



Montecito Sanitary District

1042 Monte Cristo Lane
Santa Barbara, CA 93108

A Public Service Agency

Phone: (805) 969-4200
www.montsan.org

BOARD PACKET

For the Regular Board Meeting of

Thursday, August 10, 2023

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AGENDA

For the General Meeting of the Board on:

August 10, 2023

The regular meeting of the Governing Board will begin at **12:00 p.m. on August 10, 2023** in the District's Board Room at 1042 Monte Cristo Lane.

Additionally, Director Ohlmann will be attending virtually from his location at 1605 Jeannine Lane, DeWitt, MI 48820.

The public may attend the meeting in person or participate remotely via Zoom using the following virtual meeting details:

By visiting: <https://us02web.zoom.us/j/86118975917>

Or by calling: 1-669-900-6833

Meeting ID: 861 1897 5917

1. CALL TO ORDER

A. ROLL CALL

B. PLEDGE OF ALLEGIANCE

C. PRESIDENT'S REPORT

D. AGENDA CHANGES/DELETIONS

2. PUBLIC COMMENT

Public comment on items not on the agenda is **limited to 3 minutes** and is at the discretion of the Board President. For further instructions, see please see [Instructions for Public Comment](#) on the District's website.

3. COMMITTEE REPORTS

It is recommended that the Board receive and file a report provided by the following committee(s):

- i) General Manager Compensation Ad Hoc Committee (Directors Hogan and Ohlmann) related to their meeting of August 1, 2023.

4. REGULAR BUSINESS

A. CONSIDERATION OF FIRST AMENDMENT TO GENERAL MANAGER EMPLOYMENT AGREEMENT

It is recommended that the Board:

- i) Receive the recommendation from the ad hoc committee assigned to negotiate the General Manager's employment agreement; and
- ii) Consider whether to adopt the First Amendment to General Manager Employment Agreement
- iii) Taking such additional, related action that may be desirable.

B. DISCUSSION ON THE SPECIAL DISTRICT COLLABORATION AND CONSOLIDATION STUDY

It is recommended that the Board:

- i) Further discuss the Special District Collaboration and Conosolidation effort between Montecito Sanitary District and Montecito Water District; and
- ii) Taking any such additional, related action that may be desirable.

C. DISCUSSION ON SETTING A DATE TO DEVELOP THE DISTRICT'S STRATEGIC PLAN

It is recommended that the Board:

- i) Discuss setting a date to develop the District's strategic plan; and
- ii) Taking such additional, related action that may be desirable.

D. DISCUSSION ON THE ELECTRICAL REHABILITATION AND AERATION BLOWER REPLACEMENT PROJECT

It is recommended that the Board:

- i) Receive a presentation from staff related to the Electrical Rehabilitation and Aeration Blower Replacement Project; and
- ii) Taking such additional, related action that may be desirable.

E. DISCUSSION ON THE DISTRICT'S CCTV VAN AND THE DISTRICT CAPABILITIES AS IT RELATES TO INTRUSIONS ON THE COLLECTION SYSTEM

It is recommended that the Board:

- i) Receive a presentation from Staff regarding the District's CCTV Van and its use in identifying issues in the Distrit's Collection System; and
- ii) Taking such additional, related action that may be desirable.

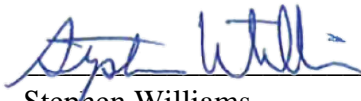
5. ITEMS FOR FUTURE AGENDAS

The next regularly scheduled Board meeting will be held on August 24, 2023 at 12:00 pm.

6. ADJOURNMENT

The Montecito Sanitary District has resumed in-person meetings in accordance with the Brown Act. In accordance with the State of Emergency declaration issued on March 4, 2020 by the Governor of the State of California in response to COVID-19 and Government Code 54953(e), the District also provides alternative methods of remote participation which permit members of the public to observe and address public meetings remotely via telephone or Zoom. These methods of participation can be accessed through the internet link provided at the top of this agenda.

This agenda was posted on the District website, and at the Montecito Sanitary District Bulletin Board in accordance with the requirements of the Brown Act. Attested by:



Stephen Williams
District Administrator/Clerk of the Board

ADA – The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's programs, services or activities because of any disability. If you need special assistance to participate in this meeting, please contact the District Office at 969-4200. Notification at least twenty-four (24) hours prior to the meeting will enable the District to make appropriate arrangements.



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MONTECITO SANITARY DISTRICT STAFF REPORT – 4A

DATE: August 10, 2023
TO: Board of Directors
FROM: Aleks Giragosian, District Legal Counsel
SUBJECT: Consideration of First Amendment to the General Manager Employment Agreement

RECOMMENDATION

It is recommended that the Board:

- i) Receive the recommendation from the ad hoc committee assigned to negotiate the General Manager's employment agreement; and
- ii) Consider whether to adopt the First Amendment to the General Manager's Employment Agreement; and
- iii) Take any such additional, related action that may be desirable.

ANALYSIS

The Board met in Closed Session at the June 22nd, 2023, Regular Board Meeting to discuss the General Manager's Performance Evaluation. Pursuant to that discussion the First Amendment to the General Manager's Employment Contract is attached for consideration. Also attached is the Original Employment Contract for reference purposes.

FISCAL IMPACT

By approving the First Amendment to the General Manager's Contract, total Salaries and Benefits costs will increase by approximately \$11,852.

ATTACHMENTS:

1. First Amendment to the General Manager's Employment Contract
2. Original General Manager's Contract

**FIRST AMENDMENT TO
GENERAL MANAGER EMPLOYMENT AGREEMENT**

This First Amendment to General Manager Employment Agreement (“Amendment”) is made and entered into by and between the Montecito Sanitary District, a California independent special district (“District”), and John F. Weigold, IV, an individual (“Employee”). The District and Employee may be individually referred to as “Party” or collectively as “Parties.”

RECITALS

- A. Parties entered into a General Manager Employment Agreement with an effective date of December 8, 2022 (Agreement”); and
- B. Parties desire to enter into this Amendment with Employee to increase Employee’s salary.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the Parties agree as follows:

- 1. Amendment. Section 5(a) of the Agreement is amended to read as follows, with additions denoted by underlined text and deletions denoted by ~~struck-through~~ text:

District shall pay Employee an annual base salary of ~~\$180,000~~ \$190,000, which shall be paid bi-weekly in accordance with District’s standard pay schedule.
- 2. Effective Date. This Amendment shall take effect upon the start of the next regular pay cycle following the date of the last signature to this Amendment.
- 3. Integration. This Amendment amends the Agreement. The Amendment and the Agreement constitute the entire agreement between the Parties. Except as specifically amended hereby, the Agreement shall remain in full force and effect.

TO EFFECTUATE THIS AGREEMENT, the parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

“DISTRICT”
Montecito Sanitary District

“EMPLOYEE”
John F. Weigold, IV

AUTHORIZED SIGNATORIES:

Signature: _____

Signature: _____

Printed: Ellwood T. Barrett, II
Title: President

Printed: John F. Weigold, IV
Title: General Manager

Date: _____

Date: _____

ATTEST:

Signature: _____

Name: Stephen Williams

Title: Clerk of the Board

Date: _____

APPROVED AS TO FORM:

Signature: _____

Printed: Aleks R. Giragosian

Title: General Counsel

Date: _____

GENERAL MANAGER EMPLOYMENT AGREEMENT

This General Manager Employment Agreement (“Agreement”) is made and entered into by and between the Montecito Sanitary District, a California special district (“District”), and John F. Weigold, IV, an individual (“Employee”). The District and Employee may be individually referred to as “Party” or collectively as “Parties.”

RECITALS

- A. Parties desire to enter into this Agreement with Employee to establish the terms and conditions of Employee’s employment as General Manager with the District.
- B. Employee, through the representations made in his resume and cover letter, as well as during his interview with the District’s Board of Directors, represents that he has the qualifications and experience necessary to perform the duties of the District’s General Manager.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the Parties agree as follows:

- 1. Duties.
 - a. District hereby employs Employee as General Manager to perform the functions and duties of the position of General Manager, as outlined in the attached job description, as may be assigned from time-to-time by the District’s Board of Directors, and as may be necessitated by local, state, or federal law.
 - b. Employee agrees to devote his full time and effort to the performance of this Agreement and to remain in the exclusive employ of District and not to become otherwise employed while this Agreement is in effect without the prior written approval of the District’s Board of Directors.
 - c. District acknowledges that the Employee occasionally serves as a wedding officiant, which will not to interfere with District duties.
- 2. Term.
 - a. This Agreement will take effect on December 8, 2022 and will remain in force and effect until terminated as provided for herein.
 - b. Employee will commence service on the effective date of this Agreement and will assume the role of General Manager on December 17, 2022.
- 3. Termination.
 - a. Termination for Convenience. Employee is an at-will employee and this Agreement does not create any property interest in continued employment with the District or a right to be discharged only upon cause during his tenure as General Manager. At such times as Employee is serving as General Manager, he is serving at the pleasure of the District Board of Directors and may be dismissed at any time, for any reason, with or without notice. Upon termination, Employee

shall be paid six months of his then current salary as severance consistent with the requirement of Government Code sections 53260 et seq.

- b. Termination for Cause. District may terminate this Agreement for cause upon the occurrence of any of the following:
- i. Sexual harassment or abusive conduct;
 - ii. Drug abuse that impedes performance of duties;
 - iii. Conviction of a felony or misdemeanor involving a crime of moral turpitude or “abuse of office or position” as defined in Government Code section 53243.4;
 - iv. Willful abandonment of the position or continued and unexcused absence from duty or absence due to disability if such disability precludes performance of essential job duties for more than six cumulative months after attempts at reasonable accommodations pursuant to the Americans with Disabilities Act and/or California’s Fair Employment & Housing Act; or
 - v. Fails to provide a clearance notice from the California Department of Justice within 30 days of the effective date of this Agreement.

Upon termination for cause, Employee will not be entitled to receive any compensation or benefits under this Agreement, except for accrued salary and vacation that Employee accrued as of the date of the notice of termination. At the Board of Director’s discretion, Employee may be placed on paid administrative leave pending any District investigation. Any salary provided to Employee and any defense costs incurred by the District on behalf of Employee shall be fully reimbursed to the District by Employee in the event of a crime involving an abuse of office or position.

- c. Resignation. Employee may terminate this Agreement at any time for convenience upon 60 days written notice of resignation to District, or a date as agreed upon by the Board of Directors. Upon resignation, Employee will be entitled to receive all salary and accrued benefits as of the date of resignation to which Employee is entitled to pursuant to this Agreement.

4. Hours of Work.

- a. Subject to Employee’s inability to work due to sickness, injury, noticed periods of vacation, holiday or other excused absences, at all times during the term of this Agreement or any extension thereof, Employee will arrange to be available to perform the duties of the General Manager during the regular business hours of District, and also at such other times as District may from time-to-time reasonably request.
- b. It is understood and agreed that Employee shall not be entitled to any compensation other than that provided for in this Agreement for services which may be rendered by him outside of District’s regular business hours, such as on Saturdays, Sundays, or holidays, or for attendance at District’s Board of Directors meetings, community meetings or events, and meetings with other governmental officials.

5. Salary.

- a. District shall pay Employee an annual base salary of \$180,000, which shall be paid bi-weekly in accordance with District's standard pay schedule.
- b. Employee shall be exempt from paid overtime compensation and from Social Security taxes, other than the mandatory Medicare portion of such taxes.
- c. Salary and/or benefits adjustments may be considered by the Board of Directors annually in conjunction with Employee's Annual Review.

6. Retirement.

- a. Parties shall pay their respective shares of the CalPERS retirement contribution as actuarially determined by CalPERS for each fiscal year.
- b. Employee shall be entitled to a retirement benefit level of 2% at 62, as defined by CalPERS.

7. Retirement Notice.

- a. Employee agrees to provide District with written notice of his intent to retire from District service at least 180 days prior to the date of his intended retirement.

8. Vacations.

- a. District agrees to provide Employee 120 hours of vacation leave with pay per year. The use of such vacation leave shall be subject to the same rules that apply to all management level employees of District. Employee shall not carry over more than 240 hours of vacation leave in excess of his regular annual accrual. Accrual of additional vacation shall cease until Employee's total accrual of vacation leave falls below the 240-hour accrual limit.
- b. District acknowledges that Employee has a preplanned vacation scheduled for the period beginning on December 22, 2022, and ending on December 30, 2022. The District and Employee agree that Employee will be allowed to take this vacation without pay.

9. Cellular Phone and Internet Allowance.

- a. District shall provide Employee with a cellular phone and Internet allowance of \$100 per month in recognition of the additional hours of duty outside of normal working hours.

10. Vehicle Allowance.

- a. District shall provide Employee with a vehicle allowance of \$300 per month.

11. Continuing Education and Professional Associations.

- a. District recognizes the need for and encourages Employee to participate in continuing education classes (in addition to those required for his professional licensures and certifications) that are relevant to the sanitary industry and to associate himself with industry-related professional organizations. To that end, District authorizes Employee to maintain membership in such professional organizations at District's reasonable expense and to participate in the educational seminars and meetings of said organizations, both inside and outside the District,

to the extent the District may reasonably authorize and approve such expenditures in its annual budget.

12. Professional Licenses.

- a. District agrees to pay all applicable renewal fees and continuing education expenses required for Employee to maintain all of his professional licensures and certifications.

13. Other Benefits.

- a. Employee will be entitled to those other benefits received by management level employees, not otherwise specifically provided herein, pursuant the District's Employee Handbook, including health insurance, short- and long-term disability insurance, life insurance, unemployment insurance, workers' compensation insurance, sick leave, holiday leave, paid personal leave, kin care, bereavement leave, and time off due to jury duty, witness duty, or pursuant to a subpoena.
- b. District agrees to provide Employee with 40 hours of paid personal leave annually. The use and accrual of such personal leave shall be subject to the same rules that apply to the District's eligible employees.
- c. District agrees to a one-time payment of up to \$3,000 for an executive coach of Employee's choice for purposes of Employee's successful onboarding.

14. Performance Evaluation.

- a. The District's Board of Directors shall conduct a one-time review 6 months after the start of Employee's employment to evaluate Employee's performance ("6 Month Review").
- b. The District's Board of Directors shall review and evaluate the Employee's performance at least once a year ("Annual Review").
- c. Employee shall initiate and schedule the 6 Month Review and Annual Review.
- d. At each 6 Month Review and Annual Review, Employee will be afforded an adequate opportunity to discuss each evaluation with the District's Board of Directors. Among other things, the evaluation shall include the Board of Directors' and District Manager's expectations of one another. Nothing herein shall constrain the District Board of Directors from establishing a work plan, the priorities or objectives therefor, or changing or modifying the plan.

15. Indemnification.

- a. District shall defend, hold harmless and indemnify Employee against any claim, demand, judgment, or action of any type or kind arising within the course and scope of his employment to the extent required by Government Code sections 825 and 995.
- b. Pursuant to Government Code section 825(a), District reserves the right not to pay any judgment, compromise, or settlement until it is established that the injury arose out of an act or omission occurring within the scope of the Employee's employment as an employee of District.
- c. The following limitations apply to District's obligation to indemnify the Employee:

- i. In the event the Employee is placed on paid leave pending an investigation, Employee shall reimburse such pay to District if he is subsequently convicted of a crime involving an act listed in Section 3(b)(iii);
- ii. In the event District pays for Employee's legal criminal defense, he shall fully reimburse such funds to District if he is subsequently convicted of a crime involving an act listed in Section 3(b)(iii);
- iii. If this Agreement is terminated, any cash settlement related to the termination that Employee may receive from District must be fully reimbursed to District if he is subsequently convicted of a crime involving an act listed in Section 3(b)(iii).


16. General Provisions

- a. Integration. This Agreement constitutes the entire agreement between the Parties. The Parties hereby acknowledge that they have neither made nor accepted any other promise or obligation with respect to the subject matter of this Agreement. This Agreement may be amended only by a writing signed by Employee, approved by the District Board of Directors, and executed on behalf of both Parties.
- b. Waiver. A waiver of any of the terms and conditions of this Agreement shall not be construed as a general waiver by the District and the District shall be free to enforce any term or condition of this Agreement with or without notice to Employee notwithstanding any prior waiver of that term or condition.
- c. Severability. If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, then such term or provision shall be amended to, and solely to, the extent necessary to cure such invalidity or unenforceability, and in its amended form shall be enforceable. In such event, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and enforced to the fullest extent permitted by law.
- d. Counterparts. This Agreement may be signed in one or more counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same instrument.

TO EFFECTUATE THIS AGREEMENT, the parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

“DISTRICT”

Montecito Sanitary District

Signature:  DocuSigned by: A62221092E534A7...


Printed: Dorinne Lee Johnson

Title: President

Date: 3/3/2023

“EMPLOYEE”

John F. Weigold, IV

Signature:  DocuSigned by: 1475CD41AAEB4D9...

Printed: John F. Weigold, IV

Title: General Manager

Date: 3/2/2023

Approved as to form:

Signature:  DocuSigned by: 825B6A008AB1431...

Printed: Aleks R. Giragosian

Title: General Counsel

Date: 3/2/2023



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MONTECITO SANITARY DISTRICT STAFF REPORT – 4B

DATE: August 10, 2023
TO: Board of Directors
FROM: John Weigold, General Manager
SUBJECT: Discussion on the MSD/MWD Collaboration and Consolidation Study

RECOMMENDATION

It is recommended that the Board:

- i) Further discuss the Special District Collaboration and Consolidation effort between the Montecito Sanitary District and the Montecito Water District; and
- ii) Take any such additional, related action that may be desirable.

ANALYSIS

The Board last met on July 26th, 2023 to receive a presentation from Raftelis Consulting on their Collaboration and Consolidation report and to ask clarifying questions.

This meeting will continue that discussion among the Board.

FISCAL IMPACT

None.

ATTACHMENTS: None



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MONTECITO SANITARY DISTRICT STAFF REPORT – 4C

DATE: August 10, 2023
TO: Board of Directors
FROM: John Weigold, General Manager
SUBJECT: Discussion on Setting a Date to Develop the District’s Strategic Plan

RECOMMENDATION

It is recommended that the Board:

- i) Discuss setting a date to develop the District’s strategic plan; and
- ii) Taking such additional, related action that may be desirable.

FISCAL IMPACT

There is financial impact for this decision. The cost for the strategic planning consultant to prepare and lead the retreat is approximately \$5,500 plus expenses.

DISCUSSION

Staff recommends that the Board select a date to develop the District’s strategic plan. The consultant has suggested dates of September 14 or September 20.

ATTACHMENTS:

1. Proposed Agenda for a Montecito Water District Strategic Planning Retreat

**MONTECITO SANITARY DISTRICT
PROPOSED STRATEGIC PLANNING RETREAT
(if desired, date to be determined)**

8:00 Continental Breakfast

8:30 Welcome and Public Comment – Woody Barrett, President

Purpose of the Workshop and Introduction of the Facilitator and Recorder – John Weigold, General Manager

Role of the Facilitator, Recorder, Participants and the Public; Strategic Planning Elements; Agenda – Marilyn Snider, Facilitator – Snider and Associates

Introduction of the Participants

Montecito Sanitary District Mission Statement

Identify Core Values/Guiding Principles for Montecito Sanitary District

What Are Montecito Sanitary District’s Strengths and Accomplishments in the Past Year?

What Are Montecito Sanitary District’s Current Internal Weakness/Challenges?

What are the External Factors/Trends (e.g., economic, political, technological, social and environmental) that Will/Might Have an Impact on the Montecito Sanitary District in the Next Three Years:

- **Positively (opportunities)?**
- **Negatively (threats)?**

Identify Three-Year Goals (what the Montecito Sanitary District needs to accomplish)

- **Brainstorm Goals in Small Groups**
- **By Consensus, Select 4 or 5 Goals in Large Group**

Identify Six-Month Strategic Objectives (how the goals will be addressed – by when, who will be accountable, for what specific, measurable results) for Each of the Three-Year Goals

Next Steps/Follow-Up Process to Monitor Progress on the Goals and Objectives (including setting a date within 6 months to update the strategic plan)

Summary of the Workshop and Closing Remarks

3:30 Adjourn

The retreat will begin promptly at 8:30 a.m. There will be breaks, including for lunch. Please limit use of cell phones and computers to the breaks and do not schedule conference calls or meetings during the workshop.



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MONTECITO SANITARY DISTRICT STAFF REPORT – 4D

DATE: August 10, 2023
TO: Board of Directors
FROM: John Weigold, General Manager
Bryce Swetek, Engineering Manager
SUBJECT: Discussion on the Electrical Rehabilitation and Aeration Blower Replacement Project

RECOMMENDATION

It is recommended that the Board:

- i) Receive a presentation from Staff related to the Electrical Rehabilitation and Aeration Blower Replacement Project; and
- ii) Take such additional, related action that may be desirable.

FISCAL IMPACT

None

ATTACHMENTS:

1. PowerPoint Presentation – Electrical, AB Blower and SCADA System Improvements Project Overview

Montecito Sanitary District

Electrical, AB Blower, and SCADA Systems
Improvement Project Overview

Objectives

- ▶ Present a high-level overview of:
 - ▶ Where are we and how did we get here?
 - ▶ Existing conditions of the systems
 - ▶ Goals of the project
 - ▶ Implementation timeframe

Where Are We and How Did We Get Here?

- ▶ The District planned to pursue an Electrical Rehabilitation project since 2020.
 - ▶ Primary Goals: Safety and Treatment Reliability
- ▶ Project development evolved to include additional goals (2021-2023)
 - ▶ Primary Goals: Safety, Treatment Reliability, Meeting Code, Efficiency, and Funding/Incentives
 - ▶ Carollo Study
 - ▶ Includes Electrical, AB Blower, and SCADA Systems Improvements
 - ▶ Treatment efficiency (air dosing)
 - ▶ Energy efficiency
- ▶ Staff currently evaluating design options

Condition of the Existing Electrical System

- ▶ A significant amount of our WWTP electrical assets are original with the plant (1961).
- ▶ The electrical system is not grounded. Shocking, right!? 😊
- ▶ A Condition Assessment of our WWTP was completed by Carollo in 2021-2022 and they ranked 9 out of 19 of our electrical assets as “Very Poor Condition”



Goals of the Improved Electrical System

- ▶ Replace old equipment and ground the system
- ▶ Meet current Electrical Code
 - ▶ Primary driver for determining extent of scope of work
- ▶ Meet Building/Seismic Code
- ▶ Prevent critical electrical system failures.
 - ▶ Emergency premium costs
 - ▶ Public safety hazards
 - ▶ Fines/lawsuits from violations

Condition of the Existing Blower System

- ▶ Most of the Blower System (blowers, motors, mechanical piping, etc.) are original with the plant (1961)
- ▶ Blowers and Motors (1, 2, and 3) were evaluated to be in moderate condition in the Carollo Study
 - ▶ Great physical condition
 - ▶ The inlet piping is likely very corroded and contributing to accelerated wear of the blowers, air discharge piping, and air diffusers
 - ▶ Recommended the blower inlet air is moved from the influent wet well to an alternate location where the H₂S levels are not as high



Goals of AB Blower System Improvements

- ▶ Replace AB Blowers, motors, and appurtenances
- ▶ Install energy efficient blowers, motors, and controls
- ▶ Utilize new air intake system
 - ▶ Will need to design and construct new ventilation at influent pump station
- ▶ Utilize grant/incentive opportunities for energy efficiency
- ▶ Prevent critical blower system failures
 - ▶ Emergency premium costs
 - ▶ Public safety hazards
 - ▶ Fines/lawsuits from violations

Condition of Existing SCADA System

- ▶ SCADA was not considered an “asset” by the Carollo Study as there is only a “skeleton system” and has minimal to no functionality
- ▶ In December 2022, MSD hired Aspect Engineering for a SCADA Assessment and included key findings:
 - ▶ System is old - utilizes Windows 2003
 - ▶ System is only connected to a few Programmable Logic Controllers (PLCs). PLCs are hardware necessary for the software (SCADA)
 - ▶ System is inaccurate and not useful

Goals of SCADA System Improvements

- ▶ To digitally monitor and control the AB Blower System
 - ▶ Primary driver of scope of work is to scale with Electrical System
- ▶ To bring equipment up to standards for SCADA implementation
- ▶ To increase treatment process efficiency
- ▶ To allow Staff to be quickly alerted, easily identify, and address issues within the treatment process
- ▶ To prevent critical SCADA failures
 - ▶ Emergency premium costs
 - ▶ Public safety hazards
 - ▶ Fines/lawsuits from violations

Project Implementation Timeframe

- ▶ The 2022 Carollo Study determined infrastructure related to all three systems needed to be replaced/rehabilitated within 0-2 years (considered “Urgent”)
- ▶ Staff to begin design phase ASAP
- ▶ Construction would be during “dry season” in 2024 or 2025

Questions?



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MONTECITO SANITARY DISTRICT STAFF REPORT – 4D

DATE: August 10, 2023
TO: Board of Directors
FROM: John Weigold, General Manager
Bryce Swetek, Engineering Manager
SUBJECT: Discussion on the Electrical Rehabilitation and Aeration Blower Replacement Project

RECOMMENDATION

It is recommended that the Board:

- i) Receive a presentation from Staff related to the Electrical Rehabilitation and Aeration Blower Replacement Project; and
- ii) Take such additional, related action that may be desirable.

FISCAL IMPACT

None

ATTACHMENTS:

1. PowerPoint Presentation – Electrical, AB Blower and SCADA System Improvements Project Overview



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MONTECITO SANITARY DISTRICT STAFF REPORT – 4E

DATE: August 10, 2023
TO: Board of Directors
FROM: John Weigold, General Manager
Ricardo Larroude, Collections & Maintenance Superintendent
SUBJECT: Discussion on the District’s CCTV Van and its Capabilities as it Relates to Intrusions on the Collection System

RECOMMENDATION

It is recommended that the Board:

- i) Receive a presentation from Staff related to the District’s CCTV Van and its use in identifying issues in the District’s Collection System; and
- ii) Taking such additional, related action that may be desirable.

FISCAL IMPACT

There is no fiscal impact for this agenda item.

DISCUSSION

The Board asked at the regular Board meeting on July 27, 2023, for additional information regarding the District’s CCTV van and our current program to inspect and repair our collection system sewer lines throughout the District’s area. Staff will present a presentation to outline for the Board this information, our program and budget for addressing these issues, and follow up with an opportunity for further discussion.

ATTACHMENTS:

1. Presentation – Closed Circuit Television Video (CCTV) Van Program

MONTECITO SANITARY DISTRICT

Closed Circuit Television Video Program (CCTV)



CCTV Program Equipment



- CCTV System = Vehicle, CCTV transporter, cable reel, camera, generator, controller and computer hardware and software
- Purchased by the District in 2012 to replace fully depreciated equipment
- Cost \$170,245
- 15-year depreciation schedule



CCTV Program



CCTV system is a vital tool for operating and maintaining the collection system. Equipment is used for:

- **Routine inspection** - Sewer lines are inspected on a 5/6-year schedule to monitor condition and maintenance effectiveness
- **Emergency Response** – used to determine cause of private or public sewer overflows
- **Develop CIP Projects** - Used to perform condition assessment using PACP rating to prioritize and build rehabilitation projects
- **Pre-Acceptance Inspections** - Used to verify condition after point repairs and prior to District accepting sewer main extensions
- **Utility Locating** - Used to locate and mark sewer lines for underground service alerts (USA), assists MSD with complying with DigAlert laws (48 hrs)

Requirements

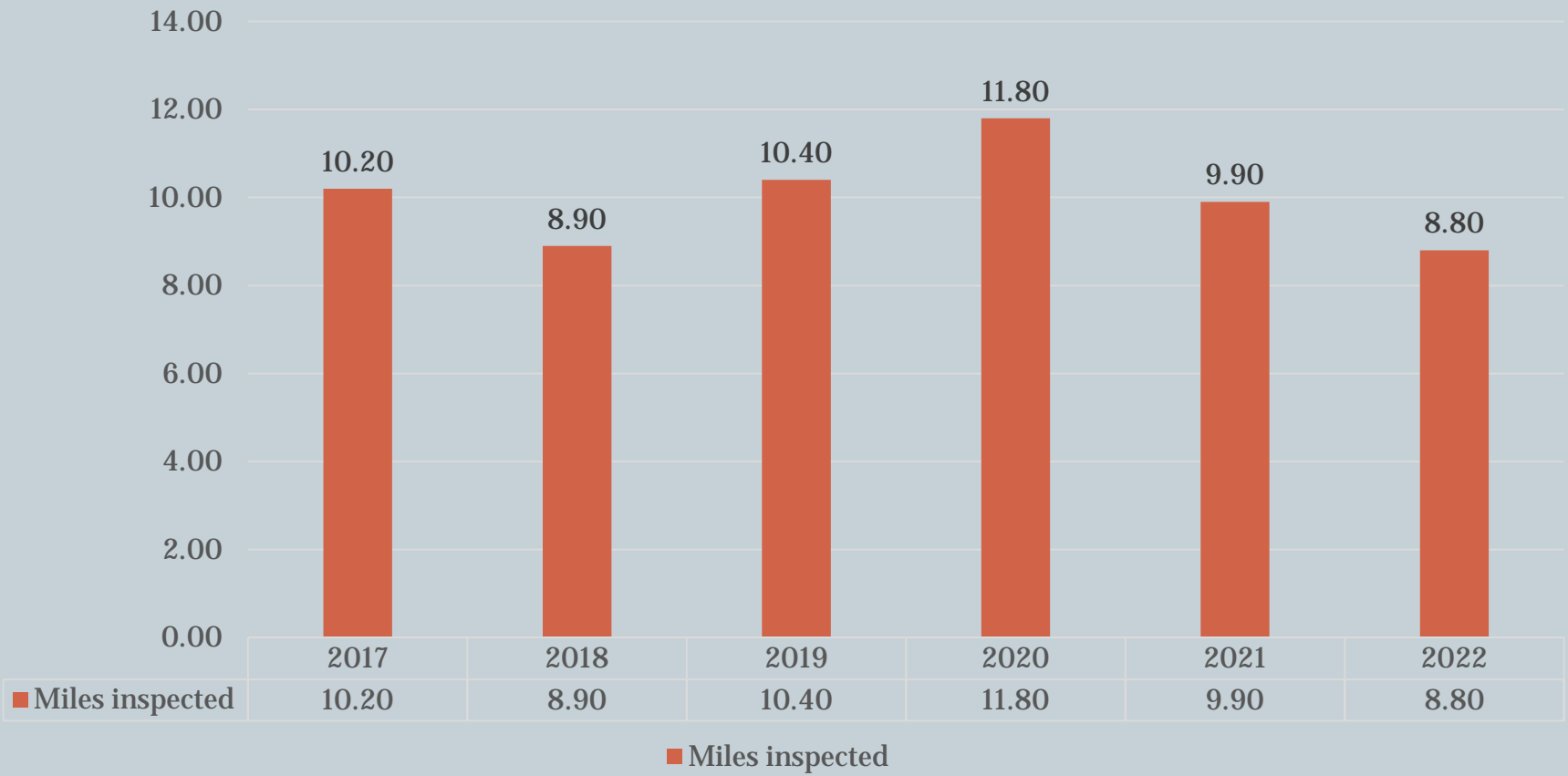


- Key component in our Sewer System Management Plan (SSMP) required by regulators : California Integrated Water Quality System (CIWQS)
- Required component for condition assessment on District assets for reporting purposes.
- District is required to mark out utility locations within 48 hrs of a request from Underground Service Alert (USA)

Inspection Data



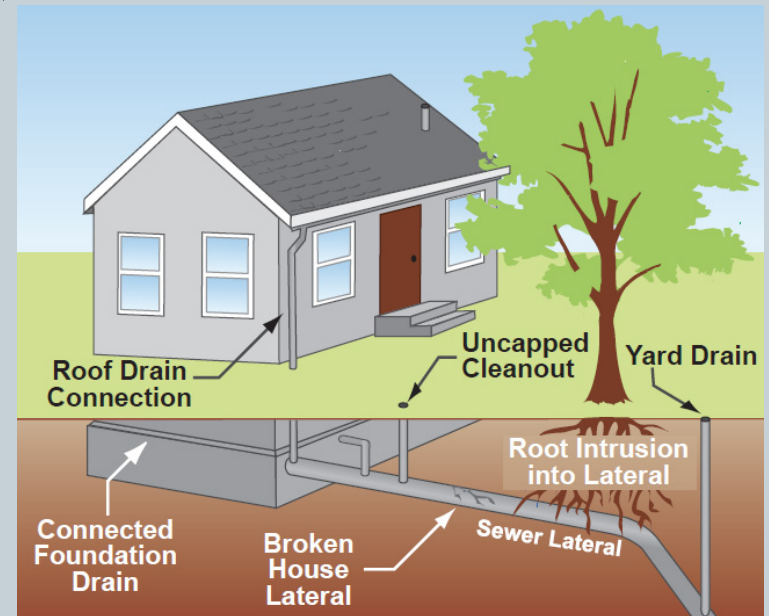
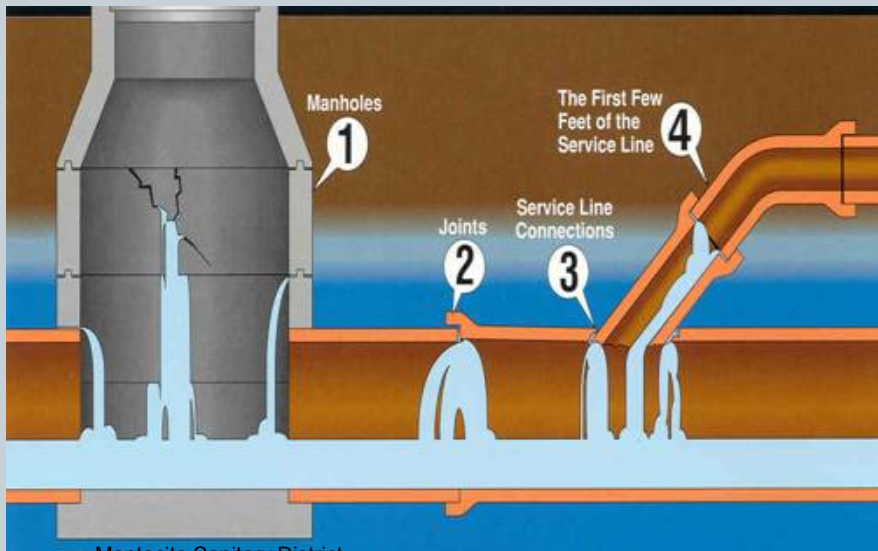
Miles inspected



Inflow & Infiltration (I&I)



- Inflow is when water from rain, snow, or other sources flows into the sewer pipes through openings such as roof drains, sump pumps, or illegal connections.
- Infiltration is when groundwater seeps into the sewer pipes or laterals through cracks, joints, breaks.



Mainline Rehabilitation



- Identified, rated, and prioritized 555 sewer mainlines in need of rehabilitation (108,046 feet) 20.4 miles



Figure 1: Sewer infiltration (Skipper, n.d.)

Manhole Rehabilitation



- Identified & prioritized 128 manholes in need of rehabilitation



Questions?

