



**CASTROVILLE  
COMMUNITY  
SERVICES DISTRICT**

P.O. BOX 1065  
OFFICE: 11499 GEIL STREET  
CASTROVILLE, CA 95012  
FAX (831) 633-3103

24-HOUR TELEPHONE: (831) 633-2560

President – James R. Cochran  
Vice President – Glenn Oania  
Director – Cosme Padilla  
Director – Ron Stefani  
Director – Adriana Melgoza

General Manager – Eric Tynan  
Board Secretary – Lidia Santos

Website: [CastrovilleCSD.org](http://CastrovilleCSD.org)

**AGENDA  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
TUESDAY, JULY 19, 2022 – 4:30 P.M.  
DISTRICT BOARD ROOM – 11499 GEIL STREET**

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*In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Board meeting, please contact Lidia Santos, Board Secretary during regular business hours at (831) 633-2560. Notification received 48 hours before the meeting will enable the District to make reasonable accommodations.*

**CALL MEETING TO ORDER**

**ROLL CALL**

**PLEDGE OF ALLEGIANCE**

**ADDITIONS OR CORRECTIONS TO THE AGENDA**

**PUBLIC COMMENTS** – (Limited to three minutes per speaker within the jurisdiction of items not on the agenda. Public will have the opportunity to ask questions or make statements as the Board addresses each agenda item.)

**CONSENT CALENDAR:**

1. Approve the Draft Minutes of the Regular Board Meeting, June 21, 2022 – **motion item**

**CORRESPONDENCE:**

1. Via electronic mail to the Salinas Valley Basin Groundwater Sustainability Agency Board of Directors from the Salinas Basin Water Alliance regarding June 9, 2022 Board of Directors meeting-second comment letter-Agenda Item No. 7.d; Consider Adopting a Resolution in Response to Governor' Order N-7-22 regarding continuing drought conditions and establishing a well permitting response to a well permitting agency.

## AGENDA, Page 2

July 19, 2022

### CASTROVILLE COMMUNITY SERVICES DISTRICT

2. Letter to the Salinas Valley Basin Groundwater Sustainability Agency General Manager Meyers regarding AB 2201-Oppose from Farm Bureau Monterey; Salinas Basin Water Alliance, Grower-Shipper Association; Monterey Wine Country, Sustainable AG & Energy and Salinas Valley Water Coalition.

#### INFORMATIONAL ITEMS:

1. California State Water Resources Control Board – New Drought Requirements for Small Water Suppliers
2. *Mavensnotebook.com* – SGMA implementation update with the deadline looming for the GSPs deemed incomplete, the State Water Board prepares for possible intervention
3. *Mavensnotebook.com* – Groundwater 101, the basics

#### PRESENTATION:

1. None

#### NEW BUSINESS:

1. Resolution No. 22-10 Resolution of the Board of Directors of the Castroville Community Services District Continuing Board of Directors Authority to Hold Virtual Meetings Pursuant to AB 361– **motion item**
2. Consider approving proposal from MNS Engineers for Proposal for Professional Engineering Services-Castroville Sign Replacement-Construction Management and Inspection (not to exceed \$25,210) – **motion item**
3. Consider approving proposal from MNS Engineers for Proposal for Professional Engineering and Construction Management Services-Washington Sewer Trunk Line Bypass Final Design and Construction (not to exceed \$498,141) contingent on award of grant to CCSD – **motion item**
4. ACWA JPIA Property Program adopted a 20% increased in the Property Program rates effective for policy year July 1, 2022 through June 30, 2023 – Eric Tynan, General Manager

#### UNFINISHED BUSINESS:

1. Update on Well levels – Eric Tynan, General Manager
2. Update on Asset Management and Maintenance Project (Castroville North Water Service Project) – Eric Tynan, General Manager
3. Update on status of grants/projects for Moss Landing-Sewer Zone 3 (Professional Engineering Services for **Moss Landing Wastewater System Rehabilitation Project**) land acquisition for Lift Station 1, Castroville-Sewer Zone 1 (**Washington Sewer Trunk Line Bypass**), Castroville-Water Zone 1 (**Emergency Deep Aquifer Supply and Storage Tank Project, Well No. 6**) for system upgrades and improvements and **Castroville Overhead Sign at Highway 183** – Eric Tynan, General Manager
4. Update on Monterey One Water lateral repair consideration for Cypress Alley – Eric Tynan, General Manager

**BOARD OF DIRECTORS COMMUNICATION:** When needed, this time is reserved for the Board of Directors to communicate activity, educational classes, and/or Committee reports.

1. Update on Monterey One Water board meeting – Ron Stefani, Director and Eric Tynan, General Manager
2. Update on the Salinas Valley Basin Groundwater Sustainability Agency – Ron Stefani, Director
3. Update on other meetings/educational classes attended by Castroville CSD Directors

July 19, 2022

CASTROVILLE COMMUNITY SERVICES DISTRICT

**GENERAL OPERATIONS:**

1. **General Manager's Report** – Compliance Update, Current Projects Update, Seminars Update, Staff Update, Suggestive Projects Discussions
2. **Operation's Report**
  - a) Water – Pumpage & Usage Update, Water Testing Update, Current Installation
  - b) Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
  - c) Sewer & Storm Drain – Jetting, Current Installation Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
3. **Customer/Billing Reports** – A/R Update, Water Sales, Water Usage
4. **Financial Reports** – Treasures Report-L.A.I.F., Quarterly Financial Statements\*\*Internal Report\*\* and Administration Update

**CHECK REGISTER** – Receive and file the Check Register for the month of June 2022 – **motion item**

**ITEMS FOR NEXT MONTHS AGENDA: Tuesday, August 16, 2022 at 4:30 p.m.**

**CLOSE:**

Adjournment to the next regular scheduled Board Meeting – **motion item**

All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 11499 Geil Street, Castroville, California.

**Certification of Posting**

I certify that on July 15, 2022, I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of the Castroville Community Services District, said time being at least 72 hours in advance of the meeting of the Board of Directors (Government Code Section 54954.2).

Executed at Castroville, California, on July 15, 2022.



Lidia Santos, Board Secretary

THE OFFICIAL MINUTES OF THE REGULAR BOARD MEETING OF  
CASTROVILLE COMMUNITY SERVICES DISTRICT  
June 21, 2022

President James Cochran called the meeting to order at 4:30 p.m.

**ROLL CALL:**

**Directors Present:** President James Cochran, Director Cosme Padilla, and Director Ron Stefani

**Absent:** Vice President Glenn Oania and Director Adriana Melgoza

**General Manager:** Eric Tynan

**Secretary to the Board:** Lidia Santos

**Staff Present:**

**Guest:** Mike McCullough Director of External Affairs

**PLEDGE OF ALLEGIANCE**

The pledge of allegiance was led by President James Cochran.

DRAFT

**PUBLIC COMMENTS**

1. None

**CONSENT CALENDAR**

1. A motion was made by Cosme Padilla and seconded by Ron Stefani to approve the minutes of the Budget & Personnel Committee Meeting, May 11, 2022. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

2. A motion was made by Cosme Padilla and seconded by Ron Stefani to approve the minutes of the May 24, 2022 Regularly Scheduled Board Meeting. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

*Consent Calendar accepted as presented*

**CORRESPONDENCE:**

1. None

*Correspondence Calendar accepted as presented*

**INFORMATIONAL ITEMS:**

1. *The Carmel Pine Cone* – Private is the answer
2. *The Carmel Pine Cone* – Supes favor private desal projects

*Informational items accepted as presented*

**PRESENTATIONS:**

1. None

**NEW BUSINESS:**

1. Resolution No. 22-08 Resolution of the Board of Directors of the Castroville Community Services District Continuing Board of Directors Authority to Hold Virtual Meetings Pursuant to AB 361– After some discussion, a motion is made by Ron Stefani and seconded by Cosme Padilla to approve Resolution No. 22-08 Resolution of the Board of Directors of the Castroville Community Services District Continuing Board of Directors Authority to Hold Virtual Meetings Pursuant to AB 361. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

2. Consider approving letter from District Legal Counsel, Noland Hamerly Etienne & Hoss Attorneys at Law with Waiver of Conflict of Interest and Consent to Represent City of Marina – The Board received the letter which can be viewed on pages 19-23 of this board packet. After some discussion, a motion is made by Cosme Padilla and seconded by Ron Stefani to approve the Waiver of Conflict of Interest and Consent to Represent City of Marina request from District Legal Counsel, Noland Hamerly Etienne & Hoss Attorneys at Law. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

3. Consider Mutual Assistance Agreement by and between the Marina Coast Water District and Castroville Community Services District – General Manager Eric Tynan reported to the Board that it would be beneficial to consider this agreement (can be viewed on pages 24-27 of this board packet) with Marina as it only benefits both districts if they ever need mutual assistance. After some discussion, a motion is made by Cosme Padilla and seconded by Ron Stefani to approve the Mutual Assistance Agreement by and between the Marina Coast Water District and Castroville Community Services District. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

4. Approve Draft of Cooperative Agreement. Purpose of this Agreement, funding provided by the Clean California Beautification Program will be used to construct the Castroville Historic Main Street Landmark Restoration Beautification Project (Castroville Overhead Sign) – General Manager Eric Tynan let the Board know that a draft copy of the Cooperative Agreement has been included with their board packet for their review. Also, the Cooperative Agreement can be viewed as an attachment on the CCSD web page under agenda for June 21, 2022.) Per General Manager Eric Tynan once this agreement is approved by all parties involved, Castroville CSD should receive the funds in three weeks. However, he wanted to make the Board aware he still needs clarification on the insurance requirements and will resolve before moving forward with submitting the contracts to Caltrans. A motion is made by Ron Stefani and seconded by Cosme Padilla to approve Draft of Cooperative Agreement. Purpose of this Agreement, funding provided by the Clean California Beautification Program will be used to construct the Castroville Historic Main Street Landmark Restoration

Minutes of the Castroville Community Services District  
June 21, 2022 Regular Board Meeting  
Page 3

Beautification Project (Castroville Overhead Sign). The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

5. Approve Draft copy of Landmark Sign Maintenance Agreement (Castroville Overhead Sign) between the State of California and Castroville Community Services District – Per General Manager Eric Tynan he would like to have this agreement executed today although the insurance requirements for the draft copy of the Landmark Sign Maintenance Agreement still need further clarification. He still needs to following up with CCSD's insurance provider to confirm per page 5, section 10 of Landmark Sign Maintenance Agreement. Insurance- CCSD and its contractors shall maintain in force during the term of this agreement, a policy of general liability insurance, including coverage of bodily injury liability and property damage liability, naming the STATE, its officers, agents and employees as the additional insured in an amount of \$1 million per occurrence and \$2 million in aggregate and \$5 million in excess. Coverage shall be evidenced by a certificate of insurance in a form satisfactory to the STATE that shall be delivered to the STATE with a signed copy of this agreement. After some discussion, a motion is made by Cosme Padilla and seconded by Ron Stefani to approve Draft copy of Landmark Sign Maintenance Agreement (Castroville Overhead Sign) between the State of California and Castroville Community Services District pending clarification on the insurance requirements. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

6. Consider approving proposal from MNS Engineers for Proposal for Professional Services- Washington Sewer Trunk Line Bypass Project, Environmental Review and Permitting; not to exceed \$146,239 – General Manager Eric Tynan recommended the Board consider approving the proposal from MNS Engineers for this project as it is anticipated that any funds spent by CCSD for this project will be reimbursable under the grant if awarded to the District. The proposal can be viewed on pages 28-43 of this board packet. This project is necessary for MNS to apply for the grant on behalf of CCSD. A motion is made by Ron Stefani and seconded by Cosme Padilla to approve the proposal from MNS Engineers for Professional Services-Washington Sewer Trunk Line Bypass Project, Environmental Review and Permitting; not to exceed \$146,239. The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

7. Notice of Intention to Award Contract, Castroville North Water Services Project to Johnson & Company, Inc. – General Manager Eric Tynan informed the Board that the Castroville North Water Services Project was put out to bid. Three contractors responded, which can be viewed on page 44-47. Johnson & Company, Inc. was the lowest bidder, \$117,750 and bid was determined to be responsible and responsive per the bidding requirements and therefore recommends the Board award the contract to Johnson & Company, Inc. Originally he was planning to work with the County's contractor but their fees were excessive for this project. By using this contractor the District has saved a lot of money. A motion is made by Ron Stefani and seconded by Cosme Padilla to award the contract for the Castroville North Water Services Project to Johnson & Company, Inc., not to exceed \$117,750. The motion carried by the following roll call votes:

Minutes of the Castroville Community Services District  
June 21, 2022 Regular Board Meeting  
Page 4

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

8. The Board will take action to designate Eric Tynan, General Manager as labor negotiator for all employees for the District for purpose of (Gov. Code Sec. 54957.6 ) – General Manager Eric Tynan let the Board know as a formality this is required in order to represent the employees. A motion is made by Ron Stefani and seconded by Cosme Padilla for the Board to take actions to designate Eric Tynan, General Manager as labor negotiator for all employees for the District for purpose of (Gov. Code Sec. 54957.6 ). The motion carried by the following roll call votes:

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania and Melgoza

**UNFINISHED BUSINESS:**

1. Update on Well levels – General Manager Eric Tynan reported to the Board that the well levels report can be viewed on page 48. Per the graph, Well #4 has a steep drop. August 2015 was the last significant drought and well levels are the lowest they have ever been to date below sea level. Well levels were double checked with bubblers. CCSD needs to get moving with a new well or preferably a desal project.
2. Update on Asset Management and Maintenance Projects – General Manger Eric Tynan reported to the Board that the action plan prepared by MNS Engineers for these projects can be viewed on pages 49-50 of this board packet. The Castroville North Water Services Project was awarded to Johnson & Company, Inc, which is for 28 laterals. The three other projects will be Well #4 Pump Conversion, Water Gate Valve Replacement, and Sewer Lift Station Generator Replacements. MNS Engineers will assist as needed with these projects.
3. Update on status of grants for Moss Landing-Sewer Zone 3, Castroville-Sewer Zone 1 and Castroville-Water Zone 1 for system upgrades and improvements – General Manager Eric Tynan reported to the Board that a summary of the action plans/description as of the June 13, 2022 meeting can be viewed as follows: **Moss Landing Sewer (pages 51-53)**. MNS is to work with Rincon, which is the subconsultant working on including requirement to environmental document and MNS to prepare 30% design by end of June 2022 and the 60% Design by end of September 2022. MNS will also prepare construction application following the 60% completion. **The Washington Bypass (pages 54-55)**. The State has requested the full application for \$3.5 million projects by mid-July. CCSD just approved the environmental proposal from MNS Engineers for this project. As mentioned previously, since the potholing has been completed as well as 60% of the plans, the District has received all the grant funds of \$61,807 from DWR. The District has applied for a grant for finishing the design and construction, California Housing Community Development, Infill Infrastructure Grant and still waiting to hear on the status of this grant. This grant requires being co-applicant with the Developer. Max grant amount \$8M and applicant would be the County or Developer as Co-applicants. At least 15% must be affordable housing. Acquiring this grant funding will take four to five months and another year or so for construction before the pipeline could be put in place. In addition, State Water Resources Control Board, SRF set aside for small disadvantaged communities. The Small Community Clean Water Waste Water Funding Program. MNS is preparing the application as the State has requested the full application for \$3.5 million. **Emergency Deep Aquifer Supply and Storage Tank (pages 56-59)**. As previously mentioned, the District still needs to finalize the purchase of the land that is being acquired from adjacent property owner, which should happen soon since a copy of the grant deed has been obtained from the Monterey County Clerk

Minutes of the Castroville Community Services District  
June 21, 2022 Regular Board Meeting  
Page 5

Recorder's Office and a copy provided to the adjacent property owner. The 30% design has been completed as of May 2022. MNS to check back with DWR on the grant and MNS to prepare a Future Grant Application if SCDR is a "no go". Also, potential future activity of a Federal Earmark. District to consider this action after August as potential Plan C. MNS also submitted a grant application on behalf of CCSD for the SCDR grant. However, this grant is first come first serve and there are 55 applicants ahead of CCSD. Still, partial funding is a possibility. **The Overhead Sign at Highway 183 (pages 60-61)**. Per General Manager Eric Tynan, he is still working on getting a new Caltrans maintenance agreement for the Overhead Sign. The State notified Castroville CSD of the approval and a future agreement to be sent to CCSD from the State. In addition, CCSD will need to enter into a sole-source agreement for the Overhead Sign. The State has also requested a traffic control plan and a storm water control plan which was sent to the state for approval. The cooperative agreement between Caltrans and CCSD was just executed. The action plans were put together by Paul Greenway, G7ei Inc. and have provided a timeline on the status of where the grants are. Current grants awarded are the Clean Water Small Communities Planning Grant (\$500,000) with State Waterboards for administration, preliminary engineering report, plans and specs for sewer in Moss Landing, project assigned to MNS Engineers. The IRWM Implementation Grant (\$395,000) is with DWR for the Deep Well (Well #6) and the use will be specified in the DWR/MCRWA agreement. The DAC Involvement Programs amount \$61,807 with DWR is for the design of the Washington Sewer Bypass for Castroville sewer is also assigned to MNS Engineers. Current funding efforts: Moss Landing sewer system improvements, Castroville emergency well replacement, Castroville water supply improvements and Castroville wastewater improvements.

4. Update on Monterey One Water (M1W) lateral repair – General Manager Eric Tynan notified the Board that the Action Plan report can be viewed on pages 62-63 of this board packet. As mentioned, Cypress Alley has routine blockage problems causing challenges for the District. He is still waiting to hear if M1W staff will consider doing the Private Lateral Rehabilitation Project for CCSD on the conceptual plan, for the Cypress Alley Sewer Realignment Project instead of the other areas discussed in Castroville. M1W will need to get approval from the Central Coast Water Board before moving forward with this project. Per Mike McCullough, MIW Director of External Affairs, the Central Coast Water Board is still asking about the income levels of these property owners before approving M1W to use this funds in this location and MIW is fighting this request as Castroville is considered a Severely Disadvantaged Community. Per Mr. McCullough, MIW also has hired a consultant Catalina Ferreto to contact the 52 property owners to sign the agreement, allowing MW1 and its contractors access to their property for the sole purpose of accessing their home's sewer line via the outside clean-out valve. Ms. Ferreto stated she has spoken to several property owners and surprised they did not attend this board meeting as they told her they would come. The District would fund cost of design and construction of the sewer main and relocation. M1W would fund design and construction costs of the laterals. However, the timing for the construction phase will be important. Timing will be addressed after determination if M1W participates. MIW is waiting on State funding. The District requested a proposal from MNS for the design fee of the sewer main relocation. The M1W project is part of an enforcement action for M1W by the Central Coast Water Board and MIW needs to move fairly quickly on this project. The budget for the Private Lateral Rehabilitation Project is \$790,000.
5. Resolution No. 22-09 Adopting the District Budget for FY 2022/2023 for Water (Castroville Zone 1), Sewer and Governmental (Castroville Zone 1), Sewer and Governmental (Moro Cojo, NMCHS, Monte Del Lago Mobile Park Zone 2) and Sewer (Moss Landing Zone 3) and 5 year CIP – **motion item**
  - Recommendation of the Budget & Personnel Committee (Directors: Stefani and Padilla) to consider along with the annual income and operating budget for fiscal year 2022/2023:
    - Extended recreational services with North County Recreation & Park District, \$195,000 ( of which \$45,000 carried forward from 2021/2022).
    - Operation Department move up to the next Wage Step Program (varies from (3%-3.5%) percent salary increases depending on what step employee (operator) is



Minutes of the Castroville Community Services District  
June 21, 2022 Regular Board Meeting  
Page 6

currently on; effective July 14, 2022. Per new Employee Handbook adopted at the 5-24-2022 board meeting and effective as of July 14, 2022, On-Call for the week (7 days) 6 hours paid at time & one-half as long as requirements met for hours worked for work week.

- Administration Department move up to the next Wage Step Program 3% percent salary increase, plus an additional 2%; total 5% wage increase. Effective July 14, 2022.
- Capital Improvement Projects

The Board reviewed and discussed the final budget presented for FY 2022/2023 for Water (Castroville Zone 1), Sewer and Governmental (Castroville Zone 1), Sewer and Governmental (Moro Cojo, NMCHS, Monte Del Lago Mobile Park Zone 2) and Sewer (Moss Landing Zone 3) and capital improvement projects for the fiscal year. Resolution No. 22-09, the District Budgets for FY 2022/2023 and supporting documentation can be viewed on pages 64-92 of the board packet. \$195,000 will be allocated for extended recreational services with 95,000 towards capital improvement projects for the recreation center (\$45,000 is being carried forward from fiscal year 2022/2022 due to the delay of projects caused by the Covid-19 pandemic), and employees hourly/salary increases as noted above for the Operations Department( plus On-Call) and Administration Department effective July 14, 2022. After some discussion, a motion is made by Ron Stefani and seconded by Cosme Padilla to approve Resolution No. 22-09 Adopting the District Budget for FY 2022/2023 for Water (Castroville Zone 1); Sewer and Governmental (Castroville Zone 1); Sewer and Governmental (Moro Cojo, NMCHS, Monte Del Lago Mobile Park Zone 2) and Sewer (Moss Landing Zone 3); and Extended recreational services with North County Recreation & Park District, \$195,000 ( of which \$45,000 carried forward from 2021/2022), Operation Department move up to the next Wage Step Program (varies from (3%-3.5%) percent salary increases depending on what step employee (operator) is currently on; effective July 14, 2022. Per new Employee Handbook adopted at the 5-24-2022 board meeting and effective as of July 14, 2022, On-Call for the week (7 days) 6 hours paid at time & one-half as long as requirements met for hours worked for work week, Administration Department move up to the next Wage Step Program 3% percent salary increase, plus an additional 2%; total 5% wage increase. Effective July 14, 2022 and Capital Improvement Projects. The motion carried by the following roll call votes:

AYES:	3	Directors:	Stefani, Padilla and Cochran
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	2	Directors:	Oania and Melgoza

**CLOSED SESSION: 5:00 p.m.**

1. Pursuant to Government Code Section. 54957, Public Employee Performance Evaluation, Title: General Manager

**ANNOUNCEMENT OF CLOSED SESSION ITEM: (if applicable):**

The board will reconvene into open session prior to adjournment and shall announce any action taken during the closed session. **The Board returned from Closed Session at 5:04 p.m.** The Board conducted a performance evaluation of the General Manager and the employment agreement was reviewed. Any action will be taking out in open session. The Board announced that General Manager Eric Tynan is doing a great job. He has initiated many projects for the District and is on top of everything. In addition the District is fortunate to have him as there are many water issues to deal with. A motion is made by Ron Stefani and seconded by Cosme Padilla to increase the General Manager's wages by 5% effective July 14, 2022. The motion carried by the following roll call votes:

AYES:	3	Directors:	Stefani, Padilla and Cochran
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	2	Directors:	Oania & Melgoza

**BOARD OF DIRECTORS COMMUNICATION:** When needed, this time is reserved for the Board of Directors to communicate activity, educational classes, and/or Committee reports.

1. Update on Monterey One Water (M1W) board meeting – Director Ron Stefani reported to the Board that they are still hassling with Cal Am. However the fight is between Cal Am and Monterey Peninsula Water Management. As discussed last month, the biggest issue right now with M1W is retention time. The water is not staying in the ground long enough, it is not working as designed. The water for the Pure Water Monterey Project per regulations is required to stay in the ground for two months before it can be taken out but per the test it is coming out in four weeks. This is the only liability M1W has and there will probably be a lawsuit. However, there is one well that Cal Am really wants to use and is not being allowed to because of the retention time. They are looking to drill a new well or looking at the other options. One option is to slow down the water, pumping it in but will be guessing and MIW and Monterey Peninsula Water Management both do not want that because it could affect the permit at the state level and shut the project down. The farmers are still worried about getting enough water from the Castroville Seawater Intrusion Plan and the Expansion. This is an unprecedented drought we have ever seen.
2. Update on Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) meeting – Director Ron Stefani stated the GSA is required to report annually now. As mentioned last month, Governor Newsom has issued his executive order saying that GSA's approve no new wells, as long as there is a drought which will open them up for potential litigation against farmers who want to drill a new well as the GSA will deny the permits.
3. Update on meetings or educational classes attended by the Directors – None

## GENERAL OPERATIONS

1. General Manager's Report – Compliance update, current projects update, meetings/seminars update, staff update, suggestive projects discussions
2. Operation's Report
  - a) Water – Pumpage & Usage Update, Water Testing Update, Current Installation
  - b) Water -Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issue
  - c) Sewer & Storm Drain – Jetting, Current Installation Status Update, Current Contractor Work Update, Maintenance/Repair Update, Customer Service Update, Safety Issues
3. Customer /Billing Reports – Water Sales, Water Usage, A/R Update, Customer Service Update
4. Financial Reports – Treasures L.A.I.F. Report, Internal Report, Administration Update

*General Operations Reports were accepted as presented*

**CHECK LIST – May 2022.** A motion was made by Ron Stefani and seconded by Cosme Padilla to pay all bills presented. The motion carried by the following roll call votes:

AYES:	3	Directors:	Stefani, Padilla and Cochran
NOES:	0	Directors:	
ABSENT/NOT PARTICIPATING:	2	Directors:	Oania and Melgoza

There being no further business, a motion was made by Cosme Padilla and seconded by Ron Stefani to adjourn to the next scheduled Board meeting; the motion carried by the following roll call votes:

Minutes of the Castroville Community Services District  
June 21, 2022 Regular Board Meeting  
Page 8

AYES: 3 Directors: Stefani, Padilla and Cochran  
NOES: 0 Directors:  
ABSENT/NOT  
PARTICIPATING: 2 Directors: Oania & Melgoza

The meeting adjourned at 5:13 p.m. until the next scheduled meeting

Respectfully submitted by,

Approved by,

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Lidia Santos  
Secretary to the Board

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James Cochran  
President

# Salinas Basin Water Alliance

*"Preserve and Protect Salinas Valley Water"*



June 9, 2022

VIA ELECTRONIC MAIL — [BOARD@SVBGSA.ORG](mailto:BOARD@SVBGSA.ORG)

- Members
- Bengard Ranch
- Boutonnet Farms
- Louie Calcagno
- Christensen & Giannini
- Costa Farms
- Cooper Land Corp.
- D'Arrigo Bros.
- Dole Fresh Vegetables
- Fontes Farms
- General Farm Investment
- Higashi Farms
- Huntington Farms
- Lanini Family
- Merrill Farms
- Norcal Harvesting
- Nunes Vegetables
- Ocean Mist Farms
- Panziera Ranches
- Pedrazzi Farms
- Queen Victoria Farms
- R.C. Farms
- Secondo Farms
- Scattini Family LP
- Springfield Farms
- Sunberry Growers
- Sunset Farms
- Tanimura & Antle
- Taylor Farms
- The Tottino Group

Salinas Valley Basin Groundwater Sustainability Agency  
Board of Directors  
c/o Clerk of the Board  
P.O. Box 1350  
Carmel Valley, CA 93924

**RE: June 9, 2022 Board of Directors Meeting — Second Comment Letter — Agenda Item No. 7.d; Consider Adopting a Resolution in Response to Governor's Order N-7-22 Regarding Continuing Drought Conditions and Establishing a Well Permitting Response to a Well Permitting Agency**

Dear Chair Pereira and Honorable Directors:

The Salinas Basin Water Alliance ("Alliance") is a California nonprofit mutual benefit corporation formed to preserve the viability of agriculture and the agricultural community in the greater Salinas Valley. The Alliance submits this second comment letter in opposition to the draft Resolution for Implementing the Governor's Executive Order N-7-22 Regarding Continuing Drought Conditions ("Resolution") and associated draft Verification in Compliance with Executive Order N-7-22 ("Verification") to be considered by the Salinas Valley Basin Groundwater Sustainability Agency ("SVBGSA"). For the reasons discussed below, the Alliance respectfully requests the SVBGSA deny the Resolution and Verification and direct staff to formulate an alternative path to comply with the EO.

The Alliance understands the SVBGSA's obligation to comply with Executive Order N-7-22 ("EO"). As applied to all groundwater sustainability agencies ("GSA") across the State, the EO provides:

To protect health, safety, and the environment during this drought emergency, a county, city, or other public agency shall not: a. Approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to the Sustainable Groundwater Management Act and classified as medium- or high-priority without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered such a plan.

(EO, § 9.a. [emphasis added].) The Resolution and the Verification, however, go well beyond the provisions of the EO. Instead, the Resolution and Verification insert the SVBGSA into the well permitting process without authority and include other unnecessary and illegal terms.

Generally, the Board should prevent the GSA from unnecessarily inserting itself into Monterey County's ("County") well permitting process by refusing to adopt the Resolution and the Verification. Presently, the County retains well permitting authority in the Salinas Valley Basin, reviewing, analyzing, and acting on well drilling applications. While the County receives advice on well permitting from other agencies at times, the County remains the agency charged with determining the terms and conditions within each well permit and issuing the permit to the applicant. The Resolution alters this regime by requiring a well permit applicant to execute the Verification in order for the SVBGSA to comply with the EO. In other words, the Resolution develops a new permitting relationship between the well permit applicant and the SVBGSA. That is not what is called for in the EO. The EO only requires the GSA to issue a "written verification" to the County that groundwater extraction from the well would not be inconsistent with any sustainable Groundwater Sustainability Plan ("GSP") or decrease the likelihood of achieving a sustainability goal for the basin covered by the GSP; the EO requires nothing of the applicant.

Specifically, the Resolution and the Verification have the following infirmities:

1. **Term of Resolution:** The EO will terminate when the State of Emergency—i.e., drought—ends. However, as currently drafted, the Resolution does not include a termination or expiration date. When the EO sunsets, the SVBGSA will have no legal obligation or authority to conduct the tasks assigned in the EO. Accordingly, the Resolution and the Verification should include a termination date that coincides with the expiration of the EO.
2. **Resolution, § 2 & Verification, Eighth Checkbox:** The Resolution states that the SVBGSA is authorized to provide the "appropriate response" to a well permitting agency for a well that is subject to the EO, "including providing an opinion as to whether a well is 'not likely to cause subsidence that would adversely impact or damage nearby infrastructure' as required by paragraph 9 (b) of the Executive Order." Similarly, the Verification requires an acknowledgment from the applicant that any well would not run afoul of Section 9(b) of the EO. The Resolution and Verification again overstate the obligations imposed on the SVBGSA by the EO. Section 9(b) of the EO requires the well permitting

agency, not the GSA, to consider whether “extraction of groundwater from the proposed well (1) is not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure.” Section 9(b) makes no mention of GSAs; only Section 9(a) refers to GSAs. As such, the Resolution and the Verification should be tailored to only require the SVBGSA to address the directives in Section 9(a) of the EO.

3. **Resolution, § 3 & Verification, Second Checkbox:** The Resolution and the Verification require well permit applicants to “acknowledge” the SVBGSA’s authority under the Sustainable Groundwater Management Act “to limit extractions” or impose “pumping restrictions or other forms of demand management” included in the GSPs. This acknowledgment exceeds the requirements of the EO and is entirely unnecessary. Water Code section 10726.4(a)(2) already grants GSAs the authority to “control groundwater extractions,” stating:

To control groundwater extractions by regulating, limiting, or suspending extractions from individual groundwater wells or extractions from groundwater wells in the aggregate, construction of new groundwater wells, enlargement of existing groundwater wells, or reactivation of abandoned groundwater wells, or otherwise establishing groundwater extraction allocations. Those actions shall be consistent with the applicable elements of the city or county general plan, unless there is insufficient sustainable yield in the basin to serve a land use designated in the city or county general plan. A limitation on extractions by a groundwater sustainability agency shall not be construed to be a final determination of rights to extract groundwater from the basin or any portion of the basin.

There is no need to reiterate this authority in the Resolution, much less to require a well permit applicant to “acknowledge” the authority in the Verification. If the SVBGSA believes it requires a legal citation for the verification that it is required to provide to the County, it should cite to the EO.

4. **Resolution, § 4 & Verification, Preamble:** The Resolution and the Verification define “replacement well” as a well that “a) is designed and constructed to not exceed the capacity (gallons per minute) of the well to be replaced, b) extracts groundwater from the same aquifer as the well to be replaced, and c) the well to be replaced ceases to be operated upon construction of the new well and is destroyed within \_\_ days thereafter.” There are several issues with this definition. First, the definition of “replacement well” should grant staff discretion to consider as a replacement well consolidation of multiple small wells into a single well with the same capacity as the cumulative total of the small wells. Production would not increase and there would be fewer wells for which to consider impacts to other existing wells. Second, there is no requirement in the EO that “replacement wells” be limited to those wells that extract groundwater from the “same aquifer” as the well to be replaced. Third, the County, the well permitting authority in the Salinas Valley, has never adopted an ordinance limiting “replacement wells” to produce water from the “same aquifer” as the well to be replaced. In fact, Ordinance 5302, adopted by the County in 2018 and which has since expired, defined “replacement well” as a well-constructed “to provide water for the same purpose as the existing water well, and if the purpose is for irrigation, it must deliver water to the same amount of irrigated acreage (or less acreage) as served by the existing water well.” (Ordinance 5302, § 3.1.) The Resolution and the Verification should maintain consistency with the County’s

definition of “replacement well,” as the County is the well permitting authority in the Salinas Valley Basin.

5. **Verification, Fourth Checkbox:** The Verification requires an applicant to “agree that [their] groundwater use will comply with [sustainable management] criteria.” The Verification misunderstands sustainable management criteria (“SMC”). The SMC were set in the GSPs to manage the entirety of each subbasin’s GSP. This means the SMCs were developed at a subbasin-level, not a property specific-level. Individual landowners and individual wells cannot “comply” with the SMC as there are no property- or well-specific requirements. Accordingly, the required verification is entirely infeasible. Further, even if minimum thresholds or measurable objectives were considered property- or well-specific, individual landowners and individual wells cannot guarantee any particular groundwater level in a specific area; groundwater levels are determined by numerous factors outside the control of any individual landowner, including the collective production from and management of the Salinas Valley Basin as a whole.
  
6. **Verification, Seventh Check Box:** The Verification would insert the SVBGSA into the well permitting process and then requires an applicant to indemnify the GSA for any “liability stemming from or related to Monterey County issuing a well permit” in response to the well permit application. As discussed above, this requirement attempts to create a new permitting relationship between the GSA and the well permit applicant that the EO does not require. Since the County retains sole well permitting authority in the Salinas Valley Basin, there is no basis for indemnification of the SVBGSA. The County, the well permitting authority, already requires well permit applicants to indemnify the County. Additionally, the indemnity language included in the Verification is overbroad—it fails to provide the applicant notice of what liability it could potentially be responsible for in the event the indemnification provision is triggered.

For each of the reasons discussed above, the Alliance respectfully requests the GSA reject the Resolution and the Verification and reformulate its approach in complying with the EO.

Respectfully submitted,



George Fontes

President, Salinas Basin Water Alliance



June 21, 2022

Salinas Valley Basin Groundwater Sustainability Agency  
Att: Donna Meyers, General Manager  
P.O. Box 1350  
Carmel Valley, CA 93924

**RE: AB 2201 - OPPOSE**

Dear General Manager Meyers:

The undersigned organizations stress the importance of OPPOSING the pending legislative bill AB 2201 (Bennett) as it has a number of flaws that could expose the Salinas Valley Groundwater Sustainability Agency (SVBGSA) to significant hurdles and liability exposures.

First, Governor Newsom issued Executive Order N-7-22 on March 28, 2022, which imposes substantially similar requirements on counties and GSAs related to new well permitting. Counties and GSAs, including Monterey County and the SVBGSA, are currently struggling to determine how to best implement the Executive Order's requirements. Note that the Executive Order is tied to the declaration of a drought emergency; thus, the Executive Order may address current drought concerns, but is not a permanent change in law.

AB 2201 would codify the Executive Order and require implementation at a time when it is not appropriate. Rather, counties, GSAs, and water users should be able to work through the implementation of the Executive Order's directives on a temporary, emergency basis before codifying the approach and modifying the local control guaranteed in SGMA.

AB 2201 is at odds with this stated policy of local control. Instead, AB 2201 would create a new permitting process for groundwater wells that will negatively impact agricultural businesses, and rural communities that rely on a thriving agricultural economy for their livelihoods, and food security. This bill imposes a strict new mandate on how groundwater sustainability agencies (GSAs) must operate and manage their own groundwater basins. Rather than allowing GSAs to determine which management options are best suited for local conditions, this bill would require that GSAs make specific findings related to new groundwater wells before a County could authorize such a well.

It is important to note that GSAs currently possess the authority to manage groundwater and impose restrictions on groundwater extraction and use. The difference is that each and every GSA is not *required* to make the same specific findings in the manner prescribed by AB 2201. In that sense, the bill imposes a state mandate and circumvents local control. SGMA acknowledges that not every groundwater basin is the same, and that no single management solution is the right fit for every basin. AB 2201 does not afford GSAs the necessary flexibility to tailor management to local conditions as required under SGMA.



For the reasons listed above, our organizations do not believe that circumstances exist to codify into California law that all well permit application reviews are subject to the approval of any GSA on a permanent and unending requirement.

There are broad interpretations of the language in AB 2201 that cause concern and significant liability exposure for all groundwater sustainability agencies (below from the amended bill text, dated June 16, 2022):

*(1) The county, city, or any other water well permitting agency obtains written verification from a groundwater sustainability agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well meets both of the following conditions:*

*(A) The proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable groundwater sustainability plan adopted by that groundwater sustainability agency or an alternate plan approved or under review by the department.*

*(B) The proposed well would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan.*

For the SVBGSA, with adopted but *unapproved* plans for five of six groundwater sub-basins, there exists enough grey area to challenge any and all well application approvals AND denials under this contextual review process. Any new well proposed for a severely overdrafted sub-basin could be consider “inconsistent with any sustainable groundwater management program” and, thus, be challenged legally if approved. With many data gaps existing in many of the sub-basins of the Salinas Valley groundwater basin, there is a lack of evidence that can be presented that would substantiate a new well application meeting “the likelihood of achieving a sustainability goal” and, thus, bring on further legal challenges to both the SVBGSA and the County agencies involved.

This bill creates mandates for all medium- and high-priority basins; it is not limited to those basins subject to critical overdraft. SGMA treats critically overdrafted basins differently than other medium- or high-priority basins, the vast majority of which are being sustainably managed. The process for prioritizing basins is based more on population and the relative reliance on groundwater for water supply than how sustainably the basin is managed. AB 2201 requires a GSA to determine that a new or altered well will not impact other nearby wells or cause subsidence that impacts nearby infrastructure.

There is also a provision of AB 2201 that requires the public posting of any and all well permit applications for a period of 30 days prior to issuance of any approval or denial of such permit application. This makes all permit actions *de facto* discretionary, which either add a new duplicative public comment process to those already established under CEQA or would make well permitting decisions subject to CEQA themselves. In all, this increases the risks for litigation, both within the CEQA context and in relation to groundwater adjudication proceedings. Our organizations remain strongly opposed to any additional public postings of well application permits for “public comment periods.”

Further, if this legislative requirement is applied to replacement wells (and this is not abundantly clear in the proposed bill language), another layer of review would be required by the SVBGSA prior to approval of replacement wells; this makes little sense in terms of managing our groundwater as there is no indicated change in the amount of water used by a replacement well.

Monterey County already has a strong well permitting process in place that works well and scrutinizes each well application for a number of impacts and influences.

Our organizations urge the SVBGSA to remain OPPOSED to AB 2201 as an unworkable regulatory requirement that removes local control from our groundwater management plans; the Executive Order already protects the groundwater basin during the drought declaration, so this legislative bill is unnecessary while the declaration is in effect.

Sincerely,



Norman C. Groot  
Monterey County Farm Bureau



George Fontes  
Salinas Basin Water Alliance



Christopher Valadez  
Grower-Shipper Association of  
Central California



Kim Stemler  
Monterey County Vintners & Growers  
Association



Joseph Desmond  
Sustainable Agriculture & Energy



Nancy Isakson  
Salinas Valley Water Coalition

cc: Les Girard, Counsel for Salinas Valley Basin Groundwater Sustainability Agency



# New Drought Requirements for Small Water Suppliers



## Senate Bill Number 552 (SB 552)

Signed in September 2021, [SB 552](#) introduces and summarizes the new responsibilities and requirements for state and local government (counties and small water suppliers) in preparation of a water shortage event.

## Scope of SB 552

Under SB 552, state and local governments will share the responsibility in preparing and acting in the case of a water shortage event. The new law outlines basic steps for small water suppliers, county governments, California Department of Water Resources, and the State Water Board to implement more proactive drought planning and impact prevention and to be better prepared for future water shortage events.

## What does SB 552 require from Small Water Suppliers?

SB 552 considers several categories of small water suppliers: those suppliers with 15 to 999 connections, those with 1,000 to 2,999 connections inclusive, and non-transient non-community (NTNC) water systems that are schools (see Table 1).

Table 1. Requirements for Small Water Suppliers by Size, per SB 552

Summary of Requirement	Community Water Systems 1,000-2,999 connections	Community Water Systems 15-999 connections	NTNC Water System Schools
Drought Resiliency Measures	Yes	Yes	Yes
Abridged Water Shortage Contingency Plan	Yes	No	Yes
Drought Element added to Emergency Notification or Response Plan	No	Yes	No
Annual reporting of water supply condition information to the State Water Board	Yes	Yes	Yes
Annual water demand reporting to the State Water Board	Yes	Yes	Yes

For more information about the State's Drought Response and Assistance, please visit: [drought.ca.gov](http://drought.ca.gov).

## **Small Water Suppliers with 15-2,999 connections + NTNC schools**

### *New Annual Reporting Requirements*

All small water suppliers (community water systems with 15-2,999 connections) and non-transient non-community water systems that are schools (NTNC schools) must report water supply condition, production, and demand information to the State Board annually.

### *Implement drought resiliency measures, subject to funding availability*

- Detect production well groundwater levels - *January 1, 2023*
- Mutual aid organization membership - *January 1, 2023*
- Continuous operation during power failures - *January 1, 2024*
- Backup source of water supply or a water system intertie - *January 1, 2027*
- Meter each service connection and monitor water loss - *January 1, 2032*
- Meet fire flow requirements - *January 1, 2032*

## **Water Shortage Contingency Planning**

*1,000-2,999 connections + NTNC schools:* Small water suppliers serving 1,000 to 2,999 service connections and NTNC schools must develop and maintain a Water Shortage Contingency Plan that includes specified drought-planning elements no later than July 1, 2023. Suppliers must prepare an updated plan every five years thereafter. The State Water Board and Department of Water Resources are preparing a template for the water shortage contingency plan for small suppliers by December 31, 2022. Required plan elements include:

- Specified drought planning contacts
- Water shortage levels corresponding to water supply conditions
- Triggering mechanisms to acknowledge water shortage levels
- Response actions to address each of the shortage levels

*15-999 connections:* Small water suppliers serving 15-999 service connections must incorporate drought planning elements (including, but not limited to, drought-planning contacts and standard water shortage levels) into their Emergency Notification Plan (ENP) or Emergency Response Plan (ERP).

## **Resources**

Tools, updates, events and other resources are available here:  
<https://water.ca.gov/Programs/Water-Use-And-Efficiency/SB552>

**Contact:** [drought@waterboards.ca.gov](mailto:drought@waterboards.ca.gov)

*For more information about the State's Drought Response and Assistance, please visit: [drought.ca.gov](http://drought.ca.gov).*

# SGMA IMPLEMENTATION UPDATE. With the deadline looming for the GSPs deemed incomplete, the State Water Board prepares for possible intervention

[mavensnotebook.com/2022/05/17/sgma-implementation-update-with-the-deadline-looming-for-the-gsps-deemed-incomplete-the-state-water-board-prepares-for-possible-intervention/](https://mavensnotebook.com/2022/05/17/sgma-implementation-update-with-the-deadline-looming-for-the-gsps-deemed-incomplete-the-state-water-board-prepares-for-possible-intervention/)

Maven Meetings May 17, 2022 0 638

May 17, 2022



In January of 2022, the Department of Water Resources (DWR) released their assessments of the groundwater sustainability plans for the critically overdrafted groundwater basins, approving eight of them and determining twelve to be incomplete. Those basins have until July 31, 2022 to correct the deficiencies and resubmit their plans to DWR or face possible intervention by the State Water Resources Control Board.

At the May 10 meeting of the State Water Board, James Nachbaur and Anthony Wohletz from the State Water Board's Office of Research, Planning, and Performance, and Paul Gosselin, Deputy Director of Sustainable Groundwater Management, updated the Board members on the status of SGMA implementation and the what the possible future role of State Water Board's intervention would look like.

## SGMA basics, briefly

James Nachbaur began by reminding that groundwater is a critical resource; about 80% of people in California use or rely to some degree on groundwater. Reliance on groundwater increases substantially during drought.

The Sustainable Groundwater Management Act (or SGMA) was passed in 2014 at a time when the state was experiencing a severe drought and groundwater basins were being depleted. On the day the Act was signed, almost all of California was in exceptional, extreme, or severe drought.



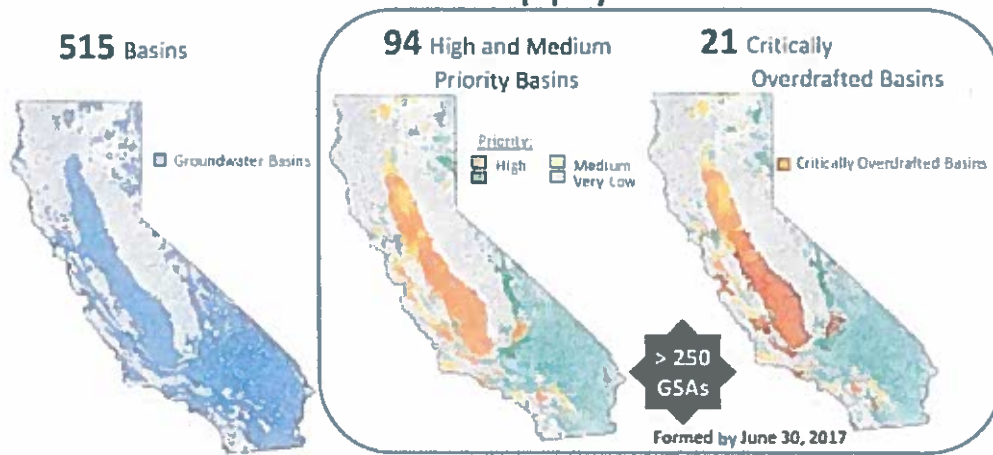
SGMA applies to alluvial groundwater basins and subbasins designated by the Department of Water Resources as high or medium priority. The legislation defines sustainable groundwater management as avoiding these six undesirable results:

- **Low groundwater levels:** This was a problem in 2014 as many drinking water wells and production wells were going dry.
- **Reduced groundwater storage:** There was concern that the heavy pumping during the drought was depleting reservoirs, leaving little left as a reserve for communities and agriculture to withstand future dry periods.
- **Seawater intrusion:** Pumping near the coast was pulling in seawater in some cases and making wells less usable.
- **Water quality degradation:** as water levels drop, the concentrations of pollutants can increase.
- **Land subsidence:** Groundwater pumping can cause the land surface to drop unevenly, damaging infrastructure such as roads and canals, which are costly to repair.
- **Depletion of surface water that interacts with groundwater:** Pumping was reducing flow levels and rivers and streams. And this was impacting other groundwater users downstream, including the environment.

Mr. Nachbaur noted that the legislation looks to maintain or attain conditions as they were in 2015; it does not require remediating groundwater conditions to go back further in time. SGMA sets a timeline of 20 years to achieve sustainability.



# Where Does SGMA Apply?



The first step of SGMA implementation was for each groundwater basin or subbasin to form a Groundwater Sustainability Agency (GSA) by June 30, 2017. This was very successful, with 99% forming GSAs.

The next step was to develop groundwater sustainability plans that detail the basin or subbasin's path to achieve sustainability. Those basins or subbasins determined to be critically overdrafted were required to submit their groundwater sustainability plans to the Department of Water Resources by January 31, 2020; the remaining basins and subbasins had until January 31, 2022, to submit their plans. Implementation is already underway.

Mr. Gosselin noted that although there have been a lot of requirements so far, the program is still in the early stages. *"There's a long path from here to 2040 and 2042,"* he said. *"It's a new statute that changed 100 years of water law. Not knowing how all those mechanisms would unfold, especially with the relationship with the three pillars being Department of Water Resources, State Water Board, and local groundwater sustainability agencies, I think that so far, it has been working very well."*

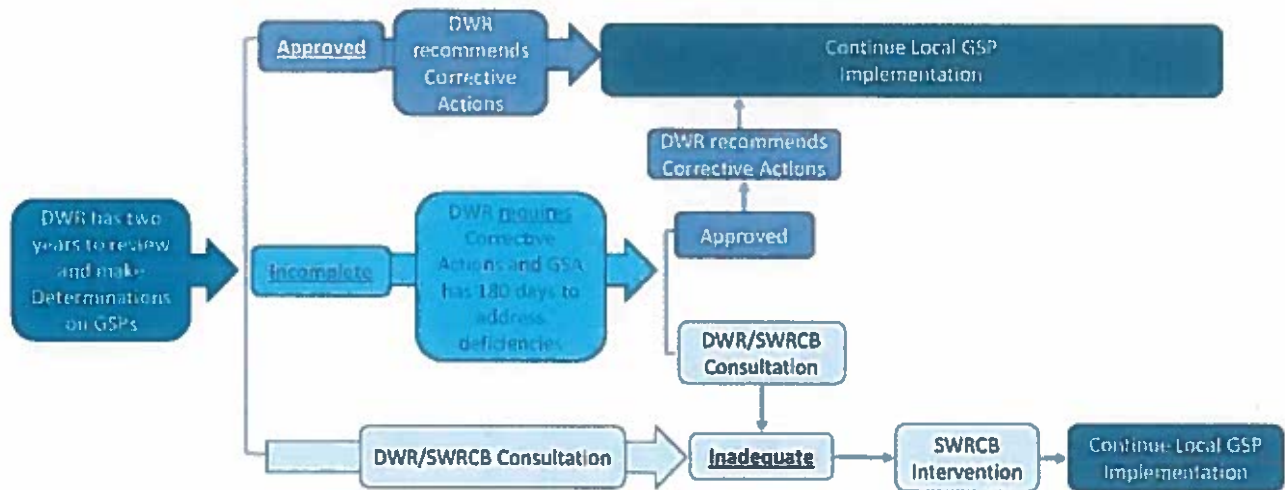
*"As we look forward to how this unfolds, there are obviously a lot of challenges ahead and a lot of uncertainty,"* he continued. *"With the partnership with DWR and the State Board, I'm very confident that we'll be able to continue our work with local agency stakeholders and really have a successful program so we can look at groundwater sustainability as a reality in 2040 and 2042."*

## DWR's regulatory oversight

The graphic below shows the regulatory pathways. Once plans are submitted, the Department has two years to review them. When the plans are submitted, they have been adopted by the governing board of the GSA, so they immediately become implementable.

*"They are implementing them upon adoption,"* said Mr. Gosselin. *"They don't wait for our review and approval."*

# SGMA Regulatory Pathways



He noted that DWR limited the review to what was submitted at the time. *“As local agencies start to make changes and adapt, we would never get through that if we were chasing around changes to plan,”* he said. *“So it was what was submitted at the time, knowing that some plans had changed by the time we completed review, but our review is looking at ‘substantial compliance’ with the law. We’re not deeming plans to be perfect because they will be adaptable. And we are going to expect them to change over time as circumstances change.”*

The review looked to see if the plan was on track to achieve sustainability in 20 years and considered all groundwater users and uses, a fundamental facet of the law. Those that did meet substantial compliance with the law were approved, acknowledging that there are likely issues, uncertainties, and data gaps and will need changes; the Department provided recommended corrective actions and will look for changes in the five-year update.

If the plan has deficiencies that preclude the Department from determining substantial compliance, the Department can deem the plan incomplete. The Department provides a written determination of what those deficiencies are, and under the regulations, they have 180 days (6 months) to reconcile and correct those deficiencies. The Department is in communication with the GSAs to provide guidance so the deficiencies can be corrected by the end of July. Ultimately, if not corrected, the plan can be deemed inadequate and potentially be subject to intervention by the State Water Board.

Throughout this process, the local agencies are implementing their plans. The Department recently issued grants to many of the basins whose plans were deemed inadequate as there’s a lot of work to do, and the hard work of moving towards sustainability will continue.

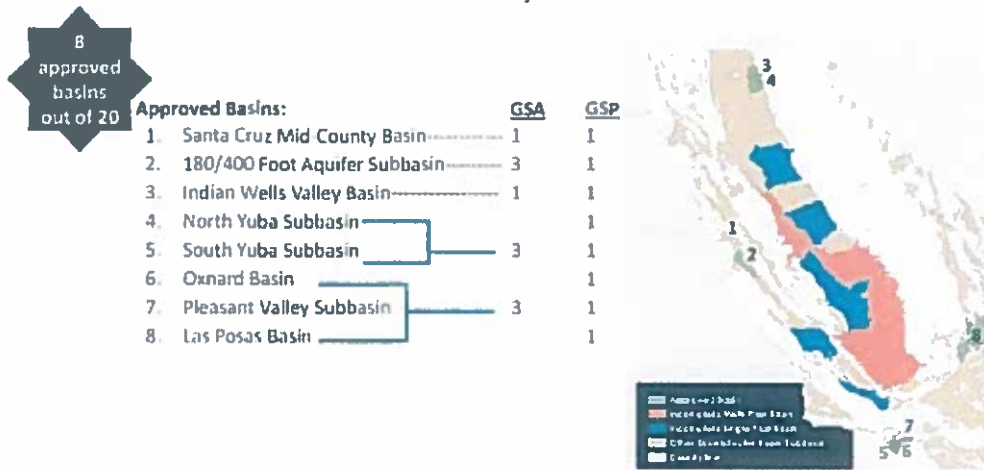
*“It may mean that the goal line they’re going for may just need to change a little bit, but if they’re on the right track through either demand reduction or supply augmentation to recharge, they’re going to continue with those,”* said Mr. Gosselin.



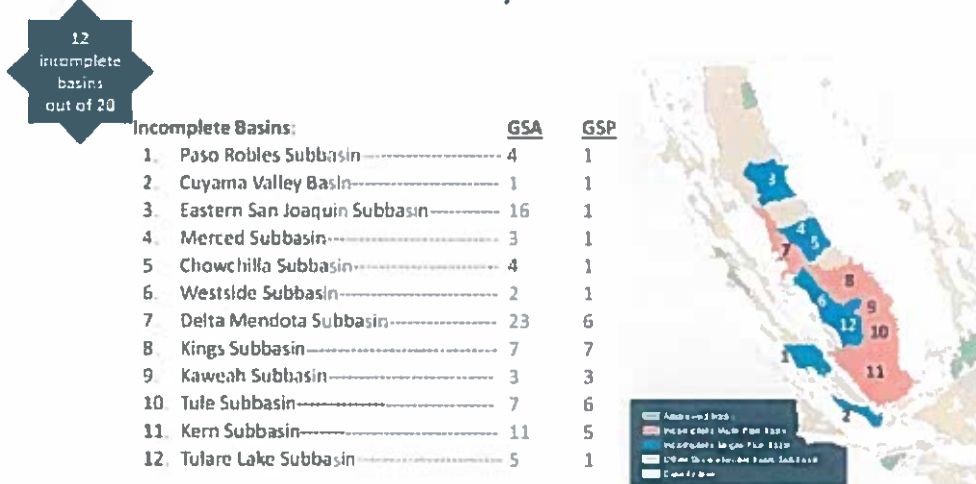
...substantially compliant and twelve were deemed incomplete.

"For the agencies that had to submit a plan by 2020, it was quite the daunting task with a new law, a new set of regulations, and a lot of work ahead," he said.

### Groundwater Sustainability Plans Determinations



### Groundwater Sustainability Plans Determinations



Mr. Gosselin noted that these agencies are trying to resolve the deficiencies, but it can be complicated when multiple member agencies are involved with logistics, noticing, and approvals. He noted that the Department is advising the agencies that it's better to get the deficiencies corrected, even if it means missing the deadline because if the deficiencies aren't addressed, the plan could be deemed inadequate and sent to the State Board for possible intervention.

### Common deficiencies

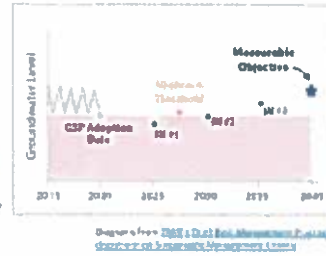
# Common Themes from the GSP Evaluations

- Eliminating overdraft is central to SGMA but not the only requirement

- This should be done in concert with avoiding the six undesirable results



- Sustainable management criteria need to be developed with consideration of all beneficial uses and users

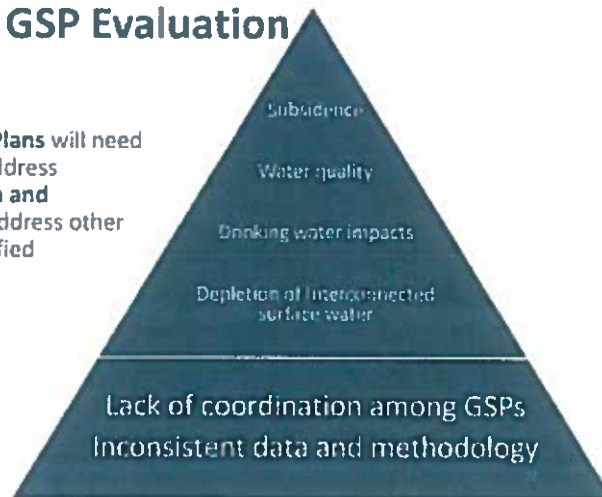


Many agencies did a lot of work to stop the overdraft in the basin by 2040 or 2042, and Mr. Gosselin acknowledged that's important. *"But the main change in water management that SGMA called for was to take into account how that affects groundwater uses and uses and answering the sustainability question; it's not what you're aspiring to do, but what you want to avoid."*

*"Many of the plans lacked the detailed analysis on where the basin was going to be in 2040, and how that affects groundwater users and uses, such as shallow domestic wells or subsidence on the impact on infrastructure,"* he continued. *"Some lacked details, and some needed more analysis to explain specifically where the minimum threshold was set, which is the point where undesirable results are starting to occur. And so the analysis seemed to be lacking, and there wasn't the explanation or analysis that groundwater uses and users were not going to have undesirable results."*

## Actions Related to GSP Evaluation

- Some basins with **multiple Plans** will need to further coordinate and address **inconsistencies in their data and methodologies**, as well as address other deficiencies DWR has identified



The pyramid shows some of the common themes that cut across the deficiencies in the 12 plans.

Addressing subsidence is a challenge; many of the plans that did address subsidence largely lacked the quantification of the infrastructures were of concern and their capacity to withstand subsidence.

subsidence," he said. "Some had some continued rates of subsidence that they're looking now to address and become substantially compliant with the regulations."

Water quality was another issue; some of the plans lacked the details and understanding of the water quality issues occurring in their basin and how they interface with the other lead agencies on water quality. Also, some agencies submitted plans that would bring their basin down below historic lows, which Mr. Gosselin said they're allowed to do, provided that they consider how they address groundwater uses and users.

"When the basin is drawn down below historic lows, one of the things we wanted them to take was a heightened oversight and look at water quality issues because it may exacerbate water quality issues within the basin," he said. "Also, when they do projects such as recharge, they understand where those water quality issues are so they don't exacerbate those impacts."

Drinking water impacts was another significant deficiency. "Looking out at 2040-2042, there were a number of shallow domestic wells and even community wells that looked like they would be dry because the minimum thresholds were above or below where those wells were screened," he said. "Mitigation is not required in the statute, but addressing how the minimum thresholds address groundwater uses and users and whether the undesirable results is the requirement. So the question back to the agencies was, if there was any number of wells – even one well – that under the management of that basin was going to go dry, they needed to explain how that's not an undesirable result for those users of groundwater."

Mr. Gosselin acknowledged there's a lot of uncertainty about the well database; it includes a lot of wells that probably are not in use. "Some agencies tried to remove the 5 or 10% of the most shallow outliers, but that will have to be refined. They have to address upfront how the sustainable management criteria address groundwater uses and users and avoid undesirable results."

Depletion of interconnected surface waters was another key area where the Department found deficiencies. He acknowledged that a good methodology for monitoring and managing interconnected surface waters hasn't been developed yet.

"We're developing that; a lot of agencies are working collaboratively and regions to look at that," he said. "The law did preclude the state board from intervening on this indicator alone until 2025. Part of that was recognizing that this was a real uncertainty on how to develop a methodology to deal with interconnected surface waters."

Many agencies identified this as a data gap, and some didn't address it at all. "In all cases, we told them that we needed specific minimum thresholds by 2025 addressing depletion of interconnected surface waters," he said.

Two basins submitted multiple GSPs within their basins, which is allowed, but the plans must rely on the same data and methodologies. "The intent was that if agencies did have multiple plans, the accumulation of those plans need to walk and talk about the basin in the same

way that addresses and lead towards sustainability.”

## Other Key Considerations

- Clearly show work and identify **data gaps**
- Uphold **public transparency** when correcting plans
- **Continue local outreach** and engagement with beneficial users
- Implement **comprehensive projects** and management actions
  - Supply augmentation & demand reduction
  - Consider water rights for supply augmentation

Category of user	Key areas of Sustainable Basin
General Public	<ul style="list-style-type: none"> <li>• Citizen groups</li> <li>• Community groups</li> </ul>
Land Use	<ul style="list-style-type: none"> <li>• Multi-jurisdictional (state, county, city, local) agencies</li> <li>• Regional land use agencies</li> </ul>
Private users	<ul style="list-style-type: none"> <li>• Private companies</li> <li>• Charitable users</li> <li>• Religious and religious</li> <li>• Hospitals</li> </ul>
Other Agriculture users	<ul style="list-style-type: none"> <li>• Water Agencies</li> <li>• Irrigation districts</li> <li>• Municipal water customers</li> <li>• Municipal wastewater facilities</li> <li>• Commercial users</li> </ul>
Industrial users	<ul style="list-style-type: none"> <li>• Charitable and industrial self-supplier</li> <li>• Local water agencies or group</li> </ul>
Environmental and Educational	<ul style="list-style-type: none"> <li>• 7 water user basin agencies (if not up to date)</li> <li>• National Institute</li> <li>• Environmental groups</li> </ul>
Suburban Development	<ul style="list-style-type: none"> <li>• Charitable or religious</li> <li>• National organizations</li> <li>• County Public Works or Regional City Council</li> <li>• State</li> <li>• State Agency members</li> <li>• State</li> </ul>
Water right or user	<ul style="list-style-type: none"> <li>• Municipalities</li> <li>• State</li> <li>• State</li> </ul>
Water and Basin users	<ul style="list-style-type: none"> <li>• Water Agency</li> <li>• National Institute</li> <li>• National Public Works</li> <li>• National Institute</li> <li>• National Institute</li> </ul>
Integrated Water Management	<ul style="list-style-type: none"> <li>• Regional water management group (state, county, city)</li> <li>• Public agencies</li> <li>• Municipal water utilities</li> </ul>

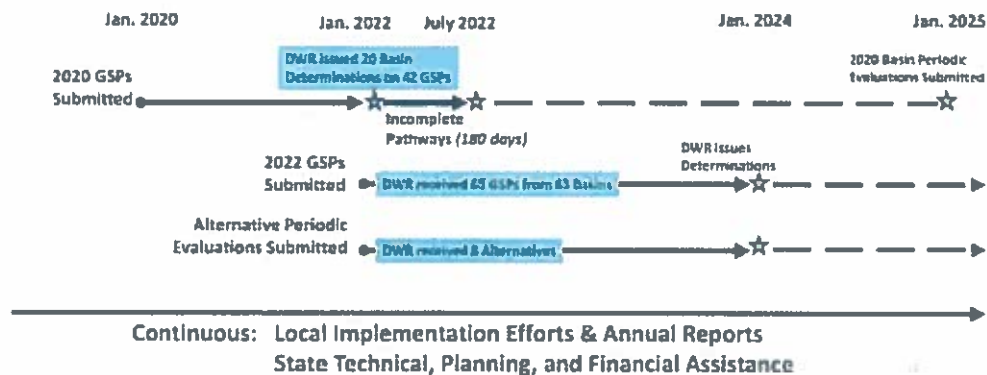
Many of the plans identified data gaps; having a path forward to fill data gaps is important. Public transparency is also important, particularly local outreach; the Department will continue to work with the local agencies to improve community outreach and engagement.

The Department also reviewed the list of projects for supply augmentation and demand reduction, although Mr. Gosselin acknowledged that not all of these projects may be feasible or be funded, and the approaches that the GSAs need to take over the next 20 years may need to change.

“We really wanted just to make sure that they had enough plans to carry this out,” said Mr. Gosselin. “We’ll be working closely with them every five years, making sure they’re on track with their interim measures and how those projects and management actions are taking hold.”

## 2022 Groundwater sustainability plans and alternative evaluations

### Moving Forward to Sustainability



medium and high priority basins submitted their GSPs to the Department as required by January 31, 2022. The Department received 65 GSPs from 63 basins, as well as four plans from low priority basins that were voluntarily submitted.

The alternative periodic evaluations were also due in January, and all GSAs must submit annual reports by April 1. All of this information is available on the DWR portal: [Click here for the SGMA portal.](#)

*“We do have continuous oversight of plan implementation, so if at any time, if we find plans going sideways, and they’re not implementing it for whatever reason, we’ll engage with them, which could lead to an inadequate plan and result in board intervention after consultation,”* said Mr. Gosselin.

## DWR’s groundwater assistance

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Besides their oversight role, DWR has invested \$54 million in technical assistance to date. *“The Department is working closely and helping to guide local agencies towards sustainability because that’s really at our heart and soul, at the end of the day,”* said Mr. Gosselin. *“It’s really making sure that at the local level, the agencies have the tools, information, and resources to work within their communities to get to sustainability.”*

He briefly reviewed the different types of assistance available from DWR.

- **Groundwater Data and Tools:** DWR has many resources to assist GSAs in managing groundwater resources, including datasets, tools, and online visualization platforms. A video highlighting the datasets and tools available is available here: [Click here to watch the webinar](#)
- **Groundwater Live** is DWR’s newest groundwater tool, which features the latest information, live statistics, and interactive dashboards. [Click here to visit Groundwater Live.](#)
- **Land Subsidence Data:** Information on land subsidence in California based on DWR’s Interferometric Synthetic Aperture Radar (InSAR) remote sensing and continuous global positioning system (CGPS) station datasets are available from DWR. Visit Groundwater Live to explore two interactive and user-friendly dashboards and find out where land subsidence is currently occurring and how it has changed over time in California. [Click here to visit Groundwater Live’s subsidence information.](#)
- **Airborne Electromagnetic (AEM) Surveys:** DWR’s AEM project, when completed, will have all the major groundwater basins in the state mapped. This will provide state and federal agencies, groundwater sustainability agencies (GSAs), stakeholders, and the public with basin-specific and cross-basin geophysical data, tools, and analyses. Find out more on DWR’s AEM webpage.
- **Monitoring well installation and borehole camera surveys:** DWR’s technical services include monitoring well installation, geophysical logging, groundwater level monitoring training, borehole video logging, and other field activities. To learn more, visit this page, scroll down, and select the technical services tab.

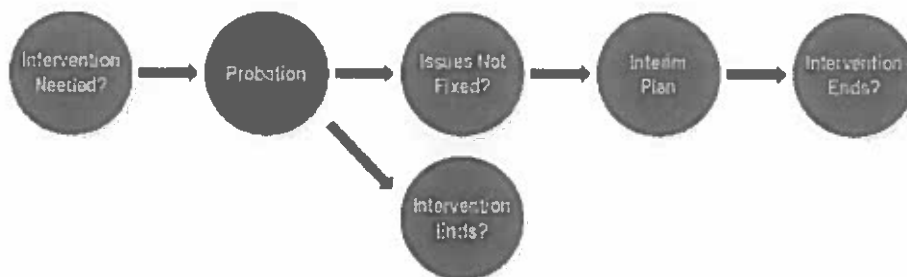
with the California Water Data Consortium on accounting platforms to provide tools for the local agencies who want to implement groundwater trading. Click here for more information.

- **Planning Assistance:** Each basin has a point of contact at DWR's regional offices, which has been helpful for local knowledge and guidance.
- **Outreach materials:** Guidebooks have been developed for engaging with Tribal governments, stakeholder communication and engagement, and underrepresented groundwater users. Guidance for addressing drinking water and domestic wells is under development, and other guidance documents are under consideration.
- **Facilitation Support Services:** The Department provides professional facilitation support services for GSAs at no cost to help foster discussions among diverse water management interests and local agencies. Click here and scroll down to the Facilitation Support tab.
- **Written translation services:** The Department can provide written translation services in eight different languages – not only Spanish but Hmong, Punjabi, and more. The Department is also looking at piloting verbal translation services for local agencies to help communities better engage their local agencies. Click here and scroll down to the Written Translation tab
- **Funding and financial assistance:** The Department will be issuing \$350 million over the next three years for SGMA implementation. This year, there will be \$100 million for recharge projects. Click here for more information.
- **Coordination with other agencies and organizations:** The Department has also been working with the Department of Conservation on the Multibenefit Land Repurposing Program and the Sustainable Ag Lands Conservation Program and the Department of Food and Ag on the Statewide Water Efficiency Program (SWEEP), and the Healthy Soils initiative. GoBiz has been a strong partner with the Department and local agencies to help with community development and workforce development programs as they transition to groundwater sustainability.

## State Water Board intervention

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# State Intervention



groundwater management program, then discussed state intervention, which is the primary role of the State Water Board under SGMA.

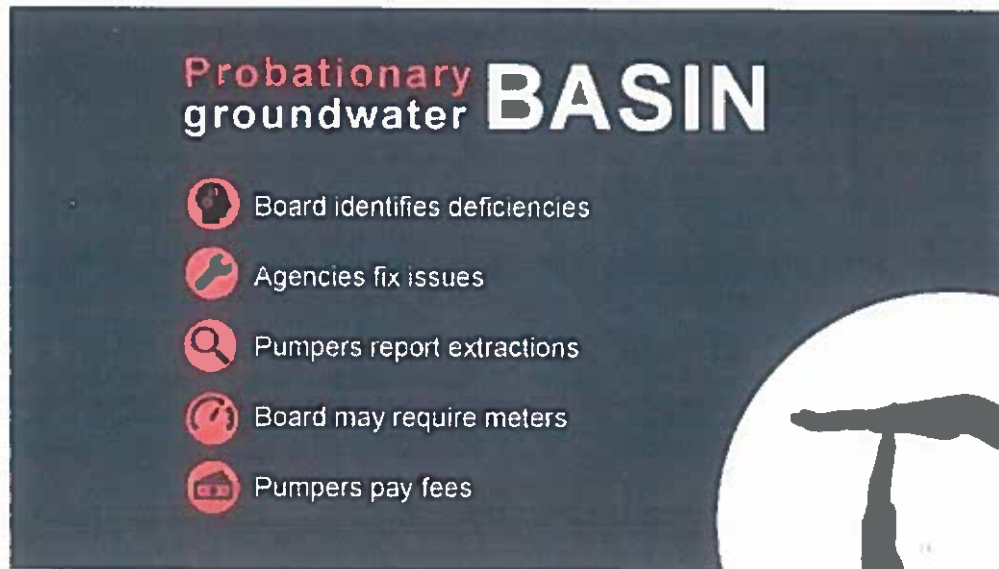
So far, the Board has not had to intervene, as SGMA implementation has been successful. So the Board has focused its efforts on general support, helping GSAs and stakeholders with facilitation, technical assistance, and outreach. The Board has worked with DWR as they review plans and has submitted public comments on plans focused on drinking water, water quality, and water rights.

However, the statute is clear: If the GSA is not managing its groundwater sustainably, the state needs to step in to protect the resource until the GSA can manage the groundwater basin sustainably. That is done through a process called state intervention.

There are two main phases to state intervention:

In the first phase, the board can place a basin on probation and hopefully solve the problems. If issues cannot be fixed during probation, then the state can move to the second phase in which it implements an interim plan. Both of these phases provide tools for the Board to help basins get back on track. The intervention process can end at any time once the GSA can manage the basin sustainably.

Mr. Wohletz then went into more detail on the phases.



The first phase is probation. The board identifies deficiencies and then works with agencies to help agencies fix the deficiencies. The board also collects data to understand groundwater conditions to better help basins. Pumpers of groundwater report their extractions to the board, and the board can order investigations.

The board may require meters for groundwater pumpers to ensure that the data are high quality. And importantly, the statute requires that pumpers pay fees on their extractions for the board to recover its programmatic costs.

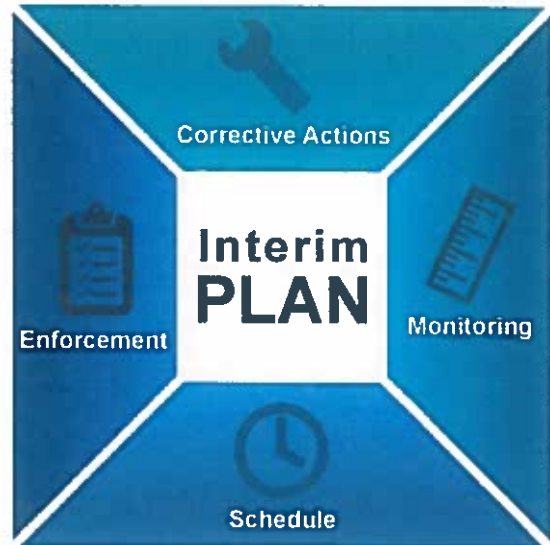
Hopefully, issues can be fixed during probation, and intervention can end. But if not, then the Board may move on to the second phase of intervention in which the Board implements an interim plan



Wohletz. "An interim plan is temporary. It is, like probation, meant to be a temporary tool that we use to help get a basin back on track so that it can resume local management. It's also not meant to replace a GSP. Local agencies continue to implement their GSPs, and so they continue to make progress on implementing their projects and management actions."

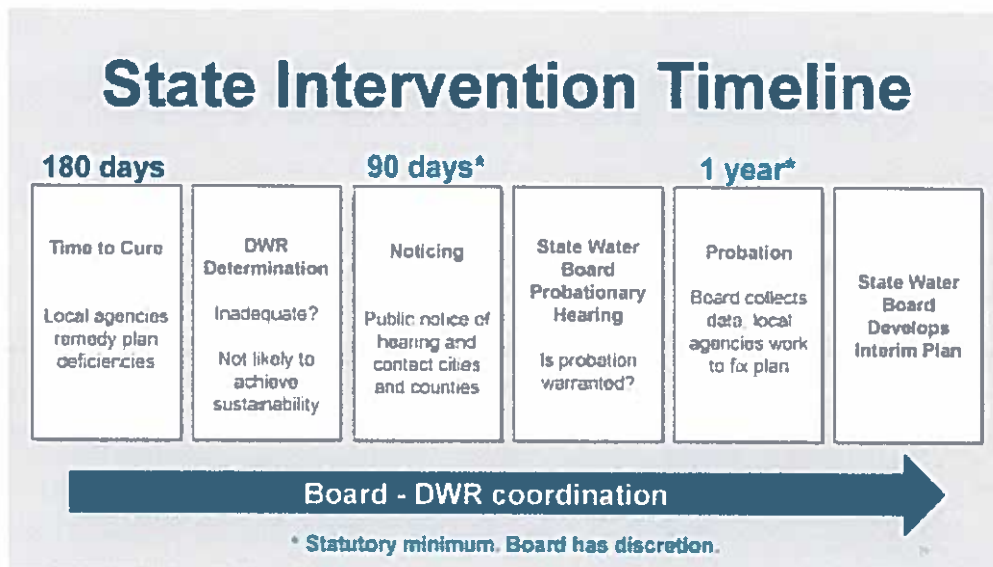
The interim plan has four main components:

- Corrective actions, both physical solutions (infrastructure) and demand management (pumping restrictions);
- monitoring;
- enforcement; and
- schedule.



"Because this is an interim temporary plan, and because GSAs will continue to implement their GSPs while this is happening, the board will likely lean more heavily on demand management – corrective actions like groundwater pumping restrictions," said Mr. Wohletz. "There are monitoring components to track how well corrective actions are working. There's a schedule component for implementing corrective actions. And there's an enforcement component to ensure that corrective actions are being implemented."

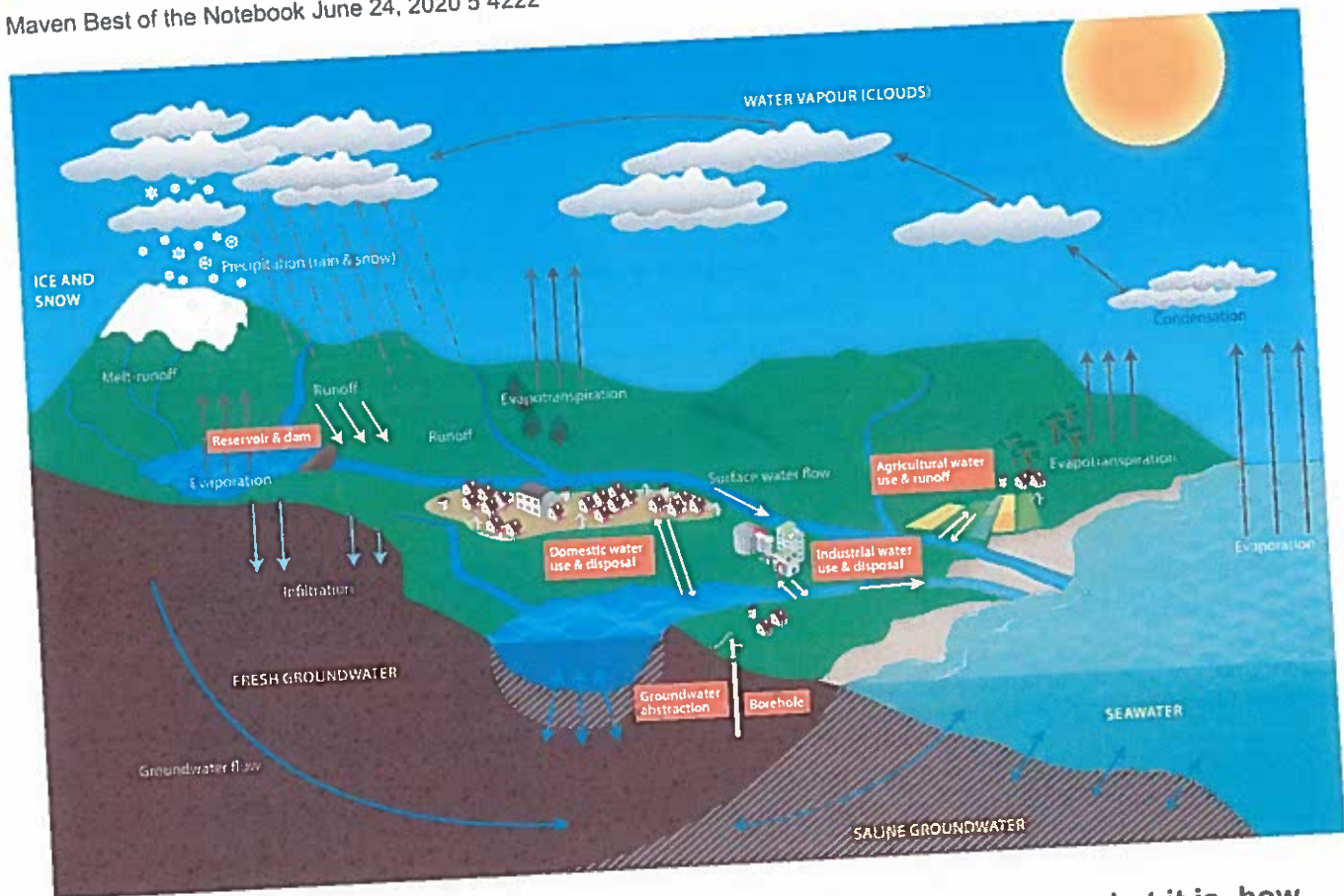
### Timeline for intervention



The slide shows the timeline for intervention. There are 12 basins whose plans were incomplete; those revised plans are due back to DWR at the end of July. At that time, if a plan is found to be inadequate, then the Board may consider placing the basin on probation.

Placing a basin into probation requires a probationary hearing and at least 90 days of noticing before that probationary hearing occurs.





Dr. Thomas Harter provides a basic understanding of groundwater – what it is, how much groundwater is out there, how fast groundwater moves, and where it comes from and where it goes

IN THIS POST ...

Dr. Thomas Harter provides a basic understanding of groundwater – what it is, how much groundwater is out there, how fast groundwater moves, and where it comes from and where it goes

GEOLOGY 101 IN 60 SECONDS

PERCHED WATER TABLES

AQUIFERS AND AQUITARDS

ARTESIAN WELLS

HOW MUCH WATER IS IN AN AQUIFER? POROSITY, SPECIFIC RETENTION, AND SPECIFIC YIELD

WHERE DOES GROUNDWATER FLOW?

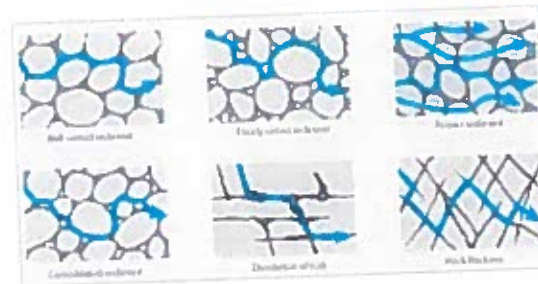
HOW FAST DOES GROUNDWATER FLOW?

WHERE DOES GROUNDWATER COME FROM AND WHERE DOES IT GO?

Nationwide, groundwater makes up on average 26% of the water supply. In California, that number is significantly higher – groundwater provides nearly 40% of the water used by California's farms and cities, and significantly more in dry years. But what is groundwater? In this post based on the first segment of the UC Davis shortcourse on groundwater, Dr. Thomas Harter, who is the Robert M. Hagan Endowed Chair for Water Resources Management and Policy at the University of California, Davis as well as Professor and Cooperative Extension Specialist in the Department of Land, Air, and Water Resources (among many other things), provides a basic understanding of groundwater – what it is, how much groundwater is out there, how fast groundwater moves, and where it comes from and where it goes.

Dr. Harter began by likening a glass that was filled with red beans and water to groundwater. The water that's filling the spaces in between the beans is groundwater; the part of the beans that are above the water is called the unsaturated zone and the top of the water is the water table.

### Groundwater in Different Sediments and Rocks



From Harter and Hagan, Waterways & Sediment: A Practical Guide, University of California Agriculture and Natural Resources Publication 3447, 2010. All rights reserved. <http://www.cesars.ucdavis.edu>

Groundwater is the water that fills in the pore space between particles, gravels, and rock fractures that make up the earth. In the subsurface, where the pore space is completely filled with water, it is called groundwater; above where the pore spaces might be wet but not completely filled with water is called the unsaturated zone; and the boundary between the unsaturated zone and groundwater is called the water table.

The materials in the ground can have many different shapes and forms, such as loose materials with a lot of pore space, hard rocks that are fractured and filled with water, or even material that itself is porous and has a secondary porosity that also fills with water.

### GEOLOGY 101 IN 60 SECONDS

Since all groundwater moves in the subsurface, a little understanding of geology is helpful. The geology of the basin is made up of some of the materials shown on the slide.

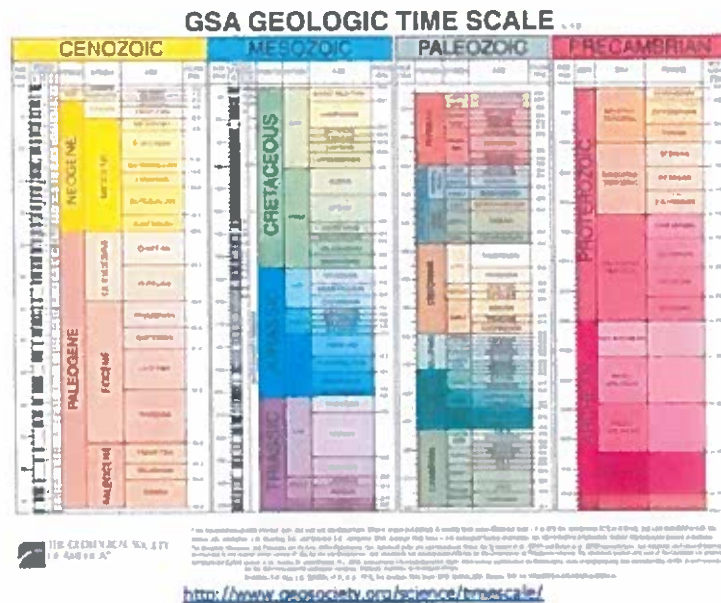
There is liquid magma deep in the subsurface where it's too hot for any water to be in liquid form. The magma cools down and forms rocks or comes up from below and forms volcanoes. The rocks and volcanoes become eroded, the material that settles down makes new sediments that get buried, and then become rocks themselves which are called

the subsurface, these rocks may actually reform into other rocks and minerals which are called metamorphic rocks.

The table shows the relation of the commonly used names for rocks to where they came from, what they are, and how they got there. For example, glaciers deposit sand, silts, and clays which are called till and outwash. Wind deposits fine silts and the loss and smaller sands which makes sand dunes. All of these sediments can get lithified as they are sitting in the ocean or sitting on the land and sand becomes sandstone, clay becomes shale, and a mix of gravel, sand, and silt becomes a conglomerate.

The oceans have chemical sediments, such as calcium carbonate which comprises limestone and dolomite and calcium sulfate which comprises gypsum. Igneous rocks form from the cooling of lava; granite is magma that's cooled underneath the land surface and basalt is magma that came to the surface as lava and cooled off very quickly. There are also the various metamorphic rocks that changes at depths, so for example, sandstone becomes quartzite, and shale becomes slate.

Geologists use geochronologic units to determine when rocks were deposited or were formed. These time eras are divided into large eras: the Cenozoic, the Mesozoic, the Paleozoic, and the Precambrian. The chart on the lower left shows the further divisions of those large eras.



The California map on the upper right shows the geology that's observed on the surface. There are many types of rocks that are from very old to very young in the volcanic regions up in the northeast part of the state. There are hard rocks that make up the mountains of the Coast Range, the Sierra Nevada, and the Cascade range and the other ranges in the basin and range province.

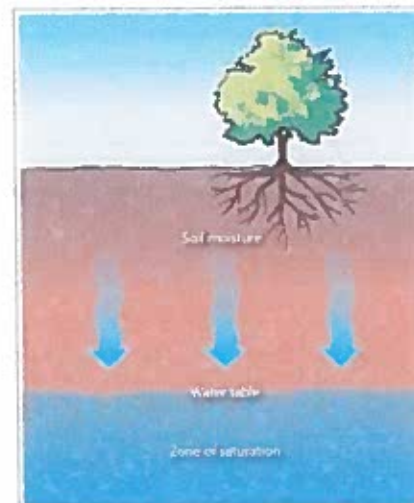
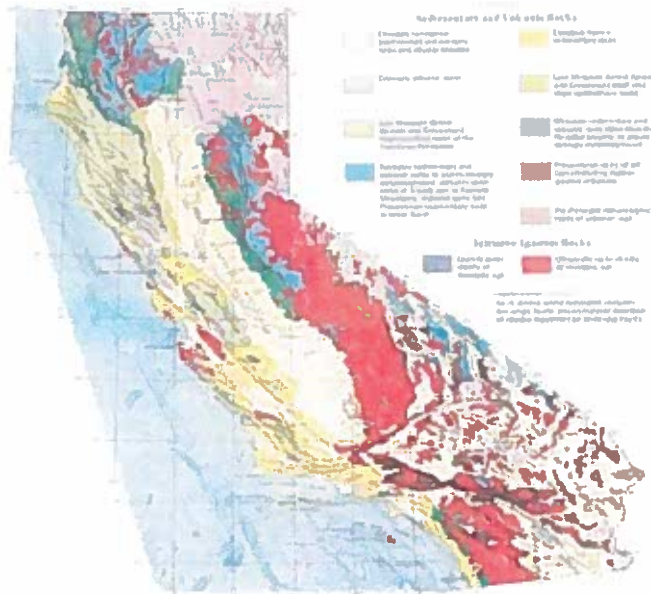
The areas shown in light yellow are alluvial sediments deposited mostly by rivers in more recent ages; often old marine sediments can be found underneath them. Alluvial sediments are generally found in the flat areas of California, Nevada, and Arizona; Dr. Harter describes these as sediments sitting in the bathtub with the bathtub walls being the mountains of



into various sizes of particles: gravel, sand, silt, and clay, the smallest being clay particles at .0001 inch and ranging all the way up to medium pieces of gravel as big as a half an inch.

The unsaturated zone that is where there is soil moisture but the pores are not completely filled with water; the groundwater is where all of these pores are fully saturated.

In an unconfined aquifer, that water table that separates the unsaturated zone or vadose zone from groundwater can freely move up and down; there is no restriction in the sediments. It's recharged from streams and from the rainfall that's not used by plants. It might discharge elsewhere into a stream, in which case it would be a gaining stream; if the water table is too low, the stream will discharge into the aquifer, in which case it would be a losing stream.



From Harter and Huber, *Waterbodies, Openwater, and Drinking Water - A Practical Guide*. University of California Agriculture and Natural Resources Publication 3487. 2009. <http://www.cnr.org/3487.aspx>

GW Harter 1 PPT\_Page\_16

## PERCHED WATER TABLES

A perched water table is groundwater that is separated from the main groundwater body by an unsaturated zone. It is typically recharged from the land surface from rainfall not used by the vegetation that percolates down until it hits a unit that's less permeable than the surrounding materials; water literally piles up on that unit because it can't move through fast enough as it's being recharged.

These perched water tables in many cases are relatively shallow, anywhere from a foot to five feet thick, and whether or not they can be used for economic purposes really depends on the local conditions, said Dr. Harter. Perched water tables aren't generally used for large production wells, but sometimes are used for domestic wells. He also noted that since perched water tables are generally shallow, they are the first groundwater encountered and therefore the most vulnerable to any contamination that's coming down from the surface.



**AQUIFERS AND AQUITARDS**

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Aquifers are geologic units that provide a significant amount of groundwater in the regional context; it is somewhat relative because some geologic units that are aquifers in one region might not be called an aquifer in another region as they might not actually be the most productive unit and instead act more as an aquitard, meaning a slower moving groundwater geologic body than what the actual aquifer would be in that region.

*"If you have a fine sand unit sandwiched between a lot of clays, the clays don't move a lot of water but the sand does move a lot of water, so that sand would be the aquifer," explained Dr. Harter. "But in another region, you might have that fine sand sandwiched between a lot of gravel which really moves water very fast, and the sand in that context becomes what we call an aquitard, which is something that actually makes water move slower relative to what would be called the aquifer there. So what is an aquifer is not tied to the particular material; it's really relative to the other material in your region. The more permeable material in your region is what we would call the aquifer."*

In California and other places, there are semi-confined aquifers which have portions which are unconfined with clays interspersed between the sands and gravels, which are the units that move most of the water, so it's sort of unconfined as well as sort of confined.

*"By confined, I mean there are aquifers that are sandwiched fully between an aquitard, like a clay unit here in gray at the top and another clay unit below the aquifer itself, which is shown in blue and is mostly sand and gravelly material," said Dr. Harter. "These are conditions that we find all around California and the Southwest where there are basins with alluvial sediments sitting in between mountain ranges, which are like bathtub walls and the bathtub itself is filled with these sediments. Then the sediments in turn are filled with water and so really that's what it all comes down to."*

## **ARTESIAN WELLS**

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An artesian aquifer is a confined aquifer that has groundwater surrounded by layers of impermeable rock or clay which apply positive pressure to the water contained within the aquifer.

If a well is sunk into an artesian aquifer, water would rise until equilibrium is reached; such a well is called an artesian well at least as long as the pressure remains. If the well is flowing for a long time, the pressure will go down and eventually the artesian well would be lost, unless there is more supply coming in.

## **HOW MUCH WATER IS IN AN AQUIFER? POROSITY, SPECIFIC RETENTION, AND SPECIFIC YIELD**

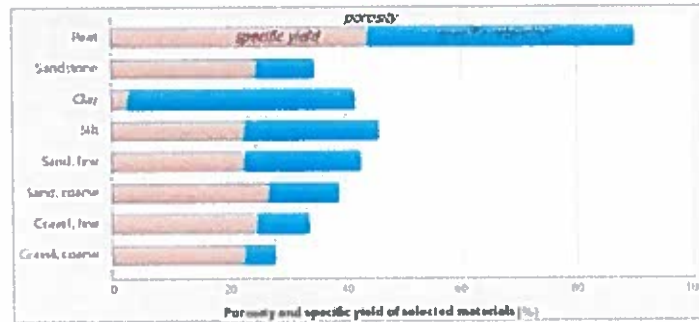
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How much water an aquifer can hold depends not on the total volume of the aquifer, but rather on the porosity of a material – the more pores, the more water. This porosity varies greatly between the different rocks and sediments that comprise the subsurface. The size

extracted or stored in the aquifer, how fast water can move through the pore space, and how contaminants are distributed in the subsurface.

Groundwater fills the entire pore space, but not all of the groundwater will be available to be pumped as some pores may be entirely isolated from other pores or rock fractures may be disconnected from each other. Groundwater that is available for domestic wells or irrigation water or that is flowing to a spring or providing base flow is the water that is flowing out of the connected pore spaces or connected fracture spaces. So the total pore space can be divided into effective porosity, which is the interconnected pore space, and isolated pores.

Porosity and Specific Yield



Effective porosity can be further divided into specific retention and specific yield. Specific retention is the amount of water remains as moisture in the sediments when the aquifer is drained. Specific yield is the amount of water that is available for pumping when sediments or rocks are drained out due to the lowering of groundwater near a well.

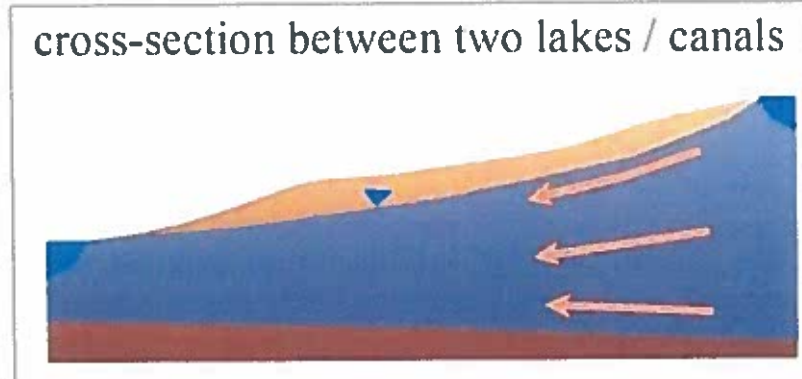
Specific retention and specific yield vary greatly for different materials. In a flowerpot, the potting soil is mainly peat soil so it's very porous; if you filled the flowerpot with water, a lot of water would come out the hole in the bottom of the pot; that's the specific yield, which is about 40% for peat. The amount of water left behind is the specific retention and is the water the plants will use until it is watered again. The specific retention is very high in peat soils and clay soils; in fact with clay, the specific retention is so much that the clay will yield very little, even though it has a lot of water.

*"Most of our aquifers in California are sand and gravel units which have a specific yield around 15-25%," said Dr. Harter. "The lower percentage is because they're all mixed in with clay and have relatively little specific retention; they are coarse and there's not much water held against gravity in these materials. So if I have an aquifer that has a total volume of a million acre-feet and if all of it was gravel, that means there would be about 300,000 acre-feet of water in that gravel. Maybe I can get 200-250,000 acre-feet out if I was to completely drain that aquifer. That's the meaning of the specific yield."*

## WHERE DOES GROUNDWATER FLOW?

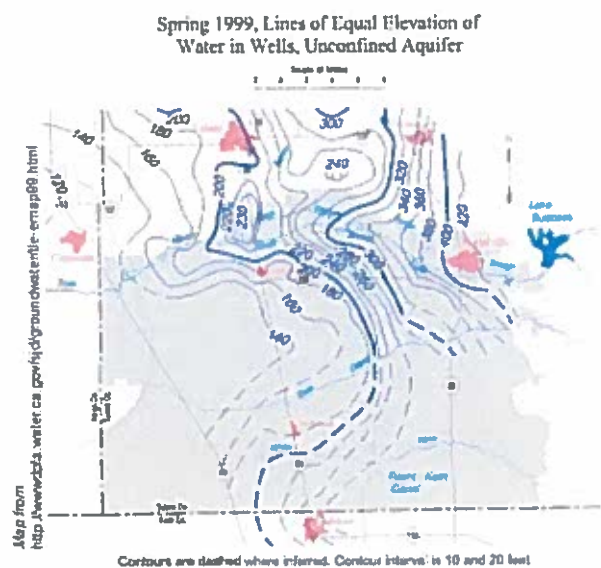
Groundwater moves from higher elevations to lower elevations and from areas of higher pressure to areas of lower pressure. Dr. Harter said that doesn't always mean downward. Water flows from a place with high pressure to a place with low pressure, and that can be

along the slope of the water table  
&  
from higher pressure to lower pressure:



He presented a map showing water levels in an unconfined aquifer shown at the upper right, noting that it is quite similar to a topographic map; the contour lines indicate all the places where water level is at that level.

*"Basically, these water level maps allow us to actually draw a direction in which water is moving and allows us to give an understanding of the direction of groundwater flow," he said. "Water level maps are really critical to understand regional groundwater flow. To make water level maps, we need a lot of water level measurements over time to understand what the dynamics are of this water table surface that then determines in which direction groundwater is flowing. So water level maps are critical to our understanding of the direction of groundwater flow."*

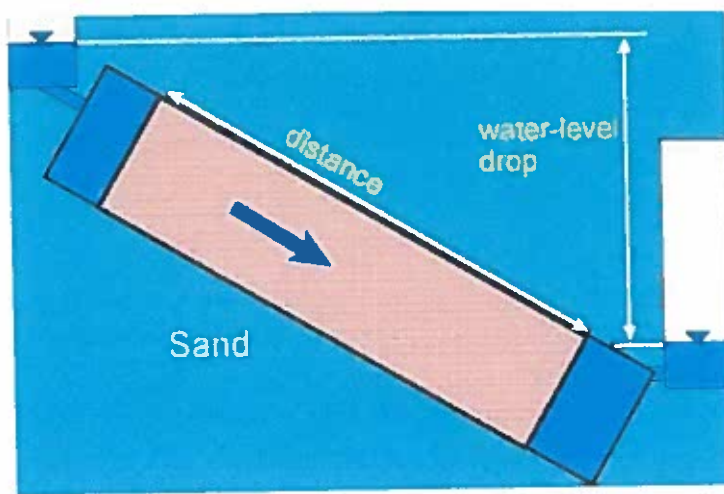


## HOW FAST DOES GROUNDWATER FLOW?

To answer the question of how fast groundwater flows, Dr. Harter gave a though experiment. Think of a lab experiment there is a column of sand, and at the top, there is a water beaker at the top with a constant water level, and at the bottom is a water beaker at the bottom where the water level is also kept constant by some sort of overflow mechanism (lower, left).

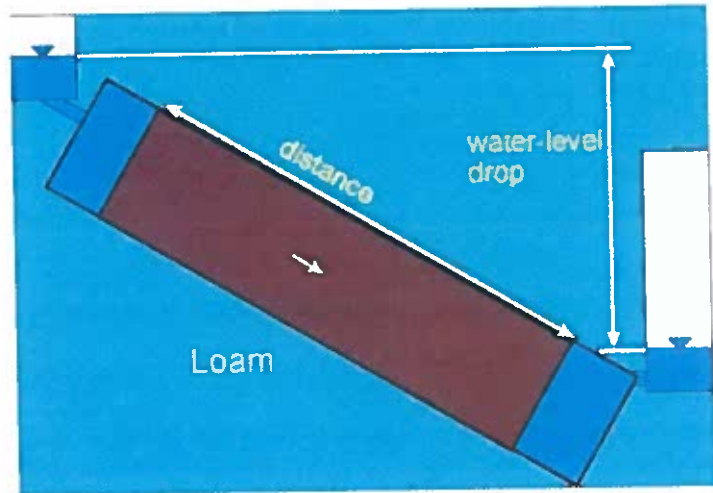
*"As a result of keeping the water level constant at the top and constant at the bottom, what we will observe is that water is going to flow through the sand at a certain velocity and you can measure that by looking at how much water is flowing out of this beaker on a continuous basis," he said.*





If instead of sand, it is filled with clay or loam (upper, right) which is a much finer material, there will still be water coming out but it will be much, much slower.

*"The material in this column is tighter and it's denser," he said. "There might be the same amount of pore space in there but the pores are much, much smaller so the water actually experiences a lot more friction and therefore comes out a lot slower. This capacity of a geologic material, in this case sand and loam, to transmit water is what we call the hydraulic conductivity. It is an intrinsic property of the geologic material through which groundwater is flowing."*



There is another factor in determining how fast groundwater flows. If, going back to the sand column, if the water level is raised on the downhill side, will the outflow on that side decrease or will it be the same as before?

*"Because the water level now is higher on this side than it was before, therefore the difference in water level between the inside part of the sand column and the outflow part of the sand column is less than it was before, and since the distance is less than it was in the previous experiments, I have less water flowing through, so my flow is going to be a function of both the hydraulic connectivity and the gradient of this water level," explained Dr. Harter. "The shallower the gradient between the pressure on one point and the pressure at another point, the slower the water, and in fact, if there is not gradient at all, even in sand or gravel, there is no water movement which is exactly why my water isn't moving from the left to the right in this cup, because at the top of the cup, the water level is flat and so there's no force that would move this water from the left side to the right side of this cup."*

pressure gradient times the hydraulic conductivity. Darcy's Law describes the fundamental relationship for understanding how fast and how much groundwater moves.

### How do we measure hydraulic conductivity?

- Estimate based on sediment type (gravel, sand, silt, clay, fractured rock)
- Measure on sediment/rock cores in laboratory
- Estimate from specific capacity of wells
- Measure using an aquifer test
- Estimate from groundwater models

In order to understand that, you need to have a lot of data on water levels in different places in the groundwater basin in order to understand the water level gradients and the pressure gradients, and you need to know the hydraulic connectivity of the materials making up the groundwater system. To measure hydraulic connectivity, the bore hole logs are used to determine the type of material; there are many tables that provide estimated hydraulic connectivities.

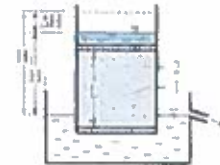
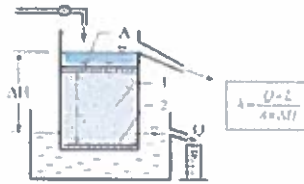
*"For example, the range for well sorted gravel is over two orders of magnitude; it's the same for sand," said Dr. Harter. "There are two orders of magnitudes between the low end and the high end of the range which means water could flow at a velocity of 10 feet per day or water could flow at a velocity of 1000 feet per day, based on the range of estimates given here."*

### Hydraulic Conductivity from Borehole Logs (Estimated)



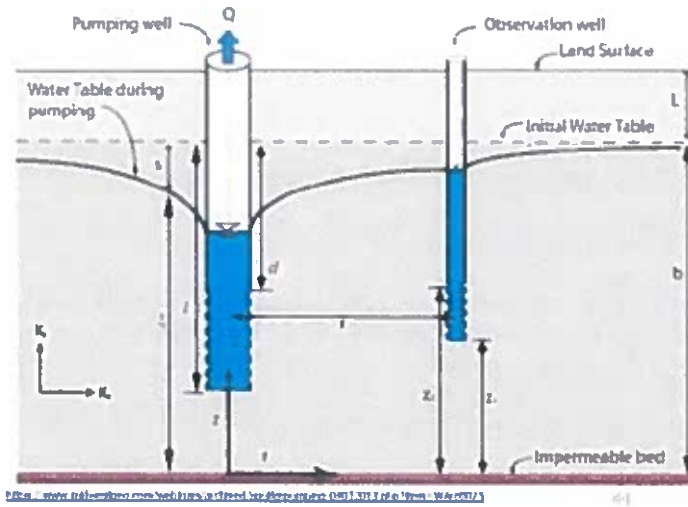
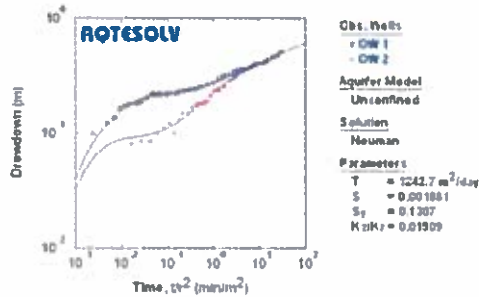
Constant Head Permeameter Test

Falling Head Permeameter Test



<http://www.farmington.gov/aquifer-testing-and-geophysical-monitoring-to-protect-aquifer>

## Aquifer Testing



“Sometimes we take our own material into the lab and we do exactly the kind of experiment that I just described,” he continued. “Or we may go out in the field and do what we call an aquifer test. In an aquifer test, we pump water in a well and we observe the change in water table in another well, and that change in water table can then be translated into a hydraulic connectivity and transmissivity, and also tell us something about how much water is stored in the groundwater.”

## WHERE DOES GROUNDWATER COME FROM AND WHERE DOES IT GO?

The water cycle, also known as the hydrologic cycle, describes the continuous movement of water on, above and below the surface of the Earth.

“The land surface is the grand separator and what we call the critical zone: the soil and the land surface, as that’s where a lot of water decisions in terms of what happens with that water that’s coming out of the precipitation,” said Dr. Harter. “Some of it will runoff, some of it will stay in the snow for the season, or maybe for many, many years in the form of glaciers,

*atmosphere, and some will percolate down to the water table. And that groundwater will flow then to the lowest point and eventually either discharge into a lake or a stream, or into an ocean."*

Dr. Harter pointed out that freshwater is actually only a very small portion – only about 2 ½% – of all the water on the earth's surface, and of that, the majority is held in ice caps and glaciers. However, groundwater is the other big part. Soil water, water in lakes, water in rivers – all the other water that's not in the ocean and not in groundwater is a tiny, tiny fraction, so groundwater in fact is a really big part of the hydrologic cycle, he said.

Dr. Harter then returned to his 'bathtub' analogy for California aquifers, noting that it doesn't apply to the volcanic areas in Northeastern California or some of the Northern Coastal Ranges. However, in most of California, the mountains are made up of hard rocks that are significantly less permeable, meaning they have a much lower hydraulic connectivity than the sediments that are sitting in the bathtub.

As the rivers flow out of the mountains, the water pours over the sandy and gravelly sediments typically found on the mountain front, and if there wasn't any water in the sediments, it would infiltrate into the subsurface and fill up the space in between the sediments. Also, some of the water is coming from precipitation that is not used by vegetation the infiltrates down to the water table. As the water table rises higher and higher, eventually the water table will rise to the surface at the lowest point in the basin, which is usually a river which has come out of the mountains and lost some of its water to groundwater and continued its journey to the valley floor and maybe to the next valley downstream or out to the ocean.

In the scenario on the slide, the aquifer has a flat gradient which means the water doesn't move, and so more water will continue to flow into the aquifer, which will empty into the river, and so naturally the water table follows the gradient of the landscape. Eventually, there is an equilibrium that establishes itself so that there is a balance between water coming in from mountain front recharge, the recharge from precipitation, and water coming out as discharge to the river or what is called the base flow of the river.

*"This is why we have water flowing in rivers in California a month after the last rain, two months after the last rain even if there's no upstream reservoir," said Dr. Harter. "It's this contribution of groundwater as even though is no more water coming in at the back perhaps, this water table is slowly draining itself, meaning the slope is very, very slowly getting flatter and flatter as water is moving back out to the stream under completely natural conditions."*

In the early 20<sup>th</sup> century, we started pumping groundwater; that created a cone of depression which is essentially the lowering of the water table that happens near a well during pumping.

*"The reason why it's a cone, it's very easy to understand when you think about Darcy's Law which says that the velocity with which water flows is equal to the hydraulic conductivity and the pressure gradient, so steep pressure gradient fast, shallow pressure gradient slow," said*

*order to make water as it gets closer to the well flow faster, the hydraulic connectivity is not going to change; the only thing that can change is the slope of the gradient, so the closer to the well, the steeper the gradient in order to make that water flow faster and faster as that circle becomes smaller and smaller which represents the cross sectional area through which water flows."*

A lot of water is pumped during the summer for irrigation and to provide cities and domestic wells with water which develops cones of depression; over the winter, pumping is stopped or slowed and the aquifer is recharged. Often, it goes back and forth, and under ideal conditions, that doesn't change, he said. However, in a lot of places in California, more water is taken out in the summer than is recharged in the winter and as a result, the cone of depression gets deeper and deeper. Rivers get disconnected from the water table, and instead of being gaining rivers, they become losing rivers and that creates the situation known as overdraft.

Dr. Harter pointed out that the groundwater pumping and resulting cones of depression doesn't mean there isn't a change to the river because the water that is pumped out is water that's not going to a river.

*"There's always a relationship and an influence of this pumping on the river that would have otherwise received that water, or it could be riparian vegetation or it could be a wetland."*

## **Resolution No. 22-10**

### **A Resolution of the Board of Directors of The Castroville Community Services District Continuing Board of Directors Authority to Hold Virtual Meetings Pursuant to AB 361**

**WHEREAS**, on March 4, 2020, Governor Gavin Newsom declared a statewide emergency arising from the coronavirus (COVID-19); and

**WHEREAS**, on March 17, 2020, Governor Newsom issued Executive Order N-29-20 suspending certain provisions of the Brown Act pertaining to teleconferenced meetings; and

**WHEREAS**, on June 11, 2021, Governor Newsom issued Executive Order N-08-21 which indicated that Executive Order N-29-20's authorization for holding virtual meetings would expire on September 30, 2021; and

**WHEREAS**, on September 16, 2021, Governor Newsom signed AB 361 (Rivas) as urgency legislation effective immediately, which provides that legislative bodies may continue to meet remotely during a declared State of Emergency subject to certain conditions; and

**WHEREAS**, AB 361 amends the Brown Act (Government Code section 54953) to add the following provision:

(e)(1) A local agency may use teleconferencing without complying with the requirements of paragraph (3) of subdivision (b) if the legislative body complies with the requirements of paragraph (2) of this subdivision in any of the following circumstances:

(B) The legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees; and

**WHEREAS**, AB 361 amends the Brown Act (Government Code section 54953) to add the following provision:

(3) If a state of emergency remains active, or state or local officials have imposed or recommended measures to promote social distancing, in order to continue to teleconference without compliance with paragraph (3) of subdivision (b), the legislative body shall, not later than 30 days after teleconferencing for the first time pursuant to subparagraph (A), (B), or (C) of paragraph (1), and every 30 days thereafter, make the following findings by majority vote:

(A) The legislative body has reconsidered the circumstances of the state of emergency.

(B) Any of the following circumstances exist:

(C) The state of emergency continues to directly impact the ability of the members to meet safely in person.

**THEREFORE, BE IT RESOLVED** that the Board of Directors of the Castroville Community Services District finds that the Governor's March 4, 2020, declaration of a state of emergency due to the COVID-19 pandemic remains active.

**BE IT FURTHER RESOLVED**, the Board of Directors of the Castroville Community Services District finds that due to the state of emergency meeting in person would present imminent risks to the health or safety of attendees and/or the state of emergency continues to directly impact the ability of the members to meet safely in person for Board meetings and standing committee meetings due to the prevalence of the Delta variant of the COVID-19 virus, the indoor setting of meeting facilities, the potential presence of unvaccinated individuals attending meetings, the potential for noncompliance with mask wearing requirements, and desire to protect the health of immuno-compromised trustee(s), staff and the public.

**PASSED AND ADOPTED** by the Board of Directors, Castroville Community Services District, County of Monterey, State of California, on this 19<sup>th</sup> day of July 2022, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

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Secretary

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Board President

June 29, 2022

Eric Tynan, General Manager  
Castroville Community Services District  
11499 Geil Street  
Castroville, CA 95012

**Subject: Proposal for Professional Engineering Services – Castroville Sign Replacement – Construction Management and Inspection**

Dear Mr. Tynan:

Thank you for the opportunity to submit this proposal for Professional Engineering Services to prepare a Quality Management Plan and provide construction management and inspection services during the replacement of the Castroville sign over Highway 183 (Merritt Street) known as the Castroville Sign Project (Project) for the Castroville Community Services District (District). MNS Engineers, Inc. (MNS) offers our qualified team to provide professional services for this Project.

#### Project Understanding

The District is in the process of obtaining funding and meeting all the requirements of the CalTrans Cooperative Agreement 05-0408 (Agreement) for replacement of the existing historic Castroville sign, located at the intersection of Highway 183 (Merritt Street) and Preston Street. Under this Agreement the District is responsible for all design and construction requirements including construction contract administration, surveying/staking, underground utility location, inspection, quality assurance, record drawings, legal documents, and assuring regulatory compliance.

#### Project Scope of Work

MNS has developed the following scope of work to provide engineering services for Project. A brief description of tasks and responsibilities are described below.

##### Task 1 – Quality Management Plan

MNS will provide a construction Quality Management Plan (QMP) for the Project on behalf of the District as the implementing agency and submit to CalTrans for review and approval. The QMP will detail the quality policy, quality assurance plan implementation, deliverables quality control tracking, process for resolving disputes, radiation testing equipment safety requirements, and be subject to the CalTrans Quality Management Assessment (QMA) to ensure quality assurance results in accordance with applicable standards. The QMP will describe how construction material verification and workmanship inspections will be performed at manufacturing sources and the job site and provide these for review and approval by the State Materials Engineer. This task shall include all administrative requirements of the QMP throughout construction excluding site visits which are included in Task 2.

##### Task 2 – Resident Engineer and Construction Support

MNS will provide construction engineering support for the Project. Ryuun Ernst, PE, will serve as the Project Resident Engineer as required by the Agreement to be responsible for construction contract administration activities such as Change Orders, contract claims, and quarterly progress reports. The scope of work for the Resident Engineer assumes one Change Order, no contract claims, one progress report, and administrative time for CalTrans concurrence up to 8 hours total. Change Orders affecting public safety, public convenience, protected environmental resources, the preservation of property, all design and specification changes, and all major changes as defined in the CalTrans Construction Manual will receive written concurrence by CalTrans prior to implementation. All contract claims will be administered and processed per the requirements under Public Contract Code (PCC) Section 9204 and resolved per PCC Section 20104 and other applicable laws. Construction support will include on-site inspection and reporting associated with the QMP, Resident Engineer, and electrical inspector throughout a 2-month (45 working days) construction period including two half day (10 hours total) electrical inspector site inspections and one half day Resident Engineer or Construction Manager inspection per week (36 hours total).



Task 3 – Record Drawings and Documents

MNS will provide as-built plans, addenda, contract records, land survey data, and change orders including any CalTrans authorized changes per Section 2 and 3 of Chapter 17 in the Project Development Procedure Manual, the current CADD User’s Manual (Section 4.3), Plans Preparation Manual, and Caltrans practice. The as-built plan submittals will be in Microstation DGN format, version 8.0, and TIFF formats and include high accuracy locating and underground facilities data. The land survey documents include monument preservation documents and records of surveys prepared to satisfy the requirements of the California Land Surveyors Act (Business and Professions Code, Sections 8700 – 8805). Copies of survey documents and Records of Surveys filed in accordance with Business & Professions Code, Sections 8762 and 8771, will contain the County of Monterey filing information. This task includes all administrative duties of the entire MNS project team for the completion of all CalTrans required final Project closure deliverables (As-Built Plans and Record Documents).

Deliverables

The following deliverables will be submitted to the District over the course of this project:

- Quality Management Plan (QMP)
- Deliverables Quality Control Comments and Tracking
- Change Orders, contract claims, and quarterly progress report as required
- Inspection Reports
- As-Built Plans
- Record Documents (Addenda, contract records, land survey data, and Change Order documents)

Project Team

MNS has assembled a qualified team with the skills and expertise to bring this project to completion in line with the District’s goals and CalTrans Agreement. Paul Greenway, PE (G7ei), will serve as Project Manager. Nick Panofsky, PE, will serve as the Project Engineer. Ryuun Ernst, PE, will serve as the Construction Manager, Inspector, and Resident Engineer. Jeff Mitchum will serve as Electrical Inspector. Jordyn Doyle, PE, will serve as technical support for As-Built record drawings. Detailed resumes for individual team members are available upon request.

Compensation


MNS proposes to perform the services described herein for a not-to-exceed fee estimate of \$25,210. A breakdown by task is provided in the following table. A detailed fee proposal spreadsheet is available on request. All fees are in accordance with the current MNS On-Call Services Contract.

Task	Fee
Task 1 – Quality Management Plan	\$7,140
Task 2 – Resident Engineer and Construction Support	\$10,970
Task 3 – Record Drawings and Documents	\$7,100
<b>Total</b>	<b>\$25,210</b>

Closing

Thank you for the opportunity to submit this proposal. We are excited and look forward to working with the District. This proposal is valid for six (6) months from the date of submission. Please feel free to contact me with any questions you may have about our submittal at 408-435-5106 or rernst@mnsengineers.com. Thank you for your consideration.

Sincerely,  
MNS Engineers, Inc.



Ryuun Ernst, PE  
Senior Construction Manager



7/19/22



811 El Capitan Way, Ste 130 / San Luis Obispo CA 93401  
Ph. (805) 692-6921 / F. (805) 692-6931

July 6, 2022

Eric Tynan, General Manager  
Castroville Community Services District  
11499 Geil Street  
Castroville, CA 95012

**Subject: Proposal for Professional Engineering and Construction Management Services – Washington Sewer Trunk Line Bypass Final Design and Construction**

Dear Mr. Tynan:

Thank you for the opportunity to submit this proposal for Professional Engineering and Construction Management Services for final design and construction of the Washington Sewer Trunk Line Bypass Project (Project) for the Castroville Community Services District (District). MNS Engineers, Inc. (MNS) offers our qualified team to provide professional services for this Project.

**Project Understanding**

MNS recently completed 60% design documents for the Washington Sewer Trunk Line Bypass for a new 24-inch trunk sewer bypass main approximately 1,200 feet in length extending from the intersection of Washington Street and Merritt Street to the corner of Washington Street and Tembladera Street, then across undeveloped areas and under Highway 1 to the Monterey Regional Water Pollution Control Agency (MRWPCA) pump station located at the south end of Watsonville Road.

The District recently has received notice of award for a \$3.15M Small Community Funding Clean Water State Revolving Funding (CWSRF) grant for final design, permitting, and construction of the Project. It is our understanding the District would like to advance the Project to completion. MNS proposes to provide the following services to achieve this goal:

- Temporary Construction and Permanent Easement Acquisition Support
- Caltrans Encroachment Permit Acquisition
- Final Contract Document Preparation
- Engineering Support Services during Bidding and Construction
- Environmental Compliance Services During Construction
- Construction Management and Inspection
- Grant Compliance Support

Environmental permitting for the project will be completed under a separate agreement.

**Project Scope of Work**

MNS has tailored a scope of work to provide engineering services to bring the Project to completion. Proposed services include land acquisition support, final design, permitting support, engineering support during bidding and construction, grant compliance support, and construction management. A brief description of tasks and responsibilities are described below.

**Task 1 – Project Management, QA/QC, and Meetings**

This task includes Project Management, Quality Assurance/Quality Control (QA/QC), and Meetings associated with the detailed design of the Project.

**Subtask 1.1 – Project Management**

The Project Manager will provide ongoing coordination of the project team including the District and the MNS project team. He will also monitor the budget and serve as the main point of contact with the District. Frequent phone calls and e-mail updates will be sent from the MNS Project Manager to the District General Manager in order to keep the coordination open and up-to-date. The MNS Project Manager will submit monthly invoices with all supporting documentation in a format acceptable to the District.

The MNS Project Manager will be responsible for ensuring all deliverable deadlines are met, all internal quality control reviews are completed, and the final products meet the expectations of the District.

**Subtask 1.2 – Quality Assurance/Quality Control**

In accordance with MNS company policy, all deliverables, calculations, recommendations, and other documentation will be reviewed by an experienced engineer, not otherwise associated with the Project, prior to submittal to the District. Documents will be reviewed to ensure technical excellence, the goals and expectations of the District are being met, and conformance with applicable design checklists and standards. For this project, all deliverables and other items requiring quality control reviews will be reviewed by Tyler Hunt, PE.

**Subtask 1.3 – Meetings**

Over the course of the Project, MNS will facilitate and lead meetings and conference calls as required to move the Project forward and ensure the District is informed and in concurrence with the progress of the project. The Project Manager and the Design Lead, as well as additional staff, will attend meetings as appropriate.

We anticipate participating in bi-weekly meetings over the course of the Project which is anticipated to last for 18 months. We have budgeted to attend 40 meetings. All meetings are anticipated to be virtual.

Task 1 Deliverables

- Meeting Agendas and Meeting Minutes
- Monthly Invoices

Task 2 – Easement Acquisition Support

MNS will support acquisition of three permanent easements for the project, as well as three temporary construction easements for construction and long-term access for the proposed improvements.

**Subtask 2.1 – Easement Acquisition Support**

MNS subconsultant, Associated Right of Way Services, Inc. (AR/WS), will provide easement acquisition support. Support services include appraisals, and negotiation/acquisition support services. A detailed scope of work for AR/WS is provided as an attachment. MNS will coordinate and support the work as needed.

**Subtask 2.2 – Easement Plat Maps and Legal Descriptions**

MNS will prepare legal descriptions and plat maps documenting the proposed temporary and permanent easements.

Task 2 Deliverables

- Easement Acquisition Documents per AR/WS Scope of Work
- Legal Descriptions and Plat Maps

Task 3 – Final Contract Document Development

Utilizing the existing 60% design document as a basis, MNS will advance the design documents to 90% draft and Final. Each submittal will include plans, specifications, and engineer's opinion of probable cost of construction (PS&E) for the Project. MNS will be supported by our subconsultant, Staheli Trenchless Consultants, to provide detailed design support for the trenchless crossing below Highway 1.

The Project sheet list includes:

Sheet No.	Drawing No.	Description
1	G-1	Title Sheet, Location Map, Vicinity Map, and Sheet Index
2	G-2	Notes, Abbreviations, and Legend
3	G-3	Sheet Layout Plan and Survey Control
4	C-1	Sewer Alignment P&P – STA 9+50 to STA 15+00
5	C-2	Sewer Alignment P&P – STA 15+00 to STA 20+00
6	C-3	Sewer Alignment P&P – STA 20+00 to STA 24+00
7	C-4	Details 1
8	C-5	Details 2
9	C-6	Conceptual Bypass Plan
10	C-7	Erosion Control Plan

### Subtask 3.1 – 90% Design

MNS will coordinate with the District to review the 60% design documents. Following this review, we will update the plans as appropriate, develop technical specifications for the project using the District’s front end documents and CSI format technical specifications, and update the engineer’s opinion of probable cost of construction. The 90% PS&E documents will be submitted for District review.

### Subtask 3.2 – Final Design

Following the District’s review of the 90% design documents, receipt of all comments from permitting agencies, and completion of environmental permitting documents, MNS will revise the contract documents to final. The final plans will be suitable for public bid. The final bid documents will be stamped and signed by licensed engineers in the appropriate disciplines, registered in California.

### Task 3 Deliverables

- Easement Acquisition Documents per AR/WS Scope of Work
- Legal Descriptions and Plat Maps

### Task 4 – Permitting Support

MNS will assist the District to acquire encroachment permits from Caltrans and the County of Monterey (County) as described in the following sections.

#### Subtask 4.1 – Caltrans Encroachment Permit

MNS will apply for, and obtain an encroachment permit for construction of sewer main within Highway 1 and in Merritt Street (Hwy 183) from Caltrans. MNS will prepare the TR-0100 form and attach the required supporting documents including a Location Map and Traffic Control Plans and submit them to Caltrans District 5 Encroachment Permits Office for processing. We will assist the District to prepare the letter of authorization, encroachment permit applications and the applicable fees. It is expected that Caltrans will consider the current project as projects-funded-by-others using the Oversight Project (OP) process as the anticipated improvements within the State highway right-of-way is less than \$1 million. MNS will review and address comments from the Caltrans District 5 Permit Department and update the application package.

MNS proposes to communicate the schedule and funding deadlines to the Caltrans permit engineer at the beginning of the Project. The key to expedited reviews is to include all required documentation with the Encroachment Application and meet with Caltrans to explain the proposed improvements within the State right of way, the purpose and need of the Project as well as Project constraints. Our Project schedule allows for two rounds of reviews from Caltrans and a comment resolution meeting before the Encroachment Permit is issued.

We assume the District will pay all fees associated with the Caltrans permit application.

#### **Subtask 4.2 – County Encroachment Permit**

MNS will apply for, and obtain, an encroachment permit from the County for work within the County right-of-way, within Washington Street, and Watsonville Road. We will meet with the County to discuss the permit application and project constraints, prior to submittal of the permit application, and coordinate with the County to update the contract documents as needed to incorporate comments. We assume traffic control plans for work within the County rights-of-way will be the responsibility of the Contractor, and full road closure of Washington Street will be allowed.

We assume the District will pay all fees associated with the Caltrans permit application.

#### Task 4 Deliverables

- Caltrans Encroachment Permit and Supporting Applications Documents
- County Encroachment Permit and Supporting Application Documents

#### Task 5 – Engineering Support Services During Bidding

MNS will support the District through the bidding process. MNS will assist in advertising the Project and will maintain a Plan Holders List. MNS will lead an in-person pre-bid meeting, including preparation of an agenda and sign-in sheet. The pre-bid meeting will be attended by the Project Manager, Construction Manager, and Lead Engineer. During the advertisement period, MNS will prepare formal responses or addenda as appropriate to respond to questions forwarded to MNS by the District. MNS will issue addenda to Plan holders. We have assumed we will respond to up to six questions or prepare two addenda. We will prepare and submit conformed contract documents, if necessary, following the end of the bid period.

#### Task 5 Deliverables

- Responses to Requests for Information
- Addenda
- Conformed Contract Documents

#### Task 6 – Engineering Support Services During Construction

Our staff will support the District through the construction process as described in the following subtasks.

##### **Subtask 6.1 Construction Meetings**

MNS' Project Manager and Project Engineer will attend the pre-construction meeting. We have also budgeted for the MNS Project Engineer to attend up to 20 meetings during construction.

##### **Subtask 6.2 Submittal Review**

MNS will review the contractor's shop drawings and submittals for conformance with the project drawings and specifications. For the purpose of budgeting, we have assumed 14 submittals with four requiring re-submittal. We will prepare a Shop Drawing Review Letter (SDRL) for each submittal and maintain a Submittal Log. We have assumed all submittals and SDRLs will be transmitted electronically.

##### **Subtask 6.3 Respond to RFIs/RFCs**

MNS will prepare responses to requests for information/clarification (RFI/RFCs) forwarded by the District from the contractor, or develop recommendations based on changed field conditions. We have assumed responses will be prepared for a total of 5 RFIs/RFCs.

##### **Subtask 6.4 Record Drawings**

MNS will prepare record drawings based on a single consolidated set of District and contractor red-line drawings provided by the District. Record drawings will be prepared using the latest version of AutoCAD and will be transmitted to the District within three weeks of receipt of red-line drawings. We will provide electronic versions of the record drawings in both AutoCAD and Adobe PDF format.

#### Task 6 Deliverables

- SDRLs
- Responses to RFIs/RFCs
- Record drawings

#### Task 7 – Grant Administration

MNS will assign a Grant Manager to provide oversight of all post-award grant management tasks as described in the following subtasks. The Grant Manager will ensure proper and effective communications with contacts at the SWRCB Division of Financial Assistance (DFA). The Grant Manager will adhere to quality assurance/quality control standards for all work products to the satisfaction of the District and the DFA.

##### **Subtask 7.1 Disbursement Requests**

The Grant Manager will review all project invoices and prepare quarterly or periodic disbursement requests and will ensure their accuracy to submit the disbursement requests to the DFA.

##### **Subtask 7.2 Progress Reports**

The Grant Manager will prepare quarterly or periodic progress reports to submit to the DFA as required by program guidelines and the SWRCB agreement. The Grant Manager will ensure thoroughness of periodic progress report content before submitting progress reports to the DFA.

##### **Subtask 7.3 As-Needed Reports**

The Grant Manager will prepare any as-needed reports, data, and information reasonably required by the DFA, including but not limited to material necessary or appropriate for evaluation of the funding program or to fulfill any reporting requirements of the State or federal government.

##### **Subtask 7.4 Project Completion Report**

Upon project completion, the Grant Manager will prepare a project completion report to submit to the DFA as required by program guidelines and the SWRCB agreement. The Grant will ensure thoroughness of periodic progress report content.

##### **Subtask 7.5 As-Needed Compliance Consultation**

The Grant Manager will provide various as-needed reports to District with information, analysis, and recommendations regarding any questions on program and/or SWRCB agreement compliance through consultation internally and directly with DFA staff.

#### Task 7 Deliverables

- Disbursement Requests
- Progress Reports
- As-Needed Reports
- Project Completion Report

#### Task 8 – Environmental Compliance

MNS is currently contracting with Rincon Consultants, Inc. (Rincon) under a separate agreement, to prepare an environmental document in support of the project, in conformance with the requirements of the Clean Water State Revolving Fund (CWSRF) Program. This includes environmental clearances and obtaining a Coastal Development Permit from the California Coastal Commission. An Initial Study-Mitigated Negative Declaration (IS-MND) will be the appropriate level of environmental documentation for the project.

Costs associated with complying with Project mitigation measures cannot be determined at this time. We have budgeted \$50,000 to provide environmental compliance support services and management during construction, which will be negotiated following completion of the environmental document.

#### Task 9 – Construction Management

MNS will provide engineering and project management services during construction, as well as complete contract administration, construction management, and inspection for the duration of the project. For the purposes of this proposal, we have assumed a 4-month construction period. MNS staff will support the District through the construction processes as described in the following subtasks.

##### **Subtask 9.1 Construction Meetings and Administration**

The MNS Construction Manager will lead the Pre-construction Meeting, as well as weekly construction meetings with the Contractor through the duration of construction. MNS has also budgeted under this subtask for the MNS Construction Manager to attend up to 10 additional video conference meetings during construction. These bi-weekly meetings will address the schedule, scope changes, submittals, safety, on-site coordination, and logistics issues. MNS will proactively coordinate with District staff to receive their input; address their concerns; obtain District concurrence on project sequencing plan, cost, or schedule changes to ensure continuity of sewer system operations and keep them informed of project status.

MNS will provide contract administration services as required to maintain accurate documentation of the construction and monthly progress payments. It is our intent to support the District by maintaining MNS staff availability throughout the construction process for this Project. Project records and documentation will be available to all members of the Project team. MNS will lead weekly construction meetings with the Contractor to review the one month look ahead schedule with the team, and discuss other on-going construction topics. The overall project schedule and budget will be discussed along with the review of the monthly invoices, submittals, RFI's, and Contract Change Order (CCO) logs.

The MNS Construction Manager will act as the point of contact between the Contractor, design team and District staff during the construction phase of the work. Timely, accurate and relevant information will be communicated to all key stake holders as a basis for decision making, using the latest project information.

##### **Subtask 9.2 Construction Inspection**

MNS will provide on-site inspectors as needed for the construction operations. The inspector's primary duties will be to inspect and verify work in place meets the requirements of the contract plans and specifications. Responsibilities include:

- Inspection Reports
- Photo record maintenance
- Record drawing maintenance
- Verification of material and equipment
- Quality assurance

We have scheduled full time inspection for 4 months for this Project totaling 688 hours. Actual inspection time will be dictated by the Contractor's schedule and operations and the ability of the District to provide supplemental inspections. The Contractor will be responsible for coordinating 3rd party materials inspection and testing services to demonstrate material compliance with District standards.

Inspection reports will detail weather conditions, status of work, and the location and type of work performed by the Contractor. Inspection reports will include documentation of the craft labor, equipment, materials, site visitors, and any scope changes or field modifications necessary.

##### **Subtask 9.3 Labor Compliance**

MNS has subcontracted with 360PSM to provide comprehensive labor compliance monitoring and documentation throughout construction for all contractors and subcontractors in accordance with local, State, and Federal requirements. This service includes tasks such as participation in the pre-construction meeting, certified payroll, field employee interviews,



trade and apprenticeship requirement verification, investigations, complaints, and wage underpayment and restitution activities. A copy of 360PSM's Proposal for Labor Compliance Services is provided as an attachment.

#### **Subtask 9.4 Project Closeout**

MNS will provide the following services at Project Closeout:

**Final Job Walk and Punch List Preparation:** MNS' Construction Manager will attend a final on-site job walk in the presence of the District prior to the completion of construction. The Construction Manager will administer the specifications' final acceptance requirements and develop a deficiency list (Punch List) for the work performed, notify the Contractor, and re-inspect the completed work. MNS's scope includes one inspection and one final inspection for a total of 2 inspections for completion of all Punch List items and final Project Closeout.

Based on the results of the Punch List, MNS will make a written recommendation to the District to accept the completed work following the completion of Punch List items.

**Review Contractor's Redlines:** It is assumed the Contractor will be responsible for documenting all variations from the contract documents and will provide that information to MNS on a single official project redlined plan set, maintained during project construction. The MNS Construction Manager will verify the Contractor's redlined drawings are maintained to reflect the installed conditions at the site.

**Closeout:** Upon satisfactory completion of all contract work, we will perform a final inspection, compile final invoices, assemble and submit contract closeout packages, prepare project closeout files and reports, and recommend final acceptance of the Project.

We have assumed a total of twenty four (24) hours to complete tasks included in the project closeout; no additional budget is allocated to this task.

#### Task 9 Deliverables

- Construction Inspection reports developed by MNS Inspections as noted above will be furnished to the District via Microsoft Office based electronic software including Excel and Word software customized for the project.
- Punch lists
- Recommendation to Accept Completed Work
- Project Completion Documents

#### Project Team

MNS has assembled a qualified team with the skills and expertise to bring this project to completion in line with the District's goals. Detailed resumes for individual team members are available upon request. Project roles and responsibilities will be as follows:

- Project Manager – Paul Greenway, PE
- Design Lead – Nick Panofsky
- Survey Lead – Shane Sobeki, EIT, PLS
- Trenchless Design Support – Staheli Trenchless
- Caltrans Permitting Support – Martha Dadala, PE
- Right-of-way Acquisition Support – Associated Right of Way Services
- Grant Administration – Greg Jaquez, PE
- Construction Management Lead – Ryuun Ernst, PE

Additional staff will be utilized on an as-needed basis to complete the work as described herein.

#### Assumptions:

- MNS will not be required to obtain a Coastal Development Permit from the California Coastal Commission.

- The Contractor is responsible for project safety, traffic control, and daily cleanup. MNS field staff will review the site and notify the Contractor of unsafe conditions or unsatisfactory daily cleanup or traffic control observed and verify the safety, traffic, and cleanup concerns have been properly addressed.
- MNS has assumed that all Construction work will be performed during normal work hours. No overtime for holidays or weekends is included.
- All permit fees shall be paid by the District.
- The Contractor will be responsible for all 3rd party materials testing company costs.

### Compensation

MNS proposes to perform the services described herein for a not-to-exceed fee estimate of \$498,141. A breakdown by task is provided in the following table. A detailed fee proposal spreadsheet is provided as an attachment. All fees are in accordance with the MNS Standard Fee Schedule, also included as an attachment.

Task	Fee
Task 1 – Project Management, QA/QC, and Meetings	\$45,751
Task 2 – Easement Acquisition Support	\$53,350
Task 3 – Final Construction Document Development	\$49,661
Task 4 – Permitting Support	\$29,915
Task 5 – Engineering Support Services During Bidding	\$12,195
Task 6 – Engineering Support Services During Construction	\$35,584
Task 7 – Grant Administration	\$21,085
Task 8 – Environmental Compliance	\$50,000
Task 9 – Construction Management	\$201,600
<b>Total</b>	<b>\$498,141</b>

### Schedule

MNS will maintain continual forward progress to advance the project through land acquisition, permitting, design, and construction. Due to unknown scheduling constraints associated with land acquisition and permitting, a firm schedule cannot be provided. MNS will keep the District up to date with progress of the work.

### Closing

Thank you for the opportunity to submit this proposal. We are excited and look forward to working with the District. This proposal is valid for six (6) months from the date of submission. Please feel free to contact me with any questions you may have about our submittal at 805.722.2734 or npanofsky@mnsengineers.com. Thank you for your consideration.

Sincerely,  
MNS Engineers, Inc.



Nick Panofsky, PE  
Lead Engineer  
Attachments:  
MNS Fee Schedule  
MNS Fee Spreadsheet  
AR/WS Proposal  
Staheli Trenchless Proposal  
360PSM Proposal



## 2022 STANDARD SCHEDULE OF FEES

### PROJECT/PROGRAM MANAGEMENT

Principal-In-Charge.....	\$320
Senior Project/Program Manager.....	295
Project/Program Manager.....	255
Assistant Project/Program Manager.....	215
Senior Project Coordinator.....	175
Project Coordinator.....	145

### ENGINEERING

Principal Engineer.....	\$280
Lead Engineer.....	245
Supervising Engineer.....	235
Senior Project Engineer.....	220
Project Engineer.....	200
Associate Engineer.....	180
Assistant Engineer.....	165

### SURVEYING

Principal Surveyor.....	\$260
Lead Surveyor.....	250
Supervising Surveyor.....	215
Senior Project Surveyor.....	195
Project Surveyor.....	170
Senior Land Title Analyst.....	165
Associate Project Surveyor.....	160
Assistant Project Surveyor.....	145
Party Chief (PW).....	170
Chainperson (PW).....	150
One-Person Survey Crew (PW).....	210

### CONSTRUCTION MANAGEMENT

Principal Construction Manager.....	\$305
Senior Construction Manager.....	275
Senior Resident Engineer.....	265
Resident Engineer.....	240
Structure Representative.....	235
Construction Manager.....	210
Assistant Resident Engineer.....	195
Sr. Construction Inspector (PW).....	177
Construction Inspector (PW).....	168
Office Administrator.....	130

### TECHNICAL SUPPORT

CADD Manager.....	\$195
Supervising Technician.....	165
Senior Technician.....	155
Engineering Technician.....	125

### ADMINISTRATIVE SUPPORT

Senior Management Analyst.....	\$180
Management Analyst.....	155
IT Technician.....	135
Graphics/Visualization Specialist.....	120
Administrative Assistant.....	95

### GOVERNMENT SERVICES

City Engineer.....	\$240
Deputy City Engineer.....	215
Assistant City Engineer.....	205
Plan Check Engineer.....	190
Permit Engineer.....	180
City Inspector.....	150
Senior City Inspector (PW).....	177
City Inspector (PW).....	168
Principal Stormwater Specialist.....	175
Senior Stormwater Specialist.....	165
Stormwater Specialist.....	155
Stormwater Technician.....	140
Building Official.....	215
Senior Building Inspector.....	190
Building Inspector.....	160
Planning Director.....	215
Senior City Planner.....	190
Assistant Planner.....	160
Senior Grant Writer.....	175
Grant Writer.....	165
Grant Associate.....	145
Grant Assistant.....	125

### DIRECT EXPENSES

Use of outside consultants as well as copies, blueprints, survey stakes, monuments, computer plots, telephone, travel (out of area) and all similar charges directly connected with the work will be charged at cost plus fifteen percent (15%). Mileage will be charged at the current federal mileage reimbursement rate. Expert Witness services will be charged at three (3) times listed rate.

### PREVAILING WAGE RATES

Rates shown with Prevailing Wage "(PW)" annotation are used for field work on projects subject to federal or state prevailing wage law and are subject to increases per DIR.

### ANNUAL ESCALATION

Standard fee rates provided for each classification are subject to an annual escalation increase of 3.5% starting January 1, 2023.

### OVERTIME

Overtime for non-exempt employees will be charged at 1.5 x hourly rate; overtime for exempt employees and other classification will be charged at 1 x hourly rate.

Castroville Community Services District  
 Washington Sewer Trunk Line Bypass Final Design and Construction



		ENGINEERING									SURVEYING		DESIGN SUPPORT	SUPPORT	G7
		Lead Engineer (Panojsky)	Lead Engineer (Hunt)	Project Engineer (Busby)	Principal Engineer (Dadala)	Senior Project Engineer (Ng)	Project Engineer (Moya)	Project Manager (Jaquez)	Senior Management Analyst	Grant Assistant	Principal Surveyor - SS	Associate Project Surveyor	Senior Construction Manager	Administrative Analyst	Project Manager (Greenway)
2022 Rate		\$245	\$245	\$200	\$280	\$220	\$200	\$255	\$180	\$125	\$260	\$160	\$250	\$95	\$225
<b>1 – Project Management, Quality Assurance/Quality Control</b>	<b>Task 1</b>														
1.1 Project Management	Task 1.1	60											2	40	
1.2 Quality Assurance/Quality Control	Task 1.2		16												
1.3 Meetings	Task 1.3	30		4										30	
	Task 1 Subtotal	90	16	4	0	0	0	0	0	0	0	0	2	70	
<b>2 – Easement Acquisition Support</b>	<b>Task 2</b>														
2.1 Easement Acquisition Support	Task 2.1	24												8	
2.2 Easement Plat Maps and Legal Descriptions	Task 2.2									8	12				
	Task 2 Subtotal	24	0	0	0	0	0	0	0	8	12	0	0	8	
<b>3 – Final Contract Document Development</b>	<b>Task 3</b>														
3.1 90% Design	Task 3.1	40		72										8	
3.2 Final Design	Task 3.2	20		24											
	Task 3 Subtotal	60	0	96	0	0	0	0	0	0	0	0	0	8	
<b>4 – Permitting Support</b>	<b>Task 4</b>														
4.1 Caltrans Encroachment Permit	Task 4.1				15	42	45								
4.2 County Encroachment Permit	Task 4.2	4		20										4	
	Task 4 Subtotal	4	0	20	15	42	45	0	0	0	0	0	0	4	
<b>5 – Engineering Support Services During Bidding</b>	<b>Task 5</b>														
5.1 Engineering Support Services During Bidding	Task 5.1	20		24									4	4	
	Task 5 Subtotal	20	0	24	0	0	0	0	0	0	0	4	0	4	
<b>6 – Engineering Support Services During Construction</b>	<b>Task 6</b>														
6.1 Construction Meetings (17)	Task 6.1	18												8	
6.2 Submittal Review (18)	Task 6.2	10		24											
6.3 Respond to RFIs/RFCs (5)	Task 6.3	10		5											
6.4 Record Drawings	Task 6.4	4		8											
	Task 6 Subtotal	42	0	37	0	0	0	0	0	0	0	0	0	8	
<b>7 – Grant Administration</b>	<b>Task 7</b>														
7.1 Disbursement Requests	Task 7.1	1					3	6	24					4	
7.2 Progress Reports	Task 7.2	1					4	24						8	
7.3 As-Needed Reports	Task 7.3	1					2	8							
7.4 Project Completion Report	Task 7.4	1					2	12							
7.5 As-Needed Compliance Consultation	Task 7.5	1					2	8							
	Task 7 Subtotal	5	0	0	0	0	13	58	24	0	0	0	0	12	
<b>8 – Environmental Compliance</b>	<b>Task 8</b>														
8.1 Environmental Compliance	Task 8.1														
	Task 8 Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>9 – Construction Management</b>	<b>Task 9</b>														
9.1 Construction Meetings	Task 9.1												30		
9.2 Construction Inspection/Coordination	Task 9.2												688		
9.3 Labor Compliance	Task 9.3														
9.4 Project Closeout	Task 9.4												24		
	Task 9 Subtotal												742	0	
<b>Sub-Total</b>	<b>Hours</b>	245	16	181	15	42	45	13	58	24	8	12	746	2	
	<b>Cost</b>	\$60,025	\$3,920	\$36,200	\$4,200	\$9,240	\$9,000	\$3,315	\$10,440	\$3,000	\$2,080	\$1,920	\$186,500	\$190	\$25,650



06-30-2022

**Ryuun Ernst, PE**  
**Senior Construction Manager**  
MNS Engineers, Inc.  
Santa Barbara, CA  
Direct 805.456.3519 / Cell 805.896.9474

**Subject Proposal for Labor Compliance Monitoring Services for Castroville Washington Sewer Bypass Project**

Dear Ryuun,

**360PSM** is a Certified Woman Minority Business Enterprise (WMBE) founded in 2018. **360PSM** has the following certifications: State of California Certified Disadvantaged Business Enterprise (DBE #45909), California Small Business for Purpose of Public Works (SB-PW) certification (ID 2019749), and is registered with the State of California Department of Industrial Relations, Registration Number: PW-LR-1000653803

Supporting the **MNS Engineers** team will be Catalina Ferreto, President of **360PSM**. **360PSM** recently provided non-engineering support services on a Federally Funded infrastructure project and on a State of California funded infrastructure project. **360PSM** is committed to working with the **MNS Engineers** team on the **Castroville Washington Sewer Bypass Project**

**360PSM** will provide the following services

- **Labor Compliance**

We look forward to working with you and the other team members on this important project for **Castroville Washington Sewer Bypass Project**

The main point of contact for this project is Catalina Ferreto and she can be reached by phone at 831-500-1263 by mail 18110 Stonehaven Dr., Salinas, CA 93908 or via email at [Catalina@360PSM.com](mailto:Catalina@360PSM.com)

Catalina Ferreto  
**360PSM**  
President  
831-500-1263  
[Catalina@360PSM.com](mailto:Catalina@360PSM.com)

## **Project Understanding**

**MNS Engineers team interested in Professional Labor Compliance Monitoring Services for Washington Sewer Bypass Project.**

MNS recently completed 60% design documents for the Washington Sewer Trunk Line Bypass for a new 24-inch trunk sewer bypass main approximately 1,200 feet in length extending from the intersection of Washington Street and Merritt Street to the corner of Washington Street and Tembladera Street, then across undeveloped areas and under Highway 1 to the Monterey Regional Water Pollution Control Agency (MRWPCA) pump station located at the south end of Watsonville Road.

The District recently has received notice of award for a \$3.15M Small Community Funding Clean Water State Revolving Funding (CWSRF) grant for final design, permitting, and construction of the Project. It is our understanding the District would like to advance the Project to completion. MNS proposes to provide the following services to achieve this goal:

- Temporary Construction and Permanent Easement Acquisition Support
- Caltrans Encroachment Permit Acquisition
- Final Contract Document Preparation
- Engineering Support Services during Bidding and Construction
- Environmental Compliance Services During Construction
- Construction Management and Inspection
- Grant Compliance Support

## **Contractual Scope of Services**

**MNS Engineers** requested Labor compliance monitoring for the Project. **360PSM** proposes to perform the following services:

### **Labor Compliance Monitoring.**

1. Review contract provisions and labor compliance requirements with the project team.
2. Determine the specific labor standards and dates of effect for wages for the construction project
3. Set up and maintain all compliance files and documents relating to prevailing wage activities



4. Set up and maintain labor compliance files tracking the prime contractor and subcontractors.
5. Attend pre-construction meetings to discuss prevailing wage requirements with contractor and subcontractors.
6. Review Contractor's compliance with all State required postings such as the prevailing wage rates and EEO policies as well as the Contractor's Affirmative Action Plan.
7. Verify that certified payroll records are submitted by prime contractors and their subcontractors
8. Conduct Employee Field Interviews to confirm worker classification and wage rate of the project workforce conforms to the applicable contract provisions.
9. Reconcile Weekly Certified Payroll Reports (CPR) & supporting documentation with wage decision and employee field interviews. Perform continuous and timely monitoring reviews of CPRs and related submissions for compliance.
10. Review and verify Fringe Benefit Statements are consistent with the contract provisions and State of California requirements.
11. Monitor the submittal of Training Fund Contribution Reports.
12. Monitor workforce utilization reports to verify trade and apprenticeship participation.
13. Identify violations and investigate complaints of underpayment to workers.
14. Notify SANDIS regarding delinquent, uncertified, inaccurate and improperly completed payroll records and recommend appropriate corrective action for lack of strict compliance.

## Wage Underpayment and Restitution Activities

1. Identify wage underpayment through audits of payroll documents, during onsite employee interviews or by complaints filed by workers on the project.
2. Calculate and recommend to **MNS Engineers** the amount of wages that will be withheld from the contractor's payments/retention.





# 360PSM

3. Prepare documentation that list the week endings worked, the name of the worker, trade classification, number of hours worked, rate paid, correct prevailing wage rate and the amount due each worker. Prepare and submit documentation to **MNS Engineers**.
  
4. Document and file final resolutions



## Compensation

We have reviewed the contract documents and have developed an estimated the following fee for labor compliance and monitoring prevailing wages. This estimate is based on an average construction project, however, there are factors beyond our control such as the performance of the contractor to complete the work on time and the number of underpayment violations. If project services are needed beyond the project duration shown below, the fee would be extended at the following rate.

The estimated construction cost is \$3.15 M and the estimated Project Duration is 4 Months.

Description	Hours	Rate	Total
<b>Labor Compliance Monitoring Officer- Analyst</b>	64	\$125/hour	\$8,000.00
Field Interviews	48	\$125/hour	\$6,000.00
<b>Total:</b>			<b>\$14,000.00</b>

## Conclusion

We look forward working with you on this important project. Please contact Catalina Ferreto at (831)500-1263 or email [catalina@360psm.com](mailto:catalina@360psm.com)

Sincerely,

Catalina Ferreto  
President  
360PSM  
(831)500-1263  
[www.360psm.com](http://www.360psm.com)

**SCOPE OF WORK**

Associated Right of Way Services, Inc. (AR/WS) will provide right of way services to MNS Engineers, Inc. (Client) for the Castroville Community Services District's (District) Washington Sewer Line Bypass Project.

The subject properties are identified as:

NO.	APN	OWNER	ACQUISITION TYPE
1	030-141-022	Salvador Alvarez	Permanent Easement and TCE
2	030-141-023	Salvador Alvarez	Permanent Easement and TCE
3	133-143-016	Vegetable Ranches LLC	Permanent Easement and TCE

**ASSUMPTIONS:**

- Parcel Nos. 1 & 2 represent one larger parcel and will be included in one appraisal report.
- This project will not use federal funds.
- There are no impacts to existing buildings or structures, and only minor impacts to site improvements such as gravel and fencing.
- Acquisitions from Parcel Nos. 1 & 2 will not impact or require acquisition of any mobile homes.

**PROJECT MANAGEMENT – GENERAL CONSULTATION**

- Establish work process with Client and schedule, manage and coordinate all real estate functions.
- On-going consultation, meetings and recurring project management duties.
- Coordinate with Client, District, appraiser, property acquisition agent and legal counsel.
- Assistance with analyzing various courses of action. Work with Client and District to resolve problems and recommend solutions.
- Contract management, budget monitoring and control, and project reporting.
- Implementation and compliance with applicable state laws and regulations.
- Maintaining accurate records. Monitor work plan and work flow.

**DELIVERABLES**

- ✓ Project status report spreadsheets.

**APPRAISAL**

- Appraisals to be delivered to Client and District staff as directed.
- The initial appraisal budget assumes there are no damages to the subject remainder parcels due to the proposed acquisitions and/or the construction of the project. Should it be determined there are damages, additional services will be billed on an hourly basis following a discussion with the Client and amendment to our agreement.
- Appraisals to be prepared in accordance with California Eminent Domain Law, California Government Code Section 7260 et seq., and the Uniform Standards of Professional Appraisal Practice requirements, except as jurisdictionally exempt.
- The owner or a designated representative will be invited by the appraiser to accompany him/her during the inspection of the property.
- Appraisals to be prepared in an Appraisal Report format in accordance with Uniform Standards of Professional Appraisal Practice, Standard Rule 2-2.

- Appraisal is for the “Fair Market Value” of the property as per California Code of Civil Procedure, Section 1263.320.
- The appraiser will issue the necessary public acquisition informational brochure to all owners.
- The market value of the property taken will not include any increase or decrease in the value of the property that is attributable to any of the following:
  - The project for which the property is taken;
  - The eminent domain proceeding in which the property is taken;
  - Any preliminary actions of the acquiring authority relating to the taking of the property.
- If revisions are made to the property or assignment requirements during the appraisal process or upon completion of the report, appraisal time to address these revisions will be billed on an hourly basis in accordance with the AR/WS Fee Schedule. (Optional Service)

#### DELIVERABLES

- ✓ Draft Notice of Decision to Appraise for approval.
- ✓ Appraisal Report.

#### CLIENT/DISTRICT OBLIGATIONS

- Legal descriptions and plat maps.
- Design information and construction plans.
- Current title reports for each ownership.
- Environmental reports, if available.

#### NEGOTIATIONS / ACQUISITIONS

- AR/WS to prepare acquisition documents. Said documents include, but are not limited to: offer letter, appraisal summary statement and summary of the basis for just compensation, summary statement pertaining to the acquisition of real property or an interest therein, purchase agreement, deed, and public acquisition brochure. AR/WS will initiate and maintain individual acquisition files. All acquisition documents to receive District’s written approval as to form prior to use in the field.
- AR/WS will negotiate to acquire permanent easements and temporary construction easements as identified by the Client. We are assuming there will be negotiations with up to 2 property owners and no lessees.
- All discussions for the acquisition of property or an interest therein will be directed to result in the payment of just compensation.
- If settlement with owners is reached pursuant to the District approved appraisal or District approved administrative settlement, AR/WS will prepare a Memorandum of Settlement for transmittal to District, reviewing the issues. This memorandum will require District written approval before implementation of any settlement agreement.
- AR/WS will make every reasonable effort to acquire property on behalf of the District expeditiously through agreement with its owner and to avoid litigation. This may necessitate greater levels of effort in the negotiations phase and, where appropriate, should continue after eminent domain has been initiated. District will provide ongoing feedback to AR/WS as to authorization for settlements.
- AR/WS will establish a process of coordinating escrow closings and reviewing escrow instructions. Where there are escrow closings, preparation of escrow instructions will be completed by title company. Approval

of conditions of title and escrow instructions, including but not limited to, "subject to" title exceptions, will be done by District.

- If agreement with all owners cannot be reached, AR/WS will advise District that negotiations have reached an impasse. The District will consider scheduling of an action in eminent domain including the required public necessity hearing. AR/WS will provide condemnation support as needed and requested, budget allowing.

#### DELIVERABLES

- ✓ Draft Acquisition Documents for approval.
- ✓ Memorandum of Settlement and Signed Agreement (upon settlement).
- ✓ Notice that negotiations have reached an impasse (if needed).

#### CLIENT/DISTRICT OBLIGATIONS

- Written approval of all acquisition documents in a timely manner.
- Direction as to administrative settlements, negotiating authority and condition of title acceptance.
- Providing any formats to be used by AR/WS on District's behalf.
- Selection of title company.
- Review and approval of title company prepared escrow instructions.

## BUDGET ESTIMATE

TASKS	BUDGET
1. <u>Project Management</u> <i>(Time Charged)</i>	\$4,000
2. <u>Appraisal Services</u> <i>(Lump Sum)</i>	\$17,000
3. <u>Negotiation/Acquisition Services</u> <i>(Time Charged)</i>	\$15,000
<b>Total</b>	<b>\$36,000</b>

BUDGET NOTES

A budget of **\$36,000** is requested. Appraisal services are billed lump sum. All other services are billed on an hourly basis in conformance with the attached AR/WS Fee Schedule. Estimated costs are based on preliminary information. Variables not known on the date of this estimate or additional project information may impact scope and fees.



## AR/WS FEE SCHEDULE

CONSULTING CATEGORY	RATE
Principal Consultant	\$250.00
Managing Consultant	\$210.00
Consultant III	\$160.00
Consultant II	\$140.00
Consultant I	\$120.00
Right of Way Technician	\$95.00
Administrative Support	\$75.00
Appraisal Reports	Lump Sum
Appraiser III (MAI) (Hourly)	\$225.00
Appraiser II (Hourly)	\$205.00
Appraiser I (Hourly)	\$180.00
Subcontractors	Cost + 10%
Preparation for Court Appearances	\$300.00
Depositions, Court Appearances, Arbitrations / Mediations, Hearings, and Testimony	\$400.00

1. AR/WS estimated budget assumes timely assignment by Client of all appraisals, acquisition parcels and relocation cases. Deferring or “piece meal” assignments adds to level of effort and costs.
2. Client to provide written appraisal approval. Client to sign Offers of Just Compensation as reflected in the Appraisal Summary Statement(s). Client letterhead to be used for offers and significant correspondence, including Notices of Decision to Appraise and acquisition and relocation notices. Initiation of acquisition work assumes that Client has secured any required environmental certification as well as any federal or state approvals to begin right of way services.
3. All services to be provided pursuant to the Uniform Relocation Assistance and Real Property Acquisition Policies Act and applicable state and federal laws, related guidelines and regulations.
4. Client to provide adequate appraisal maps, plat maps, construction plans, mitigation measures, preliminary title reports, legal descriptions and deed sheets (*for easements*).
5. Unless noted otherwise, pre-acquisition activities for soliciting Permits to Enter for soils/testing/contract work, Rights of Entry, Agreements for Possession and Use are not included.
6. Except for appraisals, which are typically charged lump sum; this is a “time charged” contract in accordance with the AR/WS Fee Schedule. Material changes to the contracted Scope of Work after services begin will add to the original budget/contract amount. Material changes, for which AR/WS is not responsible, include, but are not limited to, addition of new parcels, schedule changes, new and revised legislation, regulations, statutes or ordinances by any public entity or legislature, extended negotiations, multiple vestings, title complications, relocation complications, hard to house households, unrecorded claims, extended site searches, eminent domain actions, design changes, revised or updated appraisals. This Agreement is not a guarantee of property rights requested or displacements completed for a fixed budget amount. Unless otherwise agreed, preparation for or attendance at depositions, relocation appeals, expert witness testimony or court appearances are not included in the budget.
7. Budget to be reviewed periodically. AR/WS may reapportion budget allocations among categories. Team composition may be adjusted by AR/WS.
8. Escrow costs and title reports shall be paid by Client. Escrow instructions to be prepared by Title Company with AR/WS coordination. Client to determine acceptable condition of title and what, if any, title exceptions to take “subject to”. AR/WS to assist and consult as requested.
9. Upon written notice from Client, AR/WS will suspend, delay, or interrupt all or a part of its services. In such event, AR/WS will resume services upon written notice from Client. An extension of time and added costs will be mutually agreed upon within a reasonable time following re-initiation of all or any part of services.
10. Client will give prompt notice to AR/WS whenever Client observes or becomes aware of any development that affects the scope or timing of AR/WS’ services, or any defect in the work of AR/WS.
11. Unless otherwise noted, preparation of Caltrans Right of Way Certification documents is not included in the Scope of Services.
12. AR/WS understands that construction and design plans are subject to some change. AR/WS will accommodate changes in the property requirements, including number or parcels, acquisitions and relocations. Changes in proposed acquisitions after appraisals have begun or negotiations/relocations have commenced will add time and expense to assignments. The parties acknowledge that such revisions may add to costs.
13. AR/WS reviews and adjusts billing rates and fees from time to time, generally as of January 1<sup>st</sup> of each year, but no more than once annually. Any rate adjustments will be reflected in the AR/WS monthly invoice.
14. Except for Client’s obligations to pay for services rendered, no liability will attach to either AR/WS or Client from delay in performance or non-performance caused by circumstances or events beyond the reasonable control of the party affected, including, but not limited to, acts of God, fire, flood, explosion, war, request or intervention of a governmental authority, court order, labor relations, accidents, unanticipated delays or inability to obtain materials, equipment, fuel or transportation.
15. Once AR/WS has completed an appraisal, the fee for that appraisal is due and payable upon Client’s receipt of invoice. If any formal or informal appraisal review requires additional appraisal services after AR/WS has completed an appraisal, these additional appraisal services will be billed on a time-charged basis in accordance with the AR/WS Fee Schedule.
16. AR/WS submits invoices on a monthly basis. If AR/WS is a sub-consultant to a prime consultant, that prime consultant agrees to bill its Client within thirty (30) calendar days of receipt of the AR/WS monthly invoice.



## Scope of Work

### **TASK 1 Contract Management and Project Coordination**

- 1.1 *Project Status Reporting*  
Includes contract management as required by administrative employees and oversight by the principal engineer. STC will provide a monthly progress report with invoice indicating activities during the previous reporting period, schedule, and budget.
- 1.2 *Coordination Meetings and Communication*  
Includes coordination with the project team during the course of the design work. This scope assumes up to 4 project meetings at 1 hour per meeting, with 1 STC attendee.
- 1.3 *Design Review Meetings*  
Includes coordination with client to review the design package. Assumes up to 1 design review meeting. 1 attendee at 2 hours for meeting and preparation.

### **TASK 2 Technical Feasibility**

- 2.1 *Evaluation of Geotechnical Conditions*  
STC will review available geotechnical data and geological reports related to the trenchless installation and incorporate information into the technical feasibility and design assessment.
- 2.2 *Site Visit*  
STC will plan for up to one site visit. This task includes mobilization from STC in Seattle, WA to the project site in Castroville, CA. STC will review the existing condition of the site, site constraints, site understanding.
- 2.3 *Technical Feasibility Assessment and Memorandum*  
STC will review the feasibility of using the trenchless method for installation of a steel casing beneath Highway 1, including evaluation of installation risks and mitigation methods to be implemented during design and construction. This task includes the development of a 2 to 4 page white paper documenting the basis of the trenchless technology evaluation and the recommended method of installation.

### **TASK 3 Engineering Design Deliverables**

- 3.1 *Drawings*  
STC will work with MNS to develop the Trenchless Plan/Profile drawings to be included in the Bid Package. This scope of work assumes up to 2 sets of plan/profile comments. The deliverable from STC will be a PDF markup provided to MNS drafters. Based upon the 30% plan sheet, this will include up to one (1) plan/profile sheet and relevant details. This scope of work assumes that CAD will be completed by MNS drafters.



3.2 *Trenchless Specification*

STC will develop a project-specific Trenchless specification, applicable to the selected trenchless technology. The specification will include the minimum equipment, work tracking, and performance requirements per the industry standard and as required specifically for this project. Further, the specifications will develop minimum criteria for installation practices and risk management. This scope of work assumes that STC will serve as the stamping engineer for up to one (1) Trenchless Specification. This scope of work assumes that ancillary specifications will be prepared and stamped by MNS.

3.3 *Engineering Calculations*

STC will complete relevant engineering calculations required for the basis of the trenchless design. Calculations are anticipated to include jacking load and pipe stress estimates and settlement estimates. Calculations will be provided as a PDF upon request.

3.4 *Permitting Support*

STC will be available to provide technical backup and analysis to respond to CalTrans reviewer comments upon request. Assume 2 hours of permitting support required.

All direct costs are billed at actual costs. Mileage is billed at current IRS business mileage allowance rates. All services specified in this scope are included in the fee estimate included at **Attachment A**. If services are required that are not included in this scope of work, please contact our office for an updated scope of work and fee estimate.

We look forward to working with you on this project. Please feel free to contact this office regarding any questions on the provided scope task items.

Kimberlie Staheli, Ph.D, PE,  
Principal Engineer

Jake Andresen, P.E.  
Project Engineer I



ATTACHMENT A

STAHELI TRENCHLESS CONSULTANTS							
Classification	Principal Engineer	Project Engineer	Admin Support	Total Hours	ODCs	Total Labor Cost	Project Assumptions
Hourly Rate	\$295.00	\$185.00	\$105.00				
<b>AND PROJECT COORDINATION</b>							
	4		4	8		\$1,600.00	Assumed Project Duration 4 months
Communication		4		4		\$740.00	Assume up to 4 project team coordination meetings. Assume 1 attendee at 1 hour per meeting
	2			2		\$590.00	Assume up to 1 design review meeting with project team/client. 1 attendee at 2 hours.
<b>Task 1 Totals:</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>12</b>		<b>\$2,930.00</b>	
<b>Operations</b>							
	4			4		\$1,180.00	Site Specific Geotechnical Borings/Understanding of Geotechnical Conditions by Others.
		6		6	\$610.00	\$1,720.00	Assume 1 day on site. Incoming and outgoing flight same day. Sea-Tac to San-Jose Airport.
Technology Choice	8	8		16		\$3,840.00	Selection of feasible method based upon feasibility assessment site conditions. Assumes development of a 2 to 4 page white paper detailing basis of trenchless technology decision.
<b>Task 2 Totals:</b>	<b>12</b>	<b>14</b>	<b>0</b>	<b>26</b>	<b>\$610.00</b>	<b>\$6,740.00</b>	
<b>OPERABLES</b>							
	2	8		10		\$2,070.00	CAD by others. PDF markups provided. Assume 2 rounds of Comments/Markups.
	2	8		10		\$2,070.00	Assume 1 specification stamped by STC. Assume example format/numbering template provided as .DOCX file.
	1	8		9		\$1,775.00	Calculations developed as applicable to the selected trenchless technology. Assume jacking force, casing stress, and settlement calculations included in this scope.
		2				\$370.00	STC available to respond to CalTrans reviewer comments on trenchless scope of work upon request.
<b>Task 3 Totals:</b>	<b>5</b>	<b>26</b>	<b>0</b>	<b>29</b>	<b>\$0.00</b>	<b>\$6,285.00</b>	
<b>Total</b>	<b>23</b>	<b>44</b>	<b>4</b>	<b>67</b>	<b>\$610.00</b>	<b>\$15,955.00</b>	



Fee Estimate

STAHOLI TRENCHLESS CONSULTANTS							
Classification:	Principal Engineer	Senior Engineer	Admin Support	Total Hours	Lump Sum	Total Labor	Project Assumptions
Hourly Rate:	\$295.00	\$200.00	\$105.00				
<b>5</b>							
	2	10		12		\$2,590.00	CAD by others. PDF markups provided. Assume 2 rounds of Comments/Markups.
	2	24		26		\$5,390.00	Assume 1 specification stamped by STC. Assume example format/numbering template provided as .DOCX file to STC by MNS. Assume MNS will provide specifications related to ancillary grouting, casing spacers, and carrier pipe.
	1	12		13		\$2,695.00	Calculations developed as applicable to the selected trenchless technology. Assume jacking force, casing stress, and settlement calculations included in this scope.
		2		2		\$400.00	STC available to respond to CalTrans reviewer comments on trenchless scope of work upon request.
	2			2		\$590.00	Assume up to 1 design review meeting with project team/client. 1 attendee at 2 hours.
	6		12	18		\$3,030.00	Assume 6 months
<b>Task 2 Totals:</b>	<b>13</b>	<b>48</b>	<b>12</b>	<b>73</b>	<b>\$0.00</b>	<b>\$14,695.00</b>	
<b>CONSTRUCTION</b>							
		2		2		\$400.00	Respond to bidder questions related to bidding
		15		15		\$3,000.00	Review submittals related to Trenchless Work. 5 submittals at 3 hours/review
		12		12		\$2,400.00	Review and develop responses to up to trenchless related 4 RFIs at 3 hours/RFI review and response assumed
		4		4		\$800.00	Teams meeting assumed. Attendance preparation and follow up.
		16		16	\$2,000.00	\$5,200.00	Assume 2 at \$2,600/ Site Visit
	8					\$2,360.00	
<b>Task 3 Totals:</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>47</b>	<b>\$2,000.00</b>	<b>\$14,160.00</b>	
<b>Total</b>	<b>29</b>	<b>68</b>	<b>16</b>	<b>113</b>	<b>\$2,000.00</b>	<b>\$28,855.00</b>	





# Invoice

ACWA JPIA  
P.O. Box 619082, Roseville, CA 95661  
800.231.5742 | [www.acwajpia.com](http://www.acwajpia.com)

TO: All Property Program Members

FROM: David deBernardi, Director of Finance

DATE: July 7, 2022

RE: 22-23 Property Program

The JPIA Executive Committee adopted a 20% increase in the Property Program rates effective for policy year July 1, 2022 through June 30, 2023. This increase was due to a hard market found in obtaining excess insurance. Please note that inflation factors have been applied to the Total Insured Values (TIV) of 7.5% for all buildings and fixed equipment, as well as 5% to personal property.

For any questions regarding the payment of this premium, please contact Shelley Tippit in the Accounts Receivable Department at (800) 231-5742 ext. 3162.

Member property schedules can now be found on the JPIA online portal. If you have any questions, please contact Member Services at (800) 231-5742 or e-mail at [member@acwajpia.com](mailto:member@acwajpia.com). Any unpaid portion that becomes more than 60 days past due will be subject to a 1% late fee each month.



**ACWA JPIA Property Program**  
**Renewal Billing Invoice**  
**For July 1, 2022 - June 30, 2023**  
 Invoice Date: July 7, 2022

**Member # C027 Invoice#: 0008943**  
 Castroville Community Services District  
 P.O. Box 1065  
 Castroville, CA 95012-1065

Basic Property	Total Value	Rate	Premium
A. Buildings Value	\$1,288,463 x	0.00122	\$1,571.92
B. Fixed Equipment Value	\$3,204,579 x	0.00122	\$3,909.59
C. Personal Property Value	\$144,939 x	0.00122	\$176.83
D. Business Interruption Value	\$0 x	0.00122	\$0.00

**Total Basic Premium** \$4,637,981 = **\$5,658.34**  
 Credit for \$1,000 Deductible Amount - **\$0.00**

**Mobile Equipment**

A. Mobile Equipment Value	\$12,000 x	0.001850 =	<b>\$22.20</b>
1. Replacement Cost Enhancement	Chosen: No		<b>\$0.00</b>

**Total Mobile Equipment Premium** = **\$22.20**  
 Credit for \$0 Deductible Amount - **\$0.00**

**Licensed Vehicle**

Comprehensive and Collision	Count	Total Value	Rate	Premium
1. All Other	8	\$581,471 x	0.010450 =	\$6,076.38
2. Light Truck	2	x	\$187.00 =	\$374.00
3. Passenger Car	1	x	\$160.00 =	\$160.00
4. SUV/Jeep	0	x	\$223.00 =	\$0.00
5. Van	0	x	\$185.00 =	\$0.00
6. Replacement Cost Enhancement	Chosen: No			<b>\$0.00</b>

**Total Vehicle Premium** = **\$6,610.38**  
 Credit for \$1,000 Deductible Amount - **\$661.04**

**Catastrophic Coverage**

Unscheduled Vehicle Value	Total Value	Rate	Premium
	\$0 x	0.001970 =	\$0.00

**Total Catastrophic Premium** = **\$0.00**  
 Credit for \$1,000 Deductible Amount - **\$0.00**

Sub Total = **\$11,629.88**

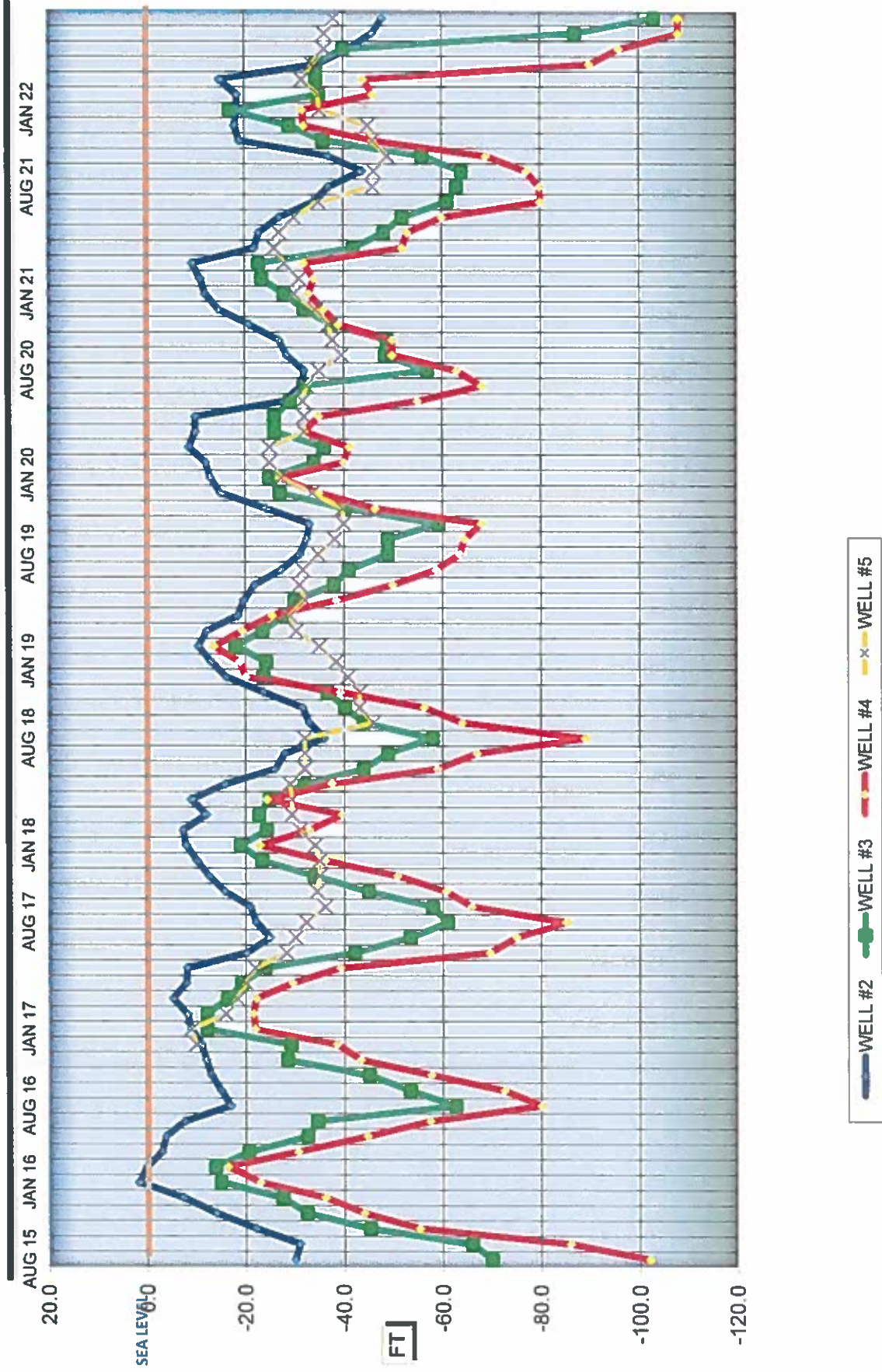
JPIA Multiple Program Discount (0.02%) - **\$232.60**

Premium Adjustment + **\$0.00**

**Total Deposit Premium** = **\$11,397.28**

**Any unpaid portion that becomes more than 60 days past due will be subject to a 1% late fee each month.**

# CASTROVILLE WELL LEVELS 2015-2022



# Action Plan

## Castroville Community Services District Asset Management and Maintenance Projects

Meeting: June 27, 2022

Meeting Attendees:

Eric Tynan, General Manager, CCSD

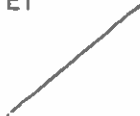
Nick Panofsky, MNS Engineers, Inc.

Paul Greenway, G7ei Inc.

Greg Jaquez, MNS Engineers, Inc.

Ryuun Ernst, MNS Engineers, Inc.

Prepared By: Paul Greenway

Description	Action Item	Responsible	Status/Date
Discussion of the Asset Management and Maintenance Projects (4) – bidding assistance only + CM/Inspection as needed <ol style="list-style-type: none"> <li>1. Castroville North Water Services</li> <li>2. Well #4 Pump Conversion</li> <li>3. Water Gate Valve Replacements</li> <li>4. Sewer Lift Station Generator Replacements</li> </ol>	MNS implementing various phases of work  <i>proposal #</i>	RE	On-going
Castroville North Water Services includes 28 Laterals going to the District Board for Approval 5/17/22. Advertisement sent to Central Coast	District award contract 6/21/22	ET 	June 2022

Builders Exchange. Four contractors submitted. Low bidder is Jay Johnson. County waiting on paving project.			
Well #5 Motor, heat tolerant motor to be installed by Majora Bros.	District to have Majora	ET	June 2022
New Pump Submersible at Well #4, converting from Oil to Water lubrication.  Majora to provide a proposal.	District to obtain proposal from Majora	ET	June 2022
Group of Seven Water Valves	Prepare Bid Docs for Board of Director's approval to advertise for RFP 7/19/22	RE	7/19/22
Four Water Valve Projects	Prepare Bid Docs for Board of Director's approval to advertise for RFP 7/19/22	RE	7/19/22
Replace Two Generators, 20+/- week lead time. Castroville Boulevard and Via Linda. Sized smaller, no air board permit required. Jeff Mitchem	<ol style="list-style-type: none"> <li>1. Prepare Bid Docs for Board of Director's approval to advertise for RFP 7/19/22</li> <li>2. Check equipment order lead time</li> </ol>	RE	7/19/22
District Scada Professional will be contracted directly by the District. The contract documents will require coordination with the Scada Professional.	District to provide Scada Professional contact information, Rylan Uttgard	ET	Completed May 2022
Next Meeting: 07/11/22 1:30 pm			

# Action Plan

## Castroville Community Services District

### Moss Landing Sewer

Meeting: July 11, 2022

**Meeting Attendees:**

Eric Tynan, General Manager, CCSD

Nick Panofsky, MNS Engineers, Inc.

Paul Greenway, G7ei Inc.

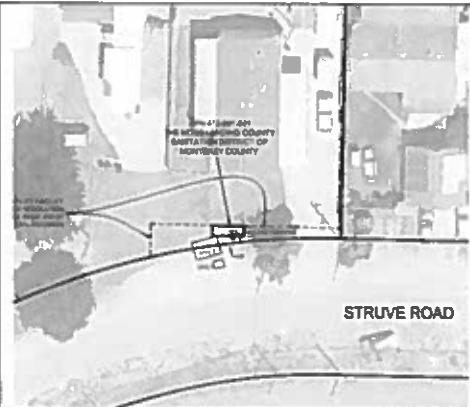
Greg Jaquez, MNS Engineers, Inc.

Ryuun Ernst, MNS Engineers, Inc.

Prepared By: Paul Greenway

Description	Action Item	Responsible	Status/Date
Grant Project Elements Discussion, project admin, per, 30%, 60% ROW, environ, \$500k	MNS is working on the 30% Design	MNS	Completed June 30, 2022
Moss Landing Sanctuary Scenic Trail Bridge Crossing. County has indicated delay of the bridge or defunding of bridge	Information	Completed	Completed
Construction Phase: Native American Inspector will be required.	Rincon subconsultant working on including requirement in environmental document	Rincon	August 2022

PER will need to be updated for the pipeline changes from the County. Pipeline will be replaced in same alignment.	MNS to update PER report	NP	July 2022
Environmental Scope change for the work under the existing bridge. Lift 1 site has a higher paleontological site. No change to the environmental document. A paleontological monitor will be required during excavation.	MNS to work with Rincon	NP	On-going
Rincon has requested additional budget to address the dewatering of the lift station and pipeline. Possible divert to M1W. District to have a meeting with M1W on 7/14/22	NP to work with Rincon on additional permitting for dewatering	NP	July 2022
Materials under the existing bridge. PVC casing with HDPE inside.	District reviewed and ok with proposed materials	ET	Completed
Schedule: PER draft to 9/30/21 Final PER 02/28/22 30% Design: 6/30/22 60% Design: 9/30/22 Environ: 8/31/22 ROW: 9/30/22 Const Appl: 8/31/23	MNS to prepare 30% design	NP	Completed June 30, 2022
Review Grant Opportunities for funding next phase. Construction Grant Application for CWSRF is part of the grant.	MNS to prepare construction grant application following 60% completion	GJ	September 2022
Romero: Is interested and asking for Ortega contact. Ortega and Start date of ROW acquisition, Lift Station One, easement.  Pump Station Four, no easement needed, in public ROW.	District sent to Attorney for review. District to check to see if PG&E owns the pole.	ET	Completed July 2022

\$10k agreement for ROW	District to send to Ortega	ET	July 2020
	Current pump station shown on left. Parcel to the East is scheduled for appraisal.	Associate ROW services	Completed May 2022
Mud and water pond on the edge of the proposed parcel. MNS to design system to reduce chance of flooding lift station. MNS reviewed manhole, it is a Air Release Valve for the Recycle pipeline.	MNS to raise up elevation above existing elevation and seal manhole to prevent water from entering.	NP	Completed June 2022
Survey records show there is an easement and location requested by Romero is on another property owners property.	Proceed with ROW on Adjacent Finepro LLC.	Associate ROW services	Completed May 2022
Surveying is complete.	MNS surveying complete	MNS Surveying	Completed
Borings completed and Geotech report completed. Dewatering required during construction at Liftstation 1, 3 and 4 and pipeline.	MNS design will incorporate groundwater management	NP	Completed June 2022
Next Meeting: 07/25/22, 1:30 pm			



# Action Plan

## Castroville Community Services District

### Washington Bypass

Meeting: June 27, 2022

Meeting Attendees:

Eric Tynan, General Manager, CCSD

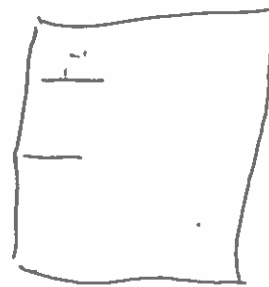
Nick Panofsky, MNS Engineers, Inc.

Paul Greenway, G7ei Inc.

Greg Jaquez, MNS Engineers, Inc.

Ryuun Ernst, MNS Engineers, Inc.

*30m approx  
5m  
ACTP  
enid*



Prepared By: Paul Greenway

Description	Action Item	Responsible	Status/Date
State Water Resources Control Board, SRF set aside for small, disadvantaged communities. Small Community Clean Water, Waste Water Funding Program	State requested full application for \$3.5M projects.	GJ	Mid-July 2022
SRF has indicated they will fund as a grant. Prior to funding, the State has requested completion of an environmental package.	MNS to forward Environmental Proposal to District	NP	Completed May 2022
District meeting on the 6/21	District to review MNS proposal for environmental	ET	June 21, 2022

MNS to provide a design, ROW, CM proposal. Associated ROW, GJ doing grants,	MNS to forward Proposal to District	NP	July 2022
Next Meeting: 07/11/22, 1:30 pm			

# Action Plan

## Castroville Community Services District Emergency Deep Aquifer Supply and Storage Tank Project

Meeting: July 11, 2022

Meeting Attendees:

Eric Tynan, General Manager, CCSD

Nick Panofsky, MNS Engineers, Inc.

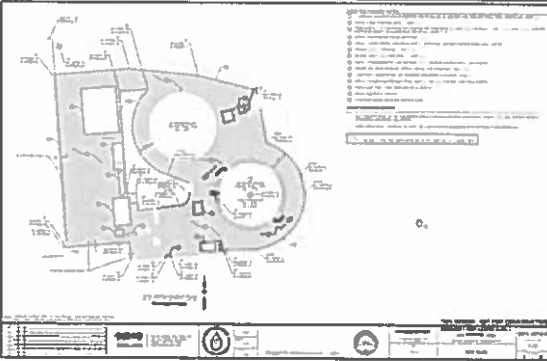
Paul Greenway, G7ei Inc.

Greg Jaquez, MNS Engineers, Inc.


Ryuun Ernst, MNS Engineers, Inc.

Prepared By: Paul Greenway

Description	Action Item	Responsible	Status/Date
Project Elements Discussion, IRWM Grant, #270k for Design/Env/ \$125K Const phase. Water Resources Agency, Alex Henson is lead for Grant. CCSD is a sub-recipient	30% Design submitted to the District	MNS	Draft 30% completed May 2022
Planning / Design / Engineering / Environmental Documentation, 30% design document and Design Build document.	MNS currently working on 30% design	MNS	Draft 30% completed May 2022

	MNS to continue developing site plan	NP	Draft 30% completed May 2022
<p>Gray area's above indicate paved areas. Discussion of DI located in the NW corner. Bid documents will include DI</p>	MNS to continue developing site plan	NP	Draft 30% completed May 2022
<p>ROW: Land being acquired from adjacent property owner. Expected purchase in October. Land Use advisory committee. Then to Planning Commission. Planning Commission Approved lot line adjustment. Fence and grading on property taking.</p>	District to finish purchase of the land. Copy of the appraisal and final deed.	ET	July 2022 update
<p>SCDR, up to \$9m has been funded. 55 applications are ahead. Until all applications. First come first serve. Partial funding is a possibility. Project cannot take longer than 2 years, June 2024 cutoff date. MNS submitted on behalf of District and State acknowledge receipt. Potential State Budget for new infusion of funding.</p>	MNS to check back with DWR	GJ	July 2022
<p>MNS spoke with DWR staff. An additional \$90M was allocated in the next year budget.</p>	MNS to check back with DWR	GJ	July 2022
<p>SRF Funding would be alternative funding source, plan B. SRF a much more difficult grant process and administration. The next step would be a FFAST application. Bi-Partisan or Infrastructure Investment Jobs Act. The 30% design will make the SRF application more complete.</p>	MNS to prepare a Future Grant Application if SCDR is a "no go"	GJ	Update in August
<p>Plan C, Community Funding Program, SRF money bypassing normal procedure, and obtain a Federal Earmark. Possible with Water Environment Committee. Project is already in the State's program.</p>	Potential Future Activity of a Federal Earmark. District to consider this action after August as potential Plan C	ET	Potential start activity in August 2022

Requirement: Castroville would already have to have completed application via State's Intended Use Plan.			
Meeting with Mike Burke and Martin Feeney, hydrogeologist. Discussion of draft feasibility report and finishing the feasibility report.	Eric to request final feasibility report	ET	Completed
Discussion of pilot hole with Martin/Mike. Martin recommended pilot hole.	Eric discussed with Martin Feeney	ET	Completed June 2022
Schedule: a Project Administration 09/01/2020 to 01/31/2025 b Land Purchase / Easement 06/01/2019 to 08/31/2022 c Planning / Design / Engineering / Environmental Documentation 09/01/2020 to 08/31/2022 d Construction / Implementation 08/31/2021 to 01/31/2025	MNS currently working on 30% design	MNS	May 2022
Site visit with Electrical Engineer in the next month	Completed	Completed	Completed
Surveying completed except new retaining wall.	Surveying complete	Completed	Completed.
Quarter Monitoring Report preparation	First report submitted	On-going	On-going
Discussion of Siting for Well #6. 50 foot radius of control needed by the District.	District to obtain the Hydrogeologist final report	ET	Completed

 <p>Castroville C.E.D. Well #1 Background Specifications November 2021</p> <p>FIGURE 3. SITE LAYOUT MAP Castroville C.E.D. Well #1</p>	MNS including proposed well location in report	NP	Completed 2022
Geotech Report submittal to MNS. Geotech indicated expansive soils and soil consolidation will need to be addressed in the design. Soils are corrosive.	MNS to including Geotech Report in 30% Design Package	NP	Completed June 2022
Concrete crack on existing foundation will be addressed in the plans and specifications. Remove damaged concrete and replace.	MNS to add to the plans	NP	Completed June 2022
Tribal Consultation Package sent by the District to each tribal contact	District completed mailing. District to reply to email with confirmation.	ET	Completed May 2022
Section 106 outreach packet	Rincon proceeding with sending 106 Outreach	Rincon	On-going
Provide envelope of excavation to Rincon	NP Provide envelope of excavation to Rincon	NP	July
Draft CEQA documents	Rincon submittal	Rincon	July 1, 2022
Bridging Documents are procurement documents for the Design Build concept. Kick off meeting with Willy and Eric. Defining the water performance criteria. Checking on casing in the screens, type of stainless, checking performance criteria.	Summary memo with GMP contract and key things to consider	NP/RE	July 2022

Vertical Turbine system for higher power and higher flow has more benefits as compared with submersible. For submersible, the depth of well puts pressure on the seals. If water temperature is too hot can be difficult for cooling a submersible.	NP to revise design to show the Vertical Turbine with housing protection.	NP	On-going
Design Build review by attorney	ET to request District Attorney confirm previous attorney opinion on Design-Build	ET	July 2022
Generator: Switch from Diesel to propane	ET to talk with RG before finalizing	NP	July 2022
State Water Board Drinking Water Permit process, Jonathan Winager, Kyle is the State representative.  County of Monterey manages the Well permit.	MNS to start process. ET to send NP, Kyle's information	ET/NP	July 2022
Next Meeting: 07/25/22 1:30 pm			

# Action Plan

## Castroville Community Services District

### Overhead Sign at Highway 183

Meeting: June 27, 2022

Meeting Attendees:

Eric Tynan, General Manager, CCSD

Nick Panofsky, MNS Engineers, Inc.

Paul Greenway, G7ei Inc.

Greg Jaquez, MNS Engineers, Inc.

Ryuun Ernst, MNS Engineers, Inc.

*agreement w/ sign by MNS  
- for structural -  
Quote for sign from MNS  
const proper*

Prepared By: Paul Greenway

Description	Action Item	Responsible	Status/Date
State Requested Traffic Control Plan. MNS prepared Traffic control plan and submitted to the District.	MNS to submit Traffic Control Plan to District	NP	Completed May 2022
State Requested a Storm Water Control Plan. Design detail being requested and then MNS to review with Caltrans.	MNS to submit Storm Water Control Plan to District	NP	Completed May 2022
Traffic Control Plan and Storm Water Control Plan require approval by the State	District to send Traffic Control Plan and Stormwater Control Plan to the State for Approval	ET	Completed May 2022



State issued a coop agreement draft for the District to review.	District to review and negotiate with State	ET	Completed June 2022
Construction Period and scope	District to request construction schedule from Signs by Van	ET	July 2022
QMP Plan, Resident Engineer, As-built submittal in Microstation	Proposal for services	RE	July 2022
Next Meeting: 07/11/22 1:30 pm			



# CASTROVILLE COMMUNITY SERVICES DISTRICT

## GENERAL MANAGER'S REPORT

JULY 21, 2022

### ❖ Regulatory Compliance

- ❑ Last SWRCB-DDW inspection of water system April 2021
- ❑ No coliform violations, all routine samples negative for June 2022
- ❑ Well #3 Abandoned Future desalter use under investigation
- ❑ Approved Bacteriological sampling plan for 2022
- ❑ Submitted DAC status to DWR for reduced annual fees
- ❑ Completed EPA mandated Resilience, Recovery and ERP
- ❑ Submitted water reports to 7 large Water system customers 7/8/2022
- ❑ Submitted No-Spill report to State for Castroville, Moss Landing and Moro Cojo
- ❑ Regulatory documentation for CCSD – Zone 3 sewer jetting activities
- ❑ Regulatory documentation for MLCSD – Zone 1 & 2 sewer jetting activities

### ❖ Current Projects

- ❑ Implementation grant for \$395,00 Prop 1 funding for new Deep well
- ❑ Response to on-going litigation
- ❑ Design for New Deep Well#6
- ❑ Researching De-Salter feasibility for Well #3
- ❑ RFP to Replace Well 4 Pump & motor to water lube ASAP
- ❑ RFP for new generators @ Castroville Blvd & Sea Garden lift stations
- ❑ Consider collaboration with M1W on the Cypress alley replacement project
- ❑ 60% Design for Washington sewer by-pass line
- ❑ Consider collaboration with MCWD on water system tie-in
- Resolve CalTrans request to re-locate force main on Castroville Blvd-no change
- ❑ Lupe Ibarra reduced total door hangers from 97 past due notices to 30
- ❑ Oversee grant funding and design of new overhead sign from CalTrans
- ❑ Negotiate purchase cost for Lift Station #1 easement
- ❑ Grant proposal to SWRCB for new Castroville water supply for \$2.8 million
- ❑ Review MNS Grant writing proposals for Washing BP, Moss Landing sewer system
- ❑ Zone 1-Castroville Serwer Operations, see report in Board packet

- Zone 2-Moro Cojo Sewer Operations, see report in Board packet
- Zone 3- Moss Landing Sewer Operations, see report in Board packet
- Initiated lateral replacement program with County

#### ❖ **Completed Projects**

- Secured \$3.5million in funding for construction of Washington sewer by-pass line
- NCR&PD to finish installing "No dump- spills to Bay" at all storm drain inlets
- Resolved Employee OT issues and review Employee Handbook
- Jay Johnson won bid to Replace Water Laterals before County Road work
- Fencing installed at new property@ site #4
- Finalized lot line adjustment of site for future Deep Well #6
- 60% design completed for Washington BP
- Review/assist CalTrans Castroville/Merritt St Beautification Project
- Assist M1W with sewer lateral repair/replacement work (SEP)
- Review, edit & update Employee Handbook
- Installed new well pump @ Well #5
- Located old water connections for replacement before County proceeds with street rehab on south side of town
- Located old connections for replacement before County proceeds with street rehab on north side of town
- Replaced 6 registers for water meters in June 2022
- Repaired/replaced 1 service lateral
- Planning well site #4 modifications for filling storage tanks from distribution system & additional 600,000-gallon water tank

#### **Upcoming Projects**

- Tie-in to MPWSP Desal water line(on-hold)
- Before new rain need to follow up with M1W re: Smoke tested Struve Rd sewer system w/RCAC – found 7 cross connections and reported to M1W Source control- need to follow up with M1W Source control 7/18/22
- Review projects going out to bid in 2022/2023 budget
- Replace well#4 motor & pump with water lube assembly
- New sewer mains to replace Cypress Alley sewer main
- Design and secure funding for New Deep Well#6
- Pig #1 & #2 force mains in Moss Landing
- Consider costs for Castroville Oaks project for street & sewer service
- Investigate possible Well #7 location
- Inspect depressions in street for sewer repair
- "Action" meetings for Grant Projects
- Stolen "Welcome" sign @ Castroville Blvd re-installed with steel posts

### ❖ **Meetings/Seminars (attended)**

- ❑ Discussion with inter-tie pipeline with MCWD
- ❑ Monterey Bay Water Works Association Board Meeting
- ❑ Water Solutions Group
- ❑ Enforce Water-Waste Ord for any water leaving property
- ❑ Meeting with M1W Source control to resolve I & I issues on Struve Rd
- ❑ 180'-400 Aquifer- Advisory Committee-Ron & Eric
- ❑ Sea Water Intrusion Working Group-TAC
- ❑ DAC ongoing engagement with SVGWB-GSA
- ❑ Cal Trans-Multiple meetings/ conversations re: Overhead Sign, Ped Ove-pass & Community engagement & approves \$417,000 in funding for Overhead sign
- ❑ Quarterly Clean & Dirty Water Managers meeting
- ❑ Sea Water Intrusion Working Group Advisory -SWIG-Committee
- ❑ Monterey 1 Water- various Board meetings- Ron and Eric
- ❑ Sea Water Intrusion Working Group (SWIG-TAC) Tech Advisory Committee
- ❑ SVGWB- Basin Overview workshop-Ron & Eric
- ❑ IRWM Committee meeting
- ❑ Met with Water Solutions Group re" North County-180'/400' water issues

### ❖ **Meetings/Seminars (upcoming)**

- ❑ Meeting of the MCWRA- TAC -Advisory Comm. on Deep Wells-Eric
- ❑ Moss Landing Chamber meeting
- ❑ Monterey County Board of Supervisors re: Desal -Public or Private
- ❑ Various safety classes
- ❑ Clean & Dirty Water Managers - Water & Wastewater General Managers group
- ❑ Moss Landing Community Plan Update
- ❑ Monterey 1 Water- various Board meetings-
- ❑ Sea Water Intrusion Group Advisory meeting- SWIG-Eric
- ❑ Sea Water Intrusion Group Advisory -TAC meeting-
- ❑ 180'-400 Aquifer- Advisory Committee-Ron & Eric
- ❑ Quarterly Water Managers meeting
- ❑ MPWMD Board meetings
- ❑ SVGWB GSA Advisory committee meetings
- ❑ Quarterly Special District Managers meeting

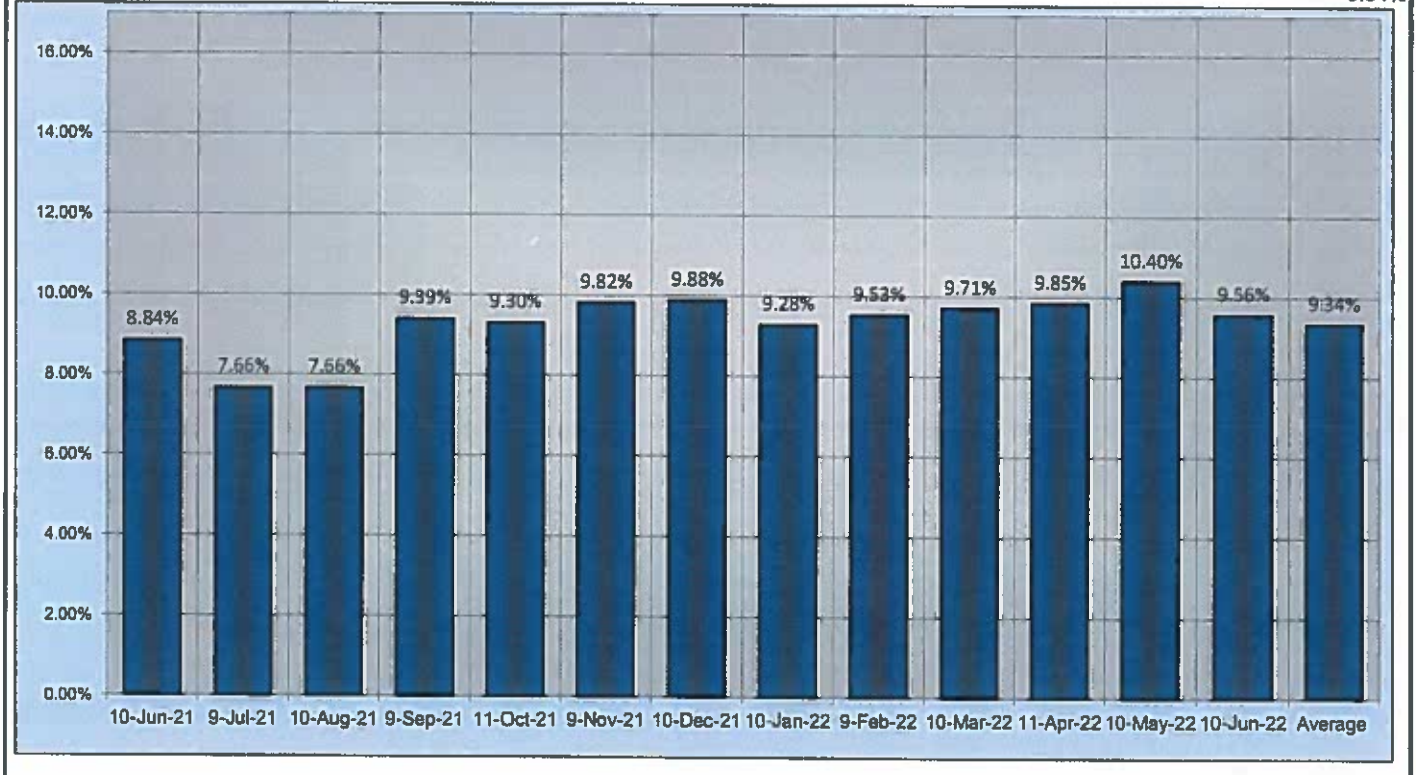
### ❖ **Improvements/Ideas/Suggestions**

- ❑ Install "For fire use only- all others will be fined" on all fire hydrants
- ❑ Pressure wash and weed maintenance on fire hydrants
- ❑ Collaborate with County Public Works to replace infrastructure prior to road rehab in roads south of Hwy 156 in Castroville



**Percent Water Loss**  
Monthly & Yearly

Month	Well #5 Gal.	Site 2 Well Gal.	Site 3 Well Gal.	Site 4 Well Gal.	Totals	Totals	miscellaneous	Unaccounted Water %
					Water Pumped	Water Sold		
10-Jun-21	1890618	1933000	5074000	14943000	23840618	21316639	Hydrant meters 354776 Jetting & Flushing 21k Leaks Hydrant 32k FD 2k Softner 2k	8.84%
9-Jul-21	2153783	2624000	355000	18580000	23712783	21393653	Hydrant meters 474980 Jetting & Flushing 16k Leaks Hydrant 5k FD 2k Softner 2k	7.66%
10-Aug-21	4150969	5236000	15000	15783000	25184969	22723178	Hydrant meters 500097 Jetting & Flushing 16k Leaks Hydrant 5k FD 2k Softner 2k	7.66%
9-Sep-21	4658882	5398000	0	13738000	23794882	21122675	Hydrant meters 36704 Jetting & Flushing 16k Leaks Hydrant 82k FD 2k Softner 2k	9.39%
11-Oct-21	4823159	6268000	0	13860000	24951159	22392741	Hydrant meters 218117 Jetting & Flushing 14k Leaks Hydrant 0k FD 2k Softner 2k	9.30%
9-Nov-21	5165056	5544000	0	10208000	20917056	18756257	Hydrant meters 31699 Jetting & Flushing 40k Leaks Hydrant 30k FD 2k Softner 2k	9.82%
10-Dec-21	3510735	4286000	0	10960000	18756735	16847959	Hydrant meters 2270 Jetting & Flushing 11k Leaks Hydrant 12k FD 2k Softner 2k	9.88%
10-Jan-22	2788399	3574000	0	9016000	15378399	13819995	Hydrant meters 75174 Jetting & Flushing 17k Leaks Hydrant 40k FD 2k Softner 2k	9.28%
9-Feb-22	3298704	3789000	0	9089000	16176704	14535106	Hydrant meters 34K Jetting & Flushing 24k Leaks Hydrant 20k FD 2k Softner 2k	9.53%
10-Mar-22	2480315	3043000	-6000	11277000	16794315	15120237	Hydrant meters 23K Jetting & Flushing 12k Leaks Hydrant 4k FD 2k Softner 2k	9.71%
11-Apr-22	2293480	2371000	0	15165000	19829480	17735013	Hydrant meters 103K Jetting & Flushing 9k Leaks Hydrant 30k FD 2k Softner 2k	9.85%
10-May-22	3284628	3425000	0	13860000	20569628	18182347	Hydrant meters 208K Jetting & Flushing 53k Leaks Hydrant 0k FD 2k Softner 2k	10.40%
10-Jun-22	3142023	7839000	3000	12399000	23383023	20845847	Hydrant meters 279K Jetting & Flushing 18k Leaks Hydrant 0k FD 2k Softner 2k	9.56%
Average								9.34%





# CASTROVILLE COMMUNITY SERVICES DISTRICT

## OPERATIONS REPORT June 2022

### EMERGENCIES:

**Jonathan On Call.**

**4<sup>th</sup> – Internet Outage - Power Outage – Via Linda, Well 2, 4 and 5.**

**5<sup>th</sup> – Power Outage – Station 1.**

### Maintenance:

- Craig Evans – PRV's Inspection
- Green Line – Sewer Video 11340 Rico St.
- Well 5 – Submersible Pump Pulled – 100 hp. Motor was Replaced.
- Online Classes
- Troubleshoot Copier + SCADA and E-mail.
- Sounded All Wells – Well 5 Level Transducer not working.
- Jetter Truck – Fix Pinhole.
- 11400 Commercial Pkwy - Low Pressure Complaint – Tested Backflow.
- Office – Install and Troubleshoot Chart Reader.
- Well 4 – Refurbished Motor was Installed – Booster 1.
- 11480 Commercial Pkwy – 3" Meter was Replaced.
- Moro Cojo and Castroville Blvd. – Test Backflows.
- Well 2 – Install New Diesel Line to Fill Up 5 gal. Containers.
- Toro Petroleum – Fill Up All Storage Tanks.
- Well 4 – Archaeological Visit.
- 11061 Salinas St – Inspect Backwater.
- RAM Dealer – Pickup Crane Truck – Recall.
- Monterey Water Resources – Well Samples.
- Inspect Sewer Test – MBARI
- Work on Inventory for Audit.
- Prep for Lateral Replacement Program.

## Weekly

- Rounds – Well sites (Check water softeners, Chlorine Generator, tanks, pumps, etc.)
- Mark water and sewer lines (USA's) as necessary.
- Exercise Valves.
- Respond to e-mails.
- Rounds - Lift stations (Check fluids, oil, alarms, floats, etc.)
- Jetting. (Castroville, Moro Cojo, Moss Landing).
- Water samples (Bacteria).
- Mapping reports.
- Office grounds keeping.
- Wash and clean trucks.
- Lift stations grounds keeping.
- Maintain Cartegraph records updated.
- Take Garbage and recycle out.

## Monthly

- Run Generators.
- Water Loss Report.
- Read and re-read meters.
- Deliver 72 hrs. notices.
- Replace registers.
- Reset logs on tablet for Lift Stations.
- Reset logs on hand-held for Well sites.
- Fire Hydrants readings.
- Troubleshoot computers, printer, Internet.
- Water Well level bubblers readings.

## Work Orders:

- a) 7 Day Disconnect Notice – 22
- b) Final Bill Read Meter – 5
- c) Investigate - 1
- d) Miscellaneous - 3
- e) Turn on Service - 2
- f) Reconnect – 2
- g) Reg - 3
- h) SHT - 2

**TOTAL WORK ORDERS – 40**

# CASTROVILLE COMMUNITY SERVICES DISTRICT



## CASTROVILLE - ZONE 1 MONTHLY O&M REPORT

**JUNE 2022**

### ❖ LIFT STATION #5 Del Monte

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

### ❖ LIFT STATION #6 @ Sea Garden

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022



❖ **LIFT STATION #7 @ Via Linda**

- Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

❖ **JETTING ACTIVITIES**

- Total jetted approx. 8989 feet

❖ **OTHER MATTERS**

- Responded to 18 Underground Alert marking requests
- Submitted no-spill report to SWRCB on 7-5-2022
- Cleaning and inspecting storm drains in October and February 2022

❖ **Improvements/CIP/Suggestions**

- Confirm that storm drain inlets are clean & Marked- "DO NOT DUMP, FLOWS TO BAY"



# Castroville

## JUNE 2021 JETTING

7/1/2022



ID	Material	Length	Street	Downstream MH	Upstream MH
10700Haight	6" Clay	364	Haight St.	MH 15.2	MH 15.3
10900Oak	6" Clay	123	OAK St.	MH 29	MH 30
11000Axtell	6" Clay	203	Axtell St.	MH 108	CO 108.1
11000Union/Alley	PSM SDR35 6"	230	Union St.	MH 110.1	CO 110.2
11100Axtell	PSM SDR35 6"	225	Axtell St.	MH 109	CO 109.1
11100Axtell/Apt	6" Clay	195	Axtell St.	MH 107	MH 108.1
11100UnionCir	6" Clay	184	Union Circle	MH 108.1	MH 108
11200Axtell/Apts	6" Clay	267	Axtell St.	MH 106	MH 107
11200Wood	6" Clay	358	Wood St.	MH 25.8	MH 25.1
11275Axtell	6" Clay	100	Benson St.	MH 106.1	CO 106.3
11300DelMonte	6" Clay	115	Del Monte Ave.	MH 102	CO 103
11300Geil	10" Clay	280	Geil St.	MH 21	MH 22
11300Koestor CO24.1<MH24	6" Clay	346	Koester St.	MH 24	CO 24.1
11300Main MH21<21.1	6" Clay	400	Main St.	MH 21	MH 21.1
11300Palmer CO23.1<MH23	6" Clay	589	Palmer St.	MH 23	CO 23.1
11300Wood	6" Clay	350	Wood St.	MH25.6	MH 25.9
11300Wood-6in	6" Clay	191		MH 25.8	MH25.6
11309DelMonte	6" Clay	190	Del Monte Ave.	MH 100	MH 104
11325DelMonte	6" Clay	155	Del Monte Ave.	MH 102	MH 23.4
11350DelMonte	6" Clay	220	Del Monte Ave.	MH 23.4	MH 23.3
11350Geil	10" Clay	62	Geil St.	MH 22	MH 23
11374DelMonte		65	Del Monte Ave.	MH 23.4	Del Monte
11375DelMonte	6" Clay	68	Del Monte Ave.	MH 23.3	MH 23.1
11400DelMonte	6" Clay	415	Del Monte Ave.	MH 23.1	MH 23.2
11400Geil	10" Clay	339	Geil St.	MH 23	MH 24

11400Main	6" Clay	380	Main St.	MH 21.1	MH 21.2
11411DelMonte	6" Clay	94	Del Monte Ave.	MH 101	MH110
11411DelMonte Alley	6" Clay	280	Del Monte Ave.	MH 23.3	Del Monte
11450DelMonte	6" Clay	325	Del Monte Ave.	MH 23.2	CO 23.2
11450Geil	10" Clay	333	Geil St.	MH 24	MH 25
11500Castro	10" Clay	463	Castro St.	MH 25.8	MH 26
11550Union	6" Clay	159	Union St.	MH 108	MH 109
11600 Union Cir.	PSM SDR35 6"	164	Union Circle	MH 108.1	CO 108.2
11600 Union St.	PSM SDR35 6"	108	Union St.	MH 108	MH 110.1
11600Benson	6" Clay	198	Benson St.	MH 106	MH 106.1
Hwy156/Benson	6" Clay	316	Benson St.	MH 105	MH 106
Kalsa Apt.B	6" Clay	20	Del Monte Ave.	MH 101	MH 100
Kalsa Apts.	6" Clay	115	Del Monte Ave.		MH 102
		TOTAL	8989		

# CASTROVILLE COMMUNITY SERVICES DISTRICT



## MORO COJO - ZONE 2 MONTHLY O&M REPORT JUNE 2022

### ❖ LIFT STATION @ CASTROVILLE BLVD

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

### ❖ LIFT STATION @ COMPO DE CASA

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

❖ **JETTING ACTIVITIES**

- Jetted sewer lines btwn MH #66 to-MH #62
- Jetted sewer lines btwn MH #65 to-MH #66
- Jetted sewer lines btwn MH #62 to-MH #62.1
- Jetted sewer lines btwn MH #62 to-MH #63
  
- Total jetted approx.740 feet

❖ **OTHER MATTERS**

- Responded to 1 Underground Alert marking requests
- Cleaned and weed-whacked ls site
- SWRCB-Reported "no-spill" 7/5/2022
- Schedule cleaning of EQ Basins in Dec 2020
- Performed inspection of all storm drains in November 2021
- Mowing Scheduled-June 2022

❖ **Improvements/CIP/Suggestions**

- Confirm that storm drain interceptors are clear
- Detention ponds are clean & fence secured



**Moro Cojo**  
**JUNE 2022 JETTING**

7/1/2022



ID	Material	Length	Street	Downstream MH	Upstream N
8in Ball Feild	8" PVC	250	Los Ninos Pl	MH 66	MH 62
8inBall Feild	8" PVC	280	Comunidad Way	MH 65	MH 66
Los Ninos CO62.1>MH62	PSM SDR35 4"	50	Los Ninos Pl	MH 62	CO 62.1
Los Ninos5	SDR35 6"	160	Los Ninos Pl	MH 62	MH 63
	<b>TOTAL</b>	<b>740</b>			

# CASTROVILLE COMMUNITY SERVICES DISTRICT



## MOSS LANDING (ZONE 3) MONTHLY O&M REPORT

**JUNE 2022**

### ❖ LIFT STATION # 1 (Struve Rd)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

### ❖ LIFT STATION #2 (Hwy 1 @ Pottery barn)

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

❖ **LIFT STATION #3 (in front of Phil's fish market)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

❖ **LIFT STATION #4 (Potrero Rd)**

- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/2/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/9/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/16/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/23/2022
- ❑ Did pump-down, alarm check, and general inspection of Lift Station 6/30/2022

❖ **JETTING ACTIVITIES**

- ❑ Jetted sewer lines btwn MH #23 to-MH #23.1
- ❑ Jetted sewer lines btwn MH #23.1 to-MH #24
- ❑ Jetted sewer lines btwn MH #24 to-MH #25
- ❑ Jetted sewer lines btwn MH #25 to-MH #26
- ❑ Jetted sewer lines btwn MH #26 to-MH #27
- ❑ Jetted sewer lines btwn MH #23 to-MH #40

- ❑ Total jetted approx. 1240 feet

❖ **OTHER MATTERS**

- ❑ Responded to 4 Underground Alert marking requests
- ❑ Implementing \$500,000 grant from DWR to initiate Moss Landing sewer system improvements and upgrades
- ❑ Finalizing grant application for \$2.8 Million for upgrades and repair of sewer system
- ❑ Perform Bi-annual inspection of grease traps at various facilities in and March 2022 and November 2022
- ❑ Emailed notice of "no spill" to CIWQS 7-5-2022



❖ **Improvements/CIP/Suggestions**

- Consider options for Elkhorn Bridge Force Main replacement
- Schedule pigging of Station #1 & Station #2 force mains



# Moss Landing JUNE 2022 JETTING

7/1/2022



ID	Material	Length	Street	Downstream MH	Upstream MH
MH23.1>MH23	PSM SDR35 8"	212	Soundholt Rd.	MH23 ML	MH23.1 ML
MH24>MH23	PSM SDR35 8"	122	Soundholt Rd.	MH23.1 ML	MH24 ML
MH25>MH24	PSM SDR35 8"	127	Soundholt Rd.	MH24 ML	MH25 ML
MH26>MH25	PSM SDR35 8"	349	Soundholt Rd.	MH25 ML	MH26 ML
MH27>MH26	PSM SDR35 8"	164	Soundholt Rd.	MH26 ML	MH27 ML
MH40>MH23	PSM SDR35 8"	266	Soundholt Rd.	MH23 ML	MH40 ML
	<b>TOTAL</b>	<b>1240</b>			

# CASTROVILLE COMMUNITY SERVICES DISTRICT Accounts Receivable - Summary

From: 6/1/2022 Through: 6/30/2022

Limited to :

**Balance**  
\$65,002.08

Charge	Minimum	Overage	Consumption	Bills	Total
FIRELINE Charge	\$6,077.45	\$20.09	922.00 Cubic Ft	71	\$6,097.54
SURCHARGE Charge	\$11,445.50	\$0.00	0.00	132	\$11,445.50
WATER Charge	\$42,139.90	\$60,567.16	2,778,310.00 Cubic Ft	1,426	\$102,707.06
WATER CMPND Charge	\$0.00	\$166.68	7,646.00 Cubic Ft	1	\$166.68
<b>Total Charge</b>	<b>\$59,662.85</b>	<b>\$60,753.93</b>			<b>\$120,416.78</b>

**Delinquency**

Amount	
FIRELINE Penalty	\$0.00
WATER Penalty	\$0.00
<b>Total Delinquency</b>	<b>\$0.00</b>

**Deposit Applied**

Amount	
WATER Charge	\$(50.75)
WATER Open Credit	\$(9.25)
<b>Total Deposit Applied</b>	<b>\$(60.00)</b>

**Open Applied**

Amount	
WATER Payment Open Credit	\$4,595.72
<b>Total Open Applied</b>	<b>\$4,595.72</b>

**Open Payment**

Amount	
FIRELINE Charge(Payment Open Credit)	\$(11.65)
SURCHARGE Charge(Payment Open Credit)	\$(104.05)
WATER Charge(Payment Open Credit)	\$(4,420.02)
WATER Service Order Fee(Payment Open Credit)	\$(60.00)
<b>Total Open Payment</b>	<b>\$(4,595.72)</b>

**Payment**

Amount	
FIRELINE Charge	\$(5,847.03)
SURCHARGE Charge	\$(13,640.90)
WATER Charge	\$(98,172.88)
WATER CMPND Charge	\$(144.73)
WATER NSF Fee	\$(20.00)
WATER Open Credit	\$(3,115.12)
WATER Service Order Fee	\$(296.77)
<b>Total Payment</b>	<b>\$(121,247.43)</b>

110

Total Payment

\$(121,237.43)

**Refund**  
WATER Open Credit  
Total Refund

**Amount**  
\$9.25  
\$9.25

\$64,130.68

**Service Order Fee**  
WATER Service Order Fee  
Total Service Order Fee

**Amount**  
\$280.00  
\$280.00

\$64,410.68

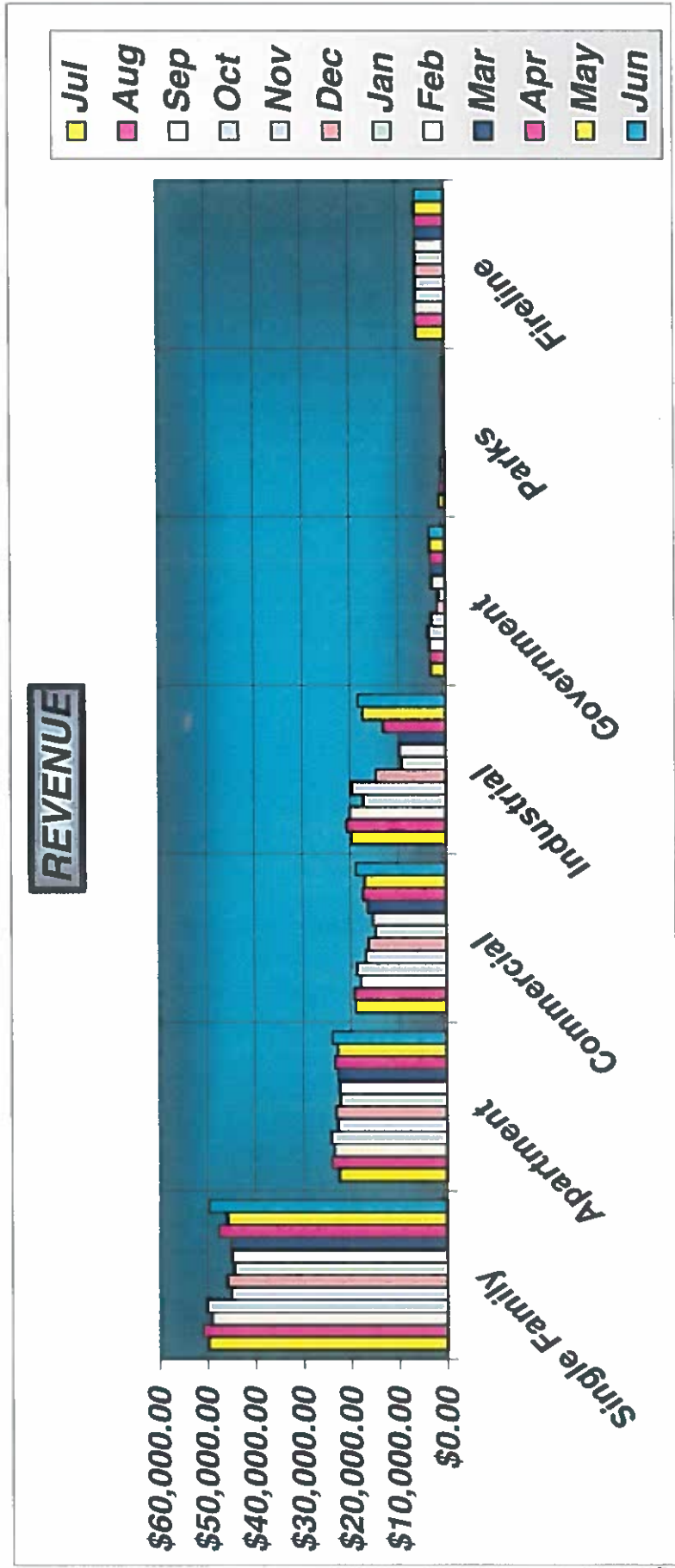
\$64,410.68

Closing Balance:

Annual Water Revenue By Classification 2021-2022

	Single Family	Apartment	Commercial	Industrial	Government	Parks	Fireline	Totals
Jul	\$49,734.29	\$22,401.93	\$18,826.98	\$19,592.54	\$2,958.12	\$1,155.17	\$5,846.14	\$120,515.17
Aug	\$50,890.89	\$24,057.15	\$19,190.54	\$20,648.21	\$3,101.58	\$1,016.59	\$5,955.11	\$124,860.07
Sep	\$49,043.34	\$23,534.18	\$17,887.74	\$19,924.38	\$3,291.17	\$701.79	\$6,007.71	\$120,390.31
Oct	\$50,114.83	\$24,181.24	\$18,652.19	\$17,322.13	\$3,453.54	\$763.53	\$5,990.13	\$120,477.59
Nov	\$45,004.33	\$22,729.01	\$16,833.54	\$19,626.91	\$2,801.77	\$541.32	\$5,992.44	\$113,529.32
Dec	\$45,835.67	\$23,153.19	\$16,256.46	\$14,623.20	\$1,597.93	\$555.03	\$5,993.17	\$108,014.65
Jan	\$44,403.01	\$22,206.60	\$14,765.32	\$9,247.43	\$1,414.63	\$536.73	\$6,009.12	\$98,582.84
Feb	\$44,834.44	\$22,275.28	\$15,224.92	\$9,589.16	\$2,709.06	\$547.59	\$6,009.84	\$101,190.29
Mar	\$45,173.18	\$22,692.00	\$16,365.28	\$9,814.20	\$3,011.78	\$579.07	\$5,976.92	\$103,612.43
Apr	\$47,622.57	\$23,382.77	\$17,365.47	\$13,117.09	\$3,084.83	\$690.59	\$6,104.65	\$111,367.97
May	\$45,801.30	\$22,724.71	\$16,934.28	\$17,321.80	\$3,099.93	\$594.16	\$6,101.60	\$112,577.78
Jun	\$49,586.77	\$23,837.35	\$18,752.46	\$18,289.13	\$3,257.36	\$596.17	\$6,097.54	\$120,416.78
<b>Totals</b>	<b>\$568,044.62</b>	<b>\$277,175.41</b>	<b>\$207,055.18</b>	<b>\$189,116.18</b>	<b>\$33,781.70</b>	<b>\$8,277.74</b>	<b>\$72,084.37</b>	<b>\$1,355,535.20</b>

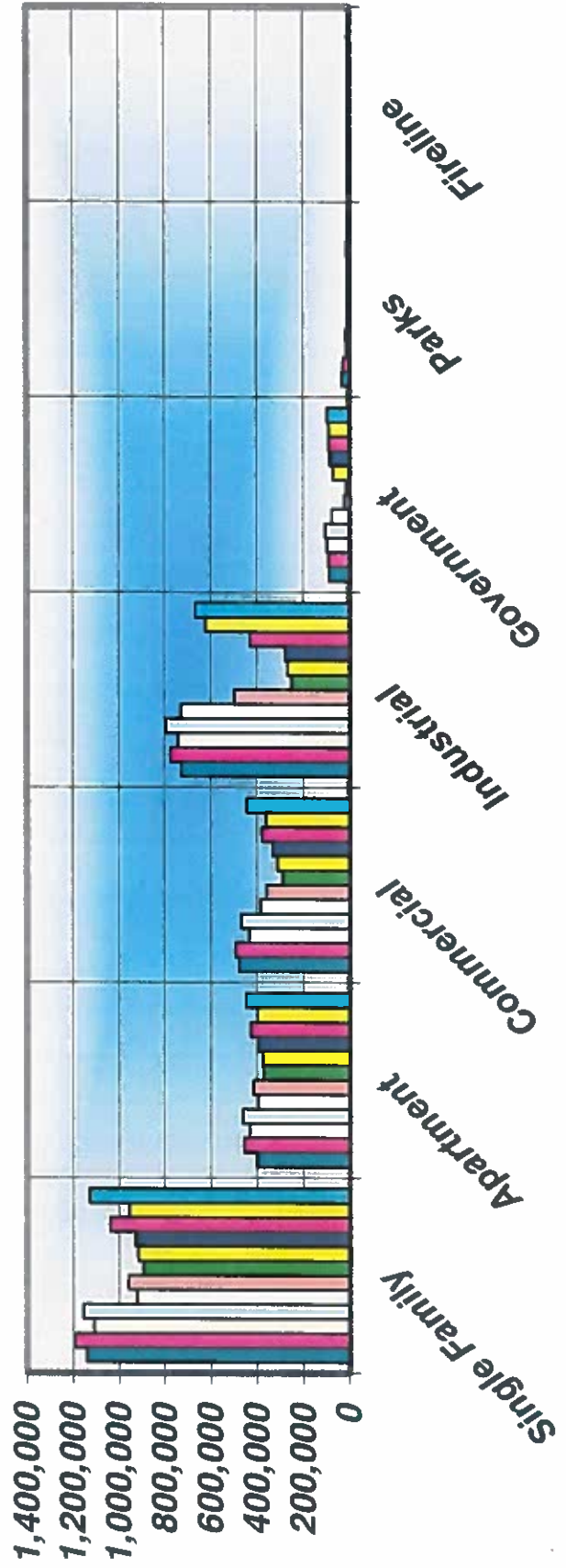
124,244.05



Annual Water Usage By Classification 2021-2022

	Single Family	Apartment	Commercial	Industrial	Government	Parks	Fireline	Totals
Jul	1,140,008	399,569	477,143	725,967	86,416	30,600	411	2,860,114
Aug	1,192,146	455,988	492,519	774,392	89,620	24,243	400	3,029,308
Sep	1,108,522	432,064	434,372	741,189	96,628	9,802	1,310	2,823,887
Oct	1,155,771	461,744	468,674	794,594	104,077	12,634	503	2,997,997
Nov	922,370	395,130	385,250	727,543	74,178	2,441	609	2,507,521
Dec	958,956	413,981	358,779	498,015	18,957	3,070	643	2,252,401
Jan	892,784	372,119	290,378	251,420	10,548	2,231	1,375	1,820,855
Feb	916,261	374,317	311,460	267,096	69,925	2,729	1,408	1,943,196
Mar	928,956	392,765	332,997	277,419	83,812	4,173	1,300	2,021,422
Apr	1,039,536	426,678	378,151	428,927	87,163	9,288	1,248	2,370,991
May	957,615	396,841	360,704	621,805	87,856	4,865	1,109	2,430,795
Jun	1,128,758	446,798	444,188	666,178	95,077	4,957	922	2,786,878
<b>Totals</b>	<b>12,341,683</b>	<b>4,967,994</b>	<b>4,734,615</b>	<b>6,774,545</b>	<b>904,257</b>	<b>111,033</b>	<b>11,238</b>	<b>29,845,365</b>

**CUBIC USAGE**





# PMIA/LAIF Performance Report as of 07/05/22



## PMIA Average Monthly Effective Yields<sup>(1)</sup>

June	0.861
May	0.684
Apr	0.523

## Quarterly Performance Quarter Ended 03/31/22

LAIF Apportionment Rate <sup>(2)</sup> :	0.32
LAIF Earnings Ratio <sup>(2)</sup> :	0.00000875657176851
LAIF Fair Value Factor <sup>(1)</sup> :	0.988753538
PMIA Daily <sup>(1)</sup> :	0.42%
PMIA Quarter to Date <sup>(1)</sup> :	0.29%
PMIA Average Life <sup>(1)</sup> :	310

## Pooled Money Investment Account Monthly Portfolio Composition <sup>(1)</sup> 05/31/22 \$225.9 billion

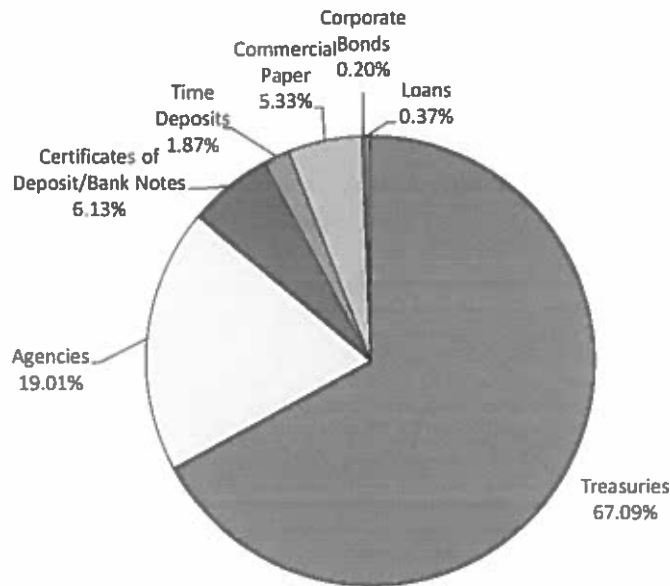


Chart does not include \$5,098,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Source:

<sup>(1)</sup> State of California, Office of the Treasurer

<sup>(2)</sup> State of California, Office of the Controller



# Castroville Community Services District Profit & Loss Budget vs. Actual July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
Metered Water Sales	1,238,884.88	1,241,166.63	-2,281.75	99.82%
Temporary Hydrant Service	7,654.22	7,150.00	504.22	107.05%
New Service Installation	6,949.04	11,025.63	-4,076.59	63.03%
Backflow Revenue	14,083.98	11,916.63	2,167.35	118.19%
<b>Misc. Revenue</b>				
Reconnect Charges	240.00	183.37	56.63	130.88%
NSF Charges	84.00	275.00	-191.00	30.55%
Trip Fee Charges	920.00	2,291.63	-1,371.63	40.15%
Misc. Revenue - Other	8,172.61	1,833.37	6,339.24	445.77%
<b>Total Misc. Revenue</b>	9,416.61	4,583.37	4,833.24	205.45%
Water Interest-Investment Earned	9,683.07	13,750.00	-4,066.93	70.42%
DWR IRWM Prop 1A Grant	59,883.55	362,083.37	-302,199.82	16.54%
<b>Zone 1 (Castroville) Revenue</b>				
Caltrans Grant-Overhead Sign	0.00	270,416.63	-270,416.63	0.0%
User fees Storm Drain #75301	65,135.32	59,583.37	5,551.95	109.32%
User fees Street Lights #75301	32,812.53	30,250.00	2,562.53	108.47%
Ad Valorem Property Tax	816,655.88	632,500.00	184,155.88	129.12%
Sewer Connection Fees	0.00	5,809.87	-5,809.87	0.0%
Misc. Revenue	6,287.43	916.63	5,370.80	685.93%
Grant-Washington Sewer St Bypass	61,807.00	56,656.38	5,150.62	109.09%
Interest Earned	21,401.23	23,375.00	-1,973.77	91.56%
<b>Total Zone 1 (Castroville) Revenue</b>	1,004,099.39	1,079,507.88	-75,408.49	93.02%
<b>ZONE 2 (MORO COJO) REVENUE</b>				
User fees Storm Drain & Sewer #73701	69,966.29	64,399.50	5,566.79	108.64%
Open Space-Street-Street Lights #73701	33,600.00	30,800.00	2,800.00	109.09%
Zone 2 Interest Earned	454.13	2,566.74	-2,112.61	17.69%
<b>Total ZONE 2 (MORO COJO) REVENUE</b>	104,020.42	97,766.24	6,254.18	106.4%
User fees NMCHS & Mobil Park 74701	92,801.74	85,281.13	7,520.61	108.82%
<b>Sewer (Moss Landing) REVENUE</b>				
Property Taxes	145,027.00	132,916.63	12,110.37	109.11%
Sewer Connection Fees Zone 3	3,168.00	6,416.63	-3,248.63	49.37%
M1W Sanitation Fees	125,101.77	176,000.00	-50,898.23	71.08%
Interest Earned	1,731.57	2,291.63	-560.06	75.56%
Misc. Revenue-Sewer Zone 3	0.00	458.37	-458.37	0.0%
Clean Water Small Communities Planning Grant	53,452.00	458,333.37	-404,881.37	11.66%
<b>Total Sewer (Moss Landing) REVENUE</b>	328,480.34	776,416.63	-447,936.29	42.31%
<b>Total Income</b>	2,875,957.24	3,690,647.51	-814,690.27	77.93%



Castroville Community Services District  
Profit & Loss Budget vs. Actual  
July 2021 through May 2022

Expense	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Water Operation Expense				
General Operations Expense				
Shop Supplies	616.91	916.63	-299.72	67.3%
Small Tools	1,041.98	2,750.00	-1,708.02	37.89%
Operators Uniforms	1,514.62	1,833.37	-318.75	82.61%
Cellular Phones	805.98	916.63	-110.65	87.93%
Operator Certifications	544.27	733.37	-189.10	74.22%
Water Testing Fees	4,650.00	11,000.00	-6,350.00	42.27%
Backflow Testing	818.81	916.63	-97.82	89.33%
Water System Fees	8,535.52	6,783.37	1,752.15	125.83%
Total General Operations Expense	18,528.09	25,850.00	-7,321.91	71.68%
Well Sites Expense				
Utilities - P G & E	90,328.32	101,750.00	-11,421.68	88.78%
Pump Repair/Maintenance	1,071.23	3,666.63	-2,595.40	29.22%
Supplies for Pumps & Well Sites	5,032.91	7,333.37	-2,300.46	68.63%
Generators Repairs/Maintenance	1,451.96	1,833.37	-381.41	79.2%
Tank Repair/Maintenance	0.00	916.63	-916.63	0.0%
Building Repair/Maintenance	160.96	916.63	-755.67	17.56%
Chlorine/Softener Repair/Main	1,776.18	3,666.63	-1,890.45	48.44%
Well Sites - Other Expense	7,901.46	4,583.37	3,318.09	172.39%
Total Well Sites Expense	107,723.02	124,666.63	-16,943.61	86.41%
Valve Expense				
Valve - Supplies	0.00	458.37	-458.37	0.0%
Valve - Repair/Maintenance	2,751.55	2,750.00	1.55	100.06%
Total Valve Expense	2,751.55	3,208.37	-456.82	85.76%
Meter Expense				
Meter - Supplies	3,798.19	4,583.37	-785.18	82.87%
Meter - Repair/Maintenance	714.25	7,333.37	-6,619.12	9.74%
Total Meter Expense	4,512.44	11,916.74	-7,404.30	37.87%
Hydrant Expense				
Hydrant - Supplies	0.00	916.63	-916.63	0.0%
Hydrant - Repair Maintenance	1,090.93	1,375.00	-284.07	79.34%
Total Hydrant Expense	1,090.93	2,291.63	-1,200.70	47.61%
Water Lines Expense				
Water Lines - Supplies	1,112.90	3,666.63	-2,553.73	30.35%
Water Lines - Repair/Main	900.22	3,666.63	-2,766.41	24.55%
Total Water Lines Expense	2,013.12	7,333.26	-5,320.14	27.45%
Depreciation Expense	292,554.17	293,333.37	-779.20	99.73%
Automobile Expense				
Fuel	2,681.31	2,750.00	-68.69	97.5%

716

# Castroville Community Services District Profit & Loss Budget vs. Actual July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Auto - Repair/Maintenance	1,138.00	1,833.37	-695.37	62.07%
Other Auto Expense	8.72	1,375.00	-1,366.28	0.63%
<b>Total Automobile Expense</b>	<b>3,828.03</b>	<b>5,958.37</b>	<b>-2,130.34</b>	<b>64.25%</b>
Payroll Expense Water Operation	99,058.77	98,083.37	975.40	100.99%
Operators Water Wages	99,058.77	98,083.37	975.40	100.99%
<b>Total Payroll Expense Water Operation</b>	<b>532,060.12</b>	<b>572,641.74</b>	<b>-40,581.62</b>	<b>92.91%</b>
<b>Total Water Operation Expense</b>				
Water Administrative Expense				
Billing Expense				
Postage	8,663.50	8,708.37	-44.87	99.49%
Billing Supplies	0.00	8,250.00	-8,250.00	0.0%
Toilet Rebate	0.00	206.25	-206.25	0.0%
Write Off's-Adjustments	0.00	458.37	-458.37	0.0%
Other Billing Expense	4,622.60	5,500.00	-877.40	84.05%
<b>Total Billing Expense</b>	<b>13,286.10</b>	<b>23,122.99</b>	<b>-9,836.89</b>	<b>57.46%</b>
Utilities Expense				
Utilities - P G & E	1,006.76	1,512.50	-505.74	66.56%
Utilities - Telephones	2,436.91	2,291.63	145.28	106.34%
Utilities - Disposal	312.90	348.37	-35.47	89.82%
Utilities - M1Water	88.24	100.87	-12.63	87.48%
<b>Total Utilities Expense</b>	<b>3,844.81</b>	<b>4,253.37</b>	<b>-408.56</b>	<b>90.39%</b>
Insurance Expense				
Insurance - Auto & General	11,985.82	12,008.37	-22.55	99.81%
<b>Total Insurance Expense</b>	<b>11,985.82</b>	<b>12,008.37</b>	<b>-22.55</b>	<b>99.81%</b>
Office Expense				
Office Supplies	1,134.16	2,291.63	-1,157.47	49.49%
Office Equipment	348.82	1,833.37	-1,484.55	19.03%
Misc. Office Expense	1,996.85	3,208.37	-1,211.52	62.24%
Alarm Monitoring Service	486.90	733.37	-246.47	66.39%
Property Taxes	724.79	687.50	37.29	105.42%
Computer Programs/Upgrades	10,002.23	7,333.37	2,668.86	136.39%
Bank Fees	844.75	916.63	-71.88	92.16%
Seminars/Training/Staff	560.00	2,750.00	-2,190.00	20.36%
Seminar/Training/Directors	0.00	2,750.00	-2,750.00	0.0%
Membership Dues	8,870.45	9,625.00	-754.55	92.16%
Office Repairs/Maintenance	2,322.58	2,154.13	168.45	107.82%
Building Maintenance	0.00	2,750.00	-2,750.00	0.0%
<b>Total Office Expense</b>	<b>27,291.53</b>	<b>37,033.37</b>	<b>-9,741.84</b>	<b>73.69%</b>
Payroll Expenses				
Wages - General Manager	68,888.62	67,266.87	1,621.75	102.41%

Castroville Community Services District  
Profit & Loss Budget vs. Actual  
July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Wages - Administrative	72,265.38	72,393.75	-128.37	99.82%
Insurance - Workers Comp	5,687.93	5,225.00	462.93	108.86%
Employee Health Benefits	75,891.62	76,285.00	-393.38	99.48%
PERS Retirement Benefits Employer Contributions Bi-Weekly Payroll	21,574.00	22,260.37	-686.37	96.92%
Pension Expense UAL Employer	1,336.95	1,267.75	69.20	105.46%
Employee Life Insurance	549.77	564.63	-14.86	97.37%
FICA Expense	18,014.24	18,791.63	-777.39	95.86%
Retired Employee Benefits	0.00	45.87	-45.87	0.0%
OPEB-Water Post Employment Medical Expense	8,550.00	7,837.50	712.50	109.09%
<b>Total Payroll Expenses</b>	<b>272,758.51</b>	<b>271,938.37</b>	<b>820.14</b>	<b>100.3%</b>
Consulting Expense				
Legal Fees	2,373.95	5,500.00	-3,126.05	43.16%
Engineering Fees	0.00	4,583.37	-4,583.37	0.0%
Director Fees	1,800.00	2,475.00	-675.00	72.73%
Accounting Fees	7,363.35	7,383.75	-20.40	99.72%
Other Consulting Fees	28,225.01	24,750.00	3,475.01	114.04%
<b>Total Consulting Expense</b>	<b>39,762.31</b>	<b>44,692.12</b>	<b>-4,929.81</b>	<b>88.97%</b>
<b>Total Water Administrative Expense</b>	<b>368,929.08</b>	<b>393,048.59</b>	<b>-24,119.51</b>	<b>93.86%</b>
<b>Zone 1 Operation Expense</b>				
General Operation Expense				
Shop Supplies	1,128.32	1,100.00	28.32	102.58%
Small Tools & Equipment	291.37	1,375.00	-1,083.63	21.19%
Operators Uniforms	1,177.94	1,833.37	-655.43	64.25%
Operators Certifications	219.98	458.37	-238.39	47.99%
Cellular Phones	622.56	733.37	-110.81	84.89%
<b>Total General Operation Expense</b>	<b>3,440.17</b>	<b>5,500.11</b>	<b>-2,059.94</b>	<b>62.55%</b>
Lift Station Expense				
Sewer Utilities PG & E	4,340.38	4,858.37	-517.99	89.34%
Lift Station Repair/Maintenance	8,342.59	7,333.37	1,009.22	113.76%
Supplies for Pump Station	533.79	1,100.00	-566.21	48.53%
Permit Fee for Generators	483.00	458.37	24.63	105.37%
Building Repair/Maintenance	125.19	916.63	-791.44	13.66%
<b>Total Lift Station Expense</b>	<b>13,824.95</b>	<b>14,666.74</b>	<b>-841.79</b>	<b>94.26%</b>
Sewer Depreciation Expense	60,580.67	60,500.00	80.67	100.13%
Automobile Expense				
Fuel for Trucks	1,508.74	2,016.63	-507.89	74.82%
Auto- Repair/Maintenance	1,254.55	1,833.37	-578.82	68.43%
Other Auto Expense	0.00	1,375.00	-1,375.00	0.0%
<b>Total Automobile Expense</b>	<b>2,763.29</b>	<b>5,225.00</b>	<b>-2,461.71</b>	<b>52.89%</b>
Payroll Expense-Operation				

# Castroville Community Services District Profit & Loss Budget vs. Actual July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Operators Zone 1 Wages	75,972.88	81,583.37	-5,610.49	93.12%
<b>Total Payroll Expense-Operation</b>	<b>75,972.88</b>	<b>81,583.37</b>	<b>-5,610.49</b>	<b>93.12%</b>
Sewer Line Expense	24,658.97	27,500.00	-2,841.03	89.67%
<b>Total Sewer Line Expense</b>	<b>24,658.97</b>	<b>27,500.00</b>	<b>-2,841.03</b>	<b>89.67%</b>
Storm drain Expense	24.23	916.63	-892.40	2.64%
Storm drain-Supplies	5,465.82	12,833.37	-7,367.55	42.59%
<b>Total Storm drain Expense</b>	<b>5,490.05</b>	<b>13,750.00</b>	<b>-8,259.95</b>	<b>39.93%</b>
Storm drain Automobile Expense	576.74	825.00	-248.26	69.91%
Storm drain Fuel for Trucks	576.74	825.00	-248.26	69.91%
<b>Total Storm drain Automobile Expense</b>	<b>1,153.48</b>	<b>1,650.00</b>	<b>-496.52</b>	<b>69.91%</b>
<b>Total Zone 1 Operation Expense</b>	<b>187,307.72</b>	<b>209,550.22</b>	<b>-22,242.50</b>	<b>89.39%</b>
<b>Zone 1 Administrative Expense</b>				
Office Expense				
Office Supplies	665.55	2,016.63	-1,351.08	33.0%
Office Equipment	255.52	1,375.00	-1,119.48	18.58%
Misc. Office Expense	241.03	1,466.63	-1,225.60	16.43%
Computer Program/Upgrade	1,580.62	2,750.00	-1,169.38	57.48%
Office Repair/Maintenance	1,806.20	1,695.87	110.33	106.51%
Alarm Monitoring Service	378.70	458.37	-79.67	82.62%
Property Taxes	505.19	320.87	184.32	157.44%
Seminars/Training/Staff	77.67	1,833.37	-1,755.70	4.24%
Seminar/Training/Directors	0.00	1,833.37	-1,833.37	0.0%
Membership Dues	6,635.01	5,958.37	676.64	111.36%
Building Maintenance	0.00	1,833.37	-1,833.37	0.0%
Bad Debt Write Offs-Sewer Fund	0.00	458.37	-458.37	0.0%
<b>Total Office Expense</b>	<b>12,145.49</b>	<b>22,000.22</b>	<b>-9,854.73</b>	<b>55.21%</b>
<b>Payroll Expense Admin</b>				
Wages Zone 1 GM	52,621.57	52,319.63	301.94	100.58%
Wages Zone 1 Admin	56,877.18	56,306.25	570.93	101.01%
Insurance - Workers Comp	4,423.94	4,125.00	298.94	107.25%
Employee Health Benefits	59,026.80	59,033.37	-6.57	99.99%
FICA Expense	13,910.58	13,863.63	46.95	100.34%
PERS Retirement Benefits Employer Contributions	16,779.78	16,900.62	-120.84	99.29%
Pension Expense UAL Employer	1,039.85	986.37	53.48	105.42%
OPEB-Sewer Post Employment Cost	6,650.00	6,095.87	554.13	109.09%
Employee Life Insurance	427.57	440.00	-12.43	97.18%
<b>Total Payroll Expense Admin</b>	<b>211,757.27</b>	<b>210,070.74</b>	<b>1,686.53</b>	<b>100.8%</b>
Utilities Expense				

# Castroville Community Services District Profit & Loss Budget vs. Actual

July 2021 through May 2022

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06/22/22  
Accrual Basis

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Utilities - PG&E	940.28	1,375.00	-434.72	68.38%
Utilities - Telephones	1,822.03	1,833.37	-11.34	99.38%
Utilities - Disposal	243.35	275.00	-31.65	88.49%
Utilities - M1Water	68.63	91.63	-23.00	74.9%
<b>Total Utilities Expense</b>	<b>3,074.29</b>	<b>3,575.00</b>	<b>-500.71</b>	<b>85.99%</b>
Sewer Consulting Expense				
Sewer Legal Fees	1,620.85	2,750.00	-1,129.15	58.94%
Sewer Engineer Fees	0.00	7,333.37	-7,333.37	0.0%
Sewer Accounting Fees	5,727.05	5,742.88	-15.83	99.72%
Sewer Other Consulting Fees	9,816.26	6,416.63	3,399.63	152.98%
Director Fees	1,400.00	1,925.00	-525.00	72.73%
<b>Total Sewer Consulting Expense</b>	<b>18,564.16</b>	<b>24,167.88</b>	<b>-5,603.72</b>	<b>76.81%</b>
Insurance Expense				
Insurance- Auto & General	9,322.48	9,350.00	-27.52	99.71%
<b>Total Insurance Expense</b>	<b>9,322.48</b>	<b>9,350.00</b>	<b>-27.52</b>	<b>99.71%</b>
Bond, Loan & Certif. Expense				
Investment Expense/Services	0.00	45.87	-45.87	0.0%
CSA 14-CCSD Amortization Expense	0.00	3,289.88	-3,289.88	0.0%
Willdan CSA 14 Assessment Admin Fee	625.00	1,466.63	-841.63	42.62%
Unrealized Gain/Loss Investment	86,913.96	9,166.63	77,747.33	948.16%
<b>Total Bond, Loan &amp; Certif. Expense</b>	<b>87,538.96</b>	<b>13,969.01</b>	<b>73,569.95</b>	<b>626.67%</b>
Storm drain Consulting Expense				
Storm drain Legal Fees	0.00	458.37	-458.37	0.0%
Storm drain Engineer Fees	0.00	916.63	-916.63	0.0%
Storm drain Other Consulting F	0.00	458.37	-458.37	0.0%
<b>Total Storm drain Consulting Expense</b>	<b>0.00</b>	<b>1,833.37</b>	<b>-1,833.37</b>	<b>0.0%</b>
<b>Total Zone 1 Administrative Expense</b>	<b>342,402.65</b>	<b>284,966.22</b>	<b>57,436.43</b>	<b>120.16%</b>
Zone 1 Other Operation & Maint Expense				
Street Light Utility Cost	-14,152.55	22,916.63	-37,069.18	-61.76%
Castroville Sign Maintenance	4,838.00	4,583.37	254.63	105.56%
Pedestrian Over Cross Maintenance	0.00	916.63	-916.63	0.0%
Gov Zone 1 Depreciation Expense	1,188.92	1,430.00	-241.08	83.14%
<b>Total Zone 1 Other Operation &amp; Maint Expense</b>	<b>-8,125.63</b>	<b>29,846.63</b>	<b>-37,972.26</b>	<b>-27.23%</b>
Zone 1 Recreational Expense				
No. Co. Rec & Park District	100,000.00	132,916.63	-32,916.63	75.24%
<b>Total Zone 1 Recreational Expense</b>	<b>100,000.00</b>	<b>132,916.63</b>	<b>-32,916.63</b>	<b>75.24%</b>
Zone 2 Operation Expense				
General Operation Expense				
Shop Supplies	75.58	458.37	-382.79	16.49%
Small Tools & Equipment	107.61	458.37	-350.76	23.48%

120

Castroville Community Services District  
**Profit & Loss Budget vs. Actual**  
 July 2021 through May 2022

3:37 PM  
 06/22/22  
 Accrual Basis

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Operators Uniforms	336.68	412.50	-75.82	81.62%
Operators Certifications	175.95	320.87	-144.92	54.84%
Cellular Phones	177.87	229.13	-51.26	77.63%
<b>Total General Operation Expense</b>	<b>873.69</b>	<b>1,879.24</b>	<b>-1,005.55</b>	<b>46.49%</b>
Lift Station Expense				
Utilities	7,848.04	8,891.63	-1,043.59	88.26%
Lift Station Repair/Maintenance	8,351.16	9,166.63	-815.47	91.1%
Supplies for Pump Station	0.00	916.63	-916.63	0.0%
Building Repair/Maintenance	35.77	458.37	-422.60	7.8%
<b>Total Lift Station Expense</b>	<b>16,234.97</b>	<b>19,433.26</b>	<b>-3,198.29</b>	<b>83.54%</b>
Sewer Depreciation Expense	16,531.17	16,533.00	-1.83	99.99%
Automobile Expense				
Fuel for Trucks	595.86	1,100.00	-504.14	54.17%
Auto-Repair/Maintenance	455.20	2,291.63	-1,836.43	19.86%
Other Auto Expense	0.00	458.37	-458.37	0.0%
<b>Total Automobile Expense</b>	<b>1,051.06</b>	<b>3,850.00</b>	<b>-2,798.94</b>	<b>27.3%</b>
Payroll Expense-Operations				
Operator Zone 2 Wages	22,351.87	23,466.63	-1,114.76	95.25%
<b>Total Payroll Expense-Operations</b>	<b>22,351.87</b>	<b>23,466.63</b>	<b>-1,114.76</b>	<b>95.25%</b>
Sewer Line Expense				
Sewer Line-Repair/Maintenance	0.00	1,833.37	-1,833.37	0.0%
<b>Total Sewer Line Expense</b>	<b>0.00</b>	<b>1,833.37</b>	<b>-1,833.37</b>	<b>0.0%</b>
Storm Drain Expense				
Storm drain-Supplies	0.00	458.37	-458.37	0.0%
Storm drain-Repair/Maintenance	0.00	916.63	-916.63	0.0%
<b>Total Storm Drain Expense</b>	<b>0.00</b>	<b>1,375.00</b>	<b>-1,375.00</b>	<b>0.0%</b>
<b>Total Zone 2 Operation Expense</b>	<b>57,042.76</b>	<b>68,370.50</b>	<b>-11,327.74</b>	<b>83.43%</b>
Zone 2 Administrative Expense				
Office Expense				
Seminar/Training/Directors	0.00	916.63	-916.63	0.0%
Membership Dues	1,984.76	1,833.37	151.39	108.26%
Office Supplies	190.17	550.00	-359.83	34.58%
Office Equipment	73.01	458.37	-385.36	15.93%
Misc. Office Expense	68.87	458.37	-389.50	15.03%
Building Maintenance	0.00	916.63	-916.63	0.0%
Computer Program/Upgrade	451.61	1,191.63	-740.02	37.9%
Office Repair/Maintenance	515.95	641.63	-125.68	80.41%
Alarm Monitoring Services	108.20	183.37	-75.17	59.01%
Property Taxes	288.73	275.00	13.73	104.99%
Seminars/Training/Staff	77.67	916.63	-838.96	8.47%

121



# Castroville Community Services District Profit & Loss Budget vs. Actual July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
<b>Total Office Expense</b>	3,758.97	8,341.63	-4,582.66	45.06%
<b>Payroll Expense Administration</b>				
Wages- Zone 2 GM	15,034.77	14,948.12	86.65	100.58%
Wages-Zone 2 Admin	16,291.73	16,087.50	204.23	101.27%
Insurance Workers Comp	1,263.98	1,191.63	72.35	106.07%
Employee Health Benefits	16,864.83	16,958.37	-93.54	99.45%
PERS Retirement Benefits Employer Contribution Biweekly Payroll	4,794.22	4,829.00	-34.78	99.28%
Pension Expense UAL Employer	297.10	281.38	15.72	105.59%
Employee Life Insurance	122.20	128.37	-6.17	95.19%
Other Post Retirement Benefits	1,900.00	1,741.63	158.37	109.09%
FICA Expense	4,022.63	4,675.00	-652.37	86.05%
<b>Total Payroll Expense Administration</b>	60,591.46	60,841.00	-249.54	99.59%
<b>Consulting Expense</b>				
Consulting Fees	1,247.50	1,466.63	-219.13	85.06%
Sewer Engineer Fees	0.00	916.63	-916.63	0.0%
Sewer Accounting Fees	1,636.30	1,640.87	-4.57	99.72%
Sewer Legal Fees	434.10	1,375.00	-940.90	31.57%
Director Fees	400.00	550.00	-150.00	72.73%
Moro Cojo Annexation Amortization Expense	0.00	488.62	-488.62	0.0%
<b>Total Consulting Expense</b>	3,717.90	6,437.75	-2,719.85	57.75%
<b>Utilities Expense</b>				
Utilities-PG&E	328.57	458.37	-129.80	71.68%
Utilities-Telephone	520.57	504.13	16.44	103.26%
Utilities-Disposal	69.55	77.88	-8.33	89.3%
Utilities-M1Water	19.60	27.50	-7.90	71.27%
<b>Total Utilities Expense</b>	938.29	1,067.88	-129.59	87.87%
<b>Insurance Expense</b>				
Insurance-Auto & General	2,663.56	3,025.00	-361.44	88.05%
<b>Total Insurance Expense</b>	2,663.56	3,025.00	-361.44	88.05%
<b>Total Zone 2 Administrative Expense</b>	71,670.18	79,713.26	-8,043.08	89.91%
<b>Zone 2 Other Oper &amp; Maint Expense</b>				
Open Space Main-Outside Services	1,128.36	2,750.00	-1,621.64	41.03%
Street Light Utility Cost	-1,443.74	2,108.37	-3,552.11	-68.48%
Road Repair	0.00	4,583.37	-4,583.37	0.0%
Steet Signage	0.00	458.37	-458.37	0.0%
<b>Total Zone 2 Other Oper &amp; Maint Expense</b>	-315.38	9,900.11	-10,215.49	-3.19%
<b>Sewer Zone 3 Operation &amp; Maint Expense</b>				
General Operation Expense				
Shop Supplies	94.16	458.37	-364.21	20.54%
Small Tools & Equipment	107.66	458.37	-350.71	23.49%
Operators Uniforms	336.48	412.50	-76.02	81.57%

**Castroville Community Services District**  
**Profit & Loss Budget vs. Actual**  
July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
Operators Certifications	175.95	320.87	-144.92	54.84%
Cellular Phones	177.88	229.13	-51.25	77.63%
<b>Total General Operation Expense</b>	<b>892.13</b>	<b>1,879.24</b>	<b>-987.11</b>	<b>47.47%</b>
Lift Station Expense				
Sewer Utilities PG&E	9,278.42	10,266.63	-988.21	90.38%
Lift Station Repair/Maintenance	2,685.62	3,666.63	-981.01	73.25%
Supplies for Pump Station	0.00	458.37	-458.37	0.0%
<b>Total Lift Station Expense</b>	<b>11,964.04</b>	<b>14,391.63</b>	<b>-2,427.59</b>	<b>83.13%</b>
Sewer (Moss Landing) Zone 3 Depreciation Expense	32,630.58	32,816.63	-186.05	99.43%
Automobile Expense				
Fuel for Trucks	595.82	1,100.00	-504.18	54.17%
Repair/Maintenance	451.02	2,291.63	-1,840.61	19.68%
Other Auto Expense	0.00	458.37	-458.37	0.0%
<b>Total Automobile Expense</b>	<b>1,046.84</b>	<b>3,850.00</b>	<b>-2,803.16</b>	<b>27.19%</b>
Payroll Expense-Operations				
Operators-Moss Landing Wages Zone 3	22,301.88	23,466.63	-1,164.75	95.04%
<b>Total Payroll Expense-Operations</b>	<b>22,301.88</b>	<b>23,466.63</b>	<b>-1,164.75</b>	<b>95.04%</b>
Sewer Line Expense				
Sewer Line-Repair Maintenance	3,444.42	6,416.63	-2,972.21	53.68%
<b>Total Sewer Line Expense</b>	<b>3,444.42</b>	<b>6,416.63</b>	<b>-2,972.21</b>	<b>53.68%</b>
<b>Total Sewer Zone 3 Operation &amp; Maint Expense</b>	<b>72,279.89</b>	<b>82,820.76</b>	<b>-10,540.87</b>	<b>87.27%</b>
Zone 3 Administrative Expense				
Office Expense				
Office Supplies	189.22	550.00	-360.78	34.4%
Office Equipment	24.23	458.37	-434.14	5.29%
Misc. Office Expense	68.85	1,100.00	-1,031.15	6.26%
computer Programs/Upgrade	451.60	1,191.63	-740.03	37.9%
Office Repair/Maintenance	516.35	641.63	-125.28	80.48%
alarm Monitoring Service	108.20	183.37	-75.17	59.01%
Property Taxes	166.72	45.87	120.85	363.46%
Seminars/Training/Staff	77.66	916.63	-838.97	8.47%
Seminars/Training/Directors	0.00	916.63	-916.63	0.0%
Membership Dues	2,065.71	1,650.00	415.71	125.2%
Building Maintenance	0.00	916.63	-916.63	0.0%
<b>Total Office Expense</b>	<b>3,668.54</b>	<b>8,570.76</b>	<b>-4,902.22</b>	<b>42.8%</b>
Payroll Expense Administration				
Wages Zone 3 GM	15,034.77	14,948.12	86.65	100.58%
Wages Zone 3 Admin	16,291.73	16,087.50	204.23	101.27%
Insurance-Workers Comp	1,264.00	1,191.63	72.37	106.07%
Employee Health Benefits	16,864.72	16,958.37	-93.65	99.45%

123



**Castroville Community Services District**  
**Profit & Loss Budget vs. Actual**  
July 2021 through May 2022

	Jul '21 - May 22	Budget	\$ Over Budget	% of Budget
FICA Expense	4,022.63	4,675.00	-652.37	86.05%
PERS Retirement Benefits Employer Contributions Biweekly Payroll	4,794.24	4,829.00	-34.76	99.28%
Pension Expense UAL Employer	297.10	281.38	15.72	105.59%
Other Post Employment Benefits	1,900.00	1,741.63	158.37	109.09%
Employee Life Insurance	122.12	125.62	-3.50	97.21%
<b>Total Payroll Expense Administration</b>	<b>60,591.31</b>	<b>60,838.25</b>	<b>-246.94</b>	<b>99.59%</b>
Utilities Expense				
Utilities-PG&E	328.57	458.37	-129.80	71.68%
Utilities-Telephone	520.48	504.13	16.35	103.24%
Utilities-Disposal	69.44	77.88	-8.44	89.16%
Utilities-M1Water	19.57	27.50	-7.93	71.16%
<b>Total Utilities Expense</b>	<b>938.06</b>	<b>1,067.88</b>	<b>-129.82</b>	<b>87.84%</b>
Sewer Consulting Expense				
Sewer Legal Fees	1,391.10	2,750.00	-1,358.90	50.59%
Sewer Engineer Fees	0.00	4,583.37	-4,583.37	0.0%
Sewer Accounting Fees	1,685.07	1,640.87	44.20	102.69%
Sewer Other Consulting Fees	372.48	4,583.37	-4,210.89	8.13%
Director Fees	400.00	550.00	-150.00	72.73%
<b>Total Sewer Consulting Expense</b>	<b>3,848.65</b>	<b>14,107.61</b>	<b>-10,258.96</b>	<b>27.28%</b>
Insurance Expense				
Insurance-Auto & General	2,663.55	3,025.00	-361.45	88.05%
<b>Total Insurance Expense</b>	<b>2,663.55</b>	<b>3,025.00</b>	<b>-361.45</b>	<b>88.05%</b>
<b>Total Zone 3 Administrative Expense</b>	<b>71,710.11</b>	<b>87,609.50</b>	<b>-15,899.39</b>	<b>81.85%</b>
<b>Total Expense</b>	<b>1,794,961.50</b>	<b>1,951,384.16</b>	<b>-156,422.66</b>	<b>91.98%</b>
<b>Net Ordinary Income</b>	<b>1,080,995.74</b>	<b>1,739,263.35</b>	<b>-658,267.61</b>	<b>62.15%</b>

# Castroville Community Services District Balance Sheet by Class

As of May 31, 2022

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Accrual Basis

	Sewer Fund		Water Fund		Gov Fund		Total
	Zone 1	Zone 2	Zone 1	Zone 2	Zone 1	Zone 2	
<b>ASSETS</b>							
<b>Current Assets</b>							
<b>Checking/Savings</b>							
Chase General Fund-Checking	99,014.93	44,769.80	179,938.10	42,434.52	106,195.25	42,434.52	472,352.60
Chase Customer Deposit Fund-Water & Sewer	0.00	0.00	64,205.77	0.00	0.00	0.00	64,205.77
LAIF - Water Reserve Fund	0.00	0.00	1,896,422.85	0.00	0.00	0.00	1,896,422.85
LAIF - Water Capital Imprv Fund	0.00	0.00	3,184,525.20	0.00	0.00	0.00	3,184,525.20
CAMP-Sewer-1 Capital Imprv Fund	120,809.15	0.00	0.00	0.00	0.00	0.00	120,809.15
CAMP-Sewer- 1 Reserve Fund	239,001.81	0.00	0.00	0.00	0.00	0.00	239,001.81
LAIF-Sewer- 1 Reserve Fund	112,848.00	0.00	0.00	0.00	0.00	0.00	112,848.00
LAIF-Sewer-1 Capital Impr Fund	4,887,872.54	0.00	0.00	0.00	0.00	0.00	4,887,872.54
LAIF-Zone 1 Gov Fund	0.00	0.00	0.00	0.00	73,181.89	0.00	73,181.89
LAIF-Zone 2 Gov Fund	0.00	0.00	0.00	0.00	0.00	304,484.58	304,484.58
LAIF-Zone 3 MI Sewer	0.00	901,629.02	0.00	0.00	0.00	0.00	901,629.02
<b>Total Checking/Savings</b>	<b>5,459,546.43</b>	<b>946,398.82</b>	<b>5,325,091.92</b>	<b>346,919.10</b>	<b>179,377.14</b>	<b>346,919.10</b>	<b>12,257,333.41</b>
<b>Accounts Receivable</b>							
1160 - A/R - Other	0.00	0.00	40,240.33	0.00	0.00	0.00	40,240.33
<b>Total Accounts Receivable</b>	<b>0.00</b>	<b>0.00</b>	<b>40,240.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>40,240.33</b>
<b>Other Current Assets</b>							
Petty Cash	0.00	0.00	800.00	0.00	0.00	0.00	800.00
Sewer Fund Investments	2,467,619.68	0.00	0.00	0.00	0.00	0.00	2,467,619.68
A/R - Metered Sales	0.00	0.00	65,218.93	0.00	0.00	0.00	65,218.93
Zone 1 Fund Receivable-USDA	32,000.00	0.00	0.00	0.00	0.00	0.00	32,000.00
Water-Allowance for Doubtful Account	0.00	0.00	-1,188.80	0.00	0.00	0.00	-1,188.80
Prepaid Ins-Sewer Zone 2	745.42	0.00	0.00	0.00	0.00	0.00	745.42
Prepaid Ins-Sewer Zone 1	2,608.98	0.00	0.00	0.00	0.00	0.00	2,608.98
Prepaid Insurance-Sewer Zone 3	0.00	745.41	0.00	0.00	0.00	0.00	745.41
Prepaid Ins-Water	0.00	0.00	3,354.62	0.00	0.00	0.00	3,354.62
Inventory	2,071.08	0.00	31,704.28	0.00	0.00	0.00	33,775.36
<b>Total Other Current Assets</b>	<b>2,505,045.16</b>	<b>745.41</b>	<b>99,889.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,605,679.60</b>
<b>Total Current Assets</b>	<b>7,964,591.59</b>	<b>947,144.23</b>	<b>5,465,221.28</b>	<b>346,919.10</b>	<b>179,377.14</b>	<b>346,919.10</b>	<b>14,903,253.34</b>
<b>Fixed Assets</b>							
Water Projects/Construction In Progress	0.00	0.00	119,460.65	0.00	0.00	0.00	119,460.65
SCADA System	0.00	0.00	28,216.89	0.00	0.00	0.00	28,216.89
Building & Improvements	0.00	0.00	444,557.00	0.00	0.00	0.00	444,557.00
Land	0.00	0.00	163,452.40	0.00	0.00	0.00	163,452.40
Land-Sewer	47,158.00	0.00	0.00	0.00	0.00	0.00	47,158.00
Projects, Wells & Pipes	0.00	0.00	9,352,114.89	0.00	0.00	0.00	9,352,114.89
Meters	0.00	0.00	385,296.63	0.00	0.00	0.00	385,296.63
Hydrants	0.00	0.00	37,291.63	0.00	0.00	0.00	37,291.63

# Castroville Community Services District Balance Sheet by Class

As of May 31, 2022

	Sewer Fund		Sewer Fund		Water Fund		Gov Fund		Total
	Zone 1	Zone 2	Moss Landing Zone 3	Castroville Zone 1	Castroville Zone 1	Castroville Zone 2	Gov Fund Zone 2		
Trucks/Autos	0.00		0.00	147,450.78	0.00		0.00	147,450.78	
Vac-trailer	0.00		0.00	31,853.25	0.00		0.00	31,853.25	
Shop Equipment	0.00		0.00	57,311.13	0.00		0.00	57,311.13	
Office Equipment	0.00		0.00	224,969.93	0.00		0.00	224,969.93	
Pumping Equipment	0.00		0.00	162,729.87	0.00		0.00	162,729.87	
Telemetry System	0.00		0.00	181,825.27	0.00		0.00	181,825.27	
Accumulated Depreciation Water	0.00		0.00	-7,571,883.17	0.00		0.00	-7,571,883.17	
Sewer Projects in Progress	114,125.79		0.00	0.00	0.00		0.00	114,125.79	
Sewer 2001 Pickup Truck w/ Crane	91,526.92		0.00	0.00	0.00		0.00	91,526.92	
1982 Sewer Vac Trailer	7,515.05		0.00	0.00	0.00		0.00	7,515.05	
Sewer Cleaner Trucks	380,163.79		0.00	0.00	0.00		0.00	380,163.79	
Sewer Equipment	89,679.98		0.00	0.00	0.00		0.00	89,679.98	
Generator Via Linda Place	9,600.00		0.00	0.00	0.00		0.00	9,600.00	
SCADA-Zone 1 Sewer	6,167.83		0.00	0.00	0.00		0.00	6,167.83	
SCADA-Zone 2 Sewer	3,464.34		0.00	0.00	0.00		0.00	3,464.34	
Generator Castroville Blvd	31,902.08		0.00	0.00	0.00		0.00	31,902.08	
Lift Station Sea Garden-Davis	178,795.04		0.00	0.00	0.00		0.00	178,795.04	
Generator Moro Cojo	21,000.00		0.00	0.00	0.00		0.00	21,000.00	
Sewer Building & Imp Zone 1 & 2	299,819.50		0.00	0.00	0.00		0.00	299,819.50	
Castroville Sewer Lines	510,544.19		0.00	0.00	0.00		0.00	510,544.19	
Castroville Blvd Sewer Lines	73,193.37		0.00	0.00	0.00		0.00	73,193.37	
Moro Cojo Sewer Lines	68,931.60		0.00	0.00	0.00		0.00	68,931.60	
Lift Station Via Linda	49,029.88		0.00	0.00	0.00		0.00	49,029.88	
Lift Station Del Monte Ave	60,599.44		0.00	0.00	0.00		0.00	60,599.44	
Lift Station Castroville Blvd	113,284.79		0.00	0.00	0.00		0.00	113,284.79	
Lift Station Campo & Los Arbor	79,312.99		0.00	0.00	0.00		0.00	79,312.99	
Accumulated Depreciation Zone 1 Sewer	-826,362.67		0.00	0.00	0.00		0.00	-826,362.67	
Accumulated Depr. Zone 2-Sewer	-228,469.17		0.00	0.00	0.00		0.00	-228,469.17	
Zone 1 Storm Drain Improv Projects	149,328.35		0.00	0.00	0.00		0.00	149,328.35	
Sewer Equipment-Zone 3	0.00		74,258.88	0.00	0.00		0.00	74,258.88	
Sewer Lines Moss Landing Zone 3	0.00		422,753.65	0.00	0.00		0.00	422,753.65	
Lift Station #1 Struve Road	0.00		12,675.06	0.00	0.00		0.00	12,675.06	
Lift Station #2 Hwy 1	0.00		28,737.56	0.00	0.00		0.00	28,737.56	
Sewer Building & Imp Zone 3	0.00		6,913.00	0.00	0.00		0.00	6,913.00	
Lift Station #3 by Phil's	0.00		11,523.44	0.00	0.00		0.00	11,523.44	
Lift Station #4 Poirero Road	0.00		14,789.42	0.00	0.00		0.00	14,789.42	
SCADA Zone 3 Moss Landing	0.00		60,716.23	0.00	0.00		0.00	60,716.23	
Moss Landing Wastewater System Rehabilitation Project	0.00		158,324.86	0.00	0.00		0.00	158,324.86	
Accumulated Depreciation Zone 3 Moss Landing	0.00		-225,510.58	0.00	0.00		0.00	-225,510.58	
Castroville Overhead Sign-Artichoke Center of the World	0.00		0.00	0.00	24,139.34		0.00	24,139.34	

**Castroville Community Services District**  
**Balance Sheet by Class**  
As of May 31, 2022

	Sewer Fund Zone 1	Sewer Fund Zone 2	Sewer Fund Moss Landing Zone 3	Water Fund Castroville Zone 1	Gov Fund Castroville Zone 1	Gov Fund Zone 2	Total
<b>Accumulated Depreciation-Government Zone 1 Castroville</b>							
<b>Total Fixed Assets</b>	1,330,311.09	0.00	565,181.52	3,764,647.15	-3,134.92	0.00	5,681,144.18
<b>Other Assets</b>							
Deferred Outflows-Sewer 1	186,708.50	0.00	0.00	0.00	0.00	0.00	186,708.50
Deferred Outflows-ML Sewer 3	0.00	0.00	53,349.00	0.00	0.00	0.00	53,349.00
Deferred Outflows-Water	0.00	0.00	0.00	240,057.90	0.00	0.00	240,057.90
Deferred Outflows-Sewer 2	53,349.50	0.00	0.00	0.00	0.00	0.00	53,349.50
Water-Deferred Outflows-Contribution OPEB	0.00	0.00	0.00	12,449.00	0.00	0.00	12,449.00
Sewer 1-Deferred Outflows-Contributions OPEB	9,683.00	0.00	0.00	0.00	0.00	0.00	9,683.00
ML Sewer 3-Deferred Outflows-Contributions OPEB	0.00	0.00	2,767.00	0.00	0.00	0.00	2,767.00
Sewer 2-Deferred Outflows-Contributions OPEB	2,767.00	0.00	0.00	0.00	0.00	0.00	2,767.00
1982 Bond Costs	0.00	0.00	0.00	14,775.96	0.00	0.00	14,775.96
1982 Bond Costs Amortized	0.00	0.00	0.00	-14,775.96	0.00	0.00	-14,775.96
Bond Refinance Legal Fees-Muni	0.00	0.00	0.00	15,000.00	0.00	0.00	15,000.00
Amortization-Bond Ref Legal Fe	0.00	0.00	0.00	-15,000.00	0.00	0.00	-15,000.00
Well 2B Finance Legal Fees	0.00	0.00	0.00	14,524.38	0.00	0.00	14,524.38
Amortization-Well 2B Legal Fee	0.00	0.00	0.00	-14,524.38	0.00	0.00	-14,524.38
CSA 14/CCSD Organization Cost	107,669.19	0.00	0.00	0.00	0.00	0.00	107,669.19
CSA 14/CCSD Amortization	-53,736.00	0.00	0.00	0.00	0.00	0.00	-53,736.00
Moro Cojo Annexation Project	16,000.00	0.00	0.00	0.00	0.00	0.00	16,000.00
Moro Cojo Annex Amortization	-7,462.00	0.00	0.00	0.00	0.00	0.00	-7,462.00
<b>Total Other Assets</b>	314,979.19	0.00	56,116.00	252,506.90	0.00	0.00	623,602.09
<b>TOTAL ASSETS</b>	9,609,881.87	0.00	1,568,441.75	9,482,375.33	200,381.56	346,919.10	21,207,999.61
<b>LIABILITIES &amp; EQUITY</b>							
<b>Liabilities</b>							
<b>Current Liabilities</b>							
Accounts Payable	0.00	0.00	0.00	2,345.20	-30,510.49	-3,429.47	-31,594.76
Total Accounts Payable	0.00	0.00	0.00	2,345.20	-30,510.49	-3,429.47	-31,594.76
<b>Other Current Liabilities</b>							
OPEB Deferred Inflows Water	0.00	0.00	0.00	9,633.00	0.00	0.00	9,633.00
OPEB Deferred Inflows Sewer 3	0.00	0.00	2,141.00	0.00	0.00	0.00	2,141.00
OPEB Deferred Inflows Sewer 2	2,141.00	0.00	0.00	0.00	0.00	0.00	2,141.00
OPEB Deferred Inflows Sewer 1	7,492.00	0.00	0.00	0.00	0.00	0.00	7,492.00
Deferred Inflows-Sewer 2	45,565.40	0.00	0.00	0.00	0.00	0.00	45,565.40
Deferred Inflows-ML Sewer 3	0.00	0.00	45,563.60	0.00	0.00	0.00	45,563.60
Deferred Inflows-Water	0.00	0.00	0.00	205,032.15	0.00	0.00	205,032.15
Accrued Vacation	41,682.56	0.00	9,262.80	41,682.61	0.00	0.00	92,627.97
Accrued Payroll	9,503.76	0.00	2,041.93	9,661.33	0.00	0.00	21,207.02
Customer Security Deposits	0.00	0.00	0.00	58,568.39	0.00	0.00	58,568.39

# Castroville Community Services District Balance Sheet by Class

As of May 31, 2022

	Sewer Fund		Water Fund		Gov Fund		Total
	Zone 1	Moss Landing Zone 3	Castroville Zone 1	Castroville Zone 1	Castroville Zone 1	Gov Fund Zone 2	
Hydrant Service Deposits	0.00	0.00	2,100.00	0.00	0.00	0.00	2,100.00
Water- Installation Deposits	0.00	0.00	2,000.00	0.00	0.00	0.00	2,000.00
Deferred Inflows-Sewer 1	159,468.85	0.00	0.00	0.00	0.00	0.00	159,468.85
<b>Total Other Current Liabilities</b>	<b>265,853.57</b>	<b>59,009.33</b>	<b>328,677.48</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>653,540.38</b>
<b>Total Current Liabilities</b>	<b>265,853.57</b>	<b>59,009.33</b>	<b>331,022.68</b>	<b>-30,510.49</b>	<b>-3,429.47</b>	<b>-3,429.47</b>	<b>621,945.62</b>
<b>Long Term Liabilities</b>							
Pension Liability -Sewer 2	2,303.50	0.00	0.00	0.00	0.00	0.00	2,303.50
Pension Liability-Sewer 1	8,064.75	0.00	0.00	0.00	0.00	0.00	8,064.75
Pension Liability-Water	0.00	0.00	10,367.25	0.00	0.00	0.00	10,367.25
Pension Liability-ML Sewer 3	0.00	2,301.50	0.00	0.00	0.00	0.00	2,301.50
Net OPEB Liability-Water	0.00	0.00	74,869.00	0.00	0.00	0.00	74,869.00
Net OPEB Liability-Sewer	58,231.00	0.00	0.00	0.00	0.00	0.00	58,231.00
Net OPEB Liability ML Sewer 3	0.00	16,638.00	0.00	0.00	0.00	0.00	16,638.00
Net OPEB Liability-Sewer 2	16,638.00	0.00	0.00	0.00	0.00	0.00	16,638.00
USDA Bond-Loan Payable	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Long Term Liabilities</b>	<b>85,237.25</b>	<b>50,939.50</b>	<b>85,236.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>221,413.00</b>
<b>Total Liabilities</b>	<b>351,090.82</b>	<b>109,948.83</b>	<b>416,258.93</b>	<b>-30,510.49</b>	<b>-3,429.47</b>	<b>-3,429.47</b>	<b>843,358.62</b>
<b>Equity</b>							
Water Fund Balance	0.00	0.00	2,570,086.77	0.00	0.00	0.00	2,570,086.77
Zone 2 Gov-Moro Cojo Fund Balance	0.00	0.00	0.00	0.00	98,712.31	0.00	98,712.31
Zone 1 Gov-Castroville Fund Balance	0.00	0.00	0.00	595,121.44	0.00	0.00	595,121.44
Sewer Zone 1 & 2 Fund Balance	5,355,114.75	0.00	0.00	0.00	0.00	0.00	5,355,114.75
Capital Additions Zone 3 Sewer Moss Landing	0.00	77,238.02	0.00	0.00	0.00	0.00	77,238.02
Sewer Moss Landing Zone 3 Fund Balance	0.00	162,849.47	0.00	0.00	0.00	0.00	162,849.47
Invested in Capital Assets-Water	0.00	0.00	3,534,772.00	0.00	0.00	0.00	3,534,772.00
Invested in Capital Assets-Sewer	767,562.00	0.00	0.00	0.00	0.00	0.00	767,562.00
3900 - Retained Earnings	2,805,773.15	1,033,752.59	2,515,691.48	-450,295.48	217,266.75	6,122,188.49	6,122,188.49
Net Income	330,341.15	184,652.84	445,566.15	86,066.09	34,369.51	1,080,995.74	1,080,995.74
<b>Total Equity</b>	<b>9,258,791.05</b>	<b>1,458,492.92</b>	<b>9,066,116.40</b>	<b>230,892.05</b>	<b>350,348.57</b>	<b>20,364,640.99</b>	<b>21,207,999.61</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>9,609,881.87</b>	<b>1,568,441.75</b>	<b>9,482,375.33</b>	<b>200,381.56</b>	<b>346,919.10</b>	<b>21,207,999.61</b>	<b>21,207,999.61</b>

**CASTROVILLE COMMUNITY SERVICES DISTRICT  
INTERNAL REPORT**

Receipts, Disbursements, and Bank Balances as of June 30, 2022

Ending balance as of May 31, 2022 \$14,724,953.09

**CHASE BANK, GENERAL FUND - Revenue and Expenses**

Beginning Balance	472,352.60
Water Receipts	121,454.28
Water-Sewer Miscellaneous Receipts	2,329.48
M1W Sanitation Fees for Moss Landing	25,175.34
Property Taxes and User Fees	26,701.64
Bank Fees	(78.75)
Expenses (Checks Written)	<u>(352,070.57)</u>
Ending Balance for General Fund	<b>295,864.02</b>

**CHASE BANK, CUSTOMER DEPOSIT FUND**

Beginning Balance	64,205.77
New Deposits (opened accounts)	1,960.00
Deposits Returned or Applied to Accounts	<u>(860.00)</u>
Ending Balance for Customer Deposit Fund	<b>65,305.77</b>

**LAIF FUND**

Beginning Balance	11,360,964.08
Quarterly Interest Earned	<u>0.00</u>
Ending Balance LAIF	<b>11,360,964.08</b>

**CAMP FUND**

Beginning Balance Sewer (Zone 1) Capital Improve Account	120,809.15
Monthly Interest Earned	<u>113.12</u>
Ending Balance Camp Federal Security Account	<b>120,922.27</b>
Beginning Balance Sewer (Zone 1) Reserves Account	239,001.81
Monthly Interest Earned	<u>223.79</u>
Ending Balance CAMP Federal Security Account	<b>239,225.60</b>

**CalTRUST-INVESTMENT**

Beginning Balance Sewer (Zone 1) Medium-Term Account	2,467,619.68
Income Distribution	2,287.93
Unrealized Gain (Loss)	<u>(14,940.18)</u>
Ending Balance CalTRUST	<b>2,454,967.43</b>

New Balance as of June 30, 2022

<b>14,537,249.17</b>
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# Castroville Community Services District

## List of Checks for June 2022

Date	Number	Name	Memo	Amount
<b>General Fund Checking</b>				
06/02/2022	1132	AT&T	Monthly Telephone Service	\$ 408.53
06/02/2022	1133	California Water Service Co	Water Meters at Zone 2 Lift Stations	\$ 38.75
06/02/2022	1134	Eudoxio Orozco Jr	Monthly Cellular Phone Expense	\$ 40.00
06/02/2022	1135	Exxon Mobile	Fuel for Trucks-Monthly	\$ 663.50
06/02/2022	1136	GreatAmerica Financial Services	Monthly Lease of Billing Equipment	\$ 581.20
06/02/2022	1137	Jonathan Varela	Monthly Cellular Phone Expense	\$ 40.00
06/02/2022	1138	Lidia Santos	Monthly Cellular Phone Expense	\$ 40.00
06/02/2022	1139	Linde Gas & Equipment Inc	Carbon Dioxide for Well Sites	\$ 869.76
06/02/2022	1140	Monterey Bay Analytical Services	Monthly Water Testing Fees	\$ 388.00
06/02/2022	1141	Noland, Hamerly, Etienne, Hoss	Legal Fees	\$ 1,711.00
06/02/2022	1142	Optimum Business Services	Office Supplies for Printer & Meter	\$ 338.15
06/02/2022	1143	Pacific Gas & Electric	Well Sites	\$ 10,150.43
		continued	Office	\$ 275.22
06/02/2022	1144	Sign by Van	1/2 Fees for Hwy 156 Entry Sign	\$ 6,624.94
06/02/2022	1145-1150	District Employees'	Bi-Weekly Net Payroll	\$ 13,142.95
06/02/2022	1151	VALIC	Bi-Weekly Deferred Comp	\$ 2,165.00
06/02/2022	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 6,037.82
06/02/2022	2	EDD	Bi-Weekly Payroll Taxes	\$ 1,075.47
06/02/2022	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,479.00
06/02/2022	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 2,018.38
06/02/2022	5	PERS	Employees Health Benefits-Monthly	\$ 15,259.01
06/02/2022	1152	Cosme Padilla	5-24-2022 Board Meeting	\$ 91.25
06/02/2022	1153	James Cochran	5-24-2022 Board Meeting	\$ 91.25
06/02/2022	1154	Ronald J. Stefani	5-24-2022 Board Meeting	\$ 91.25
06/09/2022	1155	Green Rubber-Kennedy Ag	Storage Tank-Well #5	\$ 2,370.20
06/16/2022	1156	ACWA JPIA	Employee's Dental/Vision/EAP	\$ 1,031.08
06/16/2022	1157	Aramark	Operators Uniforms Bath Serv & Mats	\$ 629.46
06/16/2022	1158	Buckles-Smith Electric Co	Parts & Supplies	\$ 48.30
06/16/2022	1159	Castroville Auto Parts	Parts & Supplies	\$ 187.42
06/16/2022	1160	Castroville Hardware	Parts & Supplies	\$ 287.49
			Misc. Expenses: Tire Repair, Cooler	
06/16/2022	1161	CCSD Petty Cash-Eric Tynan	5 year Employee Gift Card, Plywood	\$ 189.87
06/16/2022	1162	GreatAmerica Financial Svcs	Monthly Lease of Billing Equipment	\$ 462.26
06/16/2022	1163	ICONIX Waterworks (US) Inc	Parts & Supplies	\$ 211.40
06/16/2022	1164	MNS Engineers, Inc.	M L Wastewater System Rehab	\$ 45,085.18
		continued	Grant Writing-Washington St-Sewer	\$ 3,500.00
		continued	Deep Aquifer Supply & Tank Project	\$ 17,990.70
		continued	Castroville Overhead Sign-Services	\$ 1,375.00
		continued	Design 60% Washington Sewer Trk	\$ 980.00
		continued	Overhead Sign-Traffic & SD Plan	\$ 2,690.00
06/16/2022	1165	Monterey County Sheriff's Dept	Respond to Alarm	\$ 85.00
06/16/2022	1166	Monterey County Weekly	Public Notice-Preliminary Budgets	\$ 157.50
06/16/2022	1167	Monterey One Water	Bi-Monthly Sanitation Fees	\$ 40.30
06/16/2022	1168	ODP Business Solutions LLC	Office Supplies	\$ 262.23
06/16/2022	1169	Pacific Gas & Electric	Zone 1 & 2 Lift Stations	\$ 1,284.37
		continued	Moss Landing Lift Stations	\$ 944.56
		continued	Steel Garage	\$ 20.98



Date	Number	Name	Memo	Amount
06/16/2022	1170	Principal Life Group	Employees Life Insurance Premium	\$ 111.06
06/16/2022	1171	TPO Human Resource Managem	Prepare Knew Employee Handbook	\$ 3,750.00
06/16/2022	1172	Cardmember Service-Eric	Airfare GM & Director for EMWD Tou	\$ 695.62
06/16/2022	1173	Cardmember Service-Lidia	GM & Lead Operator Cell Phones	\$ 100.00
06/16/2022	1174	Cardmember Service-Roberto	Monthly CCSD Web Page	\$ 130.00
		continued	New Cell Phone & Blue Tooth-Ins	\$ 417.57
		continued	SCADA/Computer DYN 2 Yr Renewa	\$ 99.00
		continued	Pipe Wrenches (3)	\$ 259.59
06/16/2022	1175	WM Corporate Services Inc	Monthly Waste Disposal Fees	\$ 64.66
06/16/2022	1176	Zoom Imaging Solutions	Xerox Maintenance & Copy Fees	\$ 316.47
06/16/2022	1177-1182	District Employees'	Bi-Weekly Net Payroll	\$ 13,252.59
06/16/2022	1183	VALIC	Bi-Weekly Deferred Comp	\$ 2,165.00
06/16/2022	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 6,060.64
06/16/2022	2	EDD	Bi-Weekly Payroll Taxes	\$ 1,088.41
06/16/2022	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,514.96
06/16/2022	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 1,982.42
06/30/2022	1184	Aramark	Mats, Restroom Service & Uniforms	\$ 320.34
06/30/2022	1185	AT&T	Monthly Telephone Service	\$ 418.25
06/30/2022	1186	Buckles-Smith Electric Co	Parts & Supplies	\$ 486.93
06/30/2022	1187	Charter Communications	Monthly Internet Service	\$ 89.99
06/30/2022	1188	Eric Tyan	Lunch Meeting & P.O. Box Key	\$ 83.82
06/30/2022	1189	Exxon Mobile	Fuel for Trucks-Monthly	\$ 1,099.44
06/30/2022	1190	Geiger	Water Bills	\$ 3,069.88
06/30/2022	1191	GreatAmerica Financial Svcs	Monthly Lease of Billing Equipment	\$ 484.76
06/30/2022	1192	Linde Gas & Equipment Inc	Supplies for Well Sites	\$ 111.80
06/30/2022	1193	MNS Engineers, Inc.	Engineering Support Services-Bidding	\$ 2,860.00
		continued	Emergency Deep Aquifer Supply	\$ 41,300.40
		continued	ML Wastewater System Rehabilitation	\$ 77,605.38
		continued	Overhead Sign-Traffic & SD Plan	\$ 1,375.00
06/30/2022	1194	Noland, Hamerly, Etienne, Hoss	Legal Fees	\$ 1,450.00
06/30/2022	1195	Pacific Gas & Electric	Well Sites	\$ 11,502.73
06/30/2022		continued	Office	\$ 203.45
06/30/2022	1196	Rotary Club Castroville	Membership Dues 2021-2022	\$ 165.00
06/30/2022	1197	Signs By Van	Entry Sign on Hwy 156/Castroville Blv	\$ 6,624.93
06/30/2022	1198	Toro Petroleum Corp	Supplies for Sites	\$ 1,385.37
06/30/2022	1199-1204	District Employees'	Bi-Weekly Net Payroll	\$ 12,972.51
06/30/2022	1205	Cosme Padilla (Board Member)	6-21-2022 Board Meeting	\$ 91.25
06/30/2022	1206	James Cochran (Board Member)	6-21-2022 Board Meeting	\$ 91.25
06/30/2022	1207	Ronald J. Stefani (Board Member)	6-21-2022 Board Meeting	\$ 91.25
06/30/2022	1208	VALIC	Bi-Weekly Deferred Comp	\$ 2,165.00
06/30/2022	1	Electronic Federal Tax Payment	Bi-Weekly Payroll Taxes	\$ 5,986.86
06/30/2022	2	EDD	Bi-Weekly Payroll Taxes	\$ 1,075.45
06/30/2022	3	PERS -Employees' Contribution	Bi-Weekly Retirement Benefits	\$ 1,496.98
06/30/2022	4	PERS-Employer Contribution	Bi-Weekly Retirement Benefits	\$ 2,000.40
<b>Total General Fund-Checking</b>				<b>\$ 352,070.57</b>
Customer Deposit Fund				
06/30/2022	82	Alex Reclusado	Deposit Refund	\$ 9.25
06/30/2022	83	Castroville CSD	June Closures	\$ 50.75
<b>Total Customer Deposit Fund</b>				<b>\$ 60.00</b>



# Calendar for Year 2022 (United States)

January						
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Holidays:		
Jan 1 New Year's Day	Jun 20 'Juneteenth' day off	Nov 24 Thanksgiving Day
Jan 17 Martin Luther King Jr. Day	Jul 4 Independence Day	Dec 25 Christmas Day
Feb 21 Presidents' Day	Sep 5 Labor Day	Dec 26 'Christmas Day' day off
May 30 Memorial Day	Oct 10 Columbus Day	
Jun 19 Juneteenth	Nov 11 Veterans Day	

Calendar generated on [www.timeanddate.com/calendar](http://www.timeanddate.com/calendar)