



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

SPECIAL NOTICE REGARDING CORONAVIRUS DISEASE 2019 (COVID-19) AND PARTICIPATION IN PUBLIC MEETINGS

On March 4, 2020, Governor Newsom declared a State of Emergency resulting from the threat of COVID-19. Governor Newsom issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting of public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering all individuals to stay at home or at their place of residence. Accordingly, it has been determined that all Board and Committee meetings of the Santa Ana Watershed Project Authority held pursuant to the Brown Act will be conducted virtually, including meetings of the:

- SAWPA Commission
- PA 22, PA 23, and PA 24 Committees
- OWOW Steering Committee

REGULAR MEETING OF THE PROJECT AGREEMENT 24 COMMITTEE TUESDAY, JUNE 2, 2020 – 10:00 A.M.

(*or immediately following the 9:30 a.m. PA 23 Committee meeting, whichever is earlier)

PUBLIC PARTICIPATION

Public participation is welcome and encouraged. You may participate in the June 2, 2020 meeting of the SAWPA Project Agreement 24 Committee by telephone* and virtually through the Zoom app as follows:

Meeting Access Via Computer (Zoom):	Meeting Access Via Telephone*:
<ul style="list-style-type: none"> • https://sawpa.zoom.us/j/95736327033 	<ul style="list-style-type: none"> • 1 (669) 900-6833
<ul style="list-style-type: none"> • Meeting ID: 957 3632 7033 	<ul style="list-style-type: none"> • Meeting ID: 957 3632 7033

If you are unable to participate by telephone* or virtually, you may also submit your comments and questions in writing for the Committee’s consideration by sending them to publiccomment@sawpa.org with the subject line “Public Comment Item #” (insert the agenda item number relevant to your comment) or “Public Comment Non-Agenda Item”. Submit your written comments by 6:00 p.m. on Monday, June 1, 2020. All public comments will be provided to the Chair and may be read into the record or compiled as part of the record.

***IMPORTANT PRIVACY NOTE: Participation in the meeting via the Zoom app is strongly encouraged.** Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your “identifier” during the meeting and available to all meeting participants. Participation in the meeting via the Zoom app is strongly encouraged; there is no way to protect your privacy if you elect to call in to the meeting. The Zoom app is a free download.

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S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

PURSUANT TO THE PROVISIONS OF EXECUTIVE ORDER N-25-20 ISSUED BY GOVERNOR GAVIN NEWSOM ON MARCH 12, 2020, AND EXECUTIVE ORDER N-29-20 ISSUED BY GOVERNOR GAVIN NEWSOM ON MARCH 17, 2020, ANY COMMITTEE MEMBER MAY CALL INTO THE COMMITTEE MEETING WITHOUT OTHERWISE COMPLYING WITH THE BROWN ACT'S TELECONFERENCING REQUIREMENTS.

VIRTUAL ACCESSIBILITY FOR THE GENERAL PUBLIC:

Due to the spread of COVID-19, and until further notice, the Santa Ana Watershed Project Authority will be holding all upcoming Board and Committee meetings by teleconferencing and virtually through Zoom.

This meeting will be accessible as follows:

Meeting Access Via Computer (Zoom)*:	Meeting Access Via Telephone*:
<ul style="list-style-type: none"> • https://sawpa.zoom.us/j/95736327033 • Meeting ID: 957 3632 7033 	<ul style="list-style-type: none"> • 1 (669) 900-6833 • Meeting ID: 957 3632 7033
<p>*Participation in the meeting via the Zoom app (a free download) is strongly encouraged; there is no way to protect your privacy if you elect to call in by phone to the meeting.</p>	

All votes taken during this meeting will be conducted by oral roll call.

AMENDED AGENDA

TUESDAY, JUNE 2, 2020 – 10:00 A.M.

(or immediately following the 9:30 a.m. SAWPA Commission meeting, whichever is earlier)

REGULAR MEETING OF THE PROJECT AGREEMENT 24 COMMITTEE

Inland Empire Brine Line

Committee Members

Eastern Municipal Water District	Inland Empire Utilities Agency
Paul D. Jones, General Manager	Director Kati Parker
Director David J. Slawson (Alt)	Director Michael Camacho (Alt)
San Bernardino Valley Municipal Water District	Western Municipal Water District
Director T. Milford Harrison, Chair	Director Brenda Dennstedt, Vice Chair
	Craig Miller, General Manager (Alt)

1. CALL TO ORDER | PLEDGE OF ALLEGIANCE (T. Milford Harrison, Chair)

2. PUBLIC COMMENTS

Members of the public may address the Committee on items within the jurisdiction of the Committee; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

3. ITEMS TO BE ADDED OR DELETED

Pursuant to Government Code §54954.2(b), items may be added on which there is a need to take immediate action and the need for action came to the attention of the Santa Ana Watershed Project Authority subsequent to the posting of the agenda.

4. APPROVAL OF MEETING MINUTES: May 5, 2020..... 7

Recommendation: Approve as posted.

5. COMMITTEE DISCUSSION/ACTION ITEMS

A. INLAND EMPIRE BRINE LINE ON-CALL SERVICE CONTRACTS (PA24#2020.10) 11

Presenter: Carlos Quintero

Recommendation: Authorize the General Manager to issue a General Services Agreement and Task Order DOW 240-02 to Downstream Services in the amount of \$210,476.

B. INLAND EMPIRE BRINE LINE AIR RELEASE AND VACUUM VALVE PROGRAM (PA24#2020.11) 37

Presenter: Carlos Quintero

Recommendation: Receive and file.

C. ALCOA DIKE | LOWER REACH IV-B AND CRC LATERAL UTILITY PROTECTION PROJECT (PA24#2020.12)..... 55

Presenter: David Ruhl

Recommendation: Direct the General Manager to file a Notice of Exemption for the Inland Empire Brine Line Lower Reach IV-B and CRC Lateral Utility Protection Project with the Riverside County Clerk’s Office; and, issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Inland Empire Brine Line Lower Reach IV-B and CRC Lateral Utility Protection Project.

D. EUCLID AVENUE (REACH IV-A AND IV-D) MAINTENANCE ACCESS STRUCTURE REHABILITATION PROJECT (PA24#2020.13) 67

Presenter: David Ruhl

Recommendation: Direct the General Manager to file a Notice of Exemption for the Inland Empire Brine Line Euclid Avenue (Reach IV-A and IV-D) Maintenance Access Structure Rehabilitation Project with the San Bernardino County Clerk’s Office; and, issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Inland Empire Brine Line Euclid Avenue (Reach IV-A and IV-D) Maintenance Access Structure Rehabilitation Project.

E. SANTA ANA RIVER TRAIL IMPACTS TO BRINE LINE..... 79

Presenter: Carlos Quintero

Recommendation: Receive and file.

F. INLAND EMPIRE BRINE LINE RATES | DISCUSSION OF COMMISSION DIRECTION

Presenter: Rich Haller

Recommendation: Receive and file; provide direction as needed.

6. INFORMATIONAL REPORTS

Recommendation: Receive for information.

A. BRINE LINE FINANCIAL REPORT – MARCH 2020 87

Presenter: Karen Williams

7. REQUEST FOR FUTURE AGENDA ITEMS

8. CLOSED SESSION

There were no Closed Session items anticipated at the time of the posting of this agenda.

9. ADJOURNMENT

PLEASE NOTE:

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board at (951) 354-4220. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility to this meeting.

Materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at www.sawpa.org, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on May 28, 2020, a copy of this AMENDED agenda has been uploaded to the SAWPA website at www.sawpa.org and posted at SAWPA's office, 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

2020 Project Agreement 24 Committee Regular Meetings

First Tuesday of Every Month

(Note: All meetings begin at 10:00 a.m., or immediately following the 9:30 a.m. SAWPA Commission meeting, whichever is earlier, unless otherwise noticed, and are held at SAWPA.)

January 1/7/20 Regular Committee Meeting	February 2/4/20 Regular Committee Meeting [cancelled]
March 3/3/20 Regular Committee Meeting	April 4/7/20 Regular Committee Meeting
May 5/5/20 Regular Committee Meeting	June 6/2/20 Regular Committee Meeting
July 7/7/20 Regular Committee Meeting	August 8/4/20 Regular Committee Meeting
September 9/1/20 Regular Committee Meeting	October 10/6/20 Regular Committee Meeting
November 11/3/20 Regular Committee Meeting	December 12/1/20 Regular Committee Meeting



PROJECT AGREEMENT 24 COMMITTEE
Inland Empire Brine Line
REGULAR MEETING MINUTES
May 5, 2020

COMMITTEE MEMBERS PRESENT

T. Milford Harrison, Chair, San Bernardino Valley Municipal Water District Governing Board
Brenda Dennstedt, Vice Chair, Western Municipal Water District Governing Board
Kati Parker, Inland Empire Utilities Agency Governing Board
Paul D. Jones, Eastern Municipal Water District General Manager

ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]

None

COMMITTEE MEMBERS ABSENT

None

STAFF PRESENT

Rich Haller, Karen Williams, Carlos Quintero, David Ruhl, Dean Unger, Lucas Gilbert, Kelly Berry

OTHERS PRESENT

Andrew D. Turner, Lagerlof, LLP

1. CALL TO ORDER | PLEDGE OF ALLEGIANCE

The regular meeting of the PA 24 Committee was called to order at 10:00 a.m. by Chair Harrison on behalf of the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California. The record will reflect this meeting was conducted virtually.

Pursuant to the provisions of Executive Order N-25-30 issued by Governor Gavin Newsom on March 12, 2020, and Executive Order N-29-20 issued by Governor Gavin Newsom on March 17, 2020, any Committee member may call into the Committee meeting without otherwise complying with the Brown Act's teleconferencing requirements.

Executive Order N-33-20 issued by Governor Gavin Newsom on March 19, 2020, ordered all individuals to stay at home or at their place of residence. In concert with state and local efforts to prevent the spread of COVID-19, and until further notice, the Santa Ana Watershed Project Authority will be holding all Board and Committee meetings by teleconference and virtually through the Zoom app.

As set forth on the posted meeting agenda, this Committee meeting was accessible to the public by teleconference and through Zoom. Members of the public who were unable to participate by teleconference or virtually were invited to submit comments and questions in writing via email for the Committee's consideration. All votes taken during this meeting were conducted via oral roll call.

2. PUBLIC COMMENTS

There were no public comments; there were no public comments received via email.

3. ITEMS TO BE ADDED OR DELETED

There were no added or deleted items.

4. APPROVAL OF MEETING MINUTES: April 7, 2020

Chair Harrison called for a motion to approve the April 7, 2020 meeting minutes as posted.

MOVED, approve the April 7, 2020 meeting minutes.

Result:	Adopted by Roll Call Vote (Unanimously)
Motion/Second:	Dennstedt/Jones
Ayes	Dennstedt, Harrison, Jones, Parker
Nays:	None
Abstentions:	None
Absent:	None

5. COMMITTEE DISCUSSION/ACTION ITEMS

A. INLAND EMPIRE BRINE LINE RATE RESOLUTION (continued from April 7, 2020) (PA24#2020.8)

Carlos Quintero provided a PowerPoint presentation contained in the agenda packet on pages 16 – 28. Karen Williams provided a PowerPoint presentation contained in the agenda packet on pages 29 – 55.

Vice Chair Dennstedt voiced her desire to delay any increase in order to determine the overall economic recovery after the COVID-19 emergency and asked if the options before the Committee for consideration had already been presented to the General Managers for discussion. General Manager Haller advised there were general discussions with the General Managers, but the detailed numbers and the five options were not specifically discussed. Vice Chair Dennstedt inquired about reserve account minimum/maximum balances; Williams advised some accounts do have minimum/maximum balance requirements, but not all. A copy of the reserve policy approved by the Commission in 2019 will be provided to the Committee members for their information.

Chair Harrison stated Option 4 of staff's recommendation resulted from a discussion he had with Rich Haller which would pass through the actual cost from OCSD until January 1, 2021, but no other rates would change until January 1, 2021.

Committee Member Jones noted there is flexibility in the reserves – the actual total reserves balance is \$51.9 million (as of March 31, 2020) among nine (9) reserve account categories and the budgeted total reserves balance is \$43.6 million for FYE 2020. While there will be additional capital draws on those funds as noted by Karen Williams, the Rate Stabilization Reserve is available with a balance over \$1.0 million which could be used to defer a rate increase. Committee Member Jones encouraged reevaluating and updating the reserve account categories, citing as examples the Self-Insurance Reserve and OCSD Future Capacity Reserve. Option 2 of staff's recommendation would adopt rates based on the FY 20-21 budget effective January 1, 2021, the approximate impact of which would be \$290,000; the Rate Stabilization Reserve could fund that shortfall. Committee Member Jones proposed reevaluation of the reserve account categories, including the reserve policies and target amounts, occur between now and the end of the calendar year;

reconsideration by the PA 24 Committee and SAWPA Commission would occur before December 31, 2020.

Committee Member Jones proposed a modified motion to adopt the rates based on the FY 20-21 budget to be effective January 1, 2021 (Option 2), utilize the Rate Stabilization Reserve to fund any shortfall, direct staff to work with PA 24 Committee Members in reevaluating the reserve account categories and target amounts for consideration by the PA 24 Committee and SAWPA Commission before December 31, 2020, and prepare a Brine Line Asset Criticality Study. Vice Chair Dennstedt requested the reevaluation include the Member Agency General Managers; Committee Member Jones concurred and amended his motion. Committee Member Parker seconded the motion.

MOVED, recommend approval by the SAWPA Commission of Resolution No. 2020-06 establishing the new Inland Empire Brine Line rates with adoption of rates based on the FY 2020-2021 budget to be effective January 1, 2021, and utilize the Rate Stabilization Reserve Account to fund any shortfall; direct staff to work with PA 24 Committee Members and Member Agency General Managers in reevaluating the reserve account categories and targeted amounts for consideration by the PA 24 Committee and SAWPA Commission before December 31, 2020; and, direct staff to prepare a Brine Line Asset Criticality Study.

Result:	Adopted by Roll Call Vote (Unanimously)
Motion/Second:	Jones/Parker
Ayes	Dennstedt, Harrison, Jones, Parker
Nays:	None
Abstentions:	None
Absent:	None

B. BRINE LINE ORDINANCE REVISIONS RELEASE FOR PUBLIC REVIEW UPDATE (PA24#2020.9)

Lucas Gilbert provided a PowerPoint presentation contained in the agenda packet on pages 110 – 115. The Committee concurred staff would bring back any substantive changes; otherwise, staff would proceed as scheduled.

This item was for informational and discussion purposes; no action was taken on Agenda Item No. 5.B.

6. INFORMATIONAL REPORTS

Recommendation: Receive and file the following oral/written reports/updates.

A. BRINE LINE FINANCIAL REPORT – FEBRUARY 2020

7. REQUEST FOR FUTURE AGENDA ITEMS

There were no requests for future agenda items.

8. CLOSED SESSION

There was no closed session.

9. **ADJOURNMENT**

There being no further business for review, Chair Harrison adjourned the meeting at 10:55 a.m.

Approved at a Regular Meeting of the Project Agreement 24 Committee on June 2, 2020.

T. Milford Harrison, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board

PA 24 COMMITTEE MEMORANDUM NO. 2020.10

DATE: June 2, 2020

TO: Project Agreement 24 Committee
(Inland Empire Brine Line)

SUBJECT: Inland Empire Brine Line On-Call Service Contracts

PREPARED BY: Carlos Quintero, Operations Manager

RECOMMENDATION

That Project Agreement 24 Committee authorize the General Manager to issue a General Services Agreement and Task Order DOW 240-02 to Downstream Services in the amount of \$210,476.

DISCUSSION

On May 1, 2018, the SAWPA Commission approved the following on-call service contracts in support of Brine Line Operations. These contracts were awarded for a period of 2 years (through June 30, 2020) with an option to extend for 1 additional year (through June 30, 2021).

On- Call Service Contract	Service Provider	Contract Amount	Remaining Amount (As of 4/30/20)
<i>CCTV</i>	Houston & Harris	\$96,448	\$91,913.18
<i>Debris Hauling & Disposal</i>	HazMat Trans	\$34,800	\$19,320.00
<i>Pipeline Cleaning</i>	Innerline Engineering	\$151,020	\$79,139.25
<i>Line Draining & Emergency Clean-up Services</i>	HazMat Trans	\$96,665	\$93,950.99
<i>Flow Meter Calibration</i>	Douglas Environmental	\$25,960	\$0
<i>Land Surveying</i>	Calvada Surveying	\$28,970	\$27,470
<i>Sample Collection & Analysis</i>	E.S. Babcock Laboratories	\$86,454	\$47,147
<i>Sampling Support</i>	WMWD	\$75,000	\$23,339.90
<i>Brine Line Operations Support</i>	WMWD	\$25,000	\$15,072.90
<i>Brine Line Operations Support</i>	IEUA	\$10,000	\$10,000

The Task Orders for Houston and Harris (CCTV), HazMat Trans (Debris Hauling and Disposal, Line Draining and Emergency Services), Calvada Surveying (Land Surveying) would be extended through June 30, 2021 based on the remaining budget.

Work Orders will be issued to E.S. Babcock Laboratories (\$85,059), Douglas Environmental (\$25,960), WMWD Sampling Support (\$10,000), WMWD Operations Support (\$25,000), IEUA Operations Support (\$10,000).

The pipeline cleaning on-call service provider, Innerline Engineering, is no longer providing pipeline cleaning services. On April 7, 2020, the Project Agreement 24 (Brine Line) Committee, authorized the General Manager to issue a Request for Proposals (RFP) for line cleaning services. A total of 3 proposals were received on May 6, 2020.

A summary of the proposals received is listed below:

Service Provider	Line Cleaning	Traffic Control	Total
Stone Bear	\$167,500	\$20,600	\$188,100
Downstream Services	\$193,780	\$16,696	\$210,476
Houston and Harris	\$205,997	\$50,440	\$256,437

SAWPA staff reviewed the proposals and evaluated them based on Cost (60%) and Qualifications (40%). The following table summarizes the evaluation results:

Service Provider	Cost (60%)	Qualifications (40%)	Total
Stone Bear	60	20	80
Downstream Services	54	30	84
Houston and Harris	44	35	79

Service providers are paid on an hourly rate and based on the number of hours of work completed. The Scope of Work includes a total of 340 hours of pipeline cleaning, 340 hours of a water truck, 80 hours of CCTV in support of line cleaning operations, and traffic control (based on a half day and full day basis) support.

Stone Bear is a company that was recently incorporated as a line cleaning contractor. In order to observe their performance and assess the qualifications of their operators, Stone Bear was asked to provide services for 1 day. Unfortunately, they were unable to provide any services due to prior commitments. Both Downstream Services and Houston and Harris have provided line cleaning services for SAWPA in the past.

The recommendation is to provide a contract to Downstream Services, the second low bidder. Downstream Services has provided Brine Line pipeline cleaning services in the past.

The Task Order for Downstream Services will expire on June 30, 2022 and will have an option for an additional year (through June 30, 2023).

CRITICAL SUCCESS FACTORS

5. Protect and preserve the useful life of the Brine Line assets through strategic maintenance, repair, and capital improvement
8. Operate the Brine Line to: (1) protect the OCS D treatment plant and the environment from non-compliant dischargers, and (2) eliminate any uncontrolled pipe releases.

RESOURCE IMPACTS

Funds for the On-Call Service Contracts are budgeted in the Fund 240 – Brine Line Enterprise budget for FY20-21.

Attachments:

1. Power Point Presentation
2. General Services Agreement
3. Task Order DOW240-02

Inland Empire Brine Line On-Call Service Contracts

Carlos Quintero, Operations Manager
PA24 Committee | June 2, 2020
Item 5.A.

Recommendation

- That Project Agreement 24 Committee authorize the General Manager to issue a General Services Agreement and Task Order DOW 240-02 to Downstream Services in the amount of \$210,476.

Inland Empire Brine Line

— Brine Line Laterals

Brine Line

REACH

— IV

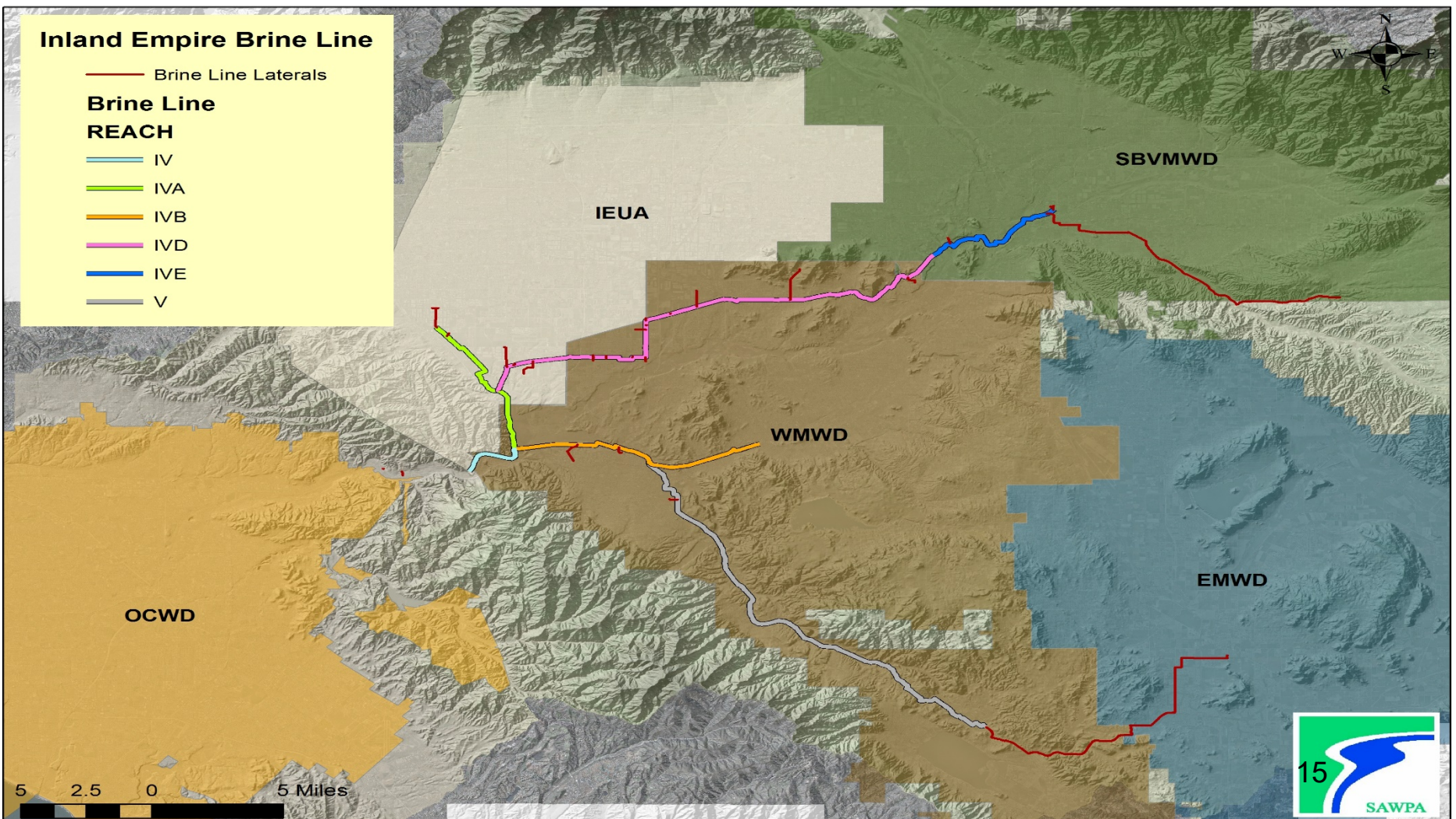
— IVA

— IVB

— IVD

— IVE

— V



On-Call Service Contracts

Approved by SAWPA Commission on 5/1/18

On- Call Service Contract	Service Provider	Contract Amount	Remaining Amount (As of 4/30/20)
CCTV	Houston & Harris	\$96,448	\$91,913.18
Debris Hauling & Disposal	HazMat Trans	\$34,800	\$19,320.00
Pipeline Cleaning	Innerline Engineering	\$151,020	\$79,139.25
Line Draining & Emergency Clean-up Services	HazMat Trans	\$96,665	\$93,950.99
Flow Meter Calibration	Douglas Environmental	\$25,960	\$0
Land Surveying	Calvada Surveying	\$28,970	\$27,470
Sample Collection & Analysis	E.S. Babcock Laboratories	\$86,454	\$47,147
Sampling Support	WMWD	\$75,000	\$23,339.90
Brine Line Operations Support	WMWD	\$25,000	\$15,072.90
Brine Line Operations Support	IEUA	\$10,000	\$10,000

Pipeline Cleaning

- Innerline stopped providing Line Cleaning Services
- RFP issued in April 2020
- Proposals Received on May 6, 2020:

Service Provider	Line Cleaning	Traffic Control	Total
Stone Bear	\$167,500	\$20,600	\$188,100
Downstream Services	\$193,780	\$16,696	\$210,476
Houston and Harris	\$205,997	\$50,440	\$256,437

Pipeline Cleaning Scope of Work

- All services are on-call and are paid on an hourly basis depending on work performed
- 340 hours of line cleaning equipment, operated
- 340 hours of water truck services
- 80 hours of CCTV in support of line cleaning
- Traffic control support

Proposal Review

Service Provider	Cost (60%)	Qualifications (40%)	TOTAL
Stone Bear	60	20	80
Downstream Services	54	30	84
Houston & Harris	44	35	79

Other Brine Line Service Contracts

Service Provider	Description	Amount
E.S. Babcock Laboratories	Water Quality Sampling/Analysis	\$85,059
WMWD	Water Quality Sampling Support	\$10,000
WMWD	Operations Support	\$25,000
IEUA	Operation Support	\$10,000

Annual Work Orders

Other Brine Line Service Contracts

Service Provider	Description	Amount
Houston and Harris	Line Inspection (CCTV)	\$91,913.18
Douglas Environmental	Flow Meter Calibration/Repair	\$25,960.00
HazMat Trans	Debris Hauling & Disposal	\$19,320.00
HazMat Trans	Line Draining & Emergency Response	\$93,950.99
Calvada Surveying	Land Surveying	\$27,470.00

Task Order Renewals through June 30, 2021

Recommendation

- That Project Agreement 24 Committee authorize the General Manager to issue a General Services Agreement and Task Order DOW 240-02 to Downstream Services in the amount of \$210,476.



Questions???



SANTA ANA WATERSHED PROJECT AUTHORITY
GENERAL SERVICES AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

This Agreement is made this **2nd day of June, 2020** by and between the Santa Ana Watershed Project Authority ("SAWPA") located at 11615 Sterling Avenue, Riverside, CA, 92503 and Downstream Services, Inc. ("Consultant") whose address is 2855 Progress Place, Escodido, CA 92029.

RECITALS

This Agreement is entered into on the basis of the following facts, understandings, and intentions of the parties to this Agreement:

- SAWPA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by SAWPA in writing;
- Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to SAWPA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services; and
- The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by SAWPA to Consultant pursuant to this Agreement.

AGREEMENT

Now, therefore, in consideration of the foregoing Recitals and mutual covenants contained herein, SAWPA and Consultant agree to the following:

ARTICLE I

TERM OF AGREEMENT

1.01 This agreement shall become effective on the date first above written and shall continue until **December 31, 2023**, unless extended or sooner terminated as provided for herein.

ARTICLE II

SERVICES TO BE PERFORMED

2.01 Consultant agrees to provide such professional consulting services as may be assigned, from time to time, in writing by the Commission and the General Manager of SAWPA. Each assignment shall be made in the form of a written Task Order. Each such Task Order shall include, but shall not be limited to, a description of the nature and scope of the services to be performed by Consultant, the amount of compensation to be paid, and the expected time of completion.

2.02 Consultant may at Consultant's sole cost and expense, employ such competent and qualified independent professional associates, subcontractors, and consultants as Consultant deems necessary to perform each assignment; provided that Consultant shall not subcontract any work to be performed without the prior written consent of SAWPA.

ARTICLE III

COMPENSATION

3.01 In consideration for the services to be performed by Consultant, SAWPA agrees to pay Consultant as provided for in each Task Order.

3.02 Each Task Order shall specify a total not-to-exceed sum of money and shall be based upon the regular hourly rates customarily charged by Consultant to its clients.

3.03 Consultant shall not be compensated for any services rendered nor reimbursed for any expenses incurred in excess of those authorized in any Task Order unless approved in advance by the Commission and General Manager of SAWPA, in writing.

3.04 Unless otherwise provided for in any Task Order issued pursuant to this Agreement, payment of compensation earned shall be made in monthly installments after receipt from Consultant of a timely, detailed, corrected, written invoice by SAWPA's Project Manager, describing, without limitation, the services performed, when such services were performed, the time spent performing such services, the hourly rate charged therefore, and the identity of individuals performing such services for the benefit of SAWPA. Such invoices shall also include a detailed itemization of expenses incurred. Upon approval by an authorized SAWPA employee, SAWPA will pay within 30 days after receipt of a valid invoice from Consultant.

ARTICLE IV

CONSULTANT OBLIGATIONS

4.01 Consultant agrees to perform all assigned services in accordance with the terms and conditions of this Agreement including those specified in each Task Order. In performing the services required by this Agreement and any related Task Order Consultant shall comply with all local, state and federal laws, rules and regulations. Consultant shall also obtain and pay for any permits required for the services it performs under this Agreement and any related Task Order.

4.02 Except as otherwise provided for in each Task Order, Consultant will supply all personnel and equipment required to perform the assigned services.

4.03 Consultant shall be solely responsible for the health and safety of its employees, agents and subcontractors in performing the services assigned by SAWPA.

4.04 Insurance Coverage: Consultant shall procure and maintain for the duration of this Agreement insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Consultant, its agents, representatives, employees or sub-contractors.

4.04(a) Coverage - Coverage shall be at least as broad as the following:

- 1. Commercial General Liability (CGL)** - Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to SAWPA) or the general aggregate limit shall be twice the required occurrence limit.
- 2. Automobile Liability** – (if necessary) Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Consultant has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.
- 3. Workers' Compensation Insurance** - as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
- 4. Professional Liability** - (Also known as Errors & Omission) Insurance appropriate to the Consultant profession, with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.
- 5. Cyber Liability Insurance (Technology Professional Liability – Errors and Omissions)** – If Consultant will be providing technology services, limits not less than \$2,000,000 per occurrence or claim, and \$2,000,000 aggregate or the full per occurrence limits of the policies available, whichever is greater. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by Consultant in this Agreement and shall include, but not be limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress,

invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion and network security. The policy shall provide coverage for breach response costs as well as regulatory fines and penalties as well as credit monitoring expenses with limits sufficient to respond to these obligations.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, SAWPA requires and shall be entitled to the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to SAWPA.

4.04(b) If Claims Made Policies:

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work.**
3. If coverage is canceled or non-renewed, and not **replaced with another claims-made policy form with a Retroactive Date** prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of **five (5) years** after completion of contract work.

4.04(c) Waiver of Subrogation: The insurer(s) named above agree to waive all rights of subrogation against SAWPA, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Agency; but this provision applies regardless of whether or not SAWPA has received a waiver of subrogation from the insurer.

4.04(d) Other Required Provisions - The general liability policy must contain, or be endorsed to contain, the following provisions:

1. **Additional Insured Status:** SAWPA, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.
2. **Primary Coverage:** For any claims related to this project, the Consultant's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to SAWPA, its directors, officers, employees and authorized volunteers. Any insurance or self-insurance maintained by the Member Water Agency its directors, officers, employees and authorized volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

4.04(e) Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to SAWPA.

4.04(f) Self-Insured Retentions - Self-insured retentions must be declared to and approved by SAWPA. SAWPA may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or SAWPA.

4.04(g) Acceptability of Insurers - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A: VII or as otherwise approved by SAWPA.

4.04(h) Verification of Coverage – Consultant shall furnish SAWPA with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by SAWPA before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. SAWPA reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration pages and Endorsement pages.

4.04(i) Subcontractors - Consultant shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that SAWPA, its directors, officers, employees and authorized volunteers are additional insureds on Commercial General Liability Coverage.

4.05 Consultant hereby covenants and agrees that SAWPA, its officers, employees, and agents shall not be liable for any claims, liabilities, penalties, fines or any damage to property, whether real or personal, nor for any personal injury or death caused by, or resulting from, or claimed to have been caused by or resulting from, any negligence, recklessness, or willful misconduct of Consultant. To the extent permitted by law, Consultant shall hold harmless, defend at its own expense, and indemnify SAWPA, its directors, officers, employees, and authorized volunteers, against any and all liability, claims, losses, damages, or expenses, including reasonable attorney's fees and costs, arising from all acts or omissions of Consultant or its officers, agents, or employees in rendering services under this Agreement and any Task Order issued hereunder; excluding, however, such liability, claims, losses, damages or expenses arising from SAWPA's sole negligence or willful acts.

4.06 In the event that SAWPA requests that specific employees or agents of Consultant supervise or otherwise perform the services specified in each Task Order, Consultant shall ensure that such individual(s) shall be appointed and assigned the responsibility of performing the services.

4.07 In the event Consultant is required to prepare plans, drawings, specifications and/or estimates, the same shall be furnished with a registered professional engineer's number and shall conform to local, state and federal laws, rules and regulations. Consultant shall obtain all necessary permits and approvals in connection with this Agreement, any Task Order or Change Order. However, in the event SAWPA is required to obtain such an approval or permit from another governmental entity, Consultant shall provide all necessary supporting documents to be filed with such entity, and shall facilitate the acquisition of such approval or permit.

4.08 Consultant shall comply with all local, state and federal laws, rules and regulations including those regarding nondiscrimination and the payment of prevailing wages, if required by law.

ARTICLE V

SAWPA OBLIGATIONS

5.01 SAWPA shall:

5.01a Furnish all existing studies, reports and other available data pertinent to each Task Order that are in SAWPA's possession;

5.01b Designate a person to act as liaison between Consultant and the General Manager and Commission of SAWPA.

ARTICLE VI

ADDITIONAL SERVICES, CHANGES AND DELETIONS

6.01 During the term of this Agreement, the Commission of SAWPA may, from time to time and without affecting the validity of this Agreement or any Task Order issued pursuant thereto, order changes, deletions, and additional services by the issuance of written Change Orders authorized and approved by the Commission of SAWPA.

6.02 In the event Consultant performs additional or different services than those described in any Task Order or authorized Change Order without the prior written approval of the Commission of SAWPA, Consultant shall not be compensated for such services.

6.03 Consultant shall promptly advise SAWPA as soon as reasonably practicable upon gaining knowledge of a condition, event, or accumulation of events, which may affect the scope and/or cost of services to be provided pursuant to this Agreement. All proposed changes, modifications, deletions, and/or requests for additional services shall be reduced to writing for review and approval or rejection by the Commission of SAWPA.

6.04 In the event that SAWPA orders services deleted or reduced, compensation shall be deleted or reduced by a comparable amount as determined by SAWPA and Consultant shall only be compensated for services actually performed. In the event additional services are properly authorized, payment for the same shall be made as provided in Article III above.

ARTICLE VII

CONSTRUCTION PROJECTS: CONSULTANT CHANGE ORDERS

7.01 In the event SAWPA authorizes Consultant to perform construction management services for SAWPA, Consultant may determine, in the course of providing such services, that a Change Order should be issued to the construction contractor, or Consultant may receive a request for a Change Order from the construction contractor. Consultant shall, upon receipt of any requested Change Order or upon gaining knowledge of any condition, event, or accumulation of events, which may necessitate issuing a Change Order to the construction contractor, promptly consult with the liaison, General Manager and Commission of SAWPA. No Change Order shall be issued or executed without the prior approval of the Commission of SAWPA.

ARTICLE VIII

TERMINATION OF AGREEMENT

8.01 In the event the time specified for completion of an assigned task in a Task Order exceeds the term of this Agreement, the term of this Agreement shall be automatically extended for such additional time as is necessary to complete such Task Order and thereupon this Agreement shall automatically terminate without further notice.

8.02 Notwithstanding any other provision of this Agreement, SAWPA, at its sole option, may terminate this Agreement at any time by giving 10 day written notice to Consultant, whether or not a Task Order has been issued to Consultant.

8.03 In the event of termination, the payment of monies due Consultant for work performed prior to the effective date of such termination shall be paid after receipt of an invoice as provided in this Agreement.

ARTICLE IX

CONSULTANT STATUS

9.01 Consultant shall perform the services assigned by SAWPA in Consultant's own way as an independent contractor, in pursuit of Consultant's independent calling and not as an employee of SAWPA. Consultant shall be under the control of SAWPA only as to the result to be accomplished and the personnel assigned to perform services. However, Consultant shall regularly confer with SAWPA's liaison, General Manager, and Commission as provided for in this Agreement.

9.02 Consultant hereby specifically represents and warrants to SAWPA that the services to be rendered pursuant to this Agreement shall be performed in accordance with the standards customarily applicable to an experienced and competent professional consulting organization rendering the same or similar services. Furthermore, Consultant represents and warrants that the individual signing this Agreement on behalf of Consultant has the full authority to bind Consultant to this Agreement.

ARTICLE X

AUDIT AND OWNERSHIP OF DOCUMENTS

10.01 All draft and final reports, plans, drawings, specifications, data, notes, and all other documents of any kind or nature prepared or developed by Consultant in connection with the performance of services assigned to it by SAWPA are the sole property of SAWPA, and Consultant shall promptly deliver all such materials to SAWPA. Consultant may retain copies of the original documents, at its option and expense. Use of such documents by SAWPA for project(s) not the subject of this Agreement shall be at SAWPA's sole risk without legal liability or exposure to Consultant. SAWPA agrees to not release any software "code" without prior written approval from the Consultant.

10.02 Consultant shall retain and maintain, for a period not less than four years following termination of this Agreement, all time records, accounting records, and vouchers and all other records with respect to all matters concerning services performed, compensation paid and expenses reimbursed. At any time during normal business hours and as often as SAWPA may deem necessary, Consultant shall make available to SAWPA's agents for examination of all such records and will permit SAWPA's agents to audit, examine and reproduce such records.

ARTICLE XI

MISCELLANEOUS PROVISIONS

11.01 This Agreement supersedes any and all previous agreements, either oral or written, between the parties hereto with respect to the rendering of services by Consultant for SAWPA and contains all of the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Any modification of this Agreement will be effective only if it is in writing signed by both parties.

11.02 Consultant shall not assign or otherwise transfer any rights or interest in this Agreement without the prior written consent of SAWPA. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

11.03 In the event Consultant is an individual person and dies prior to completion of this Agreement or any Task Order issued hereunder, any monies earned that may be due Consultant from SAWPA as of the date of death will be paid to Consultant's estate.

11.04 Time is of the essence in the performance of services required hereunder. Extensions of time within which to perform services may be granted by SAWPA if requested by Consultant and agreed to in writing by SAWPA. All such requests must be documented and substantiated and will only be granted as the result of unforeseeable and unavoidable delays not caused by the lack of foresight on the part of Consultant.

11.05 SAWPA expects that Consultant will devote its full energies, interest, abilities and productive time to the performance of its duties and obligations under this Agreement, and shall not engage in any other consulting activity that would interfere with the performance of Consultant's duties under this Agreement or create any conflicts of interest. If required by law, Consultant shall file a Conflict of Interest Statement with SAWPA.

11.06 Any dispute which may arise by and between SAWPA and the Consultant, including the Consultants, its employees, agents and subcontractors, shall be submitted to binding arbitration. Arbitration shall be conducted by a neutral, impartial arbitration service that the parties mutually agree upon, in accordance with its rules and procedures. The arbitrator must decide each and every dispute in accordance with the laws of the State of California, and all other applicable laws. Unless the parties stipulate to the contrary prior to the appointment of the arbitrator, all disputes shall first be submitted to non-binding mediation conducted by a neutral, impartial mediation service that the parties mutually agree upon, in accordance with its rules and procedures.

11.07 During the performance of the Agreement, Consultant and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status and denial of family care leave. Consultant and its subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant and its subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12290 et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 et seq., set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Consultant and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. Consultant shall include the



**SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. DOW240-02**

CONSULTANT: Downstream Services, Inc. **VENDOR NO.:** 1821
2855 Progress Place
Escondido, CA 92029

COST: **\$210,476.00**

PAYMENT: Upon Proper Invoice

REQUESTED BY: Carlos Quintero, Operations Manager June 2, 2020

FINANCE: _____
Karen Williams, CFO/Deputy GM Date

FINANCING SOURCE: Acct. Coding 240-00-60159
Acct. Description Facility Repair and Maintenance

COMMISSION AUTHORIZATION REQUIRED FOR THIS TASK ORDER: YES (X) NO ()
Authorization: June 2, 2020; PA24#2020.10

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and Downstream Services, Inc. (Consultant) pursuant to the Agreement for Services between SAWPA and Consultant, entered into on June 2, 2020, expiring December 31, 2023.

I. PROJECT NAME OR DESCRIPTION
Brine Line Pipeline Cleaning Services

II. SCOPE OF WORK / TASKS TO BE PERFORMED
Consultant shall provide all labor, materials, and equipment for the services to provide pipeline cleaning services per the attached Cost Proposal Form (Attachment A).

Please also refer to Appendix X for acceptable formats, also found at www.sawpa.org/html/e_req.htm

III. PERFORMANCE TIME FRAME
Consultant shall begin work July 1, 2020 and shall complete performance of such services by **June 30, 2022.**

IV. SAWPA LIAISON
Carlos Quintero shall serve as liaison between SAWPA and Consultant

V. COMPENSATION
For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$210,476.00**. Payment for such services shall be made monthly upon receipt of timely and proper invoices from Consultant, as required by the above-mentioned Agreement. Each such invoice shall be provided to SAWPA by Consultant within 15 days after the end of the month in which the services were performed.

**ATTACHMENT A
COST PROPOSAL FORM**

Due Date and Time for Proposal Submittal: May 6, 2020 at 2:00 p.m. Any omissions, additions, substitutions, conditions or alternates in Offeror's proposal will be considered irregularities and may be cause for rejection of the Offeror's proposal, no matter how insignificant or immaterial such irregularity may be. Proposals must be completed in ink, indelible pencil or by typewriter. Erasures or "strike-outs" must be initialed by the Service Provider.

The undersigned does hereby propose to provide services in accordance with all provisions of the Request for Proposals including, but not limited, to the Scope of Work, Exhibits, and references for the following price. The Offeror may elect to provide bids for any of the tasks presented below; OWNER shall consider awarding specific tasks to one or more Offerors. All envelopes shall be clearly marked with the Specification number and envelope content. Submit total Contract amount not to exceed, as follows:

DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1. Pipe Cleaning Services				
a. Furnish all labor, materials, cleaning equipment and incidentals necessary to clean 24-, 36-, 39-, 42- and 48-inch pipelines, laterals, and siphons.	160	Hour	\$ 354.00	\$ 56,640.00
b. Furnish all labor, materials, cleaning equipment and incidentals necessary to clean 16-, 18-, 20-, 24-, 36-, 39-, 42-, and 48-inch pipeline, as requested by OWNER within a 2-hour response timeline.	20	Hour	\$ 354.00	\$ 7,080.00
c. Furnish all labor, materials, cleaning equipment and incidentals necessary to clean 16-, 18-, and 20-inch pipelines (PVC, Ductile Iron, and HDPE).	160	Hour	\$ 256.00	\$ 40,960.00
d. Water Truck with operator (minimum capacity 2,000 gallons).	340	Hour	\$ 175.00	\$ 59,500.00
e. CCTV in support of line cleaning operations.	80	Hour	\$ 370.00	\$ 29,600.00
Total for Pipe Cleaning Services				\$ 193,780.00

2. Traffic Control				
a. Furnish Traffic Control Plans as required by the appropriate permitting agency. (i.e. Caltrans, City of Chino, Riverside County, City of Corona.)				
a. Traffic Control for locations with light traffic (including cones, light board, signs, barriers, markers, no lane closure); 4 hours total	4	Each	\$ 195.00	\$ 780.00
b. Traffic Control for locations with heavy traffic (including cones, light board, signs, 2 flagmen, barriers, markers, lane closure); 4 hours total	4	Each	\$ 664.00	\$ 2,656.00
c. Traffic Control for locations with light traffic (including cones, light board, signs, barriers, markers, no lane closure); 8 hours total	20	Each	\$ 390.00	\$ 7,800.00
d. Traffic Control for locations with heavy traffic (including cones, light board, signs, 2 flagmen, barriers, markers, lane closure); 8 hours total	4	Each	\$ 1,320.00	\$ 5,280.00
e. Obtain Caltrans Encroachment Permit. (Permit fees will be reimbursed by SAWPA based on actual costs.)	2	Each*	\$ 90.00	\$ 180.00
Total for Traffic Control				\$ 16,696.00
GRAND TOTAL				\$ 210,476.00

*Permit is valid for up to 1 year.

Appendix X. Electronic Deliverables

X.1 PRODUCTS

All products that are identified as deliverables under this Contract/Task Order/Work Order (including, but not limited to documents, data analyses, databases, maps, graphics, images, design drawings, and Geographic Information System [GIS] data) will be provided to SAWPA in electronic format in accordance with the project delivery schedule.

Unless specified elsewhere in the Contract/Task Order/Work Order, SAWPA will have no license restrictions, and may use the electronic files/data for purposes it deems appropriate.

X.2 FORMATS

All deliveries will be provided in native (editable) formats. Additional non-native formats (e.g., Adobe Acrobat) will also be provided as described below.

SAWPA's standard data file formats are:

- Documents (including Desktop Publishing)
 - Microsoft Word 2000/XP or later
- Tables/Spreadsheets
 - Microsoft Excel 2000/XP or later
- Presentations
 - Microsoft PowerPoint 2000/XP or later
- Databases
 - Microsoft Access 2000/XP or later
 - Microsoft SQL Server 2000 or later
- Project Schedules
 - Microsoft Project 2000 or later
- Computer Aided Drafting (CAD) - Design Drawings, etc.
 - AutoDesk AutoCAD 2002 or later
- Graphics/Images
 - Adobe Illustrator 10 or later
 - Adobe Photoshop 7 or later
 - Microsoft Visio 2000 or later (less preferred)
 - Microsoft Photodraw 2 or later (less preferred)
 - Standard JPG format
 - TIF 4 format
- Web Information
 - HTML
 - Adobe Acrobat 5.0 or later Portable Document Format (PDF)
- GIS Data
 - ArcGIS 8.2 Coverages/Export Files
 - ArcView 3.2x Shapefiles
 - Data in ODBC-compatible format, preferably one of the following
 - Microsoft Access (for relational data)
 - Microsoft SQL Server (for more complex relational data)
 - dBase DBF format (for flat file data)
 - ASCII (flat file data)
 - GIS Applications to be fully compatible with ArcGIS 8.2 or later
 - See Section X.3 for specifications
- Field mapping (GPS data)
 - Mapping formats to be one of the following
 - Trimble Pathfinder-compatible files
 - GIS format files listed above
- Analytical Data Formats
 - Standard Electronic Data Deliverable (EDD) formats as used by certified laboratories

- Applications
 - Specifications to any applications (specialized software, scripts, code, Plug-Ins, etc.) required as part of the Contract/Task Order/Work Order will be detailed in the body of Statement of Work.

X.3 SPECIFICATIONS (GIS AND RELATED DATA)

In general, data provided to SAWPA for use in SAWPA's GIS will be fully compatible with SAWPA's GIS. Therefore, the following specifications will be followed:

- All data will be provided in Universal Transverse Mercator (UTM), Zone 11 meters, North American Datum (NAD) of 1927
- All vector data will be provided in ESRI Coverage (Export) or shapefile format
- All Grid Data will be provided in ESRI GRID, ESRI TIN, or US Geological Survey DEM format
- All image data (e.g., satellite imagery/aerial photos) will be provided in formats that are fully compatible with ESRI ArcGIS 8.2 at no cost for plug-ins, Extensions, or other software tools
- All database information tied to the GIS will be fully compatible/functional with SAWPA's GIS with no additional software requirements
- All data will have sufficient metadata to identify as a minimum
 - Data description
 - Data sources
 - Data creator
 - Data creation date
 - Data accuracy.
- Metadata formats will be in ESRI Catalog format, based on accepted metadata standards (e.g., the Federal Geographic Data Committee, the CADD/GIS Technology Center's Spatial Data Standards, or other recognized standards format). Documents associated with metadata will identify the format/standards being used.

X.4 DELIVERY OF ELECTRONIC FILES

For each delivery specified, and for each version specified (e.g., Draft and Final Reports; 35%, 60%, 90%, 100%, and As-Built Design Drawings), the Consultant will provide electronic copies of the files in addition to any specified hard copies on the same schedule, unless otherwise specified in the schedule of deliverables. Delivery of electronic files does not substitute for required delivery of hard copies, unless approved in writing by SAWPA's Project Manager.

Review Files. In addition to native file format deliveries, Contractor will provide ALL report, map, graphic, and drawing deliverables in Adobe Acrobat PDF files. The PDF files will faithfully represent the completed hard copy document in terms of color pages, page sizes, etc. These files will be fully integrated files in proper page order, with graphics, tables, attachments, etc. inserted in their proper location in the document (or connected using the Link function). PDF files exceeding 10 pages in length will use internal hyperlinks (in Table of Contents) and/or use Acrobat's Bookmark features to enable easy navigation throughout the file. PDF files will be ready for posting to SAWPA's web site (if deemed appropriate) or distributed for review as part of a technical/peer/management review process.

Media. Delivery method for formal contract deliverables will be specified and approved by SAWPA's Project Manager, but will be one of the following (in general order of preference):

- CD-ROM (for deliverables 1-600 megabytes [MB])
- DVD-ROM (for deliverables exceeding 600 MB)
- Via email to SAWPA's Project Manager (for deliverables less than 15 MB, or time critical)
- 1.44 MB Floppy Diskette (for deliverables less than 1.44 MB)
- USB-2 Portable Hard Drive
- Posted to Consultant's FTP or Web Site
- Zip Disk

X.5 EXCEPTIONS

Exceptions to these formats may be allowed in some cases. All exceptions will be approved within the body of the Contract/Task Order/Work Order or in writing by the Project Manager AND the Information Systems/Data Management Manager.

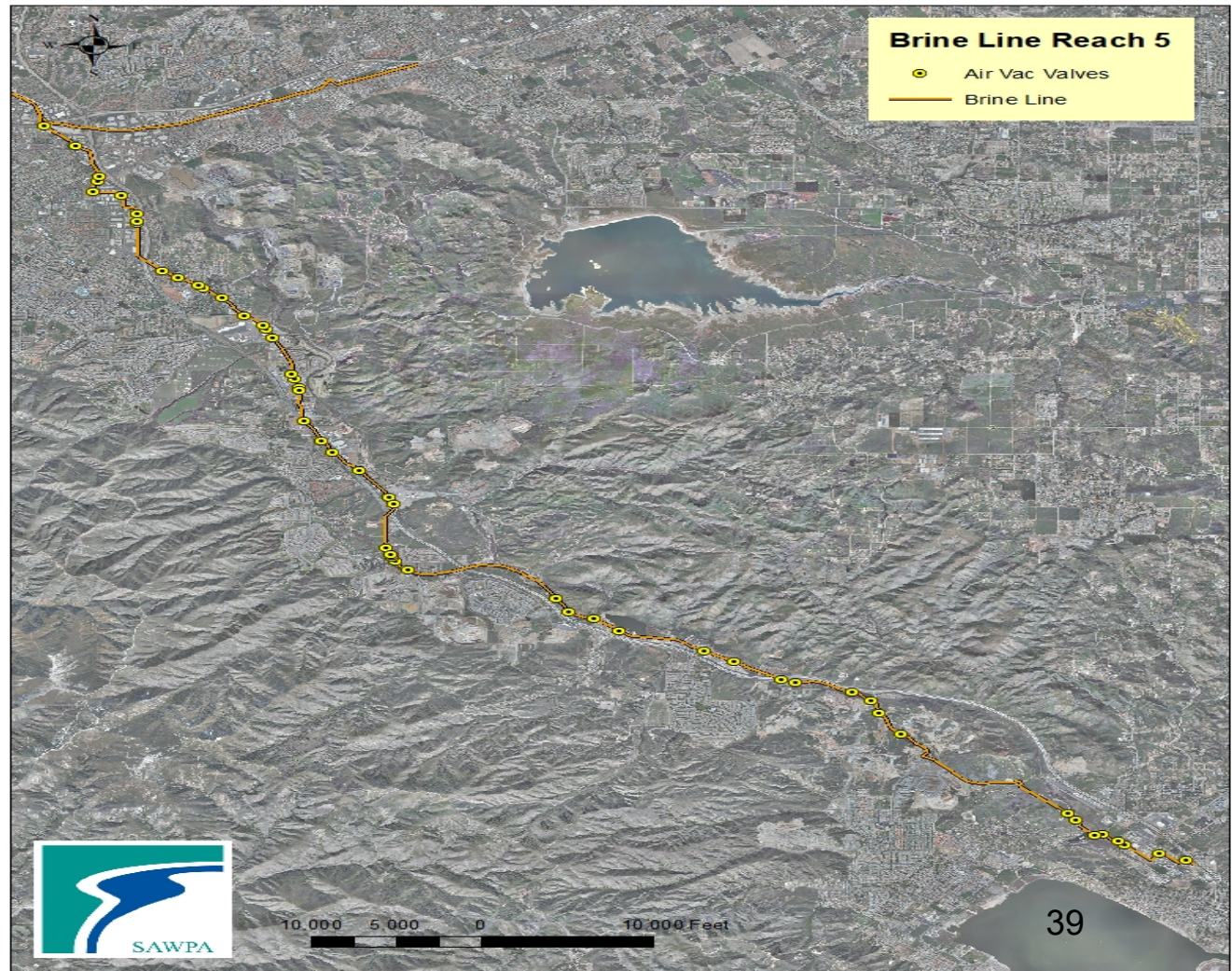
Inland Empire Brine Line Air Release and Vacuum Valve Program

Carlos Quintero, Operations Manager
PA24 Committee | June 2, 2020
Item 5.B.

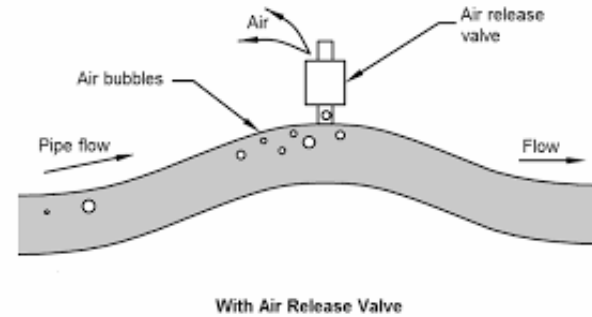
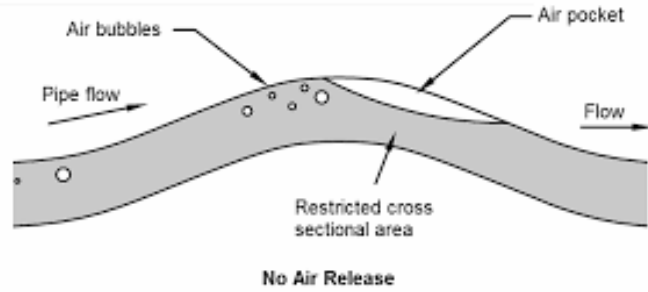
Recommendation

- Receive and file

Brine Line Reach 5 Air Release and Vacuum Valves

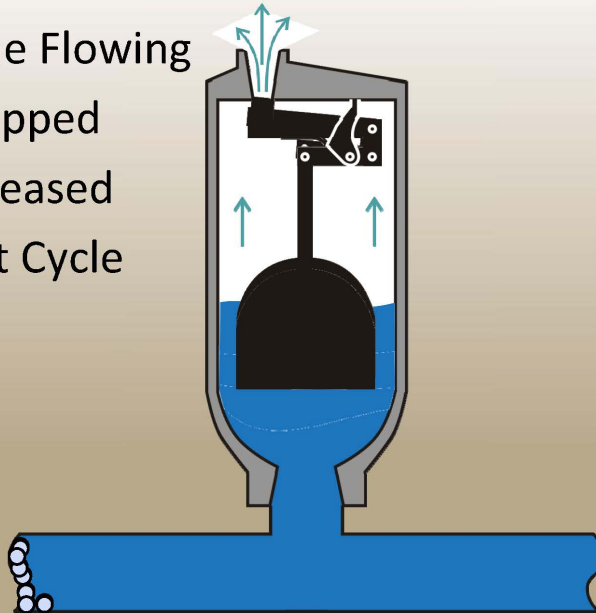


Purpose



Air Release Valve Operation

- Pipeline Flowing
- Air Trapped
- Air Released
- Repeat Cycle

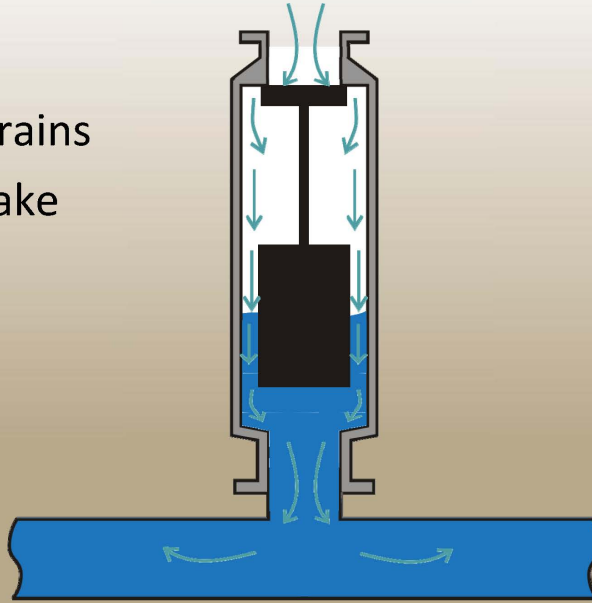


Source: Ohio Water Environment Association

<http://www.ohioewa.org/docs/m15%20-%20Air%20Valve%20Basic%20Training%2005-03-2010a.pdf>

Air / Vacuum Valve Operation

- Pipe Drains
- Air Intake



Source: Ohio Water Environment Association

<http://www.ohioewa.org/docs/1115%20-%20Air%20Valve%20Basic%20Training%202005-03-2010a.pdf>

Above Ground AV With Spill Containment



Below Ground AV



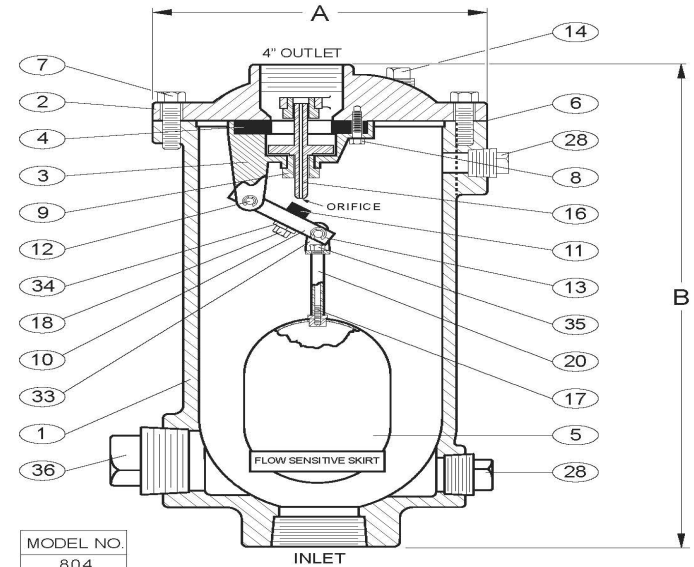
Air Vac Corrosion Issues



- Prevents proper functioning
- Prevents proper sealing
- Can lead to SSOs

09/18/2013 15:19

Valmatic VM-804



	MODEL NO.
	804
A	11"
B	23 1/2"
ORIFICE SIZE	11/64"
INLET	4" NPT
OUTLET	4" NPT

WORKING PRESSURE
150 P.S.I. COLD WORKING PRESSURE-C.W.P.
TEST PRESSURE
1.5 TIMES COLD WORKING PRESSURE-C.W.P.

- | | | |
|--------------------|--------------------|--------------------------|
| 1. BODY | 9. BUSHING | 18. LOCK NUT |
| 2. COVER | 10. FLOAT ARM | 20. GUIDE SHAFT |
| 3. BAFFLE | 11. ORIFICE BUTTON | 28. PIPE PLUG |
| 4. SEAT | 12. PIVOT PIN | 38. CLEVIS |
| 5. FLOAT | 13. RETAINING RING | 34. LOCK WASHER |
| 6. GASKET | 14. PIPE PLUG | 35. GUIDE SHAFT RETAINER |
| 7. COVER BOLT | 16. PLUG | 36. PIPE PLUG |
| 8. RETAINING SCREW | 17. FLOAT RETAINER | |

SEE DRAWING NO. VM-801A-M FOR STANDARD MATERIALS OF CONSTRUCTION.

Revised 12-19-07

WASTEWATER COMBINATION AIR VALVE

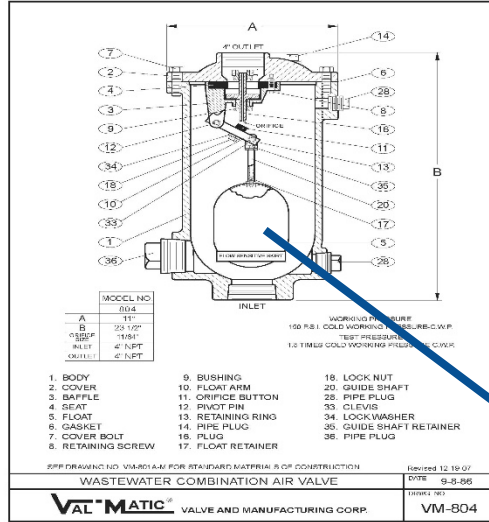
DATE 9-8-86

VALMATIC[®] VALVE AND MANUFACTURING CORP.

DRWG. NO. 45 VM-804



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05/05/2020 09:23



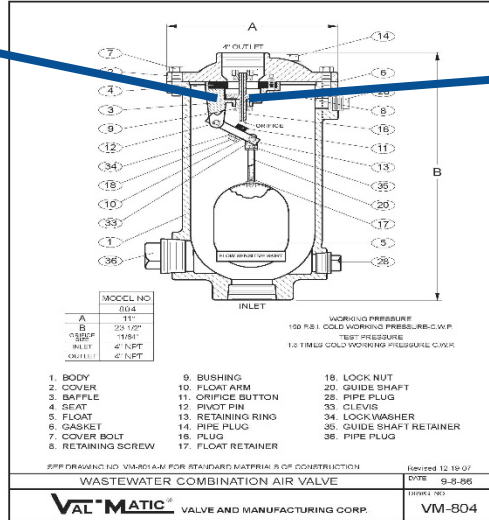
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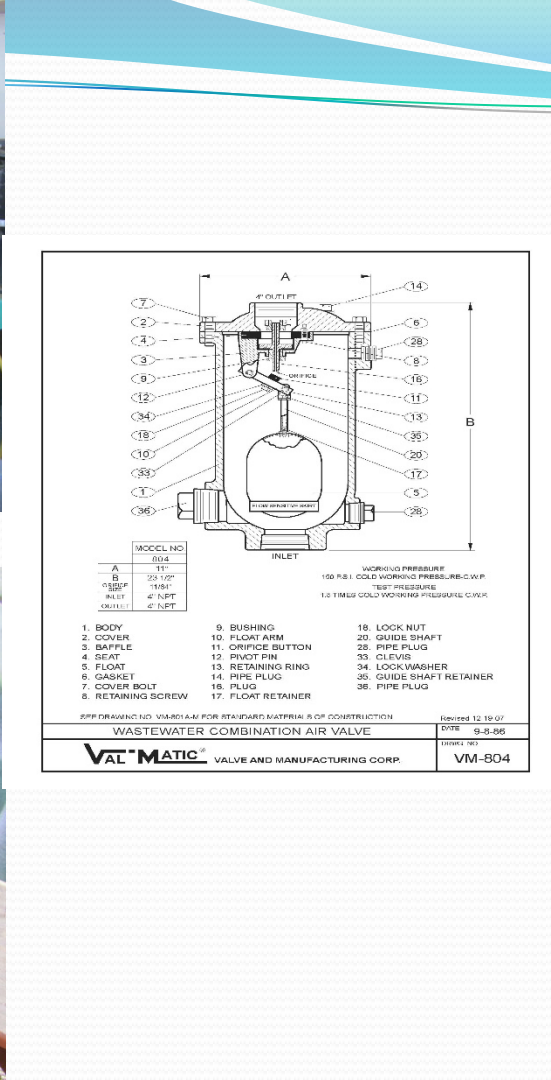
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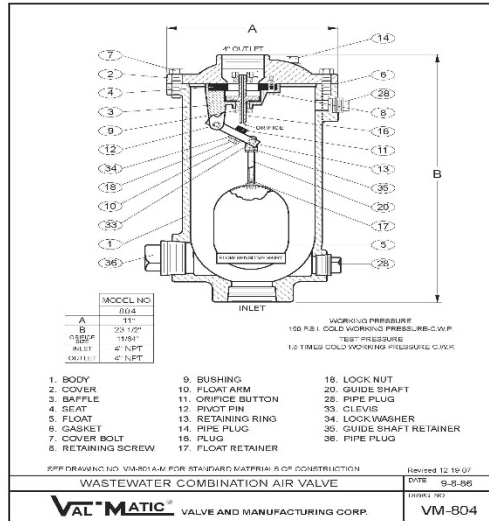




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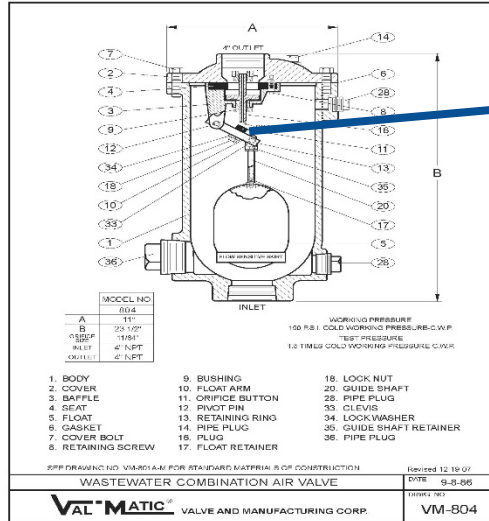
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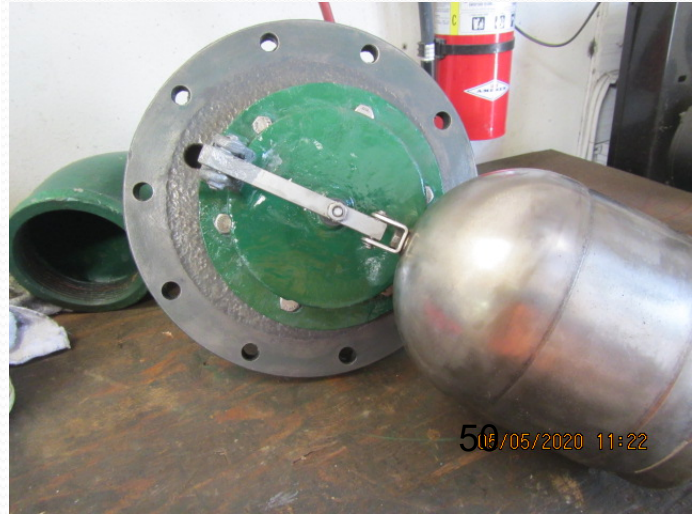
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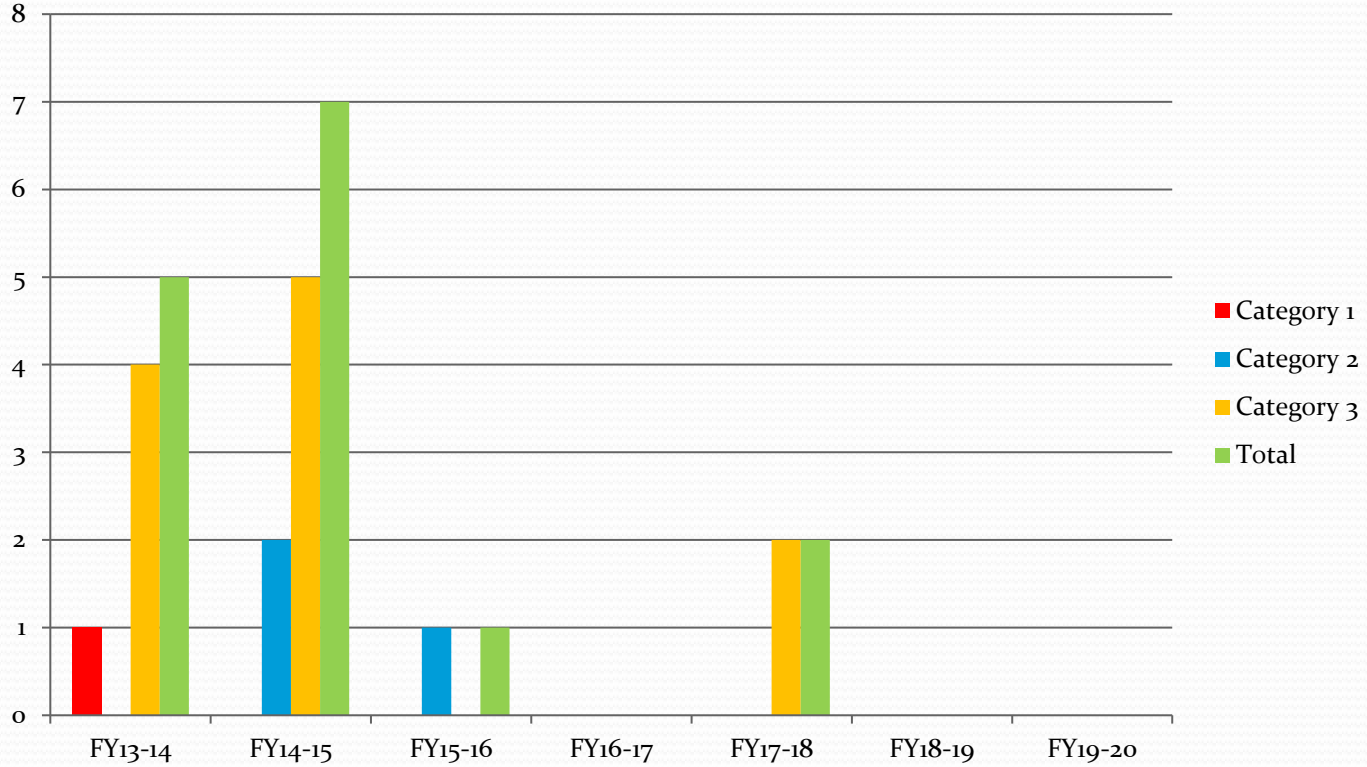
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SSO by Category



Recommendation

- Receive and file



Questions???

PA 24 COMMITTEE MEMORANDUM NO. 2020.12

DATE: June 2, 2020

TO: Project Agreement 24 Committee
(Inland Empire Brine Line)

SUBJECT: Alcoa Dike | Lower Reach IV-B and CRC Lateral Utility Protection Project

PREPARED BY: David Ruhl, Engineering Manager

RECOMMENDATION

That the Project Agreement 24 Committee directed the General Manager to:

1. File a Notice of Exemption for the Inland Empire Brine Line Lower Reach IV-B and CRC Lateral Utility Protection Project with the Riverside County Clerk's Office; and
2. Issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Inland Empire Brine Line Lower Reach IV-B and CRC Lateral Utility Protection Project.

DISCUSSION

As part of the U.S. Army Corps of Engineers (Corps) Santa Ana River Mainstem Project to increase the flood control storage behind Prado Dam there are several dikes and levees being constructed to protect existing infrastructure. The Alcoa Dike is being constructed to protect developments and private property in the area. The Alcoa Dike is located in the City of Corona east of the Corona Airport. The alignment of the Dike crosses the Brine Line at two locations, along Butterfield Drive which impacts Lower Reach IVB and Auburndale Street which impacts the CRC Lateral.

SAWPA hired Stantec Consulting to evaluate the potential effects the Dike may have on the Brine at these two locations and prepare plans and specifications for the protection of the Brine Line. Due to the load of the proposed Dike and the potential for settlement up to 6.5 inches, it was determined that about 480 feet of the Brine Line needs to be replaced and protected on Reach IVB and about 100 feet of the CRC Lateral needs to be replaced and protected. SAWPA staff has reviewed the plans and specifications and have provided comments to Stantec. A final set of plans and specifications is anticipated on June 15, 2020.

Construction Cost Estimate

The estimate of construction cost for the relocation and protection of Lower Reach IVB is \$673,650 and \$215,600 for the protection of the CRC Lateral. The total construction cost estimate is \$889,250.

Schedule and Timing of Work

The Corps commenced construction of the Alcoa Dike, Phase 1 in late 2018. Phase I includes most of the dike alignment other than those portions that have the potential to impact utilities. The portion of the Dike that crosses Butterfield and Auburndale and impacts the Brine Line will be included in Phase 2, which is anticipated to be awarded in January 2021. The Brine Line protective measures need to be completed prior to construction of Phase 2. The following schedule of critical activities shows completion of construction prior to the Corps' award of the Alcoa Dike Phase 2 Construction.

Schedule of Critical Activities	
CEQA Notice of Exemption	June 2, 2020
PA24 Approval – Notice Inviting Bids	June 2, 2020
Final Plans and Specifications	June 15, 2020
Issue Notice Inviting Bids	June 16, 2020
PA 24 Approval – Award Construction Contract	August 4, 2020
Construction	September – December 2020

CEQA

The project is located along existing City streets, within U.S. Corp property within a disturbed and impacted construction area due to the on-going Alcoa Dike Phase 1 Construction Project. No significant environmental impacts are anticipated. Additionally, all work will be along the same Brine Line alignment within SAWPA's existing easement with the Corps. This project is categorically exempt from CEQA because it involves minor repair or maintenance of an existing sewerage facility and because it involves replacement or reconstruction of an existing utility system involving negligible or no expansion of capacity (14 CCR, Section 15301b and 15302c).

RESOURCE IMPACTS

Funds are available in FY 21 Budget, Fund 320-03 to cover the construction and construction management costs.

Attachments:

1. PowerPoint Presentation
2. Notice of Exemption

Alcoa Dike – Lower Reach IVB and CRC Lateral Protection Project

David Ruhl, Engineering Manager

Project Agreement 24 Committee | June 2, 2020

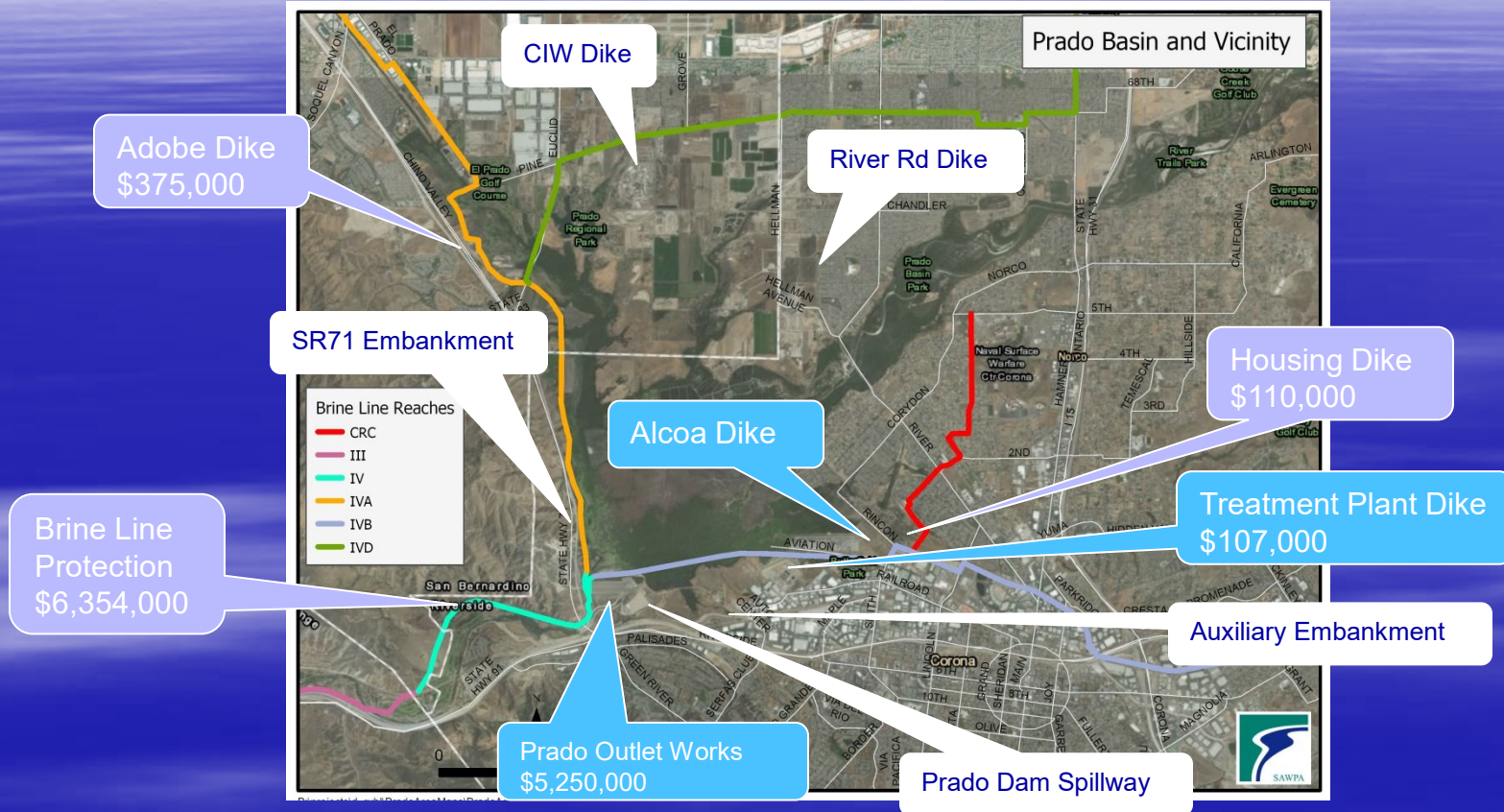
Item No. 5.C.

Lower Reach IVB and CRC Lateral Protection Project

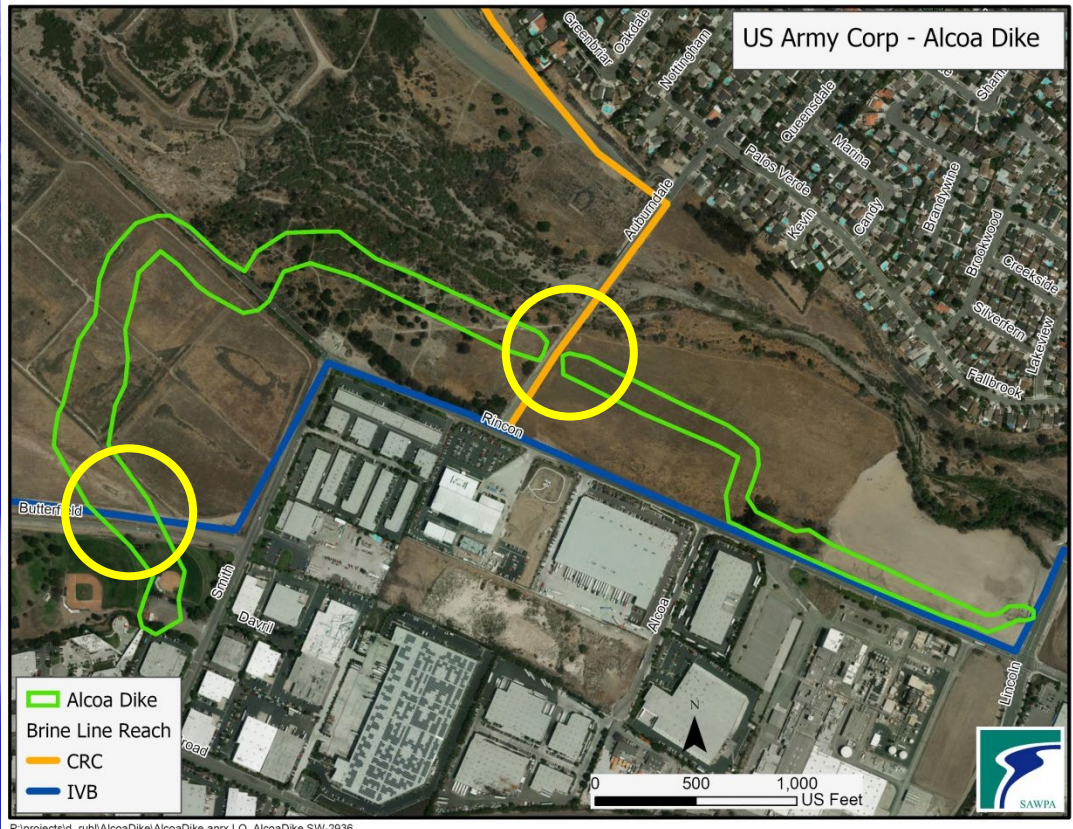
■ Recommendation

- Direct the GM to file a Notice of Exemption for the Lower Reach IV-B and CRC Lateral Utility Protection Project with the Riverside County Clerk's Office; and
- Direct the GM to issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Lower Reach IV-B and CRC Lateral Utility Project.

Prado Basin Perimeter Dikes



Alcoa Dike - Reach IVB/CRC Lateral



- Protect Reach 4B/CRC Lateral Due to Impacts of Alcoa Dike
- Hired Stantec to prepare plans and specifications
- Remove and Replace about 480 feet of Reach IVB
- Remove and Replace about 100 feet of the CRC Lateral

Construction Cost Estimate and Notice of Exemption

- Estimate of Construction Cost \$889,250
 - Lower Reach IV-B \$673,650
 - CRC Lateral \$215,600
- Notice of Exemption
 - Project located within a disturbed and impacted construction area due to Alcoa Dike
 - All work along same Brine Line alignment

Critical Activities

- CEQA Notice of Exemption June 2, 2020
- Notice Inviting Bids Approval June 2, 2020
- Final Plans and Specifications June 15, 2020
- Issue Notice Inviting Bids June 16, 2020
- Award Construction Contract August 4, 2020
- Construction September – December 2020
- Corps Phase 2 Award January 2021

Lower Reach IVB and CRC Lateral Protection Project

■ Recommendation

- Direct the GM to file a Notice of Exemption for the Lower Reach IV-B and CRC Lateral Utility Protection Project with the Riverside County Clerk's Office; and
- Direct the GM to issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Lower Reach IV-B and CRC Lateral Utility Project.

QUESTIONS?

NOTICE OF EXEMPTION

To: Riverside County Clerk
2724 Gateway Drive
Riverside, California 92502

From: Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, California 92503

Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

Project Title: Inland Empire Brine Line Reach IV-B and CRC Lateral Utility Protection Project (2 Locations)

Location: Auburndale Street between West Rincon Road and Palos Verde Drive, and adjacent to Butterfield Drive between North Smith Avenue and Aviation Drive.

Location – Cities: Corona **Location – Counties:** Riverside

Description of Nature, Purpose and Beneficiaries of the Project:

The Inland Empire Brine Line (Brine Line) is an important infrastructure link moving nonreclaimable wastewater and sewage from their sources to a treatment facility in Orange County. This project will remove and replace approximately a 480 foot portion of the Brine Line between North Smith Avenue and Aviation Drive, and remove and replace approximately a 100 foot portion of the Brine Line between West Rincon Road and Palos Verde Drive. The project is designed to protect the integrity of the Brine Line from an increased soil burden caused by construction of protective flood control levees by the United States Army Corps of Engineers (Corps) as part of the Santa Ana River Mainstem Project. The project will be completed before the Corps initiates levee construction over the Brine Line and will reduce the likelihood of pipeline failure or breach that could result in a sewage spill and service disruption. All work will take place over the existing Brine Line alignment. During construction, Traffic Control will be coordinated with the City of Corona.

Name of Lead Agency Approving Project: Santa Ana Watershed Project Authority (SAWPA)

Reasons why project is exempt: This project is categorically exempt from the California Environmental Quality Act (CEQA) because it involves a minor repair or maintenance of an existing public sewerage facility and does not expand its existing use beyond that at the time of the lead agency’s determination (14 California Code of Regulations (CCR), Section 15301b) and because it involves replacement or reconstruction of an existing utility system involving negligible or no expansion of capacity, will be located in the same alignment and will have substantial the same purpose and capacity as the facility replace (CCR, Section 15302c). This project is conducted in an area either disturbed as part of an ongoing Corps project or under a section of paved road providing access to a sewerage treatment facility. The existing Brine Line facility is part of a publicly-owned utility providing sewerage services to the area. The project will enhance system reliability and mitigate the risk of spills impacting public health and water quality.

As this project is exempt no notice is required, nor is a hearing or opportunity to be heard required and no findings are required pursuant to 14 CCR, Sections 15061 and 15062.

Lead Agency Contact Person: David Ruhl, Engineering Manager

Area Code/Telephone/Extension: (951) 354-4223

Email: druhl@sawpa.org

Signature: _____ Date: _____ Title: _____

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PA 24 COMMITTEE MEMORANDUM NO. 2020.13

DATE: June 2, 2020

TO: Project Agreement 24 Committee
(Inland Empire Brine Line)

SUBJECT: Euclid Avenue (Reach IV-A and IV-D) Maintenance Access Structure
Rehabilitation Project

PREPARED BY: David Ruhl, Engineering Manager

RECOMMENDATION

That the Project Agreement 24 Committee direct the General Manager to:

1. File a Notice of Exemption for the Inland Empire Brine Line Euclid Avenue (Reach IV-A and IV-D) Maintenance Access Structure Rehabilitation Project with the San Bernardino County Clerk's Office.
2. Issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Inland Empire Brine Line Euclid Avenue (Reach IV-A and IV-D) Maintenance Access Structure Rehabilitation Project.

DISCUSSION

The project includes the modification or "sealing" of five (5) Maintenance access structures (MAS) on Reach IVD along Euclid Avenue to withstand pressurization without allowing a sanitary sewer overflow or infiltration from historically high Prado Reservoir levels. The project removes one MAS on Reach IVA along Euclid Avenue due to significant concrete deterioration. A new 12 foot fabricated pipe fitting will replace the demolished MAS.

SAWPA staff evaluated the effect on the Brine Line of transferring pipeline capacity from Western Municipal Water District to San Bernardino Valley Municipal Water District to facilitate new discharges to the Brine Line from the City of Beaumont (Beaumont). The evaluation found that five MAS in Reach 4D need to be modified to withstand pressurization without allowing overflows. The Agreement to Discharge between SAWPA and Beaumont, approved by the Commission in December 2018, states that SAWPA will make the necessary modifications to the five (5) MAS and Beaumont will reimburse SAWPA its costs.

In November 2019, SAWPA hired V&A to conduct a condition assessment of MAS IVA-180. The results of the assessment indicated the structure is severely corroded above the water line, about 4 – 5 inches of concrete has been lost or severely degraded and some reinforcement is exposed and severely corroded. V&A recommended replacement or rehabilitation of the MAS. Due to the condition of the MAS, the close proximity to the next MAS (12 feet) and the cost of replacement or rehabilitation it was determined that removing the MAS was the most cost effective option with no impact on the operation of the Brine Line. In December 2019, SAWPA hired Ayala Engineering to coat the inside of the MAS to prevent further corrosion while plans could be prepared to remove the MAS and replace with a 12 foot fabricated pipe fitting.

SAWPA hired Dudek to prepare plans and specifications to seal the five (5) MAS on Reach IVD and remove one (1) MAS on Reach IVA. SAWPA staff has reviewed the plans and specifications and have provided comments to Dudek. A final set of plans and specifications is anticipated on June 5, 2020.

Construction Cost Estimate

The estimate of construction cost for the sealing of five (5) MAS on Reach IVD is \$370,000 and \$140,000 for the demolition of the MAS on Reach IVA and installation of a new fabricated pipe fitting. The total construction cost estimate is \$510,000.

Schedule and Timing of Work

The following is the schedule of critical activities.

Schedule of Critical Activities	
CEQA Notice of Exemption	June 2, 2020
PA24 Approval – Notice Inviting Bids	June 2, 2020
Final Plans and Specifications	June 5, 2020
Issue Notice Inviting Bids	June 16, 2020
PA 24 Approval – Award Construction Contract	August 4, 2020
Construction	September – November 2020

CEQA Notice of Exemption

The project is located along Euclid Avenue within State of California Department of Transportation (Caltrans) and or City of Chino right-of-way. A portion of the work is within the United States Army Corps property within an existing disturbed and impacted area. No significant environmental impacts are anticipated. Additionally, all work will be along the existing Brine Line alignment at or around existing MAS. This project is categorically exempt from CEQA because it involves minor repair or maintenance of an existing sewerage facility (14 CCR, Section 15301b).

RESOURCE IMPACTS

Funds are available in FY 21 Budget, Fund 320-03 to cover the construction and construction management costs.

Attachments:

1. PowerPoint Presentation
2. Notice of Exemption

Euclid Avenue (Reach IVA and Reach IVD) Maintenance Access Structure (MAS) Rehabilitation Project

David Ruhl, Engineering Manager

Project Agreement 24 Committee | June 2, 2020

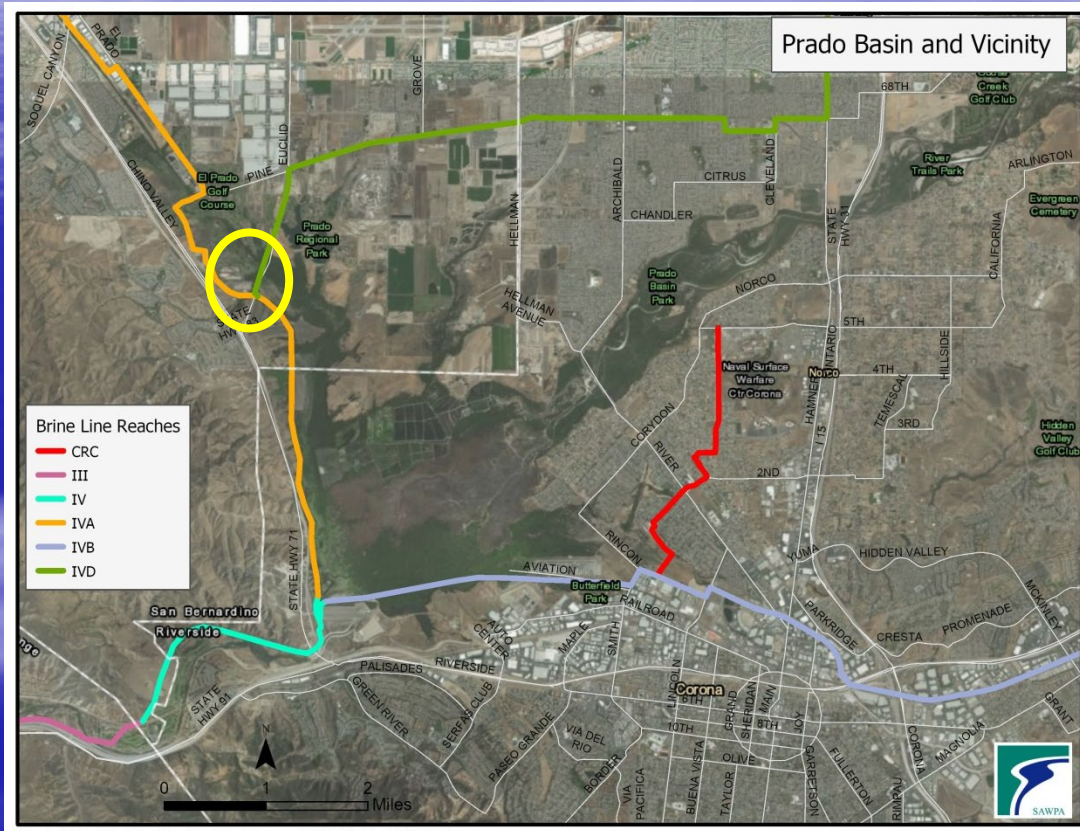
Item No. 5.D.

Euclid Avenue (Reach IVA and Reach IVD) MAS Rehabilitation Project

■ Recommendation

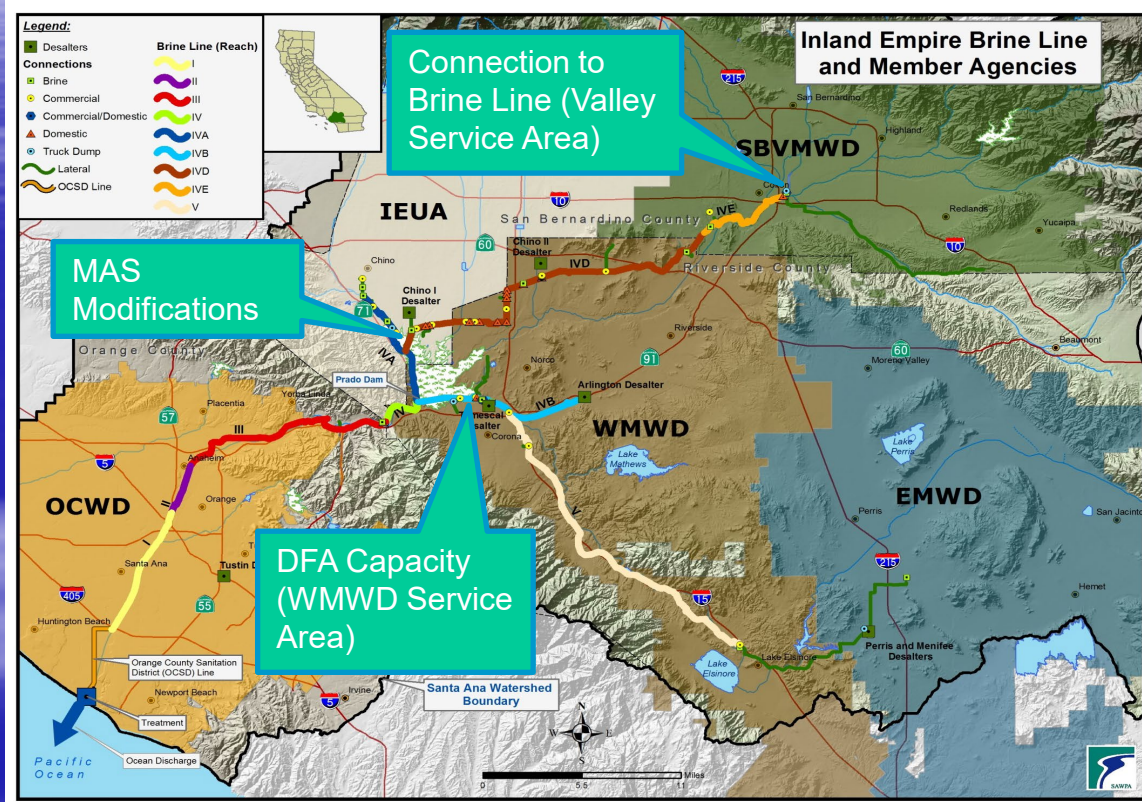
- Direct the GM to file a Notice of Exemption for the Euclid Avenue (Reach IV-A and Reach IVD) MAS Rehabilitation Project with the San Bernardino County Clerk's Office; and
- Direct the GM to issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Euclid Avenue (Reach IV-A and Reach IVD) MAS Rehabilitation Project.

Project Location and Description



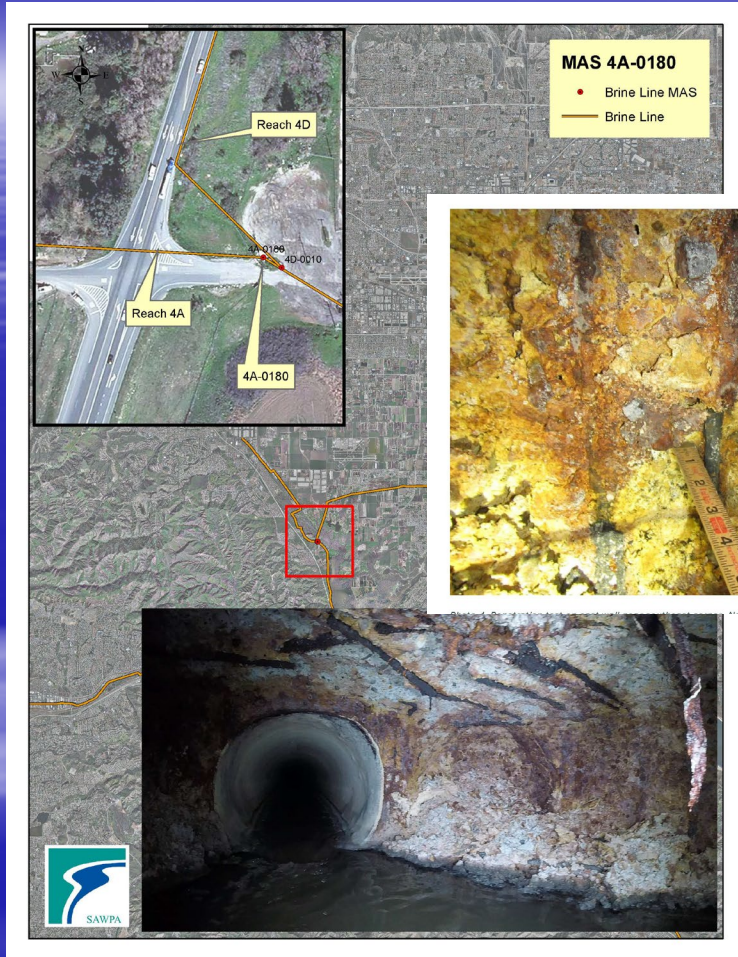
- Seal 5 MAS on Reach IVD to withstand pressurization
- Remove 1 MAS on Reach IVA due to concrete deterioration

Reach IVD MAS Modifications



- Beaumont new connection to Brine Line
- Hydraulic Improvements needed to handle transfer of flow
- SAWPA / Beaumont agree that SAWPA will make necessary modifications and Beaumont will reimburse SAWPA its costs

IVA – MAS 180



- Condition assessment
 - Severe corrosion
 - 4 – 5 inches of concrete lost or severely degraded
 - Reinforcement is exposed and severely corroded
- Remove MAS and replace with new fabricated pipe fitting

Construction Cost Estimate and Notice of Exemption

- Estimate of Construction Cost \$510,000
 - Reach IVD \$370,000
 - Reach IVA – MAS 180 \$140,000
- Notice of Exemption
 - Project located along shoulder of Euclid Avenue and within a disturbed and impacted area on Corps property
 - All work along existing Brine Line alignment at or around existing MAS

Critical Activities

- CEQA Notice of Exemption June 2, 2020
- Notice Inviting Bids Approval June 2, 2020
- Final Plans and Specifications June 5, 2020
- Issue Notice Inviting Bids June 16, 2020
- Award Construction Contract August 4, 2020
- Construction September – November 2020

Euclid Avenue (Reach IVA and Reach IVD) MAS Rehabilitation Project

■ Recommendation

- Direct the GM to file a Notice of Exemption for the Euclid Avenue (Reach IV-A and Reach IVD) MAS Rehabilitation Project with the San Bernardino County Clerk's Office; and
- Direct the GM to issue a Notice Inviting Bids, upon completion of the Final Plans and Specifications, for the Construction of the Euclid Avenue (Reach IV-A and Reach IVD) MAS Rehabilitation Project.

QUESTIONS?

NOTICE OF EXEMPTION

To: San Bernardino County Clerk
222 West Hospitality Lane
San Bernardino, California 92415

From: Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, California 92503

Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

Project Title: Euclid Avenue (Inland Empire Brine Line Reach IVA and IVD) Maintenance Access Structure Rehabilitation Project

Location: Euclid Avenue between Pomona Rincon Road and Pine Avenue.

Location – Cities: Chino **Location – Counties:** San Bernardino, CA

Description of Nature, Purpose and Beneficiaries of the Project:

The Inland Empire Brine Line (Brine Line) is an important infrastructure link moving nonreclaimable wastewater and sewage from their sources to a treatment facility in Orange County. Five (5) maintenance access structures (MAS) may become pressurized during ultimate flow conditions and experience infiltration due to increased flood control operations of Prado Reservoir. One MAS has experienced significant concrete deterioration. This project will rehabilitate and modify 5 maintenance access structures through the installation of steel covers and appurtenances to seal the MAS, making them watertight. The project will remove 1 maintenance access structure and replace with 10 – 15 feet of pipe. The project is designed to prevent a sewage spill or infiltration of stormwater in the Brine Line and reduce the likelihood of pipeline failure or breach that could result in a sewage spill and service disruption.

All work will take place at an existing MAS. During construction, Traffic Control will be coordinated with the City of Chino and Caltrans.

Name of Lead Agency Approving Project: Santa Ana Watershed Project Authority (SAWPA)

Reasons why project is exempt: This project is categorically exempt from the California Environmental Quality Act (CEQA) because it involves a minor repair or maintenance of an existing public sewerage facility and does not expand its existing use beyond that at the time of the lead agency’s determination (14 California Code of Regulations (CCR), Section 15301b). The existing Brine Line facility is part of a publicly-owned utility providing sewerage services to the area. The project will enhance system reliability and mitigate the risk of spills impacting public health and water quality.

As this project is exempt no notice is required, nor is a hearing or opportunity to be heard required and no findings are required pursuant to 14 CCR, Sections 15061 and 15062.

Lead Agency Contact Person: David Ruhl, Engineering Manager

Area Code/Telephone/Extension: (951) 354-4223

Email: druhl@sawpa.org

Signature: _____ Date: _____ Title: _____

Santa Ana River Trail Impacts to Brine Line

Carlos Quintero, Operations Manager
PA24 Committee | June 2, 2020
Item 5.E.

Recommendation

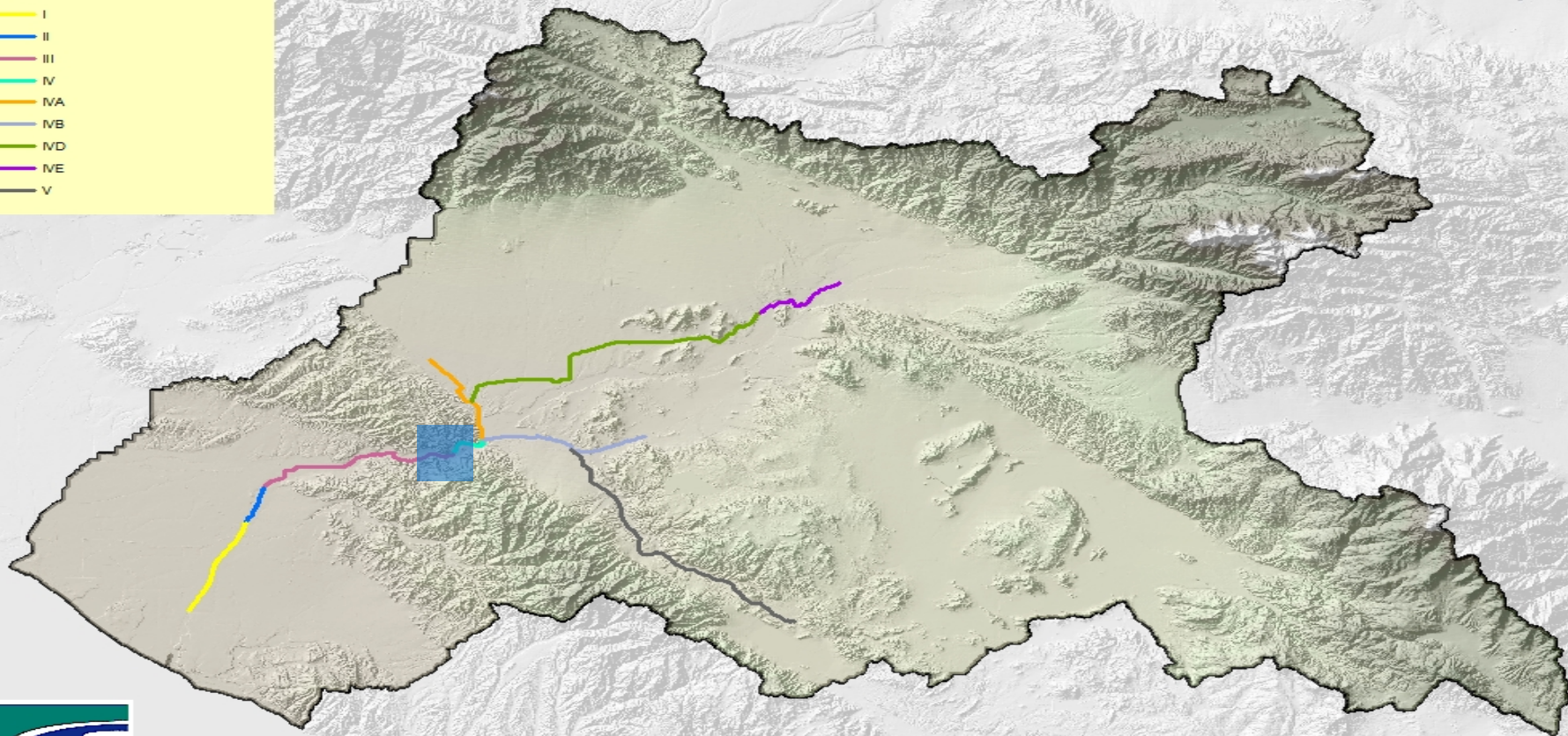
- Receive and file

Inland Empire Brine Line

Brine Line

REACH

- I
- II
- III
- IV
- VA
- VB
- VD
- VE
- V



**Inland Empire Brine Line
Santa Ana River Trail**

- Brine Line
- Brine Line MAS



Aliso Canyon

Riverside County

SB County

SART Proposed on SAWPA Property

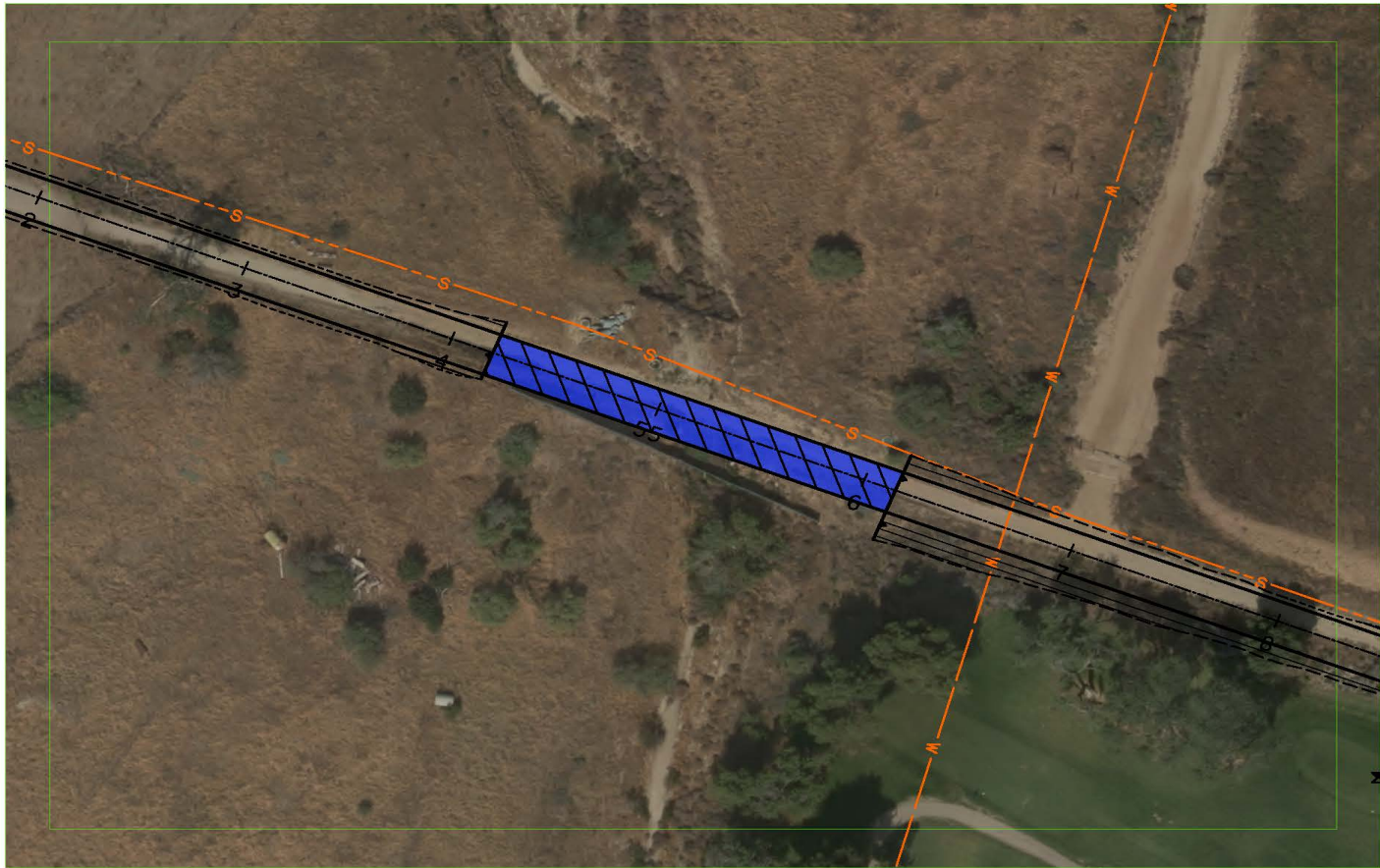
BNSF Crossing [CLOSED]

Orange County





01/23/2017 12:31



Michael Baker
INTERNATIONAL
5 Hutton Centre Dr., Suite 500
Santa Ana, CA 92707
Phone: (949) 471-3505
MBAKERINTL.COM

ALISO CANYON BRIDGE - PRELIMINARY LAYOUT
RIVERSIDE COUNTY PARKS

84
SCALE: 1"=50'
SHEET:
DATE: 3/31/2020

Recommendation

- Receive and file



Questions???

**Santa Ana Watershed Project Authority
PA24 - Brine Line - Financial Report
March 2020**

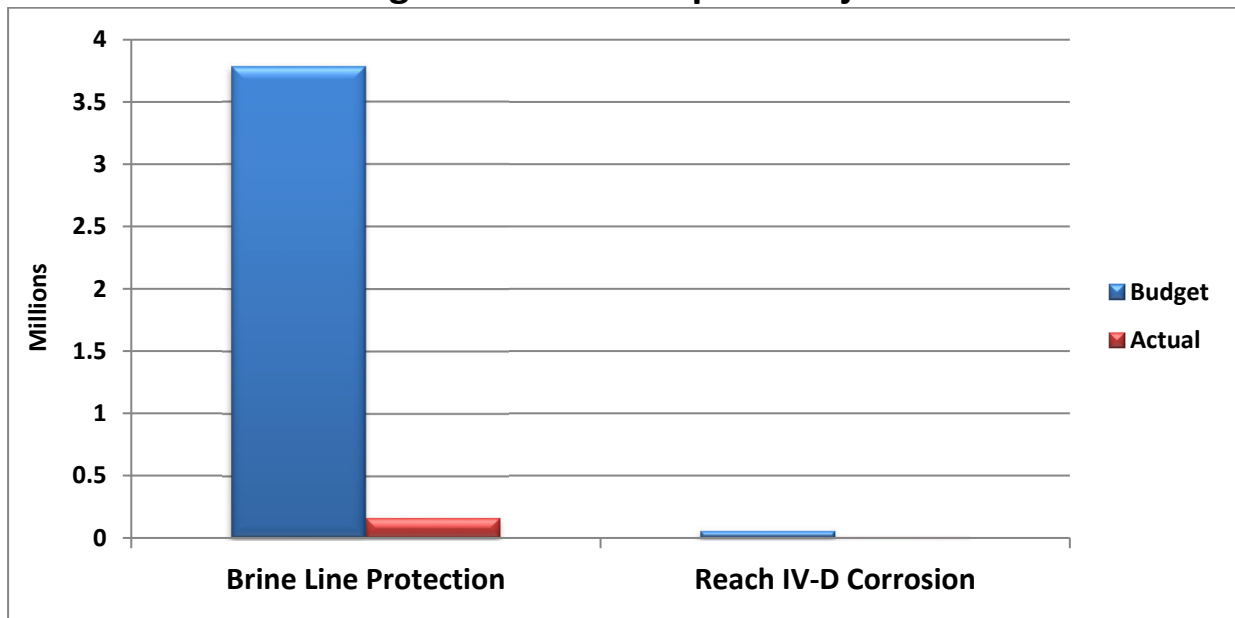
Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the Brine Line’s key financial indicators for the Fiscal Year-to-Date (FYTD) through March 2020 unless otherwise noted.
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Brine Line - Capital Projects

Budget to Actual – Capital Projects	Favorable			
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Brine Line Protection	\$5,041,923	\$3,781,442	\$165,249	\$3,616,193
Reach IV-D Corrosion	76,211	57,158	10,082	47,076
Total Capital Costs	\$5,118,134	\$3,838,600	\$175,331	\$3,663,269

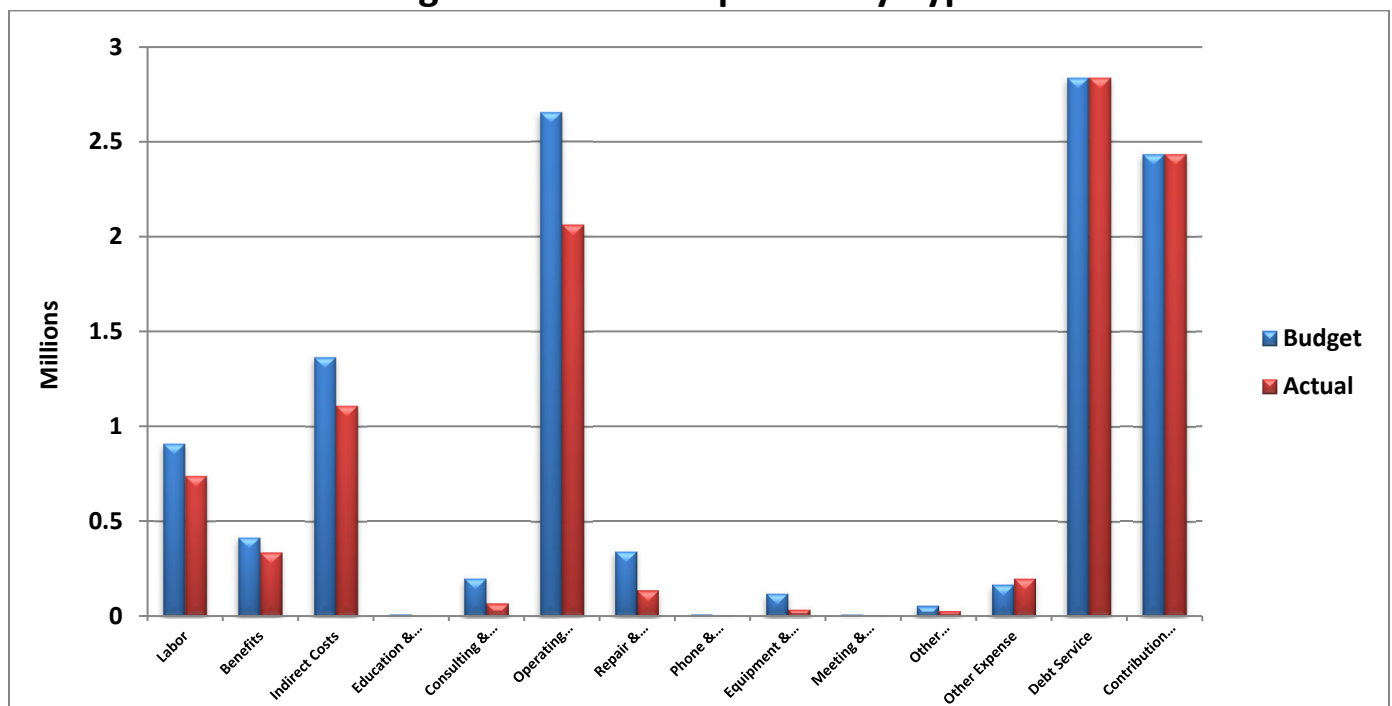
Budget to Actual - Capital Projects



Brine Line – Operating

Budget to Actual - Expenses by Type				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
Labor	\$1,206,933	\$905,200	\$736,375	\$168,825
Benefits	550,510	412,883	335,787	77,096
Indirect Costs	1,816,182	1,362,137	1,108,244	253,893
Education & Training	12,000	9,000	2,720	6,280
Consulting & Prof Svcs	265,000	198,750	67,930	130,820
Operating Costs	3,537,600	2,653,200	2,060,635	592,565
Repair & Maintenance	450,000	337,500	135,128	202,372
Phone & Utilities	11,000	8,250	5,593	2,657
Equip & Computers	156,500	117,375	36,691	80,684
Meeting & Travel	10,000	7,500	1,962	5,538
Other Admin Costs	72,900	54,675	28,805	25,870
Other Expense	199,250	164,438	194,872	(30,434)
Debt Service	2,835,027	2,835,027	2,835,753	(726)
Contribution to Reserves	3,244,227	2,433,171	2,433,171	-
Total	\$14,367,130	\$11,499,106	\$9,983,666	\$1,515,440

Budget to Actual - Expenses by Type



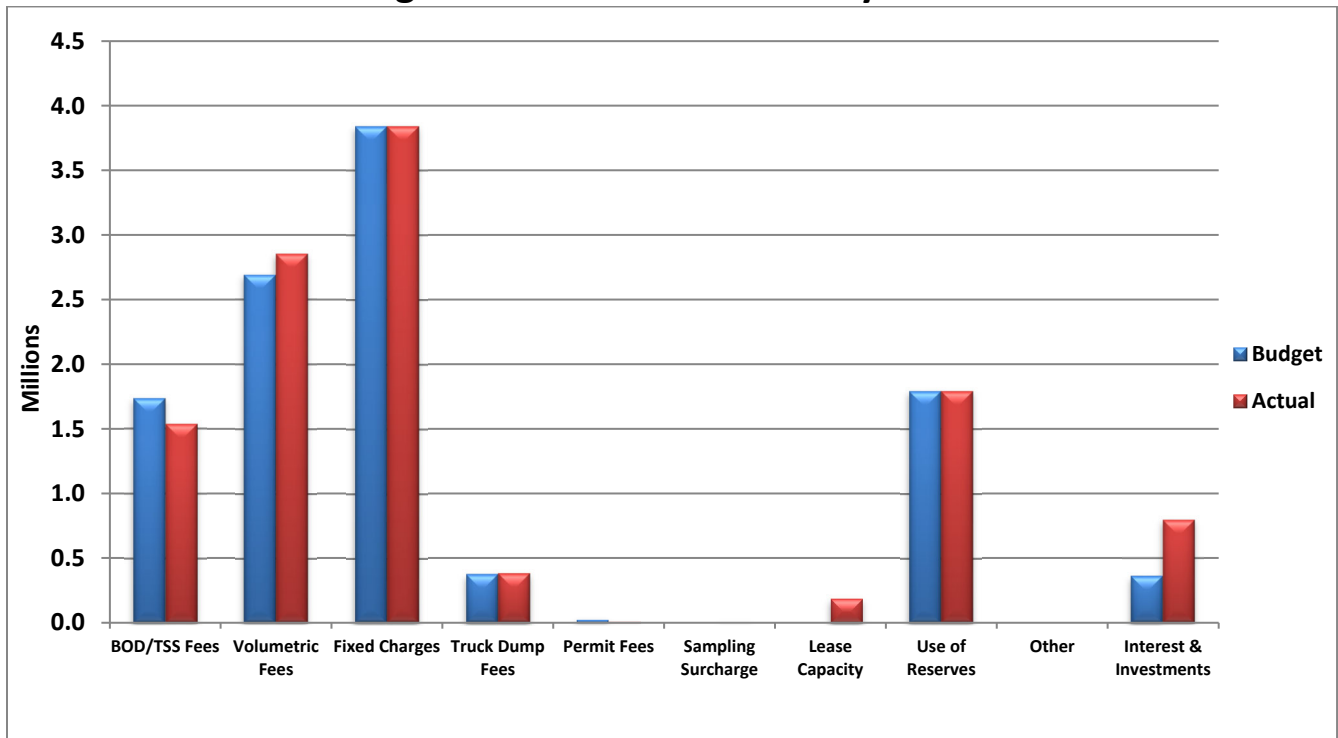
Budget to Actual - Revenues by Source

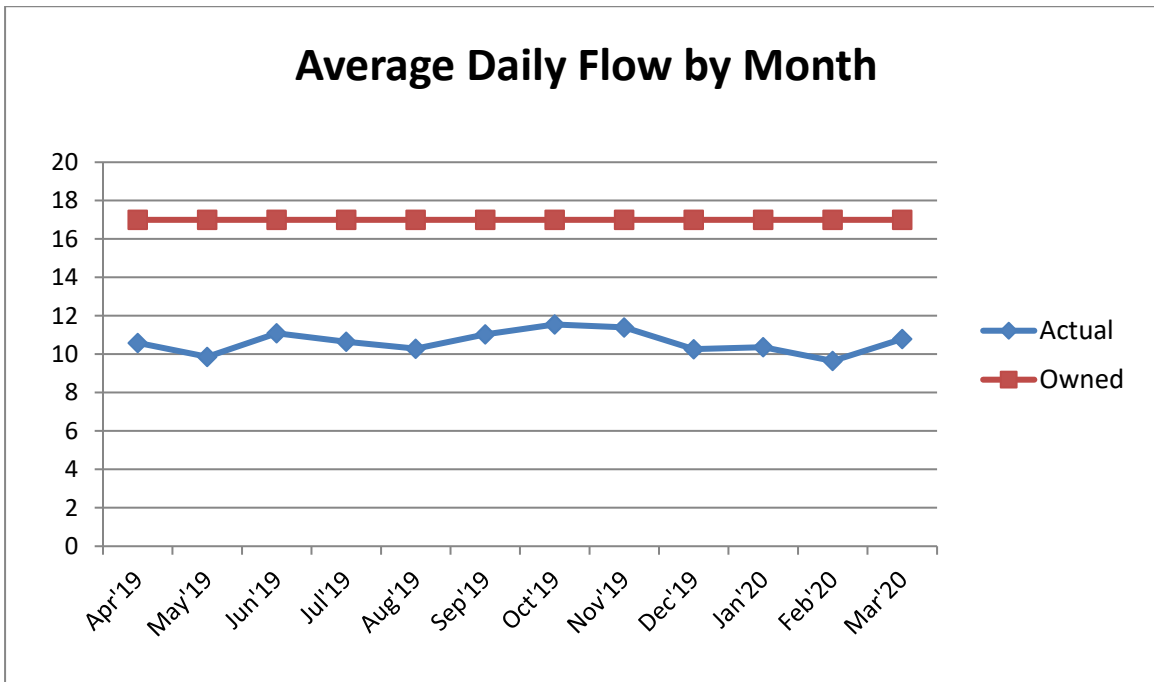


On Track

	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
BOD/TSS Fees	\$2,308,200	\$1,731,150	\$1,534,110	(\$197,040)
Volumetric Fees	3,573,350	2,680,013	2,851,338	171,325
Fixed Charges	5,118,528	3,838,896	3,838,896	-
Truck Dump Fees	496,000	372,000	377,985	5,985
Permit Fees	36,025	27,019	9,100	(17,919)
Sampling Surcharge	-	-	7,059	7,059
Lease Capacity Revenue	-	-	184,690	184,690
Use of Reserves	1,790,027	1,790,027	1,790,027	-
Other Revenue	-	-	334	334
Interest & Investments	1,045,000	362,500	791,174	428,674
Total	\$14,367,130	\$10,801,605	\$11,384,712	\$583,107

Budget to Actual - Revenues by Source

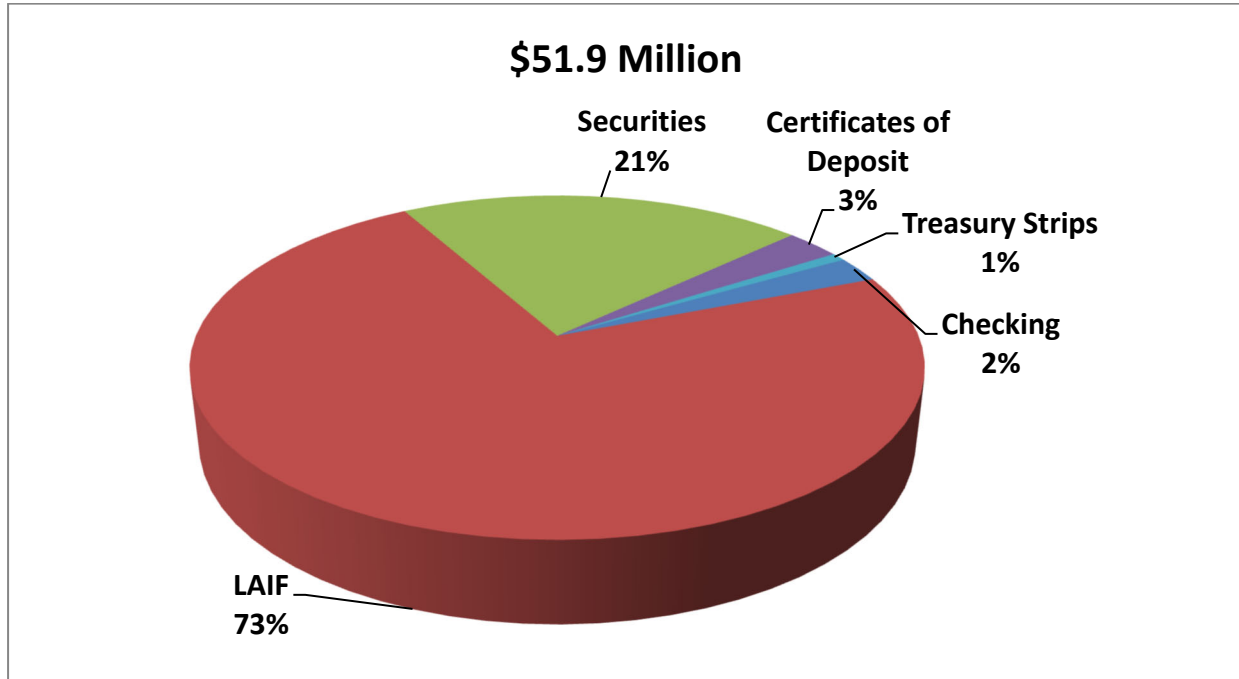




Total Discharge by Agency (in million gallons)

Discharger	Jul '19	Aug'19	Sep'19	Oct'19	Nov'19	Dec'19	Jan'20	Feb'20	Mar'20	Total
Chino Desalter Authority	76.3642	81.0245	108.2049	125.7369	130.5940	123.9218	116.1585	100.4608	111.0748	973.5405
Eastern Municipal Water District	70.8916	70.0966	71.9713	76.8378	73.3792	56.0144	46.6572	47.2998	63.6969	576.8347
Inland Empire Utilities Agency	17.6180	17.8426	16.2993	18.5452	20.3483	18.4636	17.4426	16.6445	14.3043	157.5084
San Bernardino Valley MWD	26.1114	25.6140	24.3135	25.5259	25.5015	26.0097	21.5742	20.8120	24.5125	219.9747
Western Municipal Water District	125.6778	111.3223	118.5591	108.7548	112.5143	91.3404	96.4909	111.7791	96.6214	973.0601
Truck Discharge	2.7080	2.6838	2.6175	2.7303	2.2921	2.2833	2.2697	2.2414	2.7467	22.5728
Total	319.3710	308.5838	341.9656	358.1309	364.6294	318.0332	300.5931	299.2377	312.9465	2,923.4912





Total Cash & Investments - March



Reserve Fund Balance – March

	Amount
Self Insurance	\$4,311,780
Debt Retirement	3,317,311
Pipeline Replacement	22,125,566
OCSD Rehabilitation	3,690,111
Capacity Management	11,817,079
Future Capacity	1,809,234
Rate Stabilization	1,013,845
Flow Imbalance	87,444
Brine Line Operating	3,779,138
Total Reserves	\$51,951,508

Legend

<u>Compared to Budget</u>		
	Ahead or Favorable	Above +5% Favorable Revenue or Expense Variance
	On Track	+5% to -2% Variance
	Behind	-3% to -5% Variance
	Concern	Below -5% Variance

Staff Comments

For this month's report, the item(s) explained below are either "behind", a "concern", or have changed significantly from the prior month.

- 1) Capital Projects are 95% below budget. While the OCSD Rock Removal Project is almost complete, we have not received invoices from OCSD. It is anticipated that all projects will be on track with the budget at the end of the fiscal year.