

**CUPERTINO SANITARY DISTRICT
SANITARY BOARD MEETING
WEDNESDAY, NOVEMBER 17, 2021**

AGENDA

The meeting will be held at 7:00 p.m. via teleconference [call 1 (866) 899 - 4679 Conference Access Code: 251566821] and anyone interested may also call in. The District Office at 20863 Stevens Creek Blvd, Suite 100, Cupertino is closed.

1. ROLL CALL

2. AB 361

The Board of Directors makes the following findings required by AB 361 in order to continue holding meetings by teleconferencing electronically: (1) the March 4, 2020 Governor's Proclamation of a State of Emergency is still in effect, (2) the County of Santa Clara has a Universal Indoor Face Covering Order in effect and continues to encourage social distancing, and (3) due to room capacity limitations, meeting in person would present imminent risks to the health or safety of attendees.

3. PUBLIC COMMENTS

THIS PORTION OF THE MEETING IS RESERVED FOR PERSONS DESIRING TO ADDRESS THE BOARD ON ANY MATTER NOT ON THE AGENDA. SPEAKERS ARE LIMITED TO THREE (3) MINUTES.

ALL STATEMENTS REQUIRING A RESPONSE WILL BE REFERRED TO STAFF FOR FURTHER ACTION. IN MOST CASES, STATE LAW WILL PROHIBIT THE BOARD FROM MAKING ANY DECISIONS WITH RESPECT TO A MATTER NOT LISTED ON THE AGENDA.

4. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL-SIGNIFICANT EXPOSURE TO LITIGATION

In accordance with government code section paragraph (2) of subdivision (d), there is significant exposure to litigation from California Riverwatch pertaining to the Clean Water Act.

B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

In accordance with government code section Paragraph (1) of Subdivision (d) of Section 54956.9, existing litigation. Name of Case: County Sanitation District 2-3, West Valley Sanitation District, Cupertino Sanitary District, Burbank Sanitary District and the City of Milpitas v. The City of San Jose, The City of Santa Clara and Does 1 through 50 inclusive.

5. MINUTES & BILLS

A. APPROVAL OF THE MINUTES OF NOVEMBER 3, 2021

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- B. APPROVED MINUTES OF OCTOBER 20, 2021
- C. PAYMENT OF BILLS AND APPROVAL OF FINANCIAL STATEMENT
- D. DIRECTOR'S MONTHLY TIMESHEETS

6. CORRESPONDENCE

NONE

7. MEETINGS

- A. TELECONFERENCE MEETING OF THE SAN JOSE/SANTA CLARA TREATMENT PLANT ADVISORY COMMITTEE (TPAC) TO BE HELD ON NOVEMBER 18, 2021

8. REPORTS

- A. TELECONFERENCE MEETING OF THE SAN JOSE/SANTA CLARA TREATMENT PLANT TECHNICAL ADVISORY COMMITTEE (TAC) HELD ON NOVEMBER 15, 2021

9. UNFINISHED BUSINESS

- A. COVID-19 UPDATES
- B. AGREEMENT - I-280/WOLFE ROAD SEWER RELOCATION

10. NEW BUSINESS

- A. CASA WINTER CONFERENCE TO BE HELD JANUARY 19-21, 2022, IN PALM SPRINGS, CA

11. STAFF REPORT

- A. FUTURE DEVELOPMENT PROJECTS
- B. OCTOBER PEAK FLOW RATE MEASUREMENT
- C. MONTHLY MAINTENANCE REPORT

12. CALENDAR ITEMS

- A. NEXT REGULAR DISTRICT BOARD MEETING IS SCHEDULED TO BE HELD ON WEDNESDAY, DECEMBER 1, 2021
- B. CALENDAR CONFLICT: CASA WINTER CONFERENCE COINCIDES WITH 2ND REGULAR BOARD MEETING IN JANUARY

13. ADJOURNMENT

CUPERTINO SANITARY DISTRICT BOARD MEETING
WEDNESDAY, NOVEMBER 03, 2021

The Sanitary Board of the Cupertino Sanitary District convened this date at 7:00 p.m. This meeting was conducted via teleconferencing in accordance with AB 361. The District office at 20863 Stevens Creek Blvd, Suite 100, Cupertino was closed.

1. ROLL CALL:

President Saadati called the meeting to order, and the following proceedings were had to wit: Roll call was taken, with the following members in attendance:

Directors present: Angela S. Chen, Taghi S. Saadati, William A. Bosworth, and Patrick S. Kwok. Director Gatto notified Manager Porter that he would be absent. On motion by Director Bosworth motioned, seconded by President Saadati, by a vote of 4-0-0, the Board excused Director Gatto from the meeting.

Staff present: District Manager Benjamin Porter, Deputy District Manager Robert Woodhouse, Senior Sanitary Engineer Vani Kathula, and Counsel Marc Hynes.

District Consultant: Richard Tanaka

Public: None

AB361: The Board of Directors makes the following findings required by AB 361 in order to continue holding meetings by teleconferencing electronically: (1) the March 4, 2020 Governor's Proclamation of a State of Emergency is still in effect, (2) the County of Santa Clara has a Universal Indoor Face Covering Order in effect and continues to encourage social distancing, and (3) due to room capacity limitations, meeting in person would present imminent risks to the health or safety of attendees.

On a motion by Director Bosworth, seconded by Director Saadati, by a vote of 4-0-0 the Board approved.

2. PUBLIC COMMENTS:

There were none.

3. CLOSED SESSION:

President Saadati adjourned the regular meeting session and opened the closed session at 7:06 p.m. Staff member Kathula was excused from closed session.

A. Conference with legal counsel – Significant Exposure to Litigation in accordance with government code section paragraph (2) of subdivision (d), there is significant exposure to litigation from California Riverwatch pertaining to the Clean Water Act.

Board action: There was no reportable action.

Manager Porter and Deputy Manager Woodhouse were excused from the closed session at 7:08 p.m.

CUPERTINO SANITARY DISTRICT BOARD MEETING
WEDNESDAY, NOVEMBER 03, 2021

- A. Conference with legal counsel – Existing Litigation in accordance with government code section Paragraph (1) of Subdivision (d) of Section 54956.9, existing litigation. Name of Case: County Sanitation District 2-3, West Valley Sanitation District, Cupertino Sanitary District, Burbank Sanitary District, and the City of Milpitas v. The City of San Jose, The City of Santa Clara, and Does 1 through 50 inclusive.

Board action: There was no reportable action.

Closed session was adjourned at 7:16 p.m. and the regular meeting was called to order. District Manager Porter, Deputy District Manager Woodhouse, and staff member Kathula rejoined the regular meeting.

4. MINUTES:

- A. On a motion by Director Bosworth, seconded by Director Chen, by a vote of 4-0-0 the minutes of Wednesday, October 20, 2021, were approved.
- B. By consensus, the Minutes of Wednesday, October 6, 2021, are to be Noted & Filed.

5. CORRESPONDENCE:

There was none.

6. MEETINGS:

- A. Manager Porter and Staff member Kathula plan to attend the teleconference meeting of The San Jose/Santa Clara Treatment Plant Technical Advisory Committee (TAC) scheduled to be held on November 15, 2021.
- B. Director Kwok plans to attend the teleconference meeting of The San Jose/Santa Clara Treatment Plant Advisory Committee (TPAC) scheduled to be held on November 18, 2021.

7. REPORTS:

There were none.

8. UNFINISHED BUSINESS:

- A. Manager Porter reported on COVID-19 updates. Manager Porter suggested the Board discuss when they will consider face-to-face Board meetings in the future.
- B. Manager Porter reported on the San Jose Sewer Use Ordinance Revisions. Manager Porter is working with The City of San Jose on the sewer use ordinance revisions.
- C. The Board discussed the Sunnyvale Agreement. Manager Porter indicated that staff is working to finalize the agreement with the City of Sunnyvale.

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- D. The Board reviewed the final draft of the Annual Report. On motion by Director Bosworth, seconded by Director Chen, by a vote of 4-0-0, the Board approved the Annual Report.

9. NEW BUSINESS:

There was none.

10. STAFF REPORTS:

- A. Manager Porter reported on Claim of Tire Damage. On a motion by Director Bosworth, seconded by President Saadati, by a vote of 4-0-0 the Board approved the motion to deny the claim.

- B. Manager Porter and Deputy Manager Woodhouse reported on Future Development Projects.

Deputy Manager Woodhouse provided an update on the Vallco Make Ready Utilities. District staff has provided Vallco with comments on their submittals.

Manager Porter provided an update on the Westport project. Manager Porter will email the Draft Installers Agreement to Counsel Hynes for legal input.

- C. Manager Porter reported on Peak Flow Reduction and provided an update on the meeting staff had with the City of Santa Clara.

- D. Deputy Manager Woodhouse reported on the I-280/Wolfe Road Sewer Relocation and described the Wolfe Road sewer relocation alignment.

11. CALENDAR ITEMS:

- A. The next regular District Board meeting is scheduled to be held on Wednesday, November 17, 2021.

12. ADJOURNMENT:

On a motion properly made and seconded, at 7:48 p.m. the meeting was adjourned.

Secretary of the Sanitary Board

President of the Sanitary Board

CUPERTINO SANITARY DISTRICT BOARD MEETING
WEDNESDAY, OCTOBER 20, 2021

The Sanitary Board of the Cupertino Sanitary District convened this date at 7:02 p.m. This meeting was conducted via teleconferencing in accordance with AB 361. The District office at 20863 Stevens Creek Blvd, Suite 100, Cupertino was closed.

1. ROLL CALL:

President Saadati called the meeting to order, and the following proceedings were had to wit: Roll call was taken, with the following members in attendance:

Directors present: Angela S. Chen, Taghi S. Saadati, William A. Bosworth, John M. Gatto, and Patrick S. Kwok.

Staff present: District Manager Benjamin Porter, Deputy District Manager Robert Woodhouse, and Counsel Marc Hynes.

District Consultant: Richard Tanaka

Public: None

2. PUBLIC COMMENTS:

There were none.

3. CLOSED SESSION:

President Saadati adjourned the regular meeting session and opened the closed session at 7:03 p.m.

- A. Conference with legal counsel – Significant Exposure to Litigation in accordance with government code section paragraph (2) of subdivision (d), there is significant exposure to litigation from California Riverwatch pertaining to the Clean Water Act.

Board action: There was no reportable action.

Manager Porter and Deputy Manager Woodhouse were excused from the remainder of closed session.

- B. Conference with legal counsel – Existing Litigation in accordance with government code section Paragraph (1) of Subdivision (d) of Section 54956.9, existing litigation. Name of Case: County Sanitation District 2-3, West Valley Sanitation District, Cupertino Sanitary District, Burbank Sanitary District, and the City of Milpitas v. The City of San Jose, The City of Santa Clara, and Does 1 through 50 inclusive.

Board action: There was no reportable action.

The closed session was adjourned at 7:37 p.m. and the regular meeting was called to order. District Manager Porter and Deputy District Manager Woodhouse rejoined the regular meeting.

CUPERTINO SANITARY DISTRICT BOARD MEETING
WEDNESDAY, OCTOBER 20, 2021

4. MINUTES & BILLS:

- A. On a motion by Director Gatto, seconded by President Saadati, by a vote of 5-0-0 the minutes of Wednesday, October 6, 2021, were approved as written.
- B. By consensus, the Minutes of Wednesday, September 15, 2021, are to be Noted & Filed.
- C. The Board reviewed September payable warrants and financial statements. On a motion by Director Gatto, seconded by Director Kwok, by a vote of 5-0-0, the financial statement and payment of bills were approved as written.
- D. Board members will submit their October timesheets to Manager Porter.

5. CORRESPONDENCE:

There was none.

6. MEETINGS:

There are none.

7. REPORTS:

- A. Manager Porter reported on the teleconference meeting of The San Jose/Santa Clara Treatment Plant Technical Advisory Committee (TAC) held on October 12, 2021.
- B. Director Kwok reported on teleconference meeting of The San Jose/Santa Clara Treatment Plant Advisory Committee (TPAC) held on October 14, 2021.

8. UNFINISHED BUSINESS:

- A. Manager Porter reported on COVID-19 updates.
- B. The Board discussed the I-280/Wolfe Road Sewer Relocation. Manager Porter discussed a letter that was sent to VTA regarding the District's position that VTA should reimburse the District for the costs of the sewer relocation. The sewer relocation will require specialized engineering expertise to cross I-280. On a motion by Director Gatto, seconded by President Saadati, by a vote of 5-0-0, the Board authorized District Manager to provide \$25,000 initial contract to Bennett Engineering to begin work on the I-280/Wolfe Road Sewer Relocation project.
- C. The Board reviewed the Draft Annual Report.

CUPERTINO SANITARY DISTRICT BOARD MEETING
WEDNESDAY, OCTOBER 20, 2021

9. NEW BUSINESS:

- A. The Board reviewed request for reimbursement of permit fee for Cupertino Permit # BLD-2021-1108. On a motion by Director Gatto, seconded by Director Chen, by a vote of 5-0-0, the Board approved reimbursement in the amount of \$400.
- B. The Board reviewed sewer service charge correction for Mardesich Companies. On a motion by Director Chen, seconded by Director Gatto, by a vote of 5-0-0, the Board approved payment of correction fee in the amount of \$75 to Santa Clara County, Santa Clara Controller-Treasurer Department Tax Roll Control Unit to make the correction to the special assessment.

10. STAFF REPORTS:

- A. Manager Porter reported on Future Development Projects.
- B. Deputy Manager Woodhouse reported on the Peak Flow Reduction program.
- C. Manager Porter reported on the monthly maintenance report.

11. CALENDAR ITEMS:

- A. The next regular District Board meeting is scheduled to be held on Wednesday, November 3, 2021.

12. AB 361:

On a motion by Director Gatto, seconded by President Saadati, by a vote of 5-0-0, the Board of Directors makes the following findings required by AB 361 in order to continue holding meetings by teleconferencing electronically: (1) the March 4, 2020 Governor's Proclamation of a State of Emergency is still in effect, (2) the County of Santa Clara has a Universal Indoor Face Covering Order in effect and continues to encourage social distancing, and (3) due to room capacity limitations, meeting in person would present imminent risks to the health or safety of attendees.

13. ADJOURNMENT:

On a motion properly made and seconded, at 8:30 p.m. the meeting was adjourned.

Secretary of the Sanitary Board

President of the Sanitary Board

CUPERTINO SANITARY DISTRICT
MONTHLY FINANCIAL REPORT THROUGH JUNE 2022
(4th Month of Operations - 33% into FY Operations)
 FISCAL YEAR: July 1, 2021 to June 30, 2022

EXPENSE SUMMARY REPORT

Account Name	Account Number	BUDGET	Prior Expenses	Amount Payable	Total To Date Expenses	Remaining Balance	(#H{shqghgf Gdwh	Comments
OCT SERVICES								
OPERATING EXPENSES								
Loan Payments	41000	\$1,200,542	\$0.00	\$0.00	\$0.00	\$1,200,541.67	0.0%	None this month
Directors Fees	41030	\$38,000	\$8,909.86	\$2,637.04	\$11,546.90	\$26,453.10	30.4%	On Target
Gasoline, Oil & Fuel	41060	\$3,000	\$0.00	\$0.00	\$0.00	\$3,000.00	0.0%	None to date
Insurance	41060	\$170,000	\$8,492.10	\$5,105.18	\$13,597.28	\$156,402.72	8.0%	Dooley Insurance (Group Life and Dental); CSRMA Property Ins. Annual Premium
Memberships	41080	\$57,000	\$16,676.03	\$192.00	\$16,868.03	\$40,131.97	29.6%	CWEA Membership
Office Rent	41090	\$4,800	\$1,200.00	\$400.00	\$1,600.00	\$3,200.00	33.3%	On Target
Operating Expenses	41100	\$3,000	\$564.85	\$561.44	\$1,126.29	\$1,873.71	37.5%	Materials, handouts, and supplies for Fall Festival
Operating Expenses - Credit Card Transaction Fees	41100-1	\$6,000	\$1,129.22	\$362.59	\$1,491.81	\$4,508.19	24.9%	Credit Card Processing Fees - October
Contractual Services:								
Outfall Maintenance	41113	\$71,000	\$46,535.89	\$0.00	\$46,535.89	\$24,464.11	65.5%	None this month
T.P. Oper. & Maint.	41114	\$6,675,375	\$3,337,688.00	\$0.00	\$3,337,688.00	\$3,337,687.00	50.0%	None this month
Professional Services:								
Management Services	41121	\$550,000	\$125,023.77	\$41,940.30	\$166,964.07	\$383,035.93	30.4%	On Target
SSMP Certification and Implementation	41121	\$100,000	\$127.00	\$1,263.60	\$1,390.60	\$98,609.40	1.4%	On Target
Engineering Services	41122	\$1,300,000	\$348,568.22	\$82,912.94	\$431,481.16	\$868,518.84	33.2%	On Target
Inflow/Infiltration Reduction	41122	\$500,000	\$241,744.75	\$12,062.27	\$253,807.02	\$246,192.98	50.8%	Peak flow reduction program
Plan Ckg. & Insp.	41123	\$300,000	\$42,013.77	\$11,433.82	\$53,447.59	\$246,552.41	17.8%	On Target
Legal - Consultant Services	41124	\$36,000	\$10,000.00	\$2,100.00	\$12,100.00	\$23,900.00	33.6%	Richard Tanaka - Consulting Services for October 2021
Legal - District Counsel	41124	\$60,000	\$7,731.00	\$3,843.00	\$11,574.00	\$48,426.00	19.3%	October Legal Services
Legal - Common Interest Group (CuSD Advance Pay)	41124	\$1,014,000	\$205,587.67	\$164,691.15	\$370,278.82	\$643,721.18	36.5%	Hunton Andrews, LLP - August and September services
Legal - Common Interest Group (CuSD Share)	41124	\$286,000	\$57,986.27	\$46,451.35	\$104,437.62	\$181,562.38	36.5%	Hunton Andrews, LLP - August and September services
Audit	41125	\$12,000	\$0.00	\$0.00	\$0.00	\$12,000.00	0.0%	None to date
Printing & Publications	41130	\$28,000	\$0.00	\$0.00	\$0.00	\$28,000.00	0.0%	None to date
Repair and Maintenance								
Repairs	41150	\$450,000	\$59,063.51	\$9,876.46	\$68,939.97	\$381,060.03	15.3%	On target
Maintenance	41151	\$3,450,000	\$851,296.69	\$264,642.30	\$1,115,938.99	\$2,334,061.01	32.3%	On target
Travel & Meetings Staff	41170	\$15,000	\$127.50	\$865.00	\$992.50	\$14,007.50	6.6%	CASA Registrations for District Manager and District Counsel
Travel & Meetings BOD	41170	\$18,000	\$4,911.99	\$0.00	\$4,911.99	\$13,088.01	27.3%	None this month
Utilities	41190	\$70,000	\$16,093.93	\$4,884.79	\$20,978.72	\$49,021.28	30.0%	On target
Refunds & Reimbursements:								
Miscellaneous	41201	\$50,000	\$0.00	\$75.00	\$75.00	\$49,925.00	0.2%	Correction Fee - Special Assessment Correction for APN No.359-08-018
Connection Fees	41202	\$2,000	\$0.00	\$0.00	\$0.00	\$2,000.00	0.0%	None to date
Checking & Inspection	41203	\$3,000	\$0.00	\$400.00	\$400.00	\$2,600.00	13.3%	Refund for Sewer Permit Paid - 11801 Sierra Spring Ct., Cupertino
Emergency Funds	48000	\$250,000	\$20,051.80	\$17,094.03	\$37,145.83	\$212,854.17	14.9%	Seven emergencies this month (one from ABLE billings and six from AB/JDD billings)
Consolidated Election	48001	\$0	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	None this Fiscal Year
TOTAL OPERATING EXPENSES		\$16,722,717	\$5,411,523.82	\$673,794.26	\$6,085,318.08	\$10,637,398.59	36.4%	
CAPITAL EXPENSES								
District Sewer Capital & Support	46041	\$1,000,000	\$52,458.06	\$40,458.79	\$92,916.85	\$907,083.15	9.3%	I-280/Wolfe Road Sewer Relocation; Lift Station Improvements-Crescent, Salem, and Pierce PS
Treatment Plant Capital	46042	\$8,430,221	\$6,388,255.00	\$0.00	\$6,388,255.00	2,041,966.00	75.8%	None this month
Outfall Capital	46042	\$1,095,045	\$96,500.95	\$0.00	\$96,500.95	\$998,544.05	8.8%	None this month
District Equipment	46043	\$150,000	\$8,583.67	\$12,594.07	\$21,177.74	\$128,822.26	14.1%	Back-up pumps for pump stations
Replacement Fund	46044	\$300,000	\$0.00	\$0.00	\$0.00	\$300,000.00	0.0%	
TOTAL CAPITAL EXPENSES		\$10,975,266	\$6,545,797.68	\$53,052.86	\$6,598,850.54	\$4,376,415.46	60.1%	
TOTAL EXPENSES		\$27,697,983	\$11,957,321.50	\$726,847.12	\$12,684,168.62	\$15,013,814.05	45.8%	

CUPERTINO SANITARY DISTRICT
MONTHLY FINANCIAL REPORT THROUGH JUNE 2022
(4th Month of Operations - 33% into FY Operations)

FISCAL YEAR: July 1, 2021 to June 30, 2022

REVENUE SUMMARY REPORT

Account Name	Account Number	BUDGET	Prior Receipts	Current Month Receipts Oct Receipts	Total Amount Received	Remaining Balance to Collect	% Earned To Date	Comments
OPERATING REVENUES								
Service Charges								
Handbilling	31010	\$574,901.00	\$0.00	\$0.00	\$0.00	\$574,901.00	0.0%	None to date
Tax Roll	31010	\$18,647,000.00	\$0.00	\$0.00	\$0.00	\$18,647,000.00	0.0%	None to date
Permit Fees	31020	\$75,000.00	\$23,425.94	\$9,999.75	\$33,425.69	\$41,574.31	44.6%	Twenty-nine payments received this month; Ninety-six payments received to date
Connection Fees	31031	\$300,000.00	\$11,034.00	\$0.00	\$11,034.00	\$288,966.00	3.7%	None this month
Capacity Fees	31032	\$450,000.00	\$5,212.00	\$2,446.40	\$7,658.40	\$442,341.60	1.7%	One payment received this month; Two payments received to date
Pump Zone Fees	31033	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00	0.0%	None to date
Checking & Inspection Fees	31040	\$300,000.00	\$104,400.00	\$13,900.00	\$118,300.00	\$181,700.00	39.4%	Thirty-two payments received this month; One hundred four payments received to date
Annexation	32010	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00	0.0%	None to date
Interest	32050	\$200,000.00	\$24,789.57	\$0.00	\$24,789.57	\$175,210.43	12.4%	None this month
City of San Jose Credit(s)	32091	\$500,000.00	\$0.00	\$0.00	\$0.00	\$500,000.00	0.0%	None to date
Legal - Common Interest Group (Tributaries)	32092.1	\$1,014,000.00	\$457,085.85	\$45,893.14	\$502,978.99	\$511,021.01	49.6%	Received from WVSD, BSD, and CSD2-3 for CIG/Tribs Share of Costs for July
Legal - Common Interest Group (2% Admin Fees)	32902.2	\$14,000.00	\$2,185.43	\$871.15	\$3,056.58	\$10,943.42	21.8%	Received from WVSD, BSD, and CSD2-3 for CIG/Tribs Share of Costs for July
Refunds/Reimbursements - Misc.	32091	\$10,000.00	\$84.00	\$142.05	\$226.05	\$9,773.95	2.3%	Payment #7 on District Lateral Loan Program (850 E. Estates Dr.)
Lateral Construction	32093	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00	0.0%	None to date
TOTAL OPERATING REVENUE		\$22,122,401.00	\$628,216.79	\$73,252.49	\$701,469.28	\$21,420,931.72	3.17%	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	Reserve Account
TOTAL OPERATING REVENUE		\$22,122,401.00	\$628,216.79	\$73,252.49	\$701,469.28	\$21,420,931.72	3.17%	

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Date	Operating Fund	Replacement Fund	Comingled Fund	Cal Bank Trust Acct	Loan Balance with interest *	Net Cash
FY 2020-21 Balance	\$18,598,059.22	\$3,000,000.00	\$15,598,059.22	\$1,258,057.67	\$1,107,676.36	\$20,963,793.25
July 31, 2021	\$16,183,910.31	\$3,000,000.00	\$13,183,910.31	\$1,279,657.80	\$1,107,694.57	\$18,571,262.68
August 31, 2021	\$14,986,161.40	\$3,000,000.00	\$11,986,161.40	\$1,290,453.41	\$1,107,713.99	\$17,384,328.80
September 30, 2021	\$14,443,648.98	\$3,000,000.00	\$11,443,648.98	\$1,304,809.30	\$1,107,732.20	\$16,856,190.48
October 31, 2021	\$7,230,651.61	\$3,000,000.00	\$4,230,651.61	\$634,804.94	\$1,058,722.16	\$8,924,178.71

FOR CAL BANK SUMMARY, SEE ATTACHED DETAIL.

CALIFORNIA BANK AND TRUST ACCOUNT SUMMARY AS OF 10/31/2021

Cal Bank Activities			Total Interest Earned or Refund Received from CSJ	Interest or Refund Prorated to Loan Balance	Loan Balance w/Interest	Interest or Refund Prorated to \$600K District Savings	District Portion of Savings Balance	Total Savings balance	Checking Acct Balance (Credit Card Payments Received)	TOTAL AT CAL BANK	
No.	Payee	Date	Check Amount		\$10,000,000.00			\$10,000,000.00		\$10,000,000.00	
1001	San Jose	10/16/19	\$2,180,309.00		\$7,819,691.00			\$7,819,691.00		\$7,819,691.00	
1002	San Jose	10/16/19	\$29,515.44		\$7,790,175.56			\$7,790,175.56		\$7,790,175.56	
1003	Tesco	11/20/19	\$17,707.00		\$7,772,468.56			\$7,772,468.56		\$7,772,468.56	
1004	Shape	11/20/19	\$108,814.78		\$7,663,653.78			\$7,663,653.78		\$7,663,653.78	
1005	Tesco	12/18/19	\$169,018.00		\$7,494,635.78			\$7,494,635.78		\$7,494,635.78	
1006	Con Quest	12/18/19	\$385,242.58	\$30,683.35	\$7,140,076.55			\$7,140,076.55		\$7,140,076.55	
1007	San Jose	01/15/20	\$6,966,355.00		\$173,721.55			\$173,721.55		\$173,721.55	
Interest through 3/31/20				\$6,823.36	\$180,544.91			\$180,544.91		\$180,544.91	
Deposit			04/16/20		\$180,544.91		\$600,000.00	\$780,544.91	\$2,996.28	\$783,541.19	
Balance as of 5/30/2020				\$179.37	\$180,586.41	\$137.87	\$600,137.87	\$780,724.28	\$5,744.81	\$786,469.09	
Balance as of 6/30/2020				\$197.98	\$180,632.21	\$152.18	\$600,290.05	\$780,922.26	\$31,953.57	\$812,875.83	
Balance as of 7/31/2020				\$191.84	\$180,676.58	\$147.47	\$600,437.52	\$781,114.10	\$37,732.75	\$818,846.85	
Balance as of 8/31/2020				\$154.53	\$180,712.33	\$118.79	\$600,556.30	\$781,268.63	\$48,220.05	\$829,488.68	
Balance as of 9/30/2020				\$25.62	\$180,718.25	\$19.69	\$600,576.00	\$781,294.25	\$56,059.22	\$837,353.47	
Balance as of 10/31/2020				\$25.62	\$180,724.18	\$19.69	\$600,595.69	\$781,319.87	\$67,713.45	\$849,033.32	
Balance as of 11/30/2020				\$26.47	\$180,730.30	\$20.35	\$600,616.04	\$781,346.34	\$80,097.89	\$861,444.23	
Balance as of 12/31/2020				\$26.47	\$180,736.42	\$20.35	\$600,636.39	\$781,372.81	\$89,436.48	\$870,809.29	
Balance as of 1/31/2021				\$24.83	\$180,742.17	\$19.09	\$600,655.47	\$781,397.64	\$99,672.14	\$881,069.78	
Balance as of 2/28/2021				\$23.98	\$180,747.71	\$18.43	\$600,673.91	\$781,421.62	\$108,211.86	\$889,633.48	
Balance as of 3/31/2021				\$28.26	\$180,754.25	\$21.72	\$600,695.63	\$781,449.88	\$121,953.35	\$903,403.23	
Balance as of 4/30/2021				\$22.27	\$180,759.40	\$17.12	\$600,712.75	\$781,472.15	\$135,672.77	\$917,144.92	
Balance as of 5/31/2021				\$11.99	\$180,762.18	\$9.22	\$600,721.96	\$781,484.14	\$153,926.10	\$935,410.24	
Deposit - CSJ Refund			06/22/21	\$1,415,667.34	\$926,903.93	\$1,107,666.11	\$488,764.47	\$1,089,486.37	\$2,197,152.48		
Balance as of 6/30/2021				\$20.34	\$1,107,676.36	\$10.09	\$1,089,496.46	\$2,197,172.82	\$168,561.21	\$2,365,734.03	
1008 Voided - CSJ			07/15/21								
Balance as of 7/31/2021				\$36.12	\$1,107,694.57	\$17.91	\$1,089,514.37	\$2,197,188.60	\$190,143.43	\$2,387,332.03	
Balance as of 8/31/2021				\$38.53	\$1,107,713.99	\$19.11	\$1,089,533.48	\$2,197,211.35	\$200,919.93	\$2,398,131.28	
Balance as of 9/30/2021				\$36.12	\$1,107,732.20	\$17.91	\$1,089,551.39	\$2,197,245.06	\$215,257.91	\$2,412,502.97	
1009 Co-Mingled Fund			10/20/21	\$690,453.00			(\$480,000.00)		(\$210,453.00)		
1010 C2R Engineering			10/20/21	\$49,030.00							
Balance as of 10/20/2021					\$1,058,702.20		\$609,551.39	\$1,668,253.59	\$4,804.91	\$1,673,058.50	
Balance as of 10/31/2021				\$31.44	\$1,058,722.16	\$11.49	\$609,562.87	\$1,668,285.03	\$25,242.07	\$1,693,527.10	
TOTAL OR BALANCE AMOUNT			\$10,596,444.80	\$1,454,275.83	\$964,713.96	\$1,058,722.16	\$9,562.87	\$609,562.87	\$1,668,285.03	\$25,242.07	\$1,693,527.10

**CUPERTINO SANITARY DISTRICT
WARRANTS PAYABLE - November 17, 2021**

<u>WARRANT NUMBER</u>	<u>FUND</u>	<u>AMOUNT</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	
N/A	M&O	\$ 2,637.04	ADP	Directors' Salary	
19253	M&O	\$ 992.08	Dooley Insurance Services	Insurance - Group Life & Dental	
19254	M&O	\$ 4,113.10	CSRMA c/o Alliant Insurance	Insurance - Property	
19255	M&O	\$ 192.00	CWEA	Memberships	
N/A	M&O	\$ 362.59	CalBank Credit Card Processing Fees	Operating Exp. - Credit Card Processing Fees	
19256	M&O	\$ 313,821.70	Mark Thomas	Office Rent	400.00
				Operating Expenses	561.44
				Management Services	41,940.30
				SSMP Cert Update & Implementation	1,263.60
				Engineering Services	82,912.94
				Peak Flow Reduction	12,062.27
				Plan Checking & Inspection	11,433.82
				Repairs	9,876.46
				Maintenance	128,127.00
				Travel & Meetings Staff	865.00
				Utilities	1,052.70
				Emergency Funds	6,987.38
				District Sewer Capital & Support	16,338.79
19257	M&O	\$ 2,100.00	Richard K. Tanaka	Legal - Consultant Services	
19258	M&O	\$ 3,843.00	Armento & Hynes LLP	Legal - District Counsel	
19259	M&O	\$ 211,142.50	Hunton Andrews Kurth, LLP	Legal - CIG/Tribs (CuSD Advance Pay)	164,691.15
				Legal - CIG/Tribs (CuSD Share)	46,451.35
19260	M&O	\$ 258.52	Arrow Fire Protection Co.	Maintenance	
19261	M&O	\$ 30.90	FedEx	Maintenance	
19262	M&O	\$ 105.36	Home Depot	Maintenance	
19263	M&O	\$ 20,540.52	RotoRooter	Maintenance	
19264	M&O	\$ 70,250.40	Able Underground Construction	Maintenance	63,112.50
				Emergency	7,137.90
19265	M&O	\$ 55,436.25	AB/JDD Plumbing Heating & AC	Maintenance	52,467.50
				Emergency	2,968.75
19266	M&O	\$ 56.43	City of Santa Clara Utilities	Utilities	
19267	M&O	\$ 3,672.91	PG&E	Utilities	
19268	M&O	\$ 102.75	San Jose Water Company	Utilities	
19269	M&O	\$ 75.00	SCC Controller-Treasurer Dept.	Refunds & Reimbursements-Misc (Tax Roll)	
19270	M&O	\$ 400.00	Kavita Bhatia	Refunds & Reimbursements-Checking & Insp.	
19271	M&O	\$ 24,120.00	St. Francis Electric	District Sewer Capital & Support	
19272	M&O	\$ 12,594.07	Pan-Pacific Supply	District Equipment	
TOTAL WARRANTS		\$ 726,847.12			

<u>Pk Flow Red. Total:</u>	\$ 12,062.27	Mark Thomas
<u>Maintenance Total:</u>	\$ 264,642.30	Mark Thomas, Arrow Fire, FedEx, Home Depot, Roto Rooter, ABLE, AB/JDD
<u>Utilities Total:</u>	\$ 4,884.79	Mark Thomas, Santa Clara Utilities, PG&E, San Jose Water
<u>Emergency Total:</u>	\$ 17,094.03	Mark Thomas, Able, AB/JDD

EMERGENCY DETAILS:

Roto-Rooter - no emergencies this month
Able - one emergency this month
AB/JDD Plumbing - six emergencies this month



Memo

Item **9.B.**

To: Board of Directors
From: Benjamin T. Porter, District Manager-Engineer
Date: November 17, 2021
**Re: Agreement - I-280/Wolfe Road Sewer Relocation
Bennett Trenchless Engineers Agreement for Trenchless Engineering Services**

The Cupertino Sanitary District has been asked by the Valley Transportation Agency (VTA) to relocate an existing 15-inch diameter sewer outside of the footprint of the new Interchange at Wolfe Road and Interstate 280 (I-280). The project will involve using trenchless technologies such as micro-tunneling to install a 30 inch diameter carrier pipe under the freeway thus avoiding disruption to the traffic on I-280 during construction. The attached agreement provides the scope of work and fee estimate for the Cupertino Sanitary District by Bennett Trenchless Engineers. This agreement has a fee of \$125,200 and the scope of work includes the following tasks:

90% Design (Submit March 1)
Geotechnical Coordination and Review and Alignment/Profile Evaluation
Settlement Risk Evaluation
Preliminary Trenchless Design for two Alternatives, Provide Red-Line Edits to Drawings by Others
Preliminary Trenchless Design TM
90% Trenchless Specifications Tunnel Method, Shafts, Settlement Monitoring, Casing Pipe, Installation of Carrier in Casing, Contact Grouting
90% Trenchless Design Edits
90% Cost Estimate and Schedule Edits
90% Design Workshop (Virtual)
Permitting Assistance with Caltrans/VTA as needed

100% Design (Submit May 31)
Incorporate Review Comments into 100% Trenchless Specifications
Incorporate Review Comments as Red-Line Edits to 100% Trenchless Drawings
Respond to RFIs during Bid Period

Recommendation:

Staff recommends the Board authorize the District Manger to execute the agreement with Bennett Trenchless Engineers Engineering with a not-to-exceed amount of \$125,200.

Attachment:

1. Bennett Trenchless Engineers Agreement

AGREEMENT FOR ENGINEERING SERVICES

THIS AGREEMENT, dated _____, by and between CUPERTINO SANITARY DISTRICT OF SANTA CLARA COUNTY ("District"), and Bennett Trenchless Engineers LLP, a California corporation ("Consultant"), is made with reference to the following facts:

NOW, THEREFORE, it is agreed as follows:

1. **Scope of Services.** Subject to the direction and approval of District, Consultant shall perform trenchless engineering services as described in Exhibit "A" attached hereto and incorporated herein by reference. All services shall be performed to the reasonable satisfaction of the District.

2. **Principal-In-Charge.** Consultant shall designate one of its principals who shall act on behalf of Consultant and be primarily responsible for supervising performance of Consultant's services hereunder (the "Principal-In-Charge"). The person designated as Principal-In-Charge shall be subject to approval of the District. At any time, Consultant may change the person designated as Principal-In-Charge and the District may request Consultant to replace the person currently serving as the Principal-In-Charge.

3. **Compensation and Expenses.** As compensation for all services to be performed by Consultant under this Agreement, Consultant shall be paid the amounts set forth in Exhibit "B" attached hereto and incorporated herein by reference. In addition to such compensation, Consultant shall be entitled to charge District for expenses as described in Exhibit "B", provided such expenses are included as part of the District's annual budget, or are otherwise approved by the District Board, and are billed to District at Consultant's cost.

4. **Method of Payment.** Consultant shall submit billings to District describing in detail the work performed for which payment is requested, the date the services were performed, the number of hours spent and by whom, and a description of any expenditures charged to District during the period covered by the statement. Billings shall be submitted monthly, or at such other time as agreed upon between District and Consultant. District shall pay Consultant no later than 30 days after approval of the invoice by the District Board. If the District Board objects to all or any portion of the billing, the District shall notify Consultant of the nature of such objection and the amount in dispute. District shall pay when due the portion of the billing, if any, that is not in dispute. The parties will make every effort to settle the disputed billing through good faith negotiations and mediation.

5. **Maintenance and Inspection of Records.** Consultant shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, time cards, purchase orders, and other records or documents relating to charges for services or expenditures charged to District, for a minimum of three (3) years from the date of final payment to Consultant under this Agreement and shall make the same available to District or its authorized representatives for inspection and audit, at any time during regular business hours, upon written request by District. The right of inspection shall include the right to make extracts and copies.

6. **Assignment and Subcontracts.** Consultant acknowledges that Consultant's special skill and expertise is a material consideration for District entering into this Agreement. Consultant shall not assign, subcontract or delegate to any other party the performance of any services to be rendered by Consultant under this Agreement without prior approval of the District Board. If the District Board consents to any subcontracting of work, Consultant shall be responsible to District for all acts or omissions of the subcontractor.

7. **Correction of Work.** Consultant shall promptly correct any defective, inaccurate or incomplete tasks, deliverables, goods, services, or other work, without additional cost to District. The performance or acceptance of services furnished by Consultant shall not relieve Consultant from the obligation to correct subsequently discovered defective, inaccurate, or incomplete performance of Consultant's services hereunder.

8. **Ownership of Documents.** All plans, drawings, specifications, reports, documents and other writings prepared by and for Consultant in the course of performing its services under this Agreement, including all such materials delivered to Consultant by any other parties, except Consultant's working notes and internal documents, shall become the property of District upon payment to Consultant for such work, and District shall have the sole right to use such materials in its discretion without further compensation to Consultant or to any other party. Consultant shall, at Consultant's cost, provide such plans, drawings, specifications, reports, documents and other writings to District upon written request.

9. **Independent Contractor.** Except as otherwise expressly provided in this Agreement, Consultant is, and at all times shall remain, an independent contractor, and not an agent, officer or employee of District.

10. **Licenses.** Consultant represents and warrants to District that it has all licenses, permits, qualifications, insurance and approvals of whatsoever nature that are legally required of Consultant to practice its profession. Consultant shall, at its sole cost and expense, keep and maintain such licenses, permits, qualifications, insurance and approvals in full force and effect at all times during the term of this Agreement.

11. **Compliance with Standards of Care and Laws.** Consultant shall adhere to the standard of care in its profession and shall exercise due professional care to comply with all applicable federal, state and local laws, codes, ordinances and regulations in connection with the performance of its services under this Agreement.

12. **Mutual Indemnity.**

(a) Consultant shall indemnify, defend, and hold harmless the District and its officers, directors, and officials, from and against any and all claims, demands, causes of action, losses, damages, injuries, expenses and liabilities, direct or indirect, including reasonable attorney's fees, to the extent arising out of the negligent performance by Consultant of its services under this Agreement or its failure to comply with any of its obligations contained in this Agreement, and District shall not be liable for any negligent acts or omissions or willful misconduct of Consultant.

(b) To the extent permitted by law, District shall indemnify, defend, and hold harmless Consultant and its officers, directors, shareholders, and employees, from and against any and all claims, demands, causes of action, losses, damages, injuries, expenses and liabilities, direct or indirect, including reasonable attorney's fees, arising from Consultant being designated and acting as District's manager, engineer, and District Clerk, and not resulting from any negligent act or omission or willful misconduct committed by Consultant, Consultant's Responsible Principal, or any of Consultant's other principals, officers, directors, employees or agents.

13. **Insurance.** Consultant, at its own expense, shall procure and maintain, for the duration of this Agreement, insurance policies which satisfy the following requirements:

(a) Type of policies and coverage:

(1) General Liability Coverage. Consultant shall maintain commercial general liability insurance in an amount not less than \$2,000,000 per claim for bodily injury, personal injury and property damage. If the form of insurance with a general aggregate limit is used, either the general aggregate limit shall apply separately to the work to be performed under this Agreement or the general aggregate limit shall be at least twice the required occurrence limit.

(2) Automobile Liability Coverage. Consultant shall maintain automobile liability insurance in an amount not less than \$1,000,000 combined single limit for each occurrence, for bodily injury and property damage, providing coverage at least as broad as Insurance Services Office form CA 0001 (Ed. 12/90) Code 1 (any auto).

(3) Workers' Compensation and Employer's Liability Coverage. Consultant shall maintain workers' compensation insurance as required by the State of California and employer's liability insurance in an amount not less than \$1,000,000 per occurrence, for any and all persons employed by Consultant in connection with the performance of services under this Agreement. In the alternative, Consultant may rely on a self-insurance program to provide this coverage so long as the program of self-insurance complies fully with the provisions of the California Labor Code. The insurer, if insurance is provided, or Consultant, if a program of self-insurance is provided, shall waive all rights of subrogation against District for loss arising from work performed by Consultant for District.

(4) Professional Liability Coverage. Consultant shall maintain professional errors and omissions liability insurance in an amount not less than \$1,000,000 per claim, covering negligent acts, errors or omissions which may be committed by Consultant in the performance of its services under this Agreement.

(b) Endorsements: Each general liability and automobile liability insurance policy shall contain, or be endorsed to contain, the following provisions:

(1) The District, its directors, officers, officials, employees, agents and volunteers in their official capacities as representatives of the District, are to be covered as insureds as respects: liability arising out of activities performed by or on

behalf of Consultant; products and completed operations of Consultant; premises owned, occupied or used by Consultant; or vehicles owned, leased, hired or borrowed by Consultant. The coverage shall contain no special limitations on the scope of protection afforded to District, its directors, officers, officials, employees, agents or volunteers.

- (2) For any claims related to the services performed by Consultant hereunder, Consultant's insurance coverage shall be primary insurance as respects the District, its directors, officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by District, its directors, officers, officials, employees, agents or volunteers shall be excess of Consultant's insurance and shall not contribute with it.
- (3) Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to District, its directors, officers, officials, employees, agents or volunteers.
- (4) Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (5) Consultant's insurance coverage shall not be suspended, voided, canceled or reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to District.

(c) **Deductibles and Self-Insured Retentions.** Any deductibles or self-insured retentions must be declared to and approved by the District Board.

(d) **Acceptability of Insurers.** Insurance is to be placed with insurers having a current A.M. Best rating of no less than A:VII, unless otherwise approved by the District Board.

(e) **Verification and continuation of coverage.** Consultant shall provide certificates of insurance with original endorsements to District as evidence of the insurance coverage required by this Agreement. At the request of District, Consultant shall provide complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by this Agreement. In the event of any reduction, suspension or cancellation of any insurance coverage required to be provided by Consultant hereunder, Consultant shall furnish replacement insurance in accordance with the requirements of this Section prior to the effective date of such reduction, suspension or cancellation so as to avoid any lapse in coverage.

14. **Notices.** Any notices required or permitted to be given under this Agreement shall be in writing and shall be either personally delivered or sent by certified mail, return receipt requested, addressed to the other party as follows:

To District: Cupertino Sanitary District
20863 Stevens Creek Blvd.
Suite 100
Cupertino, CA 95014
Attn: Benjamin Porter
District Manager-Engineer

To Consultant: Bennett Trenchless Engineers LLP
950 Glenn Drive #115
Folsom, CA 956307433
Attn: David Bennett
Bennett Trenchless Engineers
Principal-In Charge

15. **Litigation Expenses and Attorneys' Fees.** To the extent permitted by law, if either party to this Agreement commences any legal action against the other party to enforce or interpret this Agreement, the prevailing party shall be entitled to recover all costs and expenses that may be incurred in connection therewith, including court costs, expert witness fees, discovery expenses, and attorneys' fees. Prior to the commencement of any litigation, the parties shall make a good faith effort to resolve the dispute through mediation.

16. **Termination of Agreement.** This Agreement may be terminated by either party, effective upon written notice, should the other party commit any material default in the performance of its obligations hereunder. This Agreement may also be terminated by either party, for any reason, upon ninety (90) day's prior written notice to the other party. In the event this Agreement is terminated by District through no fault of Consultant, Consultant shall be compensated for all services performed to the effective date of termination.

17. **Miscellaneous Provisions.**

(a) Severability. Should any portion of this Agreement be declared void or unenforceable in a final decision by a court of competent jurisdiction, such decision shall not affect the validity of the remainder of this Agreement, which shall continue in full force and effect, provided that the remainder of this Agreement can be reasonably interpreted to implement the intention of the parties.

(b) Entire Agreement. This Agreement constitutes the entire agreement between the parties and supersedes and cancels all prior agreements or understandings, whether written or verbal.

(c) Amendments. This Agreement may be modified or amended only by a written document duly executed by both District and Consultant.

(d) Waiver. The waiver of any breach or default under this Agreement shall not constitute a continuing waiver of a subsequent breach of the same provision or any other provision of this Agreement.

(e) Execution. Each party warrants that the individuals signing this Agreement on its behalf have the legal power and authority to do so and to bind the party to this Agreement.

(f) Successors and Assigns. Subject to the restriction against assignment and subcontracting, this Agreement shall be inure to the benefit of and shall be binding upon the successors and assigns of the parties hereto.

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

CUPERTINO SANITARY DISTRICT
OF SANTA CLARA COUNTY

By: _____
Taghi S. Saadati, President

Attest: _____
William A. Bosworth, Secretary

APPROVED AS TO FORM:

Marc Hynes, District Counsel

PRINCIPAL-IN-CHARGE:
Bennett Trenchless Engineers

By: _____
David Bennett, Principal

EXHIBIT A
Description of Services

Task #	Task Description and Deliverables
1	90% Design (Submit March 1)
1.1	Geotechnical Coordination and Review and Alignment/Profile Evaluation
1.2	Settlement Risk Evaluation
1.3	Preliminary Trenchless Design for two Alternatives, Provide Red-Line Edits to Drawings by Others
1.4	Preliminary Trenchless Design TM
1.5	90% Trenchless Specifications Tunnel Method, Shafts, Settlement Monitoring, Casing Pipe, Installation of Carrier in Casing, Contact Grouting
1.6	90% Trenchless Design Edits
1.7	90% Cost Estimate and Schedule Edits
1.8	90% Design Workshop (Virtual)
1.9	Permitting Assistance with Caltrans/VTA as needed
	<i>Subtotal Task 1 - 90% Design</i>
2	100% Design (Submit May 31)
2.1	Incorporate Review Comments into 100% Trenchless Specifications
2.2	Incorporate Review Comments as Red-Line Edits to 100% Trenchless Drawings
2.3	Respond to RFIs during Bid Period
	<i>Subtotal Task 5 - Bid Services</i>

EXHIBIT B
Compensation

Task #	Task Description and Deliverables	Subtotal
1	90% Design (Submit March 1)	
1.1	Geotechnical Coordination and Review and Alignment/Profile Evaluation	\$4,700
1.2	Settlement Risk Evaluation	\$4,700
1.3	Preliminary Trenchless Design for two Alternatives, Provide Red-Line Edits to Drawings by Others	\$8,480
1.4	Preliminary Trenchless Design TM	\$21,200
1.5	90% Trenchless Specifications Tunnel Method, Shafts, Settlement Monitoring, Casing Pipe, Installation of Carrier in Casing, Contact Grouting	\$20,420
1.6	90% Trenchless Design Edits	\$11,180
1.7	90% Cost Estimate and Schedule Edits	\$10,720
1.8	90% Design Workshop (Virtual)	\$2,780
1.9	Permitting Assistance with Caltrans/VTA as needed	\$11,360
	<i>Subtotal Task 1 - 90% Design</i>	\$95,540
2	100% Design (Submit May 31)	
2.1	Incorporate Review Comments into 100% Trenchless Specifications	\$12,600
2.2	Incorporate Review Comments as Red-Line Edits to 100% Trenchless Drawings	\$8,140
2.3	Respond to RFIs during Bid Period	\$8,920
	<i>Subtotal Task 5 - Bid Services</i>	\$29,660
TOTAL, ALL TASKS*		\$125,200

Item 10.A.

CASA Winter Conference 2022

PARTNERS IN EXCELLENCE

January 19-21, 2022
Hilton Palm Springs

CASAweb.org



@CASACleanWater



@CASA_CleanWater



Preliminary Program Subject to Change

Wednesday, January 19

- | | |
|-------------------------|--|
| 7:30 a.m. – 12:00 p.m. | CSRMA Training Seminar |
| 8:00 a.m. – 5:00 p.m. | Registration |
| 10:30 a.m. – 12:00 p.m. | CASA Board of Directors Meeting |
| 12:00 p.m. – 1:30 p.m. | Associates Committee Meeting |
| 12:00 p.m. – 1:30 p.m. | Lunch on Your Own |
| 1:30 p.m. – 4:00 p.m. | Roundtable Series |
| | 1:30 p.m. – 2:30 p.m. Session 1 (Various Table topics) |
| | 2:30 p.m. – 3:00 p.m. Networking Break |
| | 3:00 p.m. – 4:00 p.m. Session 2 (Repeat from Session 1) |
| 4:00 p.m. – 5:00 p.m. | Communications Committee Meeting |
| 4:15 p.m. – 5:30 p.m. | CSRMA Executive Board Meeting |
| 5:30 p.m. – 6:30 p.m. | Welcome Reception |

Thursday, January 20

- | | |
|-----------------------|--------------|
| 7:30 a.m. – 9:30 a.m. | Breakfast |
| 7:30 a.m. – 4:30 p.m. | Registration |

Thursday – Con't

- 7:45 a.m. – 8:45 a.m. CASA Education Foundation Board Meeting
- 8:00 a.m. – 9:15 a.m. CSRMA Board of Directors Meeting
- 9:00 a.m. – 11:45 a.m. **Morning Session**
- 9:00 – 9:45 a.m. **Keynote Address:**
- 12:00 p.m. – 1:30 p.m. **Luncheon**
- 2:00 p.m. – 3:30 p.m. **Afternoon Sessions**
- 3:45 p.m. – 4:45 p.m. Associates Engineering and Research Subcommittee
- 3:45 p.m. – 4:45 p.m. Federal Legislative Committee Meeting
- 4:15 p.m. – 5:30 p.m. Statewide Biosolids Meeting
- 5:30 p.m. – 6:30 p.m. Associates Recognition Reception

Friday, January 21

- 8:00 a.m. – 10:30 a.m. Registration
- 8:00 a.m. – 9:30 a.m. Breakfast
- 8:00 a.m. – 9:00 a.m. State Legislative Committee Meeting
- 9:15 a.m. – 11:00 a.m. **Closing Session**
President Jasmin A. Hall, Presiding
- 9:15 – 9:45 a.m. **Federal and State Legislative Updates**
Eric Sapirstein and Jessica Gauger
- 10:45 – 11:00 a.m. President's Closing Remarks
- 11:00 a.m. – 3:00 p.m. Attorneys Committee Meeting



Memo

Item 11.B.

To: Board of Directors
From: Benjamin T. Porter, District Manager-Engineer
Date: November 17, 2021
Re: October Peak Flow Rate Measurement

Background

The Cupertino Sanitary District's service area experienced a large storm event beginning after 12:00 a.m. on October 24, 2021 and continuing through October 25 at approximately 1:00 p.m. This total rainfall lasted approximately 37 hours and a total of 2.59 inches were measured and recorded during this period. The rainfall started out very heavy on October 24, with 0.30" falling in the first hour, and was consistent throughout the day after the first hour, producing a daily rainfall of 1.76" in 24-hours. On October 25, the rainfall was consistent most hours showing a measurable change (except from 8:00 a.m. through 12:00 p.m.) until the last hour when the storm produced another very high rainfall interval. A total of 0.30" also fell during the last hour of the storm, from 11:00 a.m. to 12:00 p.m. and resulting in 0.83" of total rainfall for the day. This storm represents one of the most intense rainfall events experienced in the District's service area in the last several years. Staff reviewed the corresponding data for the flow rate at the District's flow meter installation for peak flow rate into the Santa Clara collection system.

Analysis

The monthly total of 2.76" of rainfall was the most recorded since 2021, when 3.80" inches fell. The October storm consisted of two days of two days with heavy rainfall that accounted for almost of the rain that fell during the month. The January storm was spread out more over three days and had a maximum rainfall day (1.58") that was slightly less than the October storm. The two storms occurred during different times of the day, so there cannot be a direct comparison of the two. However, the impacts each storm had on the system are described below.

In January, the storm began on January 26 and continued through January 28. The peak flow rate measured during the month was 7.15 MGD on January 27, in the middle of the storm. The peak flow day was also January 27, during which 4.86 MGD was measured.

In October, the peak flow rate during the month was 7.99 MGD was measured on October 24, after the storm had been going for twenty hours and during a typical peak period. The peak flow day occurred on October 25, the second day of the storm, and was 4.86 MGD.

The storms and their impacts on the collection system will be used for further modeling and model calibration.

Attachment:

1. October 2021 Flow Report

Item 11.B.-Attachment

CUPERTINO SANITARY DISTRICT HOMESTEAD ROAD PARSHALL FLUME DISCHARGE FLOW MONITORING REPORT



Prepared for
City of Santa Clara
1500 Warburton Ave
Santa Clara, CA 95050



Prepared by
Cupertino Sanitary District
20863 Stevens Creek Boulevard, Suite 100
Cupertino, CA 95014

October 2021

INTRODUCTION

Cupertino Sanitary District (CuSD) provides monthly flow monitoring summary reports for the sanitary sewer flows that flow through the CuSD Flow Metering Station. The CuSD Flow Metering Station utilizes an 18-inch Parshall flume and is located in the intersection of Homestead Road and Swallow Drive. It is accessed from the sidewalk on the southeast corner of the intersection. The flows through the flume account for a majority of the sanitary sewer flows captured within CuSD before being discharged into the City of San Jose sanitary sewer collection system. A vicinity map of the CuSD boundary and the location of the metering station are illustrated on Figure 1.

Figure 1. CuSD Collection System Boundary and Metering Station



METERING STATION INFORMATION

Parshall Flume

A Parshall flume is used as the primary flow measurement device. A flume is a specially shaped open channel flow section that restricts the channel area and/or changes the channel slope, resulting in an increased velocity and a change in the level of the liquid flowing through the flume. A typical flume consists of a converging section to restrict the flow, a throat section, and a diverging section to assure that the downstream level is less than the level in the converging sections. The flume forces the hydraulics of the liquid to behave in a predictable fashion, with a defined relationship between liquid level and flow. The flow rate through the flume is determined by measuring the head on the flume at a single point, usually some distance downstream from the inlet. The head-flow rate relationship may be defined by either test data (calibration curves) or by an empirically derived formula.

There are several types and configurations of flumes; the Parshall flume was developed in the 1920s and is now the most frequent primary flow measuring device used in municipal sewers and sewage treatment facilities. The Parshall flume has a drop in the floor which produces supercritical flow through the throat of the flume. A typical configuration of a Parshall flume is illustrated on Figure 2.

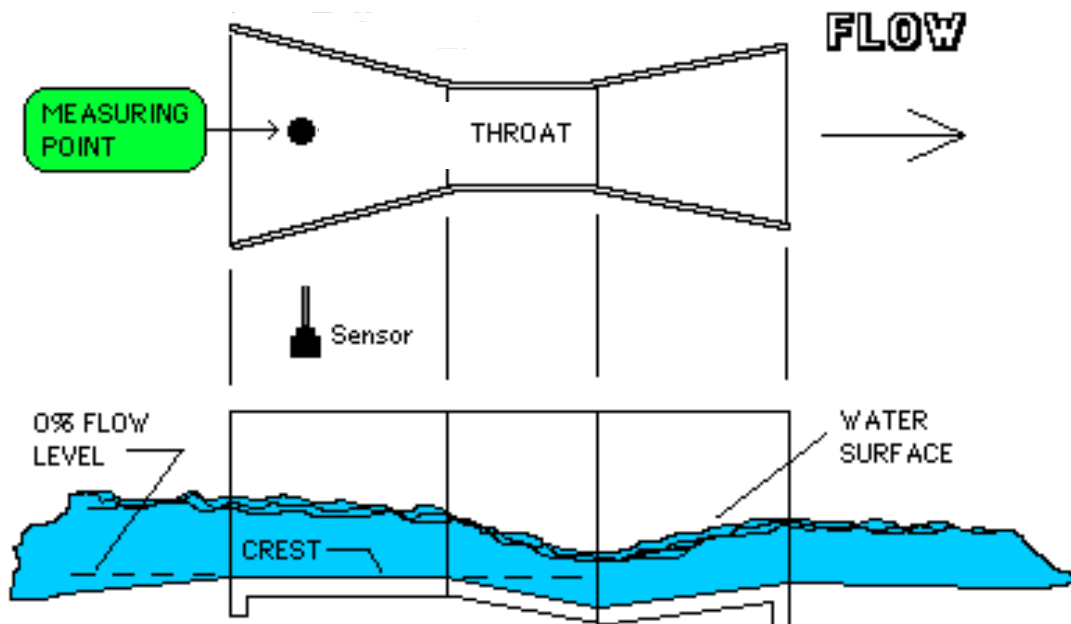


Figure 2. Typical Configuration of Parshall Flume

¹ Primary devices apply methods to alter flow in a predictable manner so that a known relationship between flow and measured depth can be used. The most typical of these are weirs and flumes.

CuSD Metering Station

The CuSD metering station has an Isco 2110 flow meter installed on top of the flume to measure the liquid head. The standard discharge equations for an 18-inch Parshall flume are used to calculate flow rate through the flume. All data is stored internally within the flow meter data logger.

Figure 3 shows the isometric view of the CuSD flume taken from the original 1966 design drawings. Figure 4 and Figure 5 show photos of the CuSD flume as it currently appears.

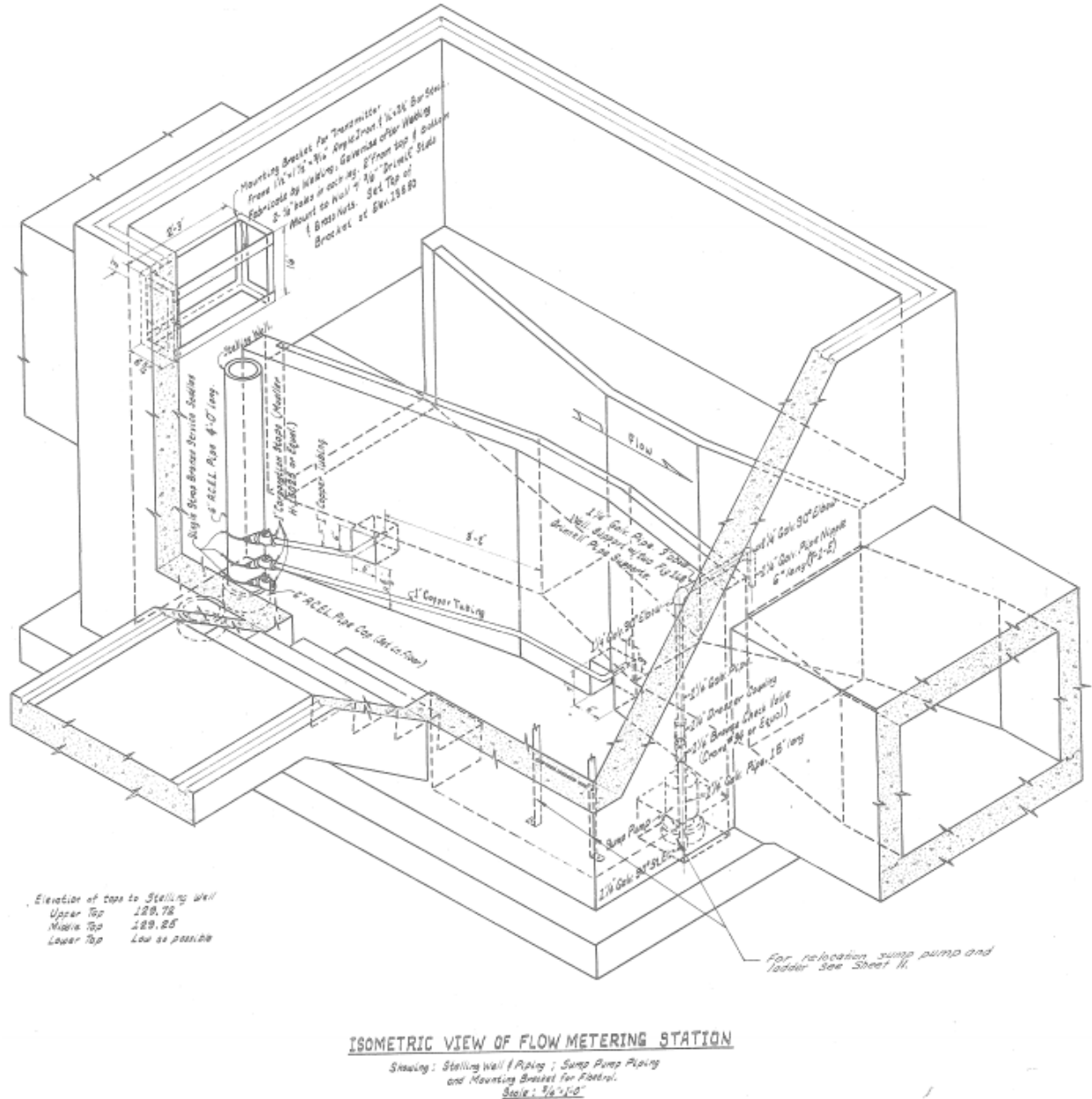


Figure 3. CuSD Metering Station, Isometric

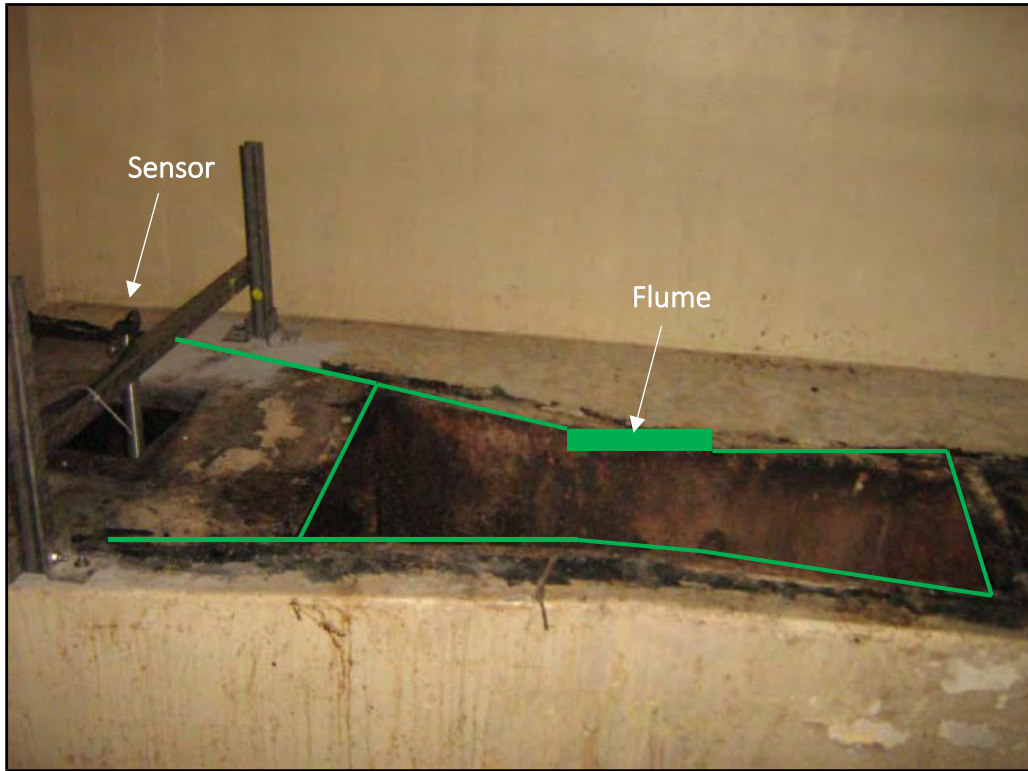


Figure 4. CuSD Parshall Flume



Figure 5. Parshall Flume Sensor Installation

MONTHLY AVERAGE FLOWS

CuSD has been reporting flow data on a monthly basis since May 2013. Table 1 summarizes the acquired monthly flow data. Flow data on a weekly, daily, and hourly basis are provided in the appendices in the flow summary tables and hydrographs attached.

Table 1. Monthly Flow Monitoring Totals

Month / Year	Total Rainfall (in)	Average Flow Rate (MGD)	Peak Flow Day (MGD)	Peak Hour Flow Rate (MGD)
May, 2013	0.00	3.760	3.875, 05/13/2013	6.621, 05/15/2013 09:00
June, 2013	0.02	3.765	3.901, 06/19/2013	6.318, 06/06/2013 09:00
July, 2013	0.00	3.626	3.721, 07/01/2013	5.970, 07/27/2013 12:00
August, 2013	0.03	3.754	3.964, 08/18/2013	6.504, 08/18/2013 12:00
September, 2013	0.23	3.765	3.900, 09/22/2013	6.372, 09/28/2013 12:00
October, 2013	0.00	3.749	3.877, 10/06/2013	6.688, 10/06/2013 12:00
November, 2013	0.60	3.778	3.942, 11/03/2013	6.700, 11/06/2013 09:00
December, 2013	0.39	3.727	3.954, 12/08/2013	6.419, 12/08/2013 12:00
January, 2014	0.05	3.735	3.961, 01/12/2014	6.499, 01/15/2014 10:00
February, 2014	3.42	3.668	4.421, 02/28/2014	6.921, 02/28/2014 09:00
March, 2014	1.44	3.722	4.186, 03/01/2014	6.906, 03/01/2014 11:00
April, 2014	0.67	3.763	3.885, 04/21/2014	6.617, 04/23/2014 09:00
May, 2014	0.00	3.709	3.812, 05/26/2014	6.379, 05/05/2014 12:00
June, 2014	0.00	3.665	3.811, 06/09/2014	6.208, 06/04/2014 09:00
July, 2014	0.00	3.543	3.652, 07/15/2014	5.741, 07/20/2014 12:00
August, 2014	0.01	3.617	3.806, 08/17/2014	6.191, 08/20/2014 09:00
September, 2014	0.43	3.640	3.748, 09/21/2014	6.115, 09/24/2014 09:00
October, 2014	0.54	3.612	3.748, 10/13/2014	6.133, 10/05/2014 12:00
November, 2014	1.80	3.595	3.911, 11/30/2014	6.795, 11/30/2014 12:00
December, 2014	9.09	3.956	5.863, 12/11/2014	9.126, 12/11/2014 22:00
January, 2015	0.04	3.636	3.810, 01/11/2015	6.106, 01/07/2015 09:00
February, 2015	3.29	3.700	4.494, 02/08/2015	7.901, 02/08/2015 12:00
March, 2015	0.14	3.657	3.787, 03/01/2015	6.225, 03/04/2015 09:00
April, 2015	1.16	3.485	3.756, 04/07/2015	5.914, 04/10/2015 09:00
May, 2015	0.05	3.454	3.559, 05/10/2015	5.754, 05/06/2015 09:00
June, 2015	0.09	3.351	3.507, 06/01/2015	5.668, 06/03/2015 09:00
July, 2015	0.00	3.269	3.370, 07/23/2015	5.253, 07/26/2015 12:00
August, 2015	0.00	3.352	3.494, 08/16/2015	5.692, 08/23/2015 12:00
September, 2015	0.00	3.315	3.438, 09/13/2015	5.577, 09/16/2015 09:00
October, 2015	0.07	3.314	3.416, 10/12/2015	5.568, 10/14/2015 09:00
November, 2015	2.60	3.277	3.577, 11/02/2015	6.485, 11/02/2015 09:00
December, 2015	2.15	3.195	3.458, 12/13/2015	5.762, 12/13/2015 11:00

Cupertino Sanitary District
Sanitary Sewer Discharge Flow Monitoring

Month / Year	Total Rainfall (in)	Average Flow Rate (MGD)	Peak Flow Day (MGD)	Peak Hour Flow Rate (MGD)
January, 2016	4.89	3.450	3.980, 01/19/2016	6.461, 01/19/2016 10:00
February, 2016	0.71	3.526	3.693, 02/18/2016	6.088, 02/25/2016 09:00
March, 2016	5.33	3.901	4.901, 03/13/2016	7.919, 03/13/2016 12:00
April, 2016	1.09	3.500	3.656, 04/03/2016	5.933, 04/08/2016 09:00
May, 2016	0.14	3.461	3.573, 05/08/2016	5.773, 05/04/2016 09:00
June, 2016	0.00	3.343	3.476, 06/01/2016	5.687, 06/01/2016 09:00
July, 2016	0.00	3.280	3.386, 07/31/2016	5.248, 07/24/2016 12:00
August, 2016	0.00	3.421	3.647, 08/14/2016	5.652, 08/28/2016 12:00
September, 2016	0.00	3.684	3.874, 09/28/2016	7.167, 09/28/2016 10:00
October, 2016	2.50	3.703	3.967, 10/16/2016	6.665, 10/30/2016 12:00
November, 2016	2.89	3.652	3.969, 11/27/2016	6.208, 11/21/2016 12:00
December, 2016	2.10	3.615	4.035, 12/15/2016	6.094, 12/17/2017 14:00
January, 2017	8.75	4.291	5.648, 01/08/2017	9.181, 01/08/2017 15:00
February, 2017	7.89 ¹	4.344 ²	5.539, 02/07/2017	9.400, 02/20/2017 20:00
March, 2017	2.62 ¹	3.990	4.335, 03/22/2017	6.619, 03/25/2017 11:00
April, 2017	2.70	3.786	4.099, 04/08/2017	6.286, 04/08/2017 11:00
May, 2017	0.65	3.798	3.910, 05/30/2017	6.495, 05/22/2017 9:00
June, 2017	0.92	3.740	3.863, 06/05/2017	6.132, 06/05/2017 10:00
July, 2017	1.03	3.607	3.724, 07/17/2017	5.649, 07/18/2017 10:00
August, 2017	1.74	3.791	3.974, 08/14/2017	6.208, 08/30/2017 10:00
September, 2017	1.67	3.716	3.843, 09/04/2017	6.629, 09/09/2017 12:00
October, 2017	1.99	3.683	3.796, 10/22/2017	6.141, 10/11/2017
November, 2017	1.94	3.588	3.902, 11/16/2017	6.229, 11/8/2017
December, 2017	0.70	3.546	3.731, 12/03/2017	6.075, 12/16/2017 13:00
January 2018	1.00	3.820	4.726, 01/09/2018	6.663, 01/08/2018 22:00
February, 2018	0.25	3.711	3.813, 02/04/2018	6.220, 02/28/2018 09:00
March, 2018	1.08	3.795	4.726, 03/09/2018	6.663, 03/08/2018 22:00
April, 2018	0.76	3.710	3.921, 04/07/2018	6.065, 04/25/2018 08:00
May, 2018	0.00	3.842	4.005, 05/13/2018	6.388, 05/30/2018 09:00
June, 2018	0.00	3.785	3.913, 06/29/2018	6.094, 06/21/2018 09:00
July, 2018	0.00	3.608	3.807, 07/18/2018	5.834, 07/14/2018 12:00
August, 2018	0.00	3.657	3.945, 08/19/2018	6.199, 08/29/2018 09:00
Sept, 2018	0.11	3.864	4.014, 09/09/2018	6.356, 09/05/2018 09:00
October, 2018	0.00	3.866	3.999, 10/07/2018	6.205, 10/24/2018 09:00
November, 2018	1.56	3.893	4.675, 11/29/2018	7.150, 11/29/2018 09:00
December, 2018	2.04	3.782	4.185, 12/17/2018	6.212, 12/01/2018 11:00
January, 2019	4.47	4.012	5.213, 01/16/2019	9.341, 01/16/2019 21:00
February, 2019	9.80	4.371	6.436, 02/14/2019	7.987, 02/14/2019 09:00

Month / Year	Total Rainfall (in)	Average Flow Rate (MGD)	Peak Flow Day (MGD)	Peak Hour Flow Rate (MGD)
March, 2019	3.18	4.058	4.675, 03/06/2019	7.738, 03/06/2019 09:00
April, 2019	0.12	3.592	3.886, 04/28/2019	6.158, 04/24/2019 08:00
May, 2019	0.70	3.816	4.064, 05/19/2019	6.356, 05/22/2019 09:00
June, 2019	0.00	3.752	3.909, 06/04/2019	6.181, 06/04/2019 09:00
July, 2019	0.00	3.636	3.766, 07/30/2019	5.685, 07/24/2019 10:00
August, 2019	0.00	3.781	3.926, 08/18/2019	6.016, 08/21/2019 09:00
September, 2019	0.07	3.712	3.859, 09/11/2019	6.223, 09/11/2019 09:00
October, 2019	0.00	3.702	3.838, 10/27/2019	6.529, 10/30/2019 09:00
November, 2019	1.41	3.718	3.903, 11/11/2019	6.197, 11/04/2019 10:00
December, 2019	4.27	3.728	4.438, 12/07/2019	6.885, 12/07/2019 18:00
January, 2020	0.82	3.671	4.057, 01/16/2020	5.983, 01/31/2020 09:00
February, 2020	0.01	3.746	3.847, 02/09/2020	6.153, 02/26/2020 09:00
March, 2020	1.83	3.733	4.016, 03/16/2020	6.219, 03/07/2020 09:00
April, 2020	1.87	3.663	4.299, 04/05/2020	6.421, 04/05/2020 13:00
May, 2020	0.14	3.605	3.758, 05/03/2020	5.605, 05/03/2020 12:00
June, 2020	0.00	3.537	3.810, 06/21/2020	5.492, 06/07/2020 12:00
July, 2020	0.01	3.635	3.723, 07/26/2020	5.511, 07/12/2020 13:00
August, 2020	0.03	3.622	3.811, 08/16/2020	5.669, 08/16/2020 12:00
September, 2020	0.00	3.606	3.705, 09/27/2020	5.482, 09/26/2020 11:00
October, 2020	0.01	3.603	3.766, 10/04/2020	5.646, 10/31/2020 12:00
November, 2020	0.21	3.555	3.753, 11/08/2020	5.629, 11/14/2020 13:00
December, 2020	0.84	3.563	3.765, 12/06/2020	5.568, 12/05/2020 12:00
January, 2021	3.80	3.661	4.855, 01/27/2021	7.154, 01/27/2021 09:00
February, 2021	0.50	3.675	4.003, 02/28/2021	5.879, 02/13/2021 09:00
March, 2021	0.84	3.947	4.072, 03/21/2021	6.000, 03/21/2021 11:00
April, 2021	0.00	3.870	3.961, 04/04/2021	5.770, 04/04/2021 11:00
May, 2021	0.00	3.886	4.000, 05/09/2021	5.665, 05/23/2021 12:00
June, 2021	0.01	3.832	4.061, 06/03/2021	5.620, 06/06/2021 12:00
July, 2021	0.00	3.791	3.977, 07/23/2021	5.665, 07/23/2021 12:00
August, 2021	0.00	3.849	4.071, 08/15/2021	5.803, 08/15/2021 12:00
September, 2021	0.00	3.789	3.929, 09/09/2021	5.668, 09/11/2021 11:00
October, 2021	2.76	3.854	4.857, 10/25/2021	7.993, 10/24/2021 20:00

1. February and March 2017 Rainfall data corrected in August 2017.
2. February 2017 Average Flow Rate value corrected in August 2017 (transposition error).
3. June 2018 Peak Flow Day date corrected in July 2018.
4. January 2021- Flume meter malfunctioned. Obtained part of data from October 2020.
5. January 2021- Flow meter malfunctioned. Replaced missing data with data from February 2019 (rain) and October 2020.
6. February 2021 – Flow meter malfunctioned. Replaced missing data with data from February 2019 (rain) and February 2021.
7. August 2021- Flow meter malfunctioned. Replaced missing data with data from July 2021.

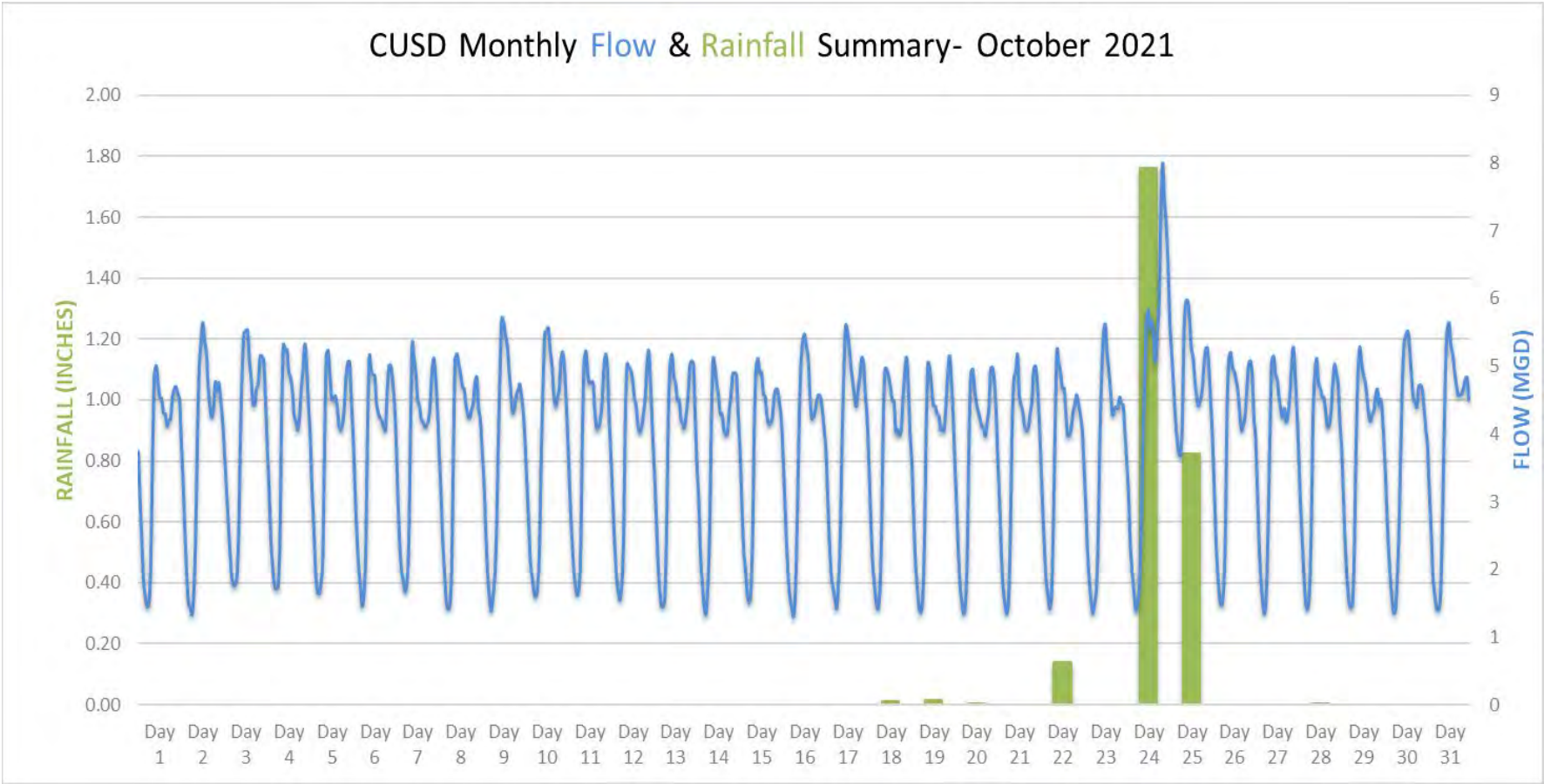
APPENDIX A

CUSD FLUME - Daily Results Summary October 2021

Date	Rainfall (Inches)	Monthly Flow Totals (MGD)		
	Ave	Min	Peak	Ave
10/1/2021	0.00	1.438	5.003	3.708
10/2/2021	0.00	1.325	5.638	3.792
10/3/2021	0.00	1.755	5.530	3.974
10/4/2021	0.00	1.703	5.323	3.938
10/5/2021	0.00	1.633	5.228	3.834
10/6/2021	0.00	1.448	5.140	3.821
10/7/2021	0.00	1.658	5.335	3.812
10/8/2021	0.00	1.403	5.175	3.782
10/9/2021	0.00	1.380	5.708	3.849
10/10/2021	0.00	1.588	5.558	3.916
10/11/2021	0.00	1.615	5.218	3.862
10/12/2021	0.00	1.543	5.225	3.806
10/13/2021	0.00	1.438	5.170	3.796
10/14/2021	0.00	1.328	5.108	3.723
10/15/2021	0.00	1.500	5.110	3.777
10/16/2021	0.00	1.305	5.468	3.728
10/17/2021	0.00	1.420	5.598	3.848
10/18/2021	0.01	1.403	5.123	3.713
10/19/2021	0.02	1.355	5.148	3.697
10/20/2021	0.01	1.330	4.978	3.679
10/21/2021	0.00	1.335	5.170	3.730
10/22/2021	0.14	1.408	5.233	3.709
10/23/2021	0.00	1.343	5.613	3.694
10/24/2021	1.76	1.383	7.993	4.555
10/25/2021	0.83	3.675	5.968	4.857
10/26/2021	0.00	1.460	5.198	3.860
10/27/2021	0.00	1.338	5.273	3.841
10/28/2021	0.01	1.403	5.108	3.793
10/29/2021	0.00	1.428	5.270	3.756
10/30/2021	0.00	1.350	5.505	3.775
10/31/2021	0.00	1.393	5.635	3.834
Total:	2.76	-	-	-
Daily Average:	-	1.519	5.411	3.854

- Lowest Flow Values in the Month
- Highest Flow Values in the Month

APPENDIX B



APPENDIX C

APPENDIX D

CUSD FLUME

Cumulative Rainfall Data (inches) by hour – October 2021 (San Jose & Saratoga)

CUSD Flume Cumulative Rainfall: October 2021 (inches) MAIN																															
Day Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.30	0.13	0.00	0.00	0.00	0.00	0.00	0.00
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.30	0.24	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.31	0.34	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.31	0.39	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.33	0.45	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.02	0.00	0.34	0.46	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.09	0.00	0.35	0.50	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.10	0.00	0.38	0.50	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.13	0.00	0.42	0.51	0.00	0.00	0.00	0.00	0.00	0.00
9:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.46	0.51	0.00	0.00	0.00	0.00	0.00	0.00
10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.48	0.51	0.00	0.00	0.01	0.00	0.00	0.00
11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.48	0.51	0.00	0.00	0.01	0.00	0.00	0.00
12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.50	0.81	0.00	0.00	0.01	0.00	0.00	0.00
13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.55	0.83	0.00	0.00	0.01	0.00	0.00	0.00
14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.62	0.83	0.00	0.00	0.01	0.00	0.00	0.00
15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.67	0.83	0.00	0.00	0.01	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.78	0.83	0.00	0.00	0.01	0.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	0.89	0.83	0.00	0.00	0.01	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.04	0.83	0.00	0.00	0.01	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.23	0.83	0.00	0.00	0.01	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.37	0.83	0.00	0.00	0.01	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.51	0.83	0.00	0.00	0.01	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.63	0.83	0.00	0.00	0.01	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.76	0.83	0.00	0.00	0.01	0.00	0.00	0.00
Total:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.14	0.00	1.76	0.83	0.00	0.00	0.01	0.00	0.00	0.00

Cupertino Sanitary District - Monthly Maintenance Summary - October 2021

Item 11.C.

SSOs

Start Date	Location	Cause of SSO	Cat	Main/Lat	Spill Volume (Gal)	Spill Recovered (Gal)	Volume of Wash Water Used (Gal)
None							

PLSDs (Private Lateral Sewage Discharge)

Start Date	Location	Cause of PLSD	Main/Lat	Spill Volume (Gal)	Spill Recovered (Gal)	Volume of Wash Water Used (Gal)
10/16/2021	10531 Davison Dr, Cup	soft blokage	Lat	Unknown	Unknown	Unkonwn

Emergency Calls - Causes

Call Rec'd Business Hours	# of Calls	Call Rec'd After Hours	# of Calls	Call Rec'd Weekend	# of Calls
Root Intrusion	3	Root Intrusion	1	Root Intrusion	3
Onsite	4	Onsite	1	Onsite	1
Grease	0	Offset	0	Offset	0
Debris	0	Debris	0	Grease	0
Others	1	Others	1	Others	2
Offset	0	Pump Station	1	Pump Station	1
Total:	8	Total:	4	Total:	7

Repairs

Address	Main/Lat	Description of Work
Pierce, Salem & Crescent PS	PS	Electric improvement work for Pierce, Salem & Crescent Pump Stations
Florence & Homestead PS	PS	Replaced 5" & 6" impellers for back up pumps

Mainline Maintenance

Size of Pipe	4"	6"	8"	10"	12"	14"	15"	16"	18"	> 20"	Total	FY2021-22 YTD	FY2021-22 Annual Schedule	% Complete (YTD/Annual Schedule)
Mainline Cleaning (ft)	0	38,991	74,381	10,255	11,644	0	792	0	0	0	136,063	520,352	987,432	53%
Easement Cleaning (ft)	0	1,684	11,269	741	362	0	0	0	0	0	14,056	65,984	159,062	41%
CCTV (ft)	0	5,279	13,409	0	0	0	0	0	0	0	18,688	49,355	207,880	24%

Lateral Maintenance

Activity	# of Laterals	FY2021-22 YTD	FY2021-22 Annual schedule	% Complete (YTD/Annual schedule)
Cleaning	536	1,807	4,247	43%
CCTV	10	47		
Inspection	23	87		

FOG Inspection - Limited due to Restaurant closures (COVID -19)

	# of Inspections	YTD FY2021-22	FY2021-22 Annual Schedule	% Complete (YTD/Annual schedule)
Performed	24	104		
Completed	20	76	283	27%
Follow up Needed	4			

**CUPERTINO SANITARY DISTRICT
MEETING/EVENT SCHEDULE**

Item 12.A.

<p align="center"><u>NOVEMBER 2021</u></p> <p>11/03: 1st Regular Meeting 11/15: TAC 11/17: 2nd Regular Meeting 11/18: TPAC</p>	<table border="1"> <thead> <tr> <th colspan="7">NOVEMBER 2021</th> </tr> <tr> <th>Sunday</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> <th>Thursday</th> <th>Friday</th> <th>Saturday</th> </tr> </thead> <tbody> <tr> <td></td> <td>1</td> <td>2</td> <td>3 1st Regular Meeting</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> </tr> <tr> <td>14</td> <td>15 TAC</td> <td>16</td> <td>17 2nd Regular Meeting</td> <td>18 TPAC</td> <td>19</td> <td>20</td> </tr> <tr> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> </tr> <tr> <td>28</td> <td>29</td> <td>30</td> <td></td> <td colspan="3">HOLIDAY-OFFICE CLOSED</td> </tr> </tbody> </table>	NOVEMBER 2021							Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		1	2	3 1 st Regular Meeting	4	5	6	7	8	9	10	11	12	13	14	15 TAC	16	17 2 nd Regular Meeting	18 TPAC	19	20	21	22	23	24	25	26	27	28	29	30		HOLIDAY-OFFICE CLOSED									
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