. The waste EQ basin for all IPR and DPR scenarios analyzed will be conservatively sized at 100,000 gallons.

In addition to backwash flow and other waste flows, any water identified to be off-spec during AWPF operation will need to be conveyed back to the WWTP sewer lines. Off-spec flows are assumed to be redirected after either the BAC (DPR scenario only) or RO treatment steps and conveyed via an air gap structure and return flow pumps. The size of the waste/backwash return piping is dictated by the largest flow rate through a single treatment process train in the AWPF plus the anticipated flows from the backwashing and cleaning processes. In both the IPR and DPR treatment processes, the flow rate of a single RO train is the largest single train flow rate, and thus dictates the sizing for the waste/backwash return pipeline. Pipeline design details are provided in Table 5.11. Pipeline alignments are not shown, as these lengths and alignments are short and could change based on final AWPF siting.

Table 5.11 AWPF Waste/Backwash Pipeline Design Details

Pipe Purpose	Flow (mgd)	Pipe Diameter (inches)	Pipeline Length (feet)
City of Solvang AWPF (Feed Flow = 1.0 mgd)			
Solvang IPR Waste/Backwash Return Pipe	1.05	8	800
Solvang DPR Waste/Backwash Return Pipe	0.98	8	800
City of Buellton AWPF (Feed Flow = 0.43 mgd)			
Buellton IPR Waste/Backwash Return Pipe	0.45	6	500
Buellton DPR Waste/Backwash Return Pipe	0.43	6	500
Combined Solvang/Buellton AWPF (Feed Flow = 1.02 mgd)			
Buellton IPR Waste/Backwash Return Pipe(1)	1.07	8	500
Buellton DPR Waste/Backwash Return Pipe(1)	1.01	8	500

Notes:
(1) All waste flows and backwash will be conveyed to the Buellton WWTP for the combined Solvang/Buellton project.

5.4 Summerland Sanitary District Infrastructure

The following subsections detail the infrastructure needed to transport raw wastewater from the existing SSD system to the CSD WWTP for treatment and subsequent advanced treatment as a part of the planned CAPP project.

5.4.1 Existing Carpinteria Sanitary District Collection System

As a part of this project, the existing hydraulic model of the CSD wastewater collection system was analyzed to understand the impacts of adding in the range of SSD wastewater flows from 0.2 mgd (representing the minimum equalized flow that can be accommodated) to 0.54 mgd (maximum observed non-equalized peak flow). Such an analysis allows for a better understanding of the anticipated CSD system challenges as well as points that additional wastewater flow could be added in.

The CSD system consists of approximately 40 miles of gravity main piping and 8 miles of force main piping. Pipes range in size from 21- to 4-inches in diameter. The collection system includes eight total lift stations. Figure 5.14 shows the CSD system.

Conversations with CSD staff indicated that Lift Stations No. 2 and No. 4 are already challenged under existing wet weather flows. It is likely both lift stations will need to be upgraded with larger pumps if SSD flow is added upstream of these lift stations. CSD staff also indicated that the WWTP is equipped to take all the SSD flow (up to anticipated peak flows) and their main concern is collection system bottlenecks that would occur due to the added flows from SSD.

5.4.2 Summerland Sanitary District Raw Wastewater Piping

A new pipeline will be constructed to transport raw wastewater from the SSD WWTP site to the identified connection points in the CSD system. As discussed in Chapter 2, equalized flows from 0.1 mgd to 0.47 mgd were assessed based on available flow data. For the purposes of required infrastructure, two flows rates were assumed as options for connecting to the CSD system:

- **0.2 mgd:** Represents the largest possible EQ basin size that can feasibly be constructed at the SSD WWTP site (see Section 0 for further EQ basin discussion).
- **0.47 mgd:** Represents the equalized flow possible from utilizing the existing 70,000-gallon EQ basin at the SSD WWTP site. This minimum level of EQ may not be acceptable to CSD.

Table 5.12 presents anticipated sizing and design criteria for the raw wastewater pipeline options as well as pump power requirements. The specific alignment of the pipeline is illustrated on Figure 5.15.

Table 5.12 Untreated Wastewater Feedwater Design Details

Pipe Flow (mgd)	Pipeline Length (miles)	Pipeline Length (feet)	Pipe Diameter (inches)	Pump Power Demand (hp)
0.2	3.12	16,500	6	5
0.47	4.29	22,600	6	40

Figure 5.14 CSD Wastewater Collection System

Figure 5.15 Untreated Wastewater Feedwater Preliminary Pipe Alignment From SSD to CSD

As shown on Figure 5.15, the 0.2 mgd connection point is located upstream of the two lift stations that CSD indicated may be capacity deficient (Lift Station No. 4 and No. 2) and the 0.47 mgd connection point is upstream of one of the deficient lift stations (Lift Station No. 2). Based on the CSD collection system model, the lift station pump design criteria are shown in Table 5.13.

Table 5.13 Lift Station No. 2 and No. 4 Existing Capacity

Lift Station	No. Pumps	Design Flow (mgd)	Existing Peak Hourly Flow (mgd)(1)	Capacity Deficient?
Lift Station No. 4	1+1	1.14	0.59	No
Lift Station No. 2	1+1	0.79	1.23	Yes

Notes:
(1) Existing flow is PWWF without any added SSD flow.

The 0.2 mgd and 0.47 mgd flows were input into the model to assess the impacts to these existing lift stations. The following capacity deficiencies were noted as shown in Table 5.14.

Table 5.14 Lift Station No. 2 and No. 4 Capacity With Added SSD Flows

Flow Added (mgd)	Lift Station No. 4		Lift Station No. 2	
	New Peak Hourly Flow (mgd)	Capacity Deficient?	New Peak Hourly Flow (mgd)	Capacity Deficient?
0.2	0.79	No	1.43	Yes
0.47	0.59	(1)	1.71	Yes

Notes:
(1) The 0.47 mgd flow will be added downstream of Lift Station No. 4. Therefore, no flow change from the existing conditions is anticipated.

As noted, based on this preliminary analysis, Lift Station No. 4 has sufficient capacity while Lift Station No. 2 has capacity deficiencies in all flow scenarios, including at existing flows. For the purposes of this analysis, it is recommended that additional pump(s) be installed at Lift Station No. 2 of the same capacity as the existing installed pumps. It is recommended that variable frequency drives be installed on the new pumps. Lift station upgrades for Lift Station No. 2 are shown in Table 5.15.

Table 5.15 Lift Station No. 2 Capacity Upgrades

Flow Added (mgd)	No. Pumps	Capacity Required (mgd)	New Capacity (mgd)
0.2	2+1	1.43	1.58
0.47	3+1	1.71	2.37

The resulting increase in flows and upsizing of Lift Station No. 2 may require upsizing portions of the existing CSD gravity main piping. Based on discussions with CSD, the maximum depth to diameter ratio (d/D) within the collection system is 0.92 based on typical values in similar systems. Figure 5.16 and Figure 5.17 show the locations of pipe in both flow scenarios where d/D exceeds 0.92 and Table 5.16 and Table 5.17 show the anticipated feet of replacement that would be required, at a minimum.

Figure 5.16 Modeled Gravity Mains Exceeding d/D = 0.92 (0.2 mgd Flow Scenario)

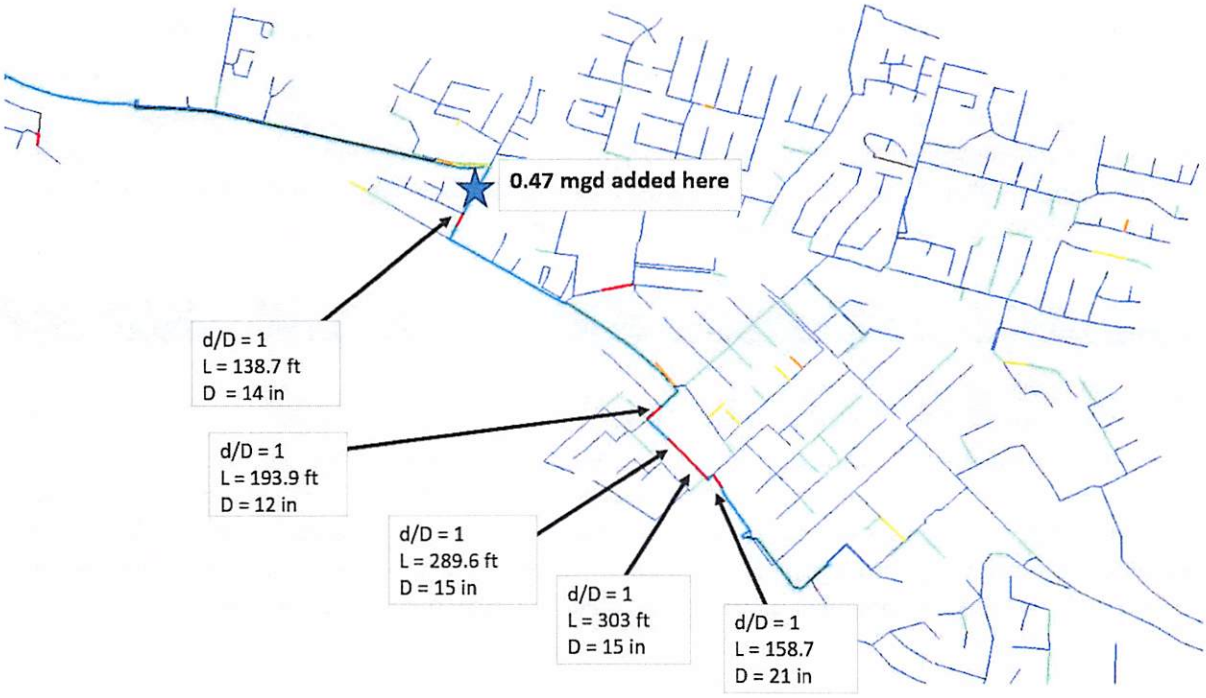


Figure 5.17 Modeled Gravity Mains Exceeding d/D = 0.92 (0.47 mgd Flow Scenario)

Table 5.16 0.2 mgd Flow Scenario – CSD Pipe Upsizing

Initial Pipe Diameter (inches)	Upsized Pipe Diameter (inches)	Length of Pipe Needing Upsizing (feet)
10	12	154
14	16	139

Table 5.17 0.47 mgd Flow Scenario – CSD Pipe Upsizing

Initial Pipe Diameter (inches)	Upsized Pipe Diameter (inches)	Length of Pipe Needing Upsizing (feet)
12	14	194
14	18	139
15	16	593
21	24	159

Pipe upsizing can be accomplished via several different construction methods; for the purposes of this project (and for cost assumptions) the selected method for pipe upsizing was remove and replace-in-place. A summary of this, and other common pipe replacement methods, are as follows:

- **Remove and Replace-in-Place:** Replace new pipe in the same alignment as existing. Temporary bypass piping is required during replacement to keep the system in service.
- **Replace With Parallel Pipe:** Construct the new pipe parallel to the existing. Bypass piping is not required as the existing pipe can remain in service for most of the construction time. However, the parallel alignment will require coordination with existing utilities.
- **Pipe Bursting:** Breaking and expanding the existing buried pipeline while simultaneously replacing it with a new high-density polyethylene or fusible polyvinyl chloride (PVC) pipe. The pipe size can typically be increased by up to two nominal pipe diameters using this method.

5.4.3 Summerland Sanitary District Flow Equalization

Two different flow EQ sizes were evaluated at the SSD WWTP site. The first utilizes the existing 70,000-gallon EQ basin, the other larger size utilizes the empty space on the western side of the WWTP property. Future analysis could include constructing an EQ basin at a new property, but no property was able to be identified for the purposes of this high-level study. The new EQ basin assumes a 6-foot clearance from the property fence line and from existing treatment processes. Table 5.18 shows the dimensions of the new EQ tank and Figure 5.18 and Figure 5.19 show the layout of both EQ tank options, including required supporting facilities that will be discussed in the following subsection.

Table 5.18 Flow EQ Basin Design Criteria

EQ Basin Type	Dimensions (feet)	Depth (feet)	Total Volume (gallons)
Covered Rectangular Basin	Length = 64 Width = 33	30 (plus 2 feet of freeboard)	470,000

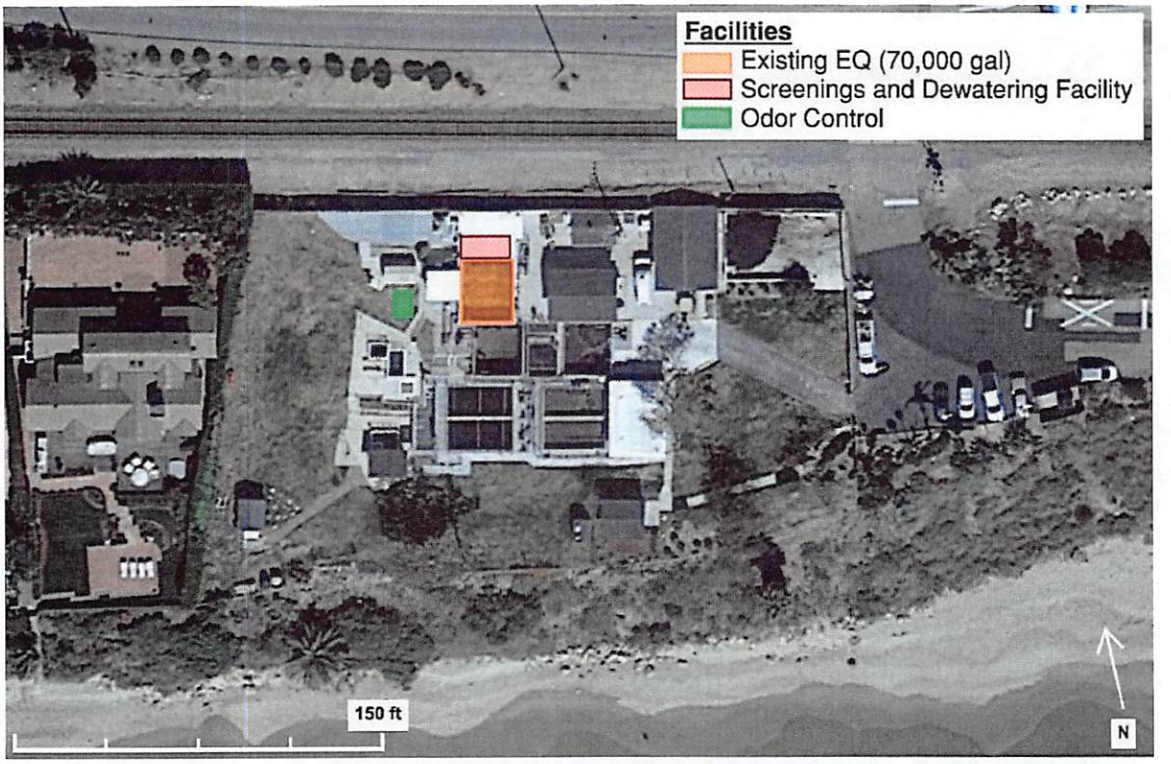


Figure 5.18 Existing (70,000 Gallon) SSD EQ Basin and Supporting Facilities Layout

Figure 5.19 New (470,000 Gallon) SSD EQ Basin and Supporting Facilities Layout

Construction of the new, larger EQ tank will present a lot of constructability challenges. The following considerations should be kept in mind should this be pursued:

- The anticipated depth of the EQ basin is approximately 30 feet to achieve the 470,000-gallon volume. This will likely require extensive dewatering efforts throughout construction.
- Excavation will require sheet piles, it is recommended these be vibrated in to reduce noise that may disturb the adjacent residential property.
- A large staging area may be required for a clamshell excavator and crane for sheet pile installation.
- Noise restrictions and proximity to the railroad right-of-way may present challenges.

5.4.3.1 Process Mechanical Considerations

In addition to the EQ basin the following treatment processes should be added or maintained at the SSD WWTP site.

- **Grinder and bar screen:** It is recommended that the existing grinder and bar screen facilities be maintained for raw wastewater screening.
- **Screenings and screenings dewatering facility:** It is recommended a new screenings and screenings dewatering facility be constructed to remove additional particles from the raw wastewater and reduce the frequency of EQ basin cleanout. Because the EQ basin is primarily used for PWWF events, grit removal was deemed not necessary. In addition, per plant staff input, the WWTP currently gets very low volumes of grit and debris in their influent wastewater:
  - ***EQ basin cleaning:*** *The EQ basin may need periodic cleaning after use. The simplest approach to accommodate this is to design the EQ basin cover with access to spray down from the top using water cannons. In addition, the cover should allow plant operators to make a confined space entry to hose down the basin from inside if needed. EQ basin floors should be sloped towards the EQ pump station wet well to allow the grit to flow towards the pumps and be pumped out of the basin.*
- **EQ pump station:** As noted above, a new pump station is required to transfer equalized flow to the CSD connection. In the case of the new, larger EQ basin, this pump station could be constructed as a wet well within the basin to save space.
- **Odor control:** It is recommended to install a new odor control facility, particularly to mitigate odors from the larger EQ basin option. To save space, this odor control could be installed over the wet well of the EQ pump station. In general, the odor control system should be installed in a space that allows for truck access for media change-out activities to occur.

Figure 5.20 shows an example of a 1.6 mgd screenings, dewatering, and odor control system recently installed at the City of Morro Bay's WWTP. This is a similar process to what would be required at the SSD WWTP for pretreatment ahead of EQ.

Figure 5.20 City of Morro Bay Screenings, Dewatering, and Odor Control System

Odor Control System Sizing and Recommendations

While there are numerous odor control technology options available, for the purposes of this evaluation a simple technology using a GAC tower with a high-capacity media is assumed. Equipment assumed for sizing and evaluation purposes is round single bed carbon adsorber (at 3 to 4 second empty bed residence time [EBRT]) as this system is a highly operator-friendly, hands-off approach and, depending on actual hydrogen sulfide (H_2S) values anticipated it may also be the most economical option available. Figure 5.21 shows a photo of a carbon adsorber system, installed at DCWater in Washington D.C.

Figure 5.21 DCWater Carbon Adsorber Odor Control System

Odor control system sizing for each alternative was based on air space for the total volume of each EQ basin. Since these basins will be used cyclically during wet weather events, sizing for the largest possible air space provides for a comfortable level of conservation at this level of study. Ventilation calculations assume a rate of two air changes (ACs) per hour for the empty volume, as the level of wastewater within the EQ basin rises so too will the ACs. Table 5.19 shows the design criteria for the carbon adsorbers for both sizes of EQ basins.

Table 5.19 EQ Basin Odor Control Sizing

Flow Scenario (mgd)	Approximate EQ Volume (cf)	Required Ventilation Rate (cfm)	No. of Carbon Adsorber Vessels	Adsorber Diameter (feet)	Adsorber Height (feet)	EBRT (seconds)
0.2	67,600	2,300	1	8	9	3.93
0.47	9,700	350	1	3	8	3.64

Notes:
cf - cubic feet; cfm - cubic feet per minute

Should this project proceed into design, other odor control options could be considered. Common technologies include:

- **Biotrickling filter towers (BFTs):** At 12- to 15-second EBRT, BFTs are excellent for moderate and high H_2S levels. They can make for a cost-effective solution but usually this technology requires approximately two weeks to acclimate and can be prone to upset conditions if H_2S levels drop or are not maintained above 1 part per million. In addition, the BFT is large, at 8-foot diameter and 20-feet tall, which would be harder to hide behind a fence, a likely concern for the adjacent residential neighbors, and requires more frequent maintenance than carbon adsorbers.
- **In-ground biofilters:** Require a 30- to 45-second EBRT. Unfortunately, these take up a sizable footprint; an in-ground biofilter that is nearly 20-feet by 20-feet with an approximately 4-foot-deep bed gives a 42 second EBRT at 2,300 cfm. A deeper bed may be an option to reduce the footprint. Synthetic media with a thermally applied nutrient coating is suggested, but a more cost-efficient option with woodchip or bark media can be purchased. Organic media has a more frequent change-out (approximately every four to five years), creating some maintenance for the operator.
- **Chemical scrubber:** This option requires the most maintenance and presents safety concerns for chemical deliveries. This option is not recommended in remote areas or in neighborhoods.

Table 7.19 Solvang/Buellton Combined Project Unit Cost Estimates

Cost Item	Unit Cost(1)		
	IPR (6 Month Conveyance Pipeline), $/year	IPR (12 Month Conveyance Pipeline), $/year	DPR, $/year
$/ac-ft	$14,500	$14,700	$17,400
$/MG	$44,500	$44,900	$53,400

Notes:
(1) Calculated using the annualized capital cost, annual O&M cost, and assuming the facility is running at capacity 365 days per year.

If the Solvang permit negotiations are successful, then the large 4.3 MG EQ basin would be removed from the project, **resulting in an approximately 30 percent reduction in the unit costs**.

7.6 Summerland Sanitary District Connection to Carpinteria Sanitary District Capital and Operations and Maintenance Costs

Table 7.20 and Table 7.21 show the total capital and annual O&M costs for the SSD flow transfer projects.

Table 7.20 SSD Total Project Cost Estimates

Cost Item	Total Project Cost	
	0.2 mgd Equalized Flow to CSD	0.47 mgd Equalized Flow to CSD
New Pipe From SSD to CSD	$6,591,000	$9,434,000
Upsized CSD Piping	$151,000	$644,000
Pump Station	$1,469,000	$3,996,000
New 0.47 MG EQ Basin	$9,120,000	-
Rehabilitate Existing EQ Basin	-	$441,000
Odor Control System	$869,000	$623,000
Screenings and Conveyor Facility	$1,679,000	$1,679,000
Total	**$19,880,000**	**$16,820,000**

Table 7.21 SSD Annual O&M Cost Estimates

Cost Item	Annual O&M Cost	
	0.2 mgd Equalized Flow to CSD ($/year)	0.47 mgd Equalized Flow to CSD ($/year)
Power	$73,000	$153,000
Annual Maintenance(1)	$99,000	$84,000
Odor Control Media Replacement	$5,000	$1,000
Total	**$177,000**	**$238,000**

Notes:
(1) Annual maintenance estimated as 0.5 percent of total capital costs.

Table 7.22 shows the annualized project costs and unit costs for the SSD flow transfer projects. Unit cost was not calculated for this project as this is dependent on the CAPP purification costs, which are under development as part of design.

Table 7.22 SSD Annualized Total Project Cost Estimates

Cost Item	Annualized Total Project Cost[1]	
	0.2 mgd Equalized Flow to CSD ($/year)	0.47 mgd Equalized Flow to CSD ($/year)
Annualized Total Project Cost	$1,261,000	$1,213,000

Notes:
(1) Calculated assuming an interest rate of 3.5 percent and annualized over 30 years.

7.6.1 Carpinteria Sanitary District Connection Fees

In addition to the project cost estimates as displayed in this report, a comprehensive fiscal analysis needs to be conducted to determine all direct and indirect costs of the public services that are proposed to be assumed by the successor agency if the connection is successful.

7.7 Implementation Timelines

The timeline to implement a potable reuse project can vary depending on the urgency and need, regulatory climate, and specific project details. The following subsections discuss the overall approach to implementing potable reuse projects.

7.7.1 Indirect Potable Reuse Timeline

The following sections describe the timeline for IPR implementation and the key elements for IPR success. The next steps are incorporated into the project implementation phases.

7.7.1.1 Project Timeline

The goal of this IPR implementation timeline and approach is to provide insight into key project elements and how they might fit within an overall project delivery timeline. The project timeline components can be broken into three parts—planning phase, demonstration phase, and implementation phase.

7.7.1.2 Planning Phase

This work represents the initial planning efforts. The next steps that would be part of the planning phase may include:

- Define a financial model and governing approach for a future potable reuse program.
- Refine planning approaches based upon the specific needs of project participants.
- Identify grant funding opportunities. Focus will be on the application timing and components needed to secure funding.
- Produce a US Bureau of Reclamation "compliant" report that can be used for federal grant funding.

The planning phase tasks are detailed on Figure 7.1.

Project Phase	Year 1	2	3	4	5	6	7
Planning							
Project Visioning							
Feasibility Study							
Outreach							
Grant Funding							
Implementation							
Permitting							
Pre-Design (Basis of Design Report)							
Design							
Procurement							
Construction							
Operations & Operator Training							
AWTO Training and Certification							
AWPF Full Scale Operations							

Figure 7.1 Potential IPR Implementation Timeline Based on Three Main Project Phases

7.7.1.3 Implementation Phase

The implementation phase includes permitting, as well as design and construction of the project.

Elements of the implementation phase include:

- Environmental permitting is conducted via the CEQA process.
- RWQCB permitting requires preparation of a Title 22 Engineering Report (reviewed and approved by the DDW):
  - *Both permitting tasks will start with the demonstration phase and continue throughout the implementation phase.*
  - *It should be noted that the timeline for permitting and approval may fluctuate and are project and agency dependent.*
- Produce a Basis of Design Report. This report aids in greater project and cost confidence while also meeting requirements needed for State Revolving Fund funding.

- Project design is completed and the project goes out for bid.
- The project is constructed.

The implementation phase tasks are detailed on Figure 7.1.

7.7.1.4 Operations and Operator Training

The timeline for operator training assumes that all AWTOs will be promoted from within the existing water utility and trained as an AWTO. Given the small number of existing AWTO certified operators, it does not currently make sense to assume these operators can be hired from outside the organization. This also leads to the need to train replacement staff for the operators who transition into the AWTO role.

7.7.1.5 Schedule Risks

Throughout the implementation timeline there are elements that can result in schedule delays or project uncertainty. Some challenge to be aware of are:

- Public perception:
  - *As a utility implements a potable reuse project, community confidence, understanding, acceptance, and support, along with stakeholder involvement, become essential:*
    - Issues that commonly come up with the public include no-growth concerns, rate impacts, and general concerns over the concept of potable reuse. It is important the project sponsor become aware of the likely concerns in the service area to address these early on.
    - Initiating and maintaining an extensive public engagement campaign is critical.
- Interagency agreements:
  - *To implement a successful IPR project, a high degree of interagency coordination is needed. An interagency agreement will be needed to define elements of a project including:*
    - Cost sharing.
    - Responsibility for risk and liability.
    - Operational responsibilities.
    - Response to a system failure and/or interruption.
    - Meeting regulatory requirements.
  - *Developing consensus between multiple agencies can be time consuming. Consequently, this should be an early priority in the project.*

7.7.2 Direct Potable Reuse Timeline

The goal of this DPR implementation timeline and approach is to provide perspective on key project elements and how they might fit within an overall project delivery timeline.

Figure 7.2 shows a general sequence of events typically assumed for DPR implementation. The timeline has been divided into four phases—planning, demonstration, implementation, and operations/operator training. Although these phases are ordered generally in sequence, there is overlap between them and some activities, particularly those associated with implementation and operation and training, continue throughout the life of the project. For example, projects may be required by the DDW to convene an IAP during the planning phase to provide input on project concepts, and the IAP will typically also convene at

key points throughout the project. Another example is with operations. Although the actual operation of a purified water facility wouldn't start until the facility is built, advanced planning for plant staffing and operator training would need to start much earlier to ensure that there are sufficient qualified operators once the AWPF comes online.

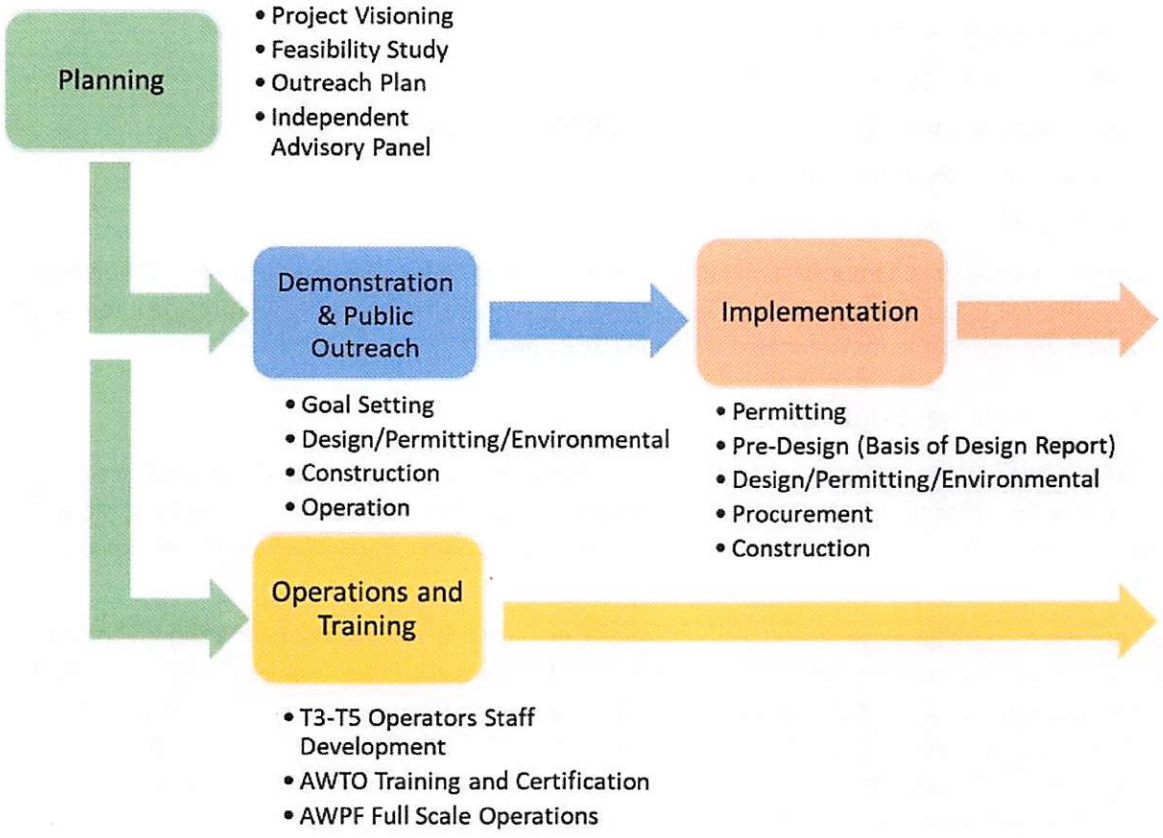


Figure 7.2 Four Main Phases of DPR Implementation

Some key assumptions and considerations incorporated into the development of the DPR project timeline on Figure 7.2 are as follows.

7.7.2.1 Planning Phase

Project visioning is a key component of planning for a DPR project. Visioning starts with clearly laying out and defining the need for the project, i.e., defining the water supply challenge addressed by the project, and quantifying how much water is needed. It is also an opportunity to place the project within the larger planning context and to begin to think about coordination with existing or planned projects and availability and sources of funding. This study herein represents the project visioning and feasibility components of the planning phase of the evaluation, to be followed by outreach and engagement, and National Water Research Institute efforts if the project is selected to progress.

7.7.2.2 Demonstration and Public Outreach Phase

The first step to implementing a demonstration facility is goal setting. In this stage, the project sponsor defines the demonstration goals, which are typically design, permitting, operations, engagement, and innovation. Some examples of demonstration facility goals are:

- Validating the project concept.
- Engaging with the public and stakeholders.
- Demonstrating the ability to effectively operate AWT technologies.
- Researching issues of emerging concern.
- Engaging with regulators.

Defining the timing for a demonstration facility and committing to funding and building a demonstration facility is the first major action item for a DPR project. The demonstration facility will provide information to support the decision to move forward with a full-scale project.

7.7.2.3 Implementation Phase

Typically, a demonstration facility would precede a decision about moving forward with a full-scale project. However, if a project sponsor has full commitment to move forward with a project prior to a demonstration facility, the implementation phase could begin sooner, in parallel with the demonstration phase.

Permitting for a potable reuse project includes several elements. Environmental permitting is conducted via the National Environmental Protection Act and the CEQA process. Projects must also be permitted by the RWQCB, which requires preparation of a Title 22 Engineering Report (with review and approval by DDW). Projects may also require updates of the relevant NPDES discharge permit to accommodate discharge of ROC through an ocean outfall. ROC disposal through deep well injection will require coordination with the appropriate regional EPA office.

7.7.2.4 Operations and Operator Training

The timeline for operator training assumes that all AWTO will be promoted from within the existing water utility and trained as an AWTO. Given the small number of existing AWTO certified operators, it does not currently make sense to assume these operators can be hired from outside the organization. This also leads to the need to train replacement staff for the operators who transition into the AWTO role.

7.7.2.5 Schedule Risks

Throughout the implementation timeline there are elements that can result in schedule delays or increased uncertainty. Some examples of challenges faced by utilities working to implement DPR are:

- Consensus on the project:
  - *Internal discussion on the project definition, value, and urgency can significantly impact timeline.*

- Water supply need:
  - *Projects have been deferred due to reduction of drought conditions.*
  - *If other potential new water sources are in play, these may be preferred under certain supply demand scenarios.*
- Public perception:
  - *As a utility implements a potable reuse project, community confidence, understanding, acceptance, and support, as well as stakeholder involvement, become essential. However, members of the general public often are not aware of the details of their water supply or the systems in place to bring drinking water to their business and homes, and the mechanisms employed to ensure that the quality of their finished water is protective of public health.*
  - *Issues that commonly come up with the public include no-growth concerns, rate impacts, and general concern over the concept of potable reuse. Project sponsors should work to understand likely concerns in the service area early on so they can be addressed directly.*
  - *Initiating and maintaining an extensive public engagement campaign is critical.*
  - *Early understanding of public support or opposition becomes an important part of the decision-making process.*
- Interutility or interagency agreements:
  - *To implement a successful DPR project, a high degree of interagency coordination is needed. An interagency agreement, such as a memorandum of understanding, will be needed to define elements of the project, including items such as:*
    - Cost sharing.
    - Responsibility for risk and liability.
    - Operational responsibilities.
    - Response to system failure and/or interruption.
    - Meeting regulatory requirements.
  - *Developing consensus between multiple agencies, each with their own governing bodies and stakeholders, can be time consuming. This should be a priority early in the project to avoid creating a roadblock when the project is further along.*
- Regulatory uncertainty:
  - *The lack of precedent for implementation of a TWA project in California may lead to a slow permitting process as DDW navigates this process.*

The example timeline shown on Figure 7.3 assumes the project sponsor is committed to implementing the project and is actively and consistently working to move the project forward. However, it should be well understood that a decision on whether to move forward with design and construction of a full-scale facility would be made after a demonstration facility has been built and supporting data collected.

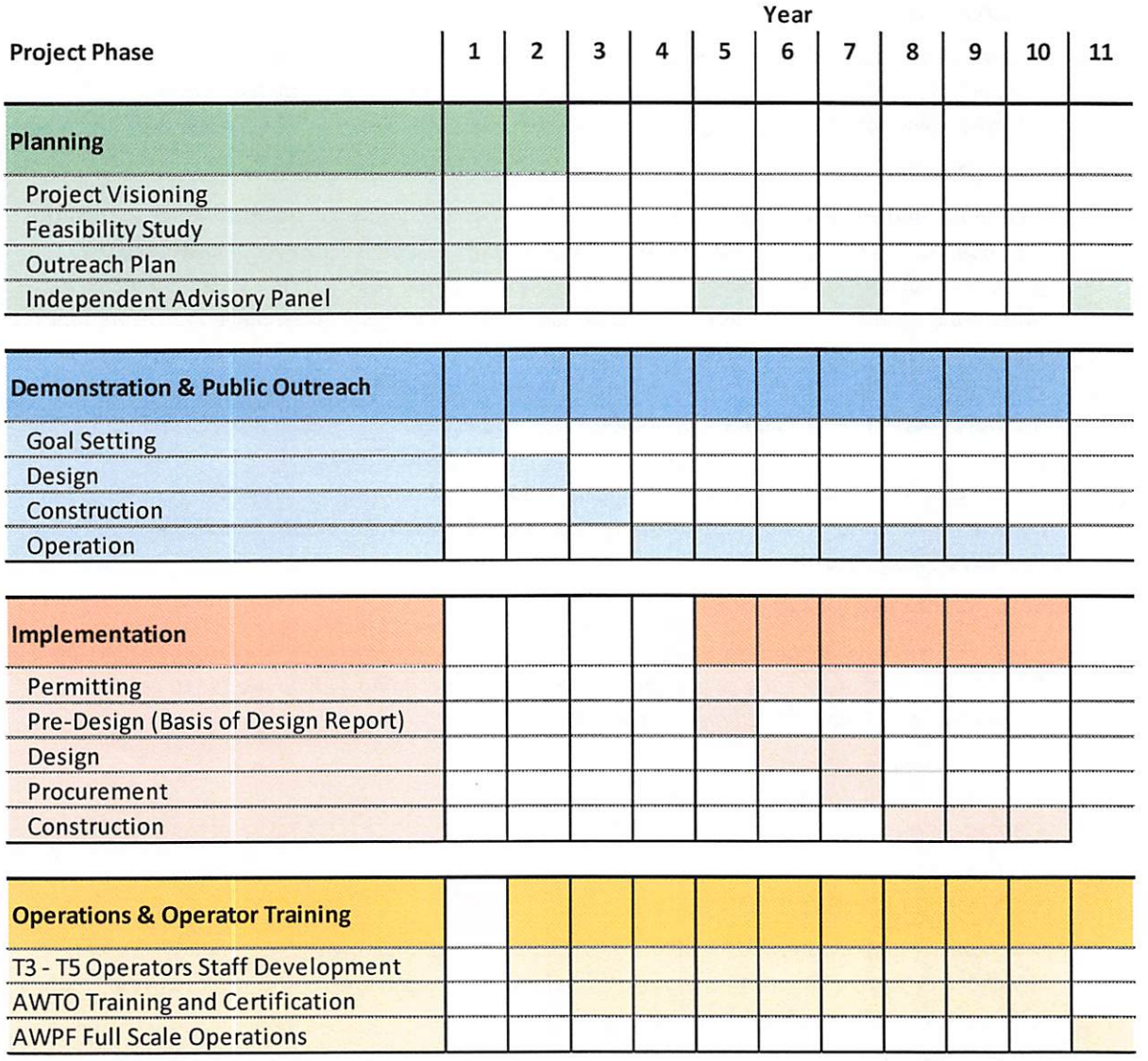


Figure 7.3 Potential DPR Implementation Timeline Based on Four Main Project Phases

7.7.3 Summerland Sanitary District Implementation

The implementation of an SSD water reuse project has two aspects:

1. The CAPP is under design. That design allows for increased flows to be captured and purified. No potable reuse implementation plan is needed from the standpoint of wastewater treatment or purification.
2. The integration of the SSD collection system into the CSD system will require extensive further study to examine and confirm alignments, evaluate permitting challenges, develop preliminary designs, refine costs, and develop the critical interagency agreements. Details of those efforts are beyond the scope of this study.

7.8 Next Steps

The intent of this study was to assess the feasibility for implementing IPR or DPR-related projects at selected utilities within the County. Should any of these studied projects move forward, the following subsections detail some next steps that could be taken to progress a project.

7.8.1 Solvang and Buellton Next Steps

This study focused upon the treatment and infrastructure necessary to implement IPR or DPR projects. There are other elements of a DPR or IPR project that require further evaluation and cost analysis, which could be done as part of next steps should any iteration of the Solvang and Buellton projects move forward towards implementation. These include:

- **SCP:** This element is required. The SCP builds upon existing industrial waste pretreatment programs and is required by DDW for a DPR project.
- **Pilot testing of treatment technology:** This element is optional, but highly beneficial for IPR. It is a requirement for DPR. Pilot testing of the proposed advanced treatment systems can be used to (a) refine design criteria, (b) train operations staff, (c) public engagement, and (d) regulatory permitting.
- **IAP:** An IAP is required by DDW for a DPR project but not for an IPR project. Such an IAP would have experts in various types of engineering and public health and provide valuable independent guidance to a DPR project.
- **CEQA reporting and other required environmental documentation:** Required.
- **Development of an operator training program:** This is required for any IPR or DPR project. DDW will require a robust operations staff with AWT certification for both IPR and DPR projects.
- **Additional groundwater modeling and monitoring:** This is required for any IPR project. Should an IPR project move forward, a cohesive understanding of active drinking water wells within the project area needs to be developed. In addition, further modeling and monitoring needs to be conducted to confirm injection well placement.

In addition to the general items above, some specific items for the Solvang project were identified through discussion with city staff and ongoing permitting work with the RWQCB.

- Optimization of AWPF and EQ basin sizing pending results of permitting negotiations:
  - *As noted throughout the report, Solvang is working with the RWQCB to determine appropriate concentration-based discharge limits for several parameters/constituents. At the time of project definition for this study, it was assumed that all wastewater effluent flow needs to be captured and treated at the AWPF. The result is a large (4.3 MG) EQ basin and oversized AWPF, both of which are very costly.*
  - *If permitting negotiations are successful, and not all effluent needs to be captured, the size of the EQ basin and AWPF could shrink significantly, reducing capital costs as much as 60 percent, with subsequent O&M savings as well.*
  - *Further analysis should be performed to determine optimal AWPF sizing once permit negotiations are completed.*

- Further study on ROC discharge:
  - *Consideration of other ROC options, aside from deep well injection.*
  - *Includes, but is not limited to, a regional brine line for ocean disposal of ROC, or collection of ROC and trucking to a disposal site. It is anticipated that such a regional brine line would be more costly than the deep well injection reviewed in this report.*
  - *Pertaining to deep well injection, exploratory boring and permitting analysis is needed prior to proceeding with design/implementation of potable reuse.*

7.8.2 Summerland Sanitary District Next Steps

As the nature of the SSD project differs from implementing a new AWPF facility, the following were identified as specific next steps to this project.

- Identification of alternative available land to site the EQ basin and other required infrastructure:
  - *The WWTP site may be vulnerable to cliff erosion due to sea-level rise.*
  - *Properties were unable to be identified during this study but should be considered in the future to mitigate climate change risks.*
- Follow-up study on utilizing existing WWTP assets for flow transfer including the following:
  - *Existing tankage (aside from the EQ basin) for flow EQ including the aeration tanks and secondary clarifiers.*
  - *Existing aeration equipment for mixing and potentially odor control.*
  - *Existing pumps.*
  - *Existing emergency generator.*
  - *Existing sampling and monitoring equipment and supervisory control and data acquisition system.*
- Additional flow monitoring and collection system modeling to determine the potential for flow segregation to the CSD collection system:
  - *SSD wastewater on the eastern side of the system may be able to be directed towards the CSD system using the existing SSD Lift Station No. 3.*
  - *Understanding where areas of the SSD flow can be directed towards the CSD system without pumping the water to the existing WWTP site can reduce EQ requirements and potentially save on power costs.*
- O&M cost analysis to understand savings associated with converting the WWTP site into an EQ basin and pump station:
  - *Understand the power reduction at the WWTP.*
  - *Understand the staffing reduction at the WWTP.*
  - *Evaluate impact of reductions related to WWTP and increases related to CSD conversion as they apply to SSD customer rates.*

Summerland Sanitary District

STUDY TITLE:	Santa Barbara Countywide Potable Reuse Evaluation
JOB NO.:	201798
PROJECT:	Summerland Sanitary District
ALTERNATIVE:	0.2 MGD Connection to Carpinteria Sanitary District
DESCRIPTION:	Level 5 Cost Estimate

CAPITAL COST ESTIMATE

Classification	Quantity	Units	Unit Cost	Estimated Cost[1]
New Pipe from SSD WWTP Site to CSD Collection System				
6" Diameter, Developed	21,060	LF	$ 175	$ 3,686,000
6" Diameter, Trenchless Hwy 101 and Railroad Crossing	320	LF	$ 525	$ 168,000
6" Diameter, Trenchless Hwy 101 Crossing	820	LF	$ 525	$ 431,000
6" Diameter, Trenchless Creek Crossings (2 identified)	400	LF	$ 525	$ 210,000
			Subtotal	**$ 4,495,000**
Upsized CSD Piping				
12" Upsized to 14" Piping	194	LF	$ 244	$ 47,000
14" Upsized to 18" Piping	139	LF	$ 285	$ 40,000
15" Upsized to 16" Piping	593	LF	$ 263	$ 156,000
21" Upsized to 24" Piping	159	LF	$ 401	$ 64,000
			Subtotal	**$ 307,000**
Pump Station Cost				
SSD to CSD Connection Point Pump Station	40	hp	$ 21,500	$ 860,000
CSD Pump Station Upgrades	20	hp	$ 25,000	$ 500,000
			Subtotal	**$ 1,360,000**
Pump Station Allowances				
Process Equipment Installation			25%	$ 340,000
Sitework			15%	$ 204,000
			Subtotal	**$ 544,000**
Existing 70,000 Gallon Equalization Basin Rehabilitation				
Concrete Repair	1	LS	$ 160,000	$ 160,000
Basin Coating	1	LS	$ 50,000	$ 50,000
			Subtotal	**$ 210,000**
Odor Control System				
8-ft Diameter Carbon Adsorber	1	LS	$ 180,000	$ 180,000
			Subtotal	**$ 180,000**
Odor Control Allowances				
Process Equipment Installation			25%	$ 45,000
Sitework			15%	$ 27,000
Electrical & I/C			25%	$ 45,000
			Subtotal	**$ 117,000**
Screenings Facility				
Screenings and Conveyor Facility	1	LS	$ 800,000	$ 800,000
			Subtotal	**$ 800,000**
Total Direct Cost				***$ 8,013,000***

Summerland Sanitary District

STUDY TITLE:	Santa Barbara Countywide Potable Reuse Evaluation
JOB NO.:	201798
PROJECT:	Summerland Sanitary District
ALTERNATIVE:	0.2 MGD Connection to Carpinteria Sanitary District
DESCRIPTION:	Level 5 Cost Estimate

CAPITAL COST ESTIMATE

Classification	Quantity	Units	Unit Cost	Estimated Cost[1]
Estimating Contingency	30%		$	2,404,000
Sales Tax (applied to 50% of direct costs)[2]	7.75%		$	311,000
Contractor Overhead & Profit	15%		$	1,563,000
General Conditions	20%		$	2,083,000
TOTAL CONSTRUCTION COST			$	***14,374,000***
Engineering, Legal, and Administrative	12%		$	1,725,000
Owners Reserve for Change Orders	5%		$	719,000
TOTAL PROJECT COST			$	**16,820,000**

Notes

1. Expressed in 2023 dollars.

Summerland Sanitary District

STUDY TITLE:	Santa Barbara Countywide Potable Reuse Evaluation
JOB NO.:	201798
PROJECT:	Summerland Sanitary District
ALTERNATIVE:	~~0.2~~ MGD Connection to Carpinteria Sanitary District 0.47 MGD
DESCRIPTION:	Level 5 Cost Estimate

CAPITAL COST ESTIMATE

Classification	Quantity	Units	Unit Cost	Estimated Cost[1]
New Pipe from SSD WWTP Site to CSD Collection System				
6" Diameter, Developed	15,780	LF	$ 175	$ 2,762,000
6" Diameter, Trenchless Hwy 101 and Railroad Crossing	320	LF	$ 525	$ 168,000
6" Diameter, Trenchless Creek Crossings (2 identified)	400	LF	$ 525	$ 210,000
			Subtotal	**$ 3,140,000**
Upsized CSD Piping				
10" Upsized to 12" Piping	154	LF	$ 226	$ 35,000
14" Upsized to 16" Piping	139	LF	$ 263	$ 37,000
			Subtotal	**$ 72,000**
Pump Station Cost				
SSD to CSD Connection Point Pump Station	5	hp	$ 25,000	$ 125,000
CSD Pump Station Upgrades	15	hp	$ 25,000	$ 375,000
			Subtotal	**$ 500,000**
Pump Station Allowances				
Process Equipment Installation			25%	$ 125,000
Sitework			15%	$ 75,000
			Subtotal	**$ 200,000**
470,000 gal Equalization Basin				
Staging	10	month	$ 50,000	$ 500,000
Utility Relocation	1	LS	$ 500,000	$ 500,000
Shoring	1	LS	$ 2,000,000	$ 2,000,000
Dewatering	10	month	$ 5,000	$ 50,000
Excavation	2,400	CY	$ 50	$ 120,000
Tank Construction	470,000	gal	$ 2.50	$ 1,175,000
			Subtotal	**$ 4,345,000**
Odor Control System				
8-ft Diameter Carbon Adsorber	1	LS	$ 250,000	$ 250,000
			Subtotal	**$ 250,000**
Odor Control Allowances				
Process Equipment Installation			25%	$ 63,000
Sitework			15%	$ 38,000
Electrical & I/C			25%	$ 63,000
			Subtotal	**$ 164,000**
Screenings Facility				
Screenings and Conveyor Facility	1	LS	$ 800,000	$ 800,000
			Subtotal	**$ 800,000**
Total Direct Cost				***$ 9,471,000***

Summerland Sanitary District

STUDY TITLE:	Santa Barbara Countywide Potable Reuse Evaluation
JOB NO.:	201798
PROJECT:	Summerland Sanitary District
ALTERNATIVE:	~~0.2~~ MGD Connection to Carpinteria Sanitary District 0.47 MGD
DESCRIPTION:	Level 5 Cost Estimate

CAPITAL COST ESTIMATE

Classification	Quantity	Units	Unit Cost	Estimated Cost[1]
Estimating Contingency	30%			$ 2,841,000
Sales Tax (applied to 50% of direct costs)[2]	7.75%			$ 367,000
Contractor Overhead & Profit	15%			$ 1,847,000
General Conditions	20%			$ 2,462,000
TOTAL CONSTRUCTION COST				***$ 16,988,000***
Engineering, Legal, and Administrative	12%			$ 2,039,000
Owners Reserve for Change Orders	5%			$ 849,000
TOTAL PROJECT COST				**$ 19,880,000**

Notes

1. Expressed in 2023 dollars.

Summerland Sanitary District

STUDY TITLE:	Santa Barbara Countywide Potable Reuse Evaluation
JOB NO.:	201798
PROJECT:	~~Solvang~~
ALTERNATIVE:	IPR and DPR Infrastructure O&M Costs
DESCRIPTION:	Level 5 Cost Estimate

O&M Item	Quantity		Unit	Unit Cost	Annual Cost[1]	
	0.2 mgd Flow	0.47 mgd Flow			0.2 mgd Flow	0.47 mgd Flow
Power						
SSD to CSD Connection Point PS	32,675	261,398	KW-hr/year	$0.35	$12,000	$92,000
CSD PS Upgrades	98,024	130,699	KW-hr/year	$0.35	$35,000	$46,000
Odor Control System	65,350	32,675	KW-hr/year	$0.35	$23,000	$12,000
Screenings and Conveyor Facility	6,535	6,535	KW-hr/year	$0.35	$3,000	$3,000
Annual Maintenance	**See footnote (2)**				$99,000	$84,000
Odor Control Media Replacement	**See footnote (3)**				$5,000	$1,000
	TOTAL ESTIMATED ANNUAL O&M COSTS				**$177,000**	**$238,000**

(1) Expressed in 2023 dollars.

(2) Annual maintenance estimated as 0.5% of total capital costs.

(3) Odor control media assumed to be the high capacity, Jacobi OX30, 4mm diameter. Media replacment required approximately every 3.5 years.

IX B/1

LAFCO

Santa Barbara Local Agency Formation Commission
105 East Anapamu Street ◆ Santa Barbara CA 93101
805/568-3391 ◆ FAX 805/568-2249
www.sblafco.org ◆ lafco@sblafco.org

November 1, 2023

TO: Members of the Independent Special District Selection Committee

SUBJECT: Nominations for one Regular and one Alternate Special District Member to Santa Barbara LAFCO;

CALL FOR NOMINATIONS FOR AND NOTICE OF ELECTION FOR LAFCO

REGULAR AND ALTERNATE SPECIAL DISTRICT MEMBERS

This is a Call for Nominations of one Regular and one Alternate Special District Member to serve as the special district members on LAFCO. It is recommended that this be placed on your Board's Agenda. The Committee is made up of the presiding officer of each district; however, if a presiding officer is unable to participate, a district board may appoint one of its members as an alternate to participate in the presiding officer's place, a copy of the meeting minutes showing the appointment needs to be presented along with your nomination form.

A Nomination Form is attached and must be filled out and signed by the presiding officer of a district or, if that person is unable to participate, then by his or her alternate as designated by the district board. (See GC § 56332.) Nominations are requested by no later than January 4, 2024.

1. **Nominations for the one LAFCO Regular and one Alternate Special District Member.** The current term of office of the current Regular Special District Member and the Alternate Special District Member ends on March 1, 2024. The term of office shall be four years or until the appointment and qualification of his or her successor. The new term of office ends on March 1, 2028.

2. **Voting Requirements.** The Independent Special District Selection Committee consist of the presiding officer of the legislative body of each independent special district. If the presiding officer of an independent special district is unable to participate in the nomination process or an election, the legislative body of the district may appoint one of its members as an alternate to participate in the presiding officer's

place. A copy of the meeting minutes showing the appointment needs to be presented along with your nomination form and future ballot.

3. **Nomination Period and Voting Period.** The Nomination Period will end on January 4, 2024. Following the nomination period, unless there is only one nominee for a seat, ballots containing the names of quailified nominees will be mailed to each eligible special district. The voting period will be up to 45-days.

4. **Quorum; Majority Vote; Possible Runoff Election.** There are 39 special districts. For the election to be valid, at least 20 valid votes must be received. Election shall be by a majority of those voting, and not by plurality. In the event that a nominee does not receive a majority of votes cast, a runoff election shall be held between the two nominees receiving the highest number of votes.

Notice: There will be no election if pursuant to Government Code section 56332(c)(2), "[at] the end of the nomination period, if only one candidate is nominated for a vacant seat, that candidate shall be deemed appointed" to the Commission.

Nominations for one Regular Special District Member and one Alternate Special District Member should be submitted to the LAFCO Executive Officer, at the following address, faxed, or emailed by **January 4, 2024** Nomination Forms are attached to this notice.

Santa Barbara Local Agency Formation Commission
105 East Anapamu Street, Santa Barbara CA 93101
FAX 805/568-2249
Email Address: lafco@sblafco.org

Please contact the LAFCO office if you have any questions.

Sincerely,

MRP

Mike Prater
Executive Officer

Enc.

B/2

SANTA BARBARA
LOCAL AGENCY FORMATION COMMISSION

NOMINATION FOR <u>REGULAR</u> SPECIAL DISTRICT MEMBER *Return to*: Executive Officer Santa Barbara LAFCO 105 East Anapamu Street, Room 407 Santa Barbara CA 93101 or FAX to (805) 568-2249 or email to lafco@sblafco.org	LAFCO STAFF USE Date Received: _____

Please print in ink or type

POSITION SOUGHT: Regular Special District Member

NAME OF NOMINEE: _____

NOMINEE'S DISTRICT: _____

MAILING ADDRESS:

_____

_____

π

Phone: Bus. _____. Cell: _____

SIGNATURE OF NOMINATOR:

_____
Name of Independent Special District

_____
Signature

_____.
Print Name

Nominator Title (please check one)

☐ Presiding Officer of the Special District Board

☐ Presiding Officer's alternate as designated by Special District Board to vote or make a nomination in this election. (Gov. Code sec. 56332.)

Date: _____

Financial Status (Real-Time)

As of October 31, 2023

As of: 10/31/2023 (33% Elapsed)
Accounting Period: OPEN

Selection Criteria: Fund = 5215,5216, 5217

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 5215 -- SummerInd San Dist Running Exp

Line Item Account	6/30/2024 Fiscal Year Adjusted Budget	10/31/2023 Year-To-Date Actual	6/30/2024 Fiscal Year Variance	6/30/2024 Fiscal Year Pct of Budget
Revenues				
Taxes				
3010 -- Property Tax-Current Secured	303,380.00	-160.03	-303,540.03	-0.05 %
3011 -- Property Tax-Unitary	0.00	2.11	2.11	--
3015 -- PT PY Corr/Escapes Secured	0.00	338.95	338.95	--
3020 -- Property Tax-Current Unsecd	10,700.00	12,279.63	1,579.63	114.76 %
3023 -- PT PY Corr/Escapes Unsecured	0.00	301.60	301.60	--
3040 -- Property Tax-Prior Secured	0.00	-53.39	-53.39	--
3050 -- Property Tax-Prior Unsecured	0.00	291.63	291.63	--
3054 -- Supplemental Pty Tax-Current	4,000.00	1,749.39	-2,250.61	43.73 %
3056 -- Supplemental Pty Tax-Prior	0.00	48.55	48.55	--
Taxes	318,080.00	14,798.44	-303,281.56	4.65 %
Fines, Forfeitures, and Penalties				
3057 -- PT-506 Int, 480 CIOS/CIC Pen	0.00	21.73	21.73	--
Fines, Forfeitures, and Penalties	0.00	21.73	21.73	--
Use of Money and Property				
3380 -- Interest Income	6,000.00	3,265.33	-2,734.67	54.42 %
Use of Money and Property	6,000.00	3,265.33	-2,734.67	54.42 %
Intergovernmental Revenue-State				
4220 -- Homeowners Property Tax Relief	1,000.00	0.00	-1,000.00	0.00 %
Intergovernmental Revenue-State	1,000.00	0.00	-1,000.00	0.00 %
Charges for Services				
5091 -- Planning & Engnrg-Plan Ck Fes	2,100.00	1,256.00	-844.00	59.81 %
5430 -- Sanitation Services	1,065,078.00	-13.00	-1,065,091.00	0.00 %
5433 -- Inspection Fees	2,500.00	1,258.00	-1,242.00	50.32 %
5746 -- Administrative Revenue	3,700.00	1,856.00	-1,844.00	50.16 %

Financial Status (Real-Time)

As of: 10/31/2023 (33% Elapsed)
Accounting Period: OPEN

Selection Criteria: Fund = 5215,5216, 5217

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 5215 -- SummerInd San Dist Running Exp

Line Item Account	6/30/2024 Fiscal Year Adjusted Budget	10/31/2023 Year-To-Date Actual	6/30/2024 Fiscal Year Variance	6/30/2024 Fiscal Year Pct of Budget
Charges for Services	1,073,378.00	4,357.00	-1,069,021.00	0.41 %
Revenues	1,398,458.00	22,442.50	-1,376,015.50	1.60 %
Expenditures				
Salaries and Employee Benefits				
6100 -- Regular Salaries	429,879.00	140,792.43	289,086.57	32.75 %
6270 -- Stand-by Pay	21,642.00	7,324.17	14,317.83	33.84 %
6300 -- Overtime	9,500.00	1,381.98	8,118.02	14.55 %
6400 -- Retirement Contribution	125,069.00	42,668.85	82,400.15	34.12 %
6475 -- Retiree Medical OPEB	9,000.00	2,455.52	6,544.48	27.28 %
6500 -- FICA Contribution	34,541.00	11,560.76	22,980.24	33.47 %
6600 -- Health Insurance Contrib	64,365.00	26,202.70	38,162.30	40.71 %
6900 -- Workers Compensation	16,473.00	12,613.56	3,859.44	76.57 %
Salaries and Employee Benefits	710,469.00	244,999.97	465,469.03	34.48 %
Services and Supplies				
7030 -- Clothing and Personal	2,550.00	3,139.69	-589.69	123.13 %
7053 -- Telephone Service Local	9,560.00	3,031.06	6,528.94	31.71 %
7090 -- Insurance	60,000.00	62,913.49	-2,913.49	104.86 %
7110 -- Directors Fees	22,050.00	3,850.00	18,200.00	17.46 %
7121 -- Operating Supplies	41,544.00	17,848.80	23,695.20	42.96 %
7324 -- Audit and Accounting Fees	27,500.00	7,067.50	20,432.50	25.70 %
7362 -- Building Maintenance	10,700.00	1,267.35	9,432.65	11.84 %
7363 -- Equipment Maintenance	16,275.00	5,475.36	10,799.64	33.64 %
7404 -- Public Health Lab Serv	26,091.00	8,513.00	17,578.00	32.63 %
7430 -- Memberships	8,801.00	1,457.00	7,344.00	16.55 %
7450 -- Office Expense	4,400.00	2,483.24	1,916.76	56.44 %
7454 -- Books & Subscriptions	550.00	96.96	453.04	17.63 %
7459 -- IT Professional Services	4,000.00	1,274.96	2,725.04	31.87 %

Financial Status (Real-Time)

As of: 10/31/2023 (33% Elapsed)
Accounting Period: OPEN

Selection Criteria: Fund = 5215,5216, 5217

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 5215 -- SummerInd San Dist Running Exp

Line Item Account	6/30/2024 Fiscal Year Adjusted Budget	10/31/2023 Year-To-Date Actual	6/30/2024 Fiscal Year Variance	6/30/2024 Fiscal Year Pct of Budget
7460 -- Professional & Special Service	49,350.00	2,145.00	47,205.00	4.35 %
7508 -- Legal Fees	35,000.00	6,271.80	28,728.20	17.92 %
7510 -- Contractual Services	9,654.00	441.33	9,212.67	4.57 %
7516 -- Permitting Services	11,385.00	274.06	11,110.94	2.41 %
7530 -- Publications & Legal Notices	600.00	232.50	367.50	38.75 %
7546 -- Administrative Expense	3,600.00	0.00	3,600.00	0.00 %
7630 -- Small Tools & Instruments	500.00	0.00	500.00	0.00 %
7653 -- Training Fees & Supplies	6,225.00	549.05	5,675.95	8.82 %
7671 -- Special Projects	6,670.00	6,670.00	0.00	100.00 %
7730 -- Transportation and Travel	750.00	81.74	668.26	10.90 %
7731 -- Gasoline-Oil-Fuel	3,500.00	703.15	2,796.85	20.09 %
7761 -- Electricity	58,000.00	24,400.00	33,600.00	42.07 %
7763 -- Water	2,717.00	765.82	1,951.18	28.19 %
7764 -- Refuse	4,302.00	1,435.92	2,866.08	33.38 %
Services and Supplies	426,274.00	162,388.78	263,885.22	38.09 %
Expenditures	1,136,743.00	407,388.75	729,354.25	35.84 %
SummerInd San Dist Running Exp	261,715.00	-384,946.25	-646,661.25	-147.09 %

Financial Status (Real-Time)

As of: 10/31/2023 (33% Elapsed)
Accounting Period: OPEN

Selection Criteria: Fund = 5215,5216, 5217

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 5216 -- Summerland San Cap Facilities

Line Item Account	6/30/2024 Fiscal Year Adjusted Budget	10/31/2023 Year-To-Date Actual	6/30/2024 Fiscal Year Variance	6/30/2024 Fiscal Year Pct of Budget
Revenues				
Use of Money and Property				
3380 -- Interest Income	2,250.00	1,214.50	-1,035.50	53.98 %
Use of Money and Property	2,250.00	1,214.50	-1,035.50	53.98 %
Charges for Services				
5432 -- Connection Fees	12,385.00	12,385.00	0.00	100.00 %
Charges for Services	12,385.00	12,385.00	0.00	100.00 %
Revenues	14,635.00	13,599.50	-1,035.50	92.92 %
Summerland San Cap Facilities	14,635.00	13,599.50	-1,035.50	92.92 %

Financial Status (Real-Time)

As of: 10/31/2023 (33% Elapsed)
Accounting Period: OPEN

Selection Criteria: Fund = 5215,5216, 5217

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 5217 -- SummerInd San Dist-Capital Rep

Line Item Account	6/30/2024 Fiscal Year Adjusted Budget	10/31/2023 Year-To-Date Actual	6/30/2024 Fiscal Year Variance	6/30/2024 Fiscal Year Pct of Budget
Revenues				
Use of Money and Property				
3380 -- Interest Income	10,000.00	7,816.65	-2,183.35	78.17 %
Use of Money and Property	10,000.00	7,816.65	-2,183.35	78.17 %
Revenues	10,000.00	7,816.65	-2,183.35	78.17 %
Expenditures				
Services and Supplies				
7362 -- Building Maintenance	0.00	2,587.08	-2,587.08	--
7671 -- Special Projects	58,915.00	0.00	58,915.00	0.00 %
Services and Supplies	58,915.00	2,587.08	56,327.92	4.39 %
Capital Assets				
8200 -- Structures&Struct Improvements	15,000.00	0.00	15,000.00	0.00 %
8300 -- Equipment	20,000.00	4,472.21	15,527.79	22.36 %
8400 -- Infrastructure	45,000.00	0.00	45,000.00	0.00 %
Capital Assets	80,000.00	4,472.21	75,527.79	5.59 %
Expenditures	138,915.00	7,059.29	131,855.71	5.08 %
SummerInd San Dist-Capital Rep	-128,915.00	757.36	129,672.36	-0.59 %
Net Financial Impact	147,435.00	-370,589.39	-518,024.39	-251.36 %

Cash Balances (Real-Time)

As of October 31, 2023

As of: 10/31/2023
Accounting Period: OPEN

Selection Criteria: Fund = 5215,5216, 5217

Layout Options: Summarized By = Fund; Page Break At = Fund

Fund	10/1/2023 Beginning Balance	Month-To-Date Cash Receipts (+)	Month-To-Date Treasury Credits (+)	Month-To-Date Warrants and Wire Transfers (-)	Month-To-Date Treasury Debits (-)	10/31/2023 Ending Balance
5215 -- SummerInd San Dist Running Exp	458,805.05	3,030.23	17,419.59	0.00	66,622.86	412,632.01
5216 -- Summerland San Cap Facilities	228,722.79	0.00	1,214.50	0.00	0.00	229,937.29
5217 -- SummerInd San Dist-Capital Rep	1,412,839.43	0.00	7,816.65	0.00	4,472.21	1,416,183.87
Total Report	2,100,367.27	3,030.23	26,450.74	0.00	71,095.07	2,058,753.17

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SUMMERLAND SANITARY DISTRICT

Regular Board of Directors Meeting November 16, 2023

Operations Manager Report

OPERATIONS AND FACILITY MAINTENANCE:

- Staff completed weekly ground maintenance and landscape work including mowing, weed whacking, blowing, edging, and raking.
- Staff checked and recalibrated the chlorine analyzer probes.
- Beltpress was operated on 8/15 and 9/7/2023 dewatering each Digester for biosolids removal.
- Received the Final Draft of the Santa Barbara County Water Reuse Study from Carollo Engineering. This report included cost estimates for SSD connection to CSD system.
- Instrumentation technician serviced the chlorine analyzer probe for effluent de-chlorination control on 11/8/2023. Parts are on order for upgrades to the chlorination system equipment to improved efficiency and reliability.
- Instrumentation Technician is preparing a scope of work, material list, and estimate for the blower optimization project.
- Belt Press was operated on 10/19 and 11/9/2023.
- Digester #2 mixing pump impeller assembly was replaced. The assembly that was removed will be refurbished for future use.
- The Chlorine Contact Chamber and Disinfection Channel were emptied, cleaned, and disinfected. Effluent Dechlorination Tank was also emptied and cleaned.

COLLECTION SYSTEM / LIFT STATIONS:

- Staff made periodic rounds of the collection system to check for any problems, primarily checking the hot spot manholes to ensure proper flow. Each lift station was checked daily.
- SCE scheduled two days of planed power outages, on 11/7 and 11/8/2023 on Lambert Road. Lift station #3 ran on emergency generator power for the duration of each outage.
- Scheduled line jetting was performed, including known on potential hot spots. October total line cleaning was 1,768 ft.

REGULATORY COMPLIANCE:

- Daily meter readings and sample collection being performed by staff for regulatory compliance and process control.
- Submitted BAR report for the district service truck and CCTV van on 10/17/2023.
- PM (new batteries and filters) parts ordered for the Lift Station Emergency Generators.
- The monthly Self-Monitoring Report (SMR) for September 2023 was submitted to the California Regional Water Quality Control Board (CRWQCB) in CIWQS, with no permit violations. The monthly "No Spill Certification" was also submitted to CIWQS.
- The annual Hazmat Report was submitted in CERS.
- Attended the monthly SAMA meeting held at the El Estero Water Rescores Center.
- The quarterly Facility Safety Inspection was completed. Safety talk on Fire Extinguisher Safety and use.

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SUMMERLAND SANITARY DISTRICT

Regular Board of Directors Meeting November 16, 2023
District Administrative Manager Report

Property Reclassification

An onsite inspection was completed for 2436 Banner Avenue. Property was reclassified from three EDUs to 2 EDUs. A refund check for Sewer Service Charges for December 2023 through June 2024 was issued.

Administration (tasks completed outside the regular scope of work)

- Attended several trainings modules and exercises in preparation of the new County of Santa Barbara's Workday Financial Information System. The financial system will go live on December 1, 2023.
- The District received a SDRMA's President's Special Acknowledgement Award for no "paid" property/liability claims during the prior five consecutive program years.
- The District received a letter dated October 12, 2023, from the County Auditor Controller for the allocation of property taxes FY2023-24. The property tax allocation estimate is $355,316. This is an increase of 16% over the last fiscal year, due to new construction, sales, transfer of ownership.
- Reached out to Rob Morrow from WSC about grant funding opportunities. An email with his response is on file.

Scheduled Days Off:

Friday December 1, 2023