



SEWER AUTHORITY MID-COASTSIDE

Board of Directors *Special Board Meeting*

Wednesday, January 4, 2023 4:00 PM-6:00 PM

SAM Administration Building, 1000 N. Cabrillo Highway, Half Moon Bay, CA 94019

Due to the continuing state of emergency declared by the Governor related to preventing the spread of COVID-19, and pursuant to Government Code Section 54953(e), Sewer Authority Mid-Coastside (SAM) will be holding this Board meeting by Zoom Webinar; access to this meeting will be available to the Board and the public by either computer web-link or telephone audio as noted below.

Computer Audio: Please click the link below to join the Zoom webinar:

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<https://us02web.zoom.us/j/82273148656?pwd=U0lYakMzNUdnK2x1V2FqaURtZGJhUT09>

Meeting ID: 822 7314 8656

Passcode: 060822

One tap mobile

+16694449171,,82273148656#,,,,*060822# US

+16699006833,,82273148656#,,,,*060822# US (San Jose)

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If you have a disability and require special assistance related to participating in this teleconference meeting, please contact the Authority in advance of the meeting at (650) 726-0124 or via email at kishen@samcleanswater.org.

1. CALL TO ORDER

A. Roll Call:

Chair:

Deborah Ruddock (HMB)

Vice-Chair:

Kathryn Slater-Carter (MWSD)

Secretary/Treasurer:

Matthew Clark (GCSD)

Director:

Dr. Deborah Penrose (HMB)

Director:

Ric Lohman (MWSD)

Director:

Barbara Dye (GCSD)

2. PUBLIC COMMENT / ORAL COMMUNICATION/ ITEMS NOT ON THE AGENDA

Members of the public are welcome to submit comments via e-mail by sending them to kishen@samcleanswater.org. All comments so submitted prior to 4 pm on January 4, 2023 will be distributed to the Board electronically and/or read out loud during the discussion of the respective item(s) identified in the email. Members of the public may also provide comments telephonically or electronically on topics within the jurisdiction of the Authority, or on individual items on the agenda following recognition by the Board Chair presiding over the meeting.

3. REGULAR BUSINESS

- A. Update Board of Directors on damage to Authority plant and facilities attributable to recent and ongoing storms and flooding (**Attachment**)
- B. Declare state of emergency per Resolution 1-2023, and direct Authority General Manager to coordinate, as appropriate, with the Authority's Member Agencies, County of San Mateo, and State/Federal disaster relief agencies to address the emergency and, where authorized, seek state and federal disaster relief funds that may be made available in association with same (**Attachment**)
- C. In compliance with the Authority Purchasing Policy approved in October 2022, and Public Contract Code Section 22050, adopt Resolution 1-2023 that will:
 - i. declare recent flooding and storm damage to Authority facilities in and around Pilarcitos Creek, and at the IPS Force Main at Montara, to be emergency circumstances for purposes of the Public Contract Code and federal regulations involving disaster relief funding;
 - ii. determine that the public interest and necessity demand the immediate expenditure of Authority funds in order to safeguard life, health or property within Authority's service area;
 - iii. find that emergency circumstances will not permit delay in procurement that would occur if competitive bidding was required prior to commencement of immediately required repair work, and further find that immediate procurement action is needed to respond to the current emergency;
 - iv. authorize the general manager, after consultation with the Board President where the contract exceeds the General Manager's existing delegated contracting authority, to enter into such additional contracts (public works and non-public works) as the General Manager deems necessary to safeguard Authority facilities and/or protect the public health and environment during the period of the continued emergency;
 - v. ratify emergency procurements that Authority entered into between December 31, 2022 and January 4, 2022;
 - vi. direct the General Manager to place on the agenda for board review the

status of the continued emergency, and associated public works procurements, at each regular board meeting until such time as the emergency repairs authorized in the resolution have been completed.

2. GENERAL MANAGER’S COMMENTS

3. DIRECTOR COMMENTS

4. ADJOURNMENT

INFORMATION FOR THE PUBLIC

This agenda contains a brief description of each item to be considered. Those wishing to address the Board on any matter on the Agenda may do so during the Public Comment section of the Agenda and will have a maximum of three minutes to discuss their item. Any writing that is a public record and relates to an agenda item for an open session of an Authority meeting that is distributed to the Board less than 72 hours prior to the meeting, is available for public inspection, during normal business hours, at the Authority’s office.

Board meetings are accessible to people with disabilities. Upon request, the Authority will make this agenda available in appropriate alternative formats to persons with a disability. In compliance with the Americans with Disabilities Act, the Authority will provide special assistance for participation in this meeting. Please submit requests for a disability-related modification or an accommodation in order to participate in the public meeting at least two working days, or as soon as is otherwise practicable, in advance of the meeting by contacting the Authority at (650) 726-0124.



SEWER AUTHORITY MID-COASTSIDE

Staff Report

TO: Honorable Board of Directors

FROM: Kishen Prathivadi, General Manager

DATE: January 4, 2023

SUBJECT: **Update, Emergency Declaration, and Authorization for Emergency Procurements for Storm Damage at Authority Plant, IPS Force Main, and Other Authority Facilities Attributable to Catastrophic Storm and Atmospheric Rivers that Hit the Coastside Between December 31, 2022 and January 7, 2023**

Staff Recommendation

Staff recommends that the Sewer Authority Mid-Coastside (Authority) Board of Directors (Board) declare the continuing storm damage at the Authority's wastewater treatment plant ("Plant"), the IPS Force Main, and at other Authority Facilities, to be an ongoing emergency, and approve Resolution 1-2023 that will authorize the General Manager to undertake certain emergency procurements needed to protect public health and safety, while ensuring continued provision of essential public services and potentially assisting SAM to access state and federal disaster relief funds.

Fiscal Impact

The estimated cost of emergency repairs and related services for this event is not currently known given the ongoing nature of the emergency, anticipated additional

BOARD MEMBERS:	M. Clark	B. Dye	R. Lohman
	D. Penrose	D. Ruddock	K. Slater-Carter
ALTERNATE MEMBERS:	S. Boyd	J. Randle	J. Grant
	P. Dekker	J. Harvey	H. Rarback

atmospheric river events forecasted over the next week, and the ongoing rupture of the IPS Force Main which has not yet been successfully repaired. Staff will provide currently known information at the special meeting, with additional cost data to be provided to the Authority Board at the Regular Board Meeting scheduled for January 9, 2022.

Strategic Plan Compliance

The report complies with Goal 5 of the SAM Strategic Plan, “**Infrastructure, Operations, and Maintenance,**” Goal 5.3 – “**Develop a longest term reasonable perspective in concrete spending terms of potential alternative approaches to managing the system with the objective of decreasing long term costs and environmental impacts and increasing safety.**”

Background and Discussion/Report

On December 31, 2022 an atmospheric river dropped over five inches of rain in a 24 hour period in the Coastside and throughout the Bay Area—leading to wide spread flooding, levee failures, and floodwater rescues throughout Northern California, including within San Mateo County and the City of Half Moon Bay. See

<https://www.washingtonpost.com/weather/2023/01/01/san-francisco-flooding-rainfall-record/>.

The next atmospheric river, which may be even more severe than the December 31, 2022 storm, is anticipated to hit the Coastside on January 4 bringing heavy rains and high winds to soils that are already inundated—potentially resulting in catastrophic flooding. The storm events caused the following damage:

1. On December 31, 2022, the Pilarcitos Creek adjacent to the plant flooded into the Plant. Approximately, 2690 CFS was flowing in the creek at the time of flooding. The flooding into the plant caused storm water to enter the Electrical building located in Mechanical Building 1, Pipe gallery, Effluent building and caused damaged to certain equipment.

As of now, the following equipment damage has taken place:

- a) Recirculation Pump 1
- b) Transformer for Effluent building
- c) Breakers for spray pumps to the Press
- d) Chain in Primary

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To protect the plant further from flooding we also had to shut off Portola Pump Station and Montara Pump Station. This caused an overflow at the Wet Weather Storage on the Burnham strip, Magellan Avenue and RV Park across Burnham strip.

Authority management procured contract support on December 31, 2022, and January 1, 2023, to prevent failure of the Plant in and around the flooding of Pilarcitos Creek. Additional contract support is likely to be immediately needed given the likelihood of severe flooding in and around the Plant with the next atmospheric river set to come ashore on January 4, 2023.

2. On January 1, 2023 it was notified that there was sewage leaking between California and Vallemar Street along Highway 1. Upon investigation, staff determined that there was a force main leak on the Montara Force main south of Vallemar Pump Station. After excavating the pipe, it was determined that there were several breaks in the force main. Emergency repairs did not resolve the leak completely and further repairs are needed. Additional emergency procurements are likely to be needed to repair the Force Main and bring it back into compliance.

Staff estimates that the repairs and related services at the Plant, which may involve construction and other public works related activities, will cost in excess of \$15,000, which exceeds the amount allowed under Public Contract Code § 20803 for non-competitive construction awards, and would otherwise, absent an emergency declaration by the Board and/or the General Manager, require competitive solicitations prior to repair and replacement of Authority facilities.

Photos of the damage to date are attached hereto for the Board's consideration. Additional updates on damage, and the Authority's efforts to mitigate same, will be provided to the Board at the January 9, 2023 regular board meeting.

Recommendation

Resolution 1-2023, enclosed herewith, if approved by the Board, will ratify the emergency procurements undertaken by the Authority since December 31 and provide the legal authority for the Board and General Manager to undertake future emergency procurements as may be necessary to protect human health, safety, and property,

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while ensuring the continued provision of essential public services within the Coastsides. Additionally, the declaration of emergency contained in Resolution 1-2023 will help facilitate coordination with the Authority's member agencies, the County of San Mateo, and state and federal agencies that may be providing disaster relief funds in the near future given the severity of the anticipated flooding and storm damage.

Attachments

- A. Resolution 1-2023
- B. Photos of Storm Damage at the Plant and at IPS Force Main

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**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SEWER AUTHORITY MID-COASTSIDE**

RESOLUTION NO. 1-2023

**DECLARING EMERGENCY, AND AUTHORIZING/RATIFYING GENERAL
MANAGER'S AUTHORITY TO CONTRACT FOR EMERGENCY SERVICES
NECESSITATED BY STORMS AND FLOODING WITHIN AUTHORITY'S SERVICE
AREA**

RESOLVED, by the Board of Directors of the Sewer Authority Mid-Coastside ("Authority"), San Mateo County, California, as follows:

WHEREAS, on December 31, 2022, the service area of the Sewer Authority Mid-Coastside received approximately five inches of rain in a period of approximately 24 hours in one of the most intense periods of rainfall to hit the Coastside in recorded history.

WHEREAS, additional powerful storms are forecast for the Coastside during the period of January 4-6, 2023, creating the potential, with already saturated soils, for significant additional flooding in and around Pilarcitos Creek at the Authority's wastewater treatment plant ("Plant"), and around other Authority facilities.

WHEREAS, the intense storm event of December 31, 2022 resulted in significant damage to the Plant, and to the Intertie Pipeline System (IPS) Force Main in the Montara service area.

WHEREAS, Authority management, in an effort to keep the Plant online and properly functioning during the severe flooding occurring on December 31, 2022 and January 1, 2023, contracted with Andreini Bros Inc, A-1 Services, Calcon, Brushhog, Able Services, to assist Authority Staff in preventing further harm to the Plant, IPS Force Main, and other Authority infrastructure.

WHEREAS, the Authority's Purchasing Policy, unanimously approved by the Authority Board in October 2022 (the "Purchasing Policy"), and Authority Board Resolution 4-2011 (approved August 22, 2011), provide authorization for the General Manager to determine that emergency circumstances exist and that rapid action is required to respond to the emergency; these authorities enable the Authority's General Manager to procure services in an expedited manner during an emergency without going through a competitive bidding process, provided the requirements of the Purchasing Policy and section 22050 of the Public Contract Code (emergency procurement for facilities repair and replacement) are met.

WHEREAS, the Authority's Purchasing Policy defines an "emergency" as "a circumstance wherein the public interest and necessity demand the immediate expenditure of SAM funds in order to safeguard life, health or property."

WHEREAS, the Purchasing Policy authorizes the General Manager of the Authority, in an emergency, to procure non-construction related services that exceed the General Manager's delegated purchasing authority without first obtaining Authority Board approval, subject to ratification by the Authority Board at the next board meeting following the emergency procurement.

WHEREAS, the Purchasing Policy authorizes the General Manager of the Authority, in an emergency, to procure construction and public works type services for the repair and replacement of Authority facilities without a competitive bidding process, provided the General Manager first obtains Board approval, or if board approval is not feasible given the nature of the emergency, the General Manager first obtains approval from the Board President, notifies the Board of the emergency procurement at the next board meeting following such procurement, and then obtains ratification of the Board by a four-fifths vote.

WHEREAS, the Authority's General Manager estimates that the emergency repairs and construction needed to address the current emergency may involve construction work with cost in excess of \$15,000, which absent emergency circumstances would exceed the amount allowed under Public Contract Code §20803 for contract award without competitive bidding;

WHEREAS, Authority's General Manager has determined that waiting for a competitive solicitation for required repairs and associated construction at the Plant and the IPS Force Main, and at other Authority facilities that may sustain storm damage, could result in a threat to public health and safety, damage to property, or the interruption of essential public services.

NOW, THEREFORE, the Authority Board of Directors finds, determines and resolves as follows:

1. The above recitals are true and correct.
2. The Board ratifies the General Manager's prior determination that emergency circumstances exist, finds that the emergency is ongoing, determines that additional emergency procurement actions by Authority are required, and hereby authorizes the General Manager to continue to take such actions as the General Manager determines are necessary to protect life, health, property, or the provision of essential public services, within the Authority's service area during the pendency of the emergency.
3. The emergency, which continues to involve the potential for severe flooding within San Mateo County and throughout Authority's service area, will not permit a delay resulting from a competitive solicitation for bids. The Board finds that emergency procurement for the repair and/or replacement of Authority facilities, including but not limited to those emergency procurements approved by the General Manager between December 31, 2022 and January 4, 2023, is necessary to respond to the emergency.

4. The Board hereby ratifies and approves the emergency procurements that occurred between December 31, 2022 and January 4, 2023, and reaffirms the authority of the General Manager to continue procuring services on an emergency basis—including but not limited to services for the repair and replacement of Authority facilities—per the procedures in the Purchasing Policy and in accordance with Public Contract Code 22050, during the pendency of the current emergency.
5. The Authority's General Manager is directed to place on the agenda for board review and ratification the status of emergency repair and replacement of Authority facilities, and associated public works procurements, at each regular board meeting of the Authority until such time as the emergency repairs authorized and/or ratified in this resolution have been completed.
6. The Authority General Manager is further directed to coordinate, as appropriate, with the Authority's Member Agencies, the County of San Mateo, and State/Federal disaster relief agencies to address and mitigate the effects of the emergency and, where authorized, seek state and federal disaster relief funds that may be made available in association with addressing the emergency.
7. To the extent Authority is eligible to receive federal funding from the Federal Emergency Management Agency (FEMA), or other federal agencies, for disaster relief or other purposes related to abating or addressing the current emergency, the General Manager is hereby granted the authority to waive, or to seek waiver of, otherwise applicable competitive procurement requirements imposed by 2 CFR Part 200 et seq., where the General Manager determines that complying with such competitive process would adversely affect the Authority's ability to readily obtain necessary services, equipment, or materials during the proclaimed emergency or disaster.

I HEREBY CERTIFY that this resolution was duly adopted by the Board of Directors of the Sewer Authority Mid-Coastside, San Mateo County, California, at a special meeting held on the 4th day of January, 2023, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Secretary of the Board of Directors
Sewer Authority Mid-Coastside
San Mateo County, California



Pilarcitos Creek Flooding



Headworks Flooding



Flooding Near Diesel Storage



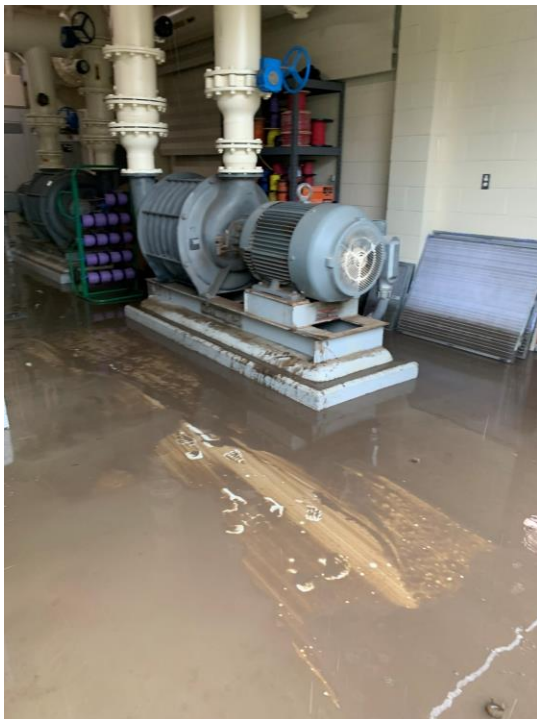
Flooding Around MB1



Aeration Basin Filling Up



Flooding Outside Electrical Building



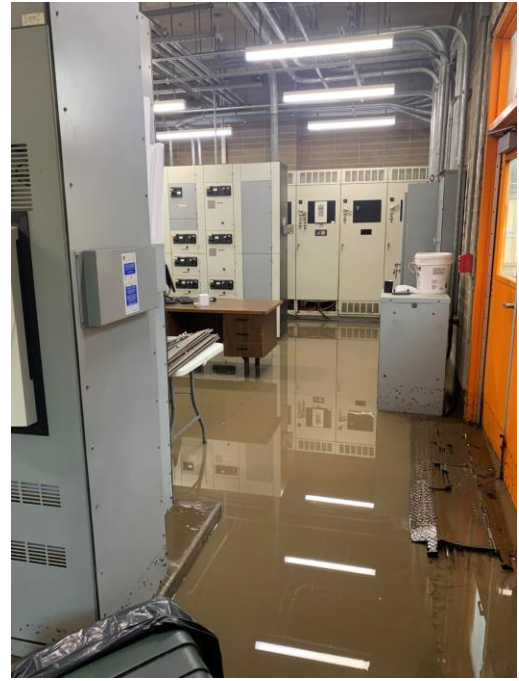
Flooding Inside Blower Room



Flooding Inside Electrical Room



Flooding Near VFD's



Flooding of Panels



Overflow at Montara PS



Overflow at Montara PS Picture 2



Break at IPS Montara FM



Break of IPS FM



Yet Another Break FM