PURSUANT TO THE PROVISIONS OF EXECUTIVE ORDER N-29-20 AND N-08-21, THIS MEETING WILL BE CONDUCTED VIRTUALLY. ALL VOTES TAKEN WILL BE AN ORAL ROLL CALL.

This meeting will be accessible as follows:

<table>
<thead>
<tr>
<th>Meeting Access Via Computer (Zoom)*:</th>
<th>Meeting Access Via Telephone*:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• <a href="https://sawpa.zoom.us/j/87275818466">https://sawpa.zoom.us/j/87275818466</a></td>
<td>• 1 (669) 900-6833</td>
</tr>
<tr>
<td>• Meeting ID: 872 7581 8466</td>
<td>• Meeting ID: 872 7581 8466</td>
</tr>
</tbody>
</table>

* 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.

AGENDA

TUESDAY, AUGUST 3, 2021 – 10:00 A.M.
(or immediately following the 9:30 a.m. SAWPA Commission meeting)

REGULAR MEETING OF THE
PROJECT AGREEMENT 24 COMMITTEE
Inland Empire Brine Line

Committee Members

<table>
<thead>
<tr>
<th>Eastern Municipal Water District</th>
<th>Inland Empire Utilities Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Mouawad, General Manager</td>
<td>Director Jasmin A. Hall</td>
</tr>
<tr>
<td>Director David J. Slawson (Alt)</td>
<td>Shivaji Deshmukh, General Manager (Alt)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>San Bernardino Valley Municipal Water District</th>
<th>Western Municipal Water District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director T. Milford Harrison, Chair</td>
<td>Director Mike Gardner</td>
</tr>
<tr>
<td>Director Gil Botello (Alt)</td>
<td>Craig Miller, General Manager (Alt)</td>
</tr>
</tbody>
</table>

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. SELECTION OF COMMITTEE VICE CHAIR

5. APPROVAL OF MEETING MINUTES: JUNE 1, 2021

Recommendation: Approve as posted.

6. COMMITTEE DISCUSSION/ACTION ITEMS

A. INLAND EMPIRE BRINE LINE MASTER PLAN (PA24#2021.14)

Recommendation: Direct staff to prepare a scope of work for an Inland Empire Brine Line Master Plan.

7. INFORMATIONAL REPORTS

Recommendation: Receive for information.

A. BRINE LINE FINANCIAL REPORT – APRIL 2021

Presenter: Karen Williams

B. BRINE LINE FINANCIAL REPORT – MAY 2021

Presenter: Karen Williams

8. REQUEST FOR FUTURE AGENDA ITEMS

9. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – EXPOSURE TO LITIGATION – PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(2)

Number of Potential Cases: One

10. 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, Sara Villa, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on July 29, 2021, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted at SAWPA’s office, 11615 Sterling Avenue, Riverside, California.
## 2021 Project Agreement 24 Committee Regular Meetings

Inland Empire Brine Line  
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.)

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Meeting Type</th>
<th>Date</th>
<th>Meeting Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>1/5/21</td>
<td>Regular Committee Meeting</td>
<td>[cancelled]</td>
<td>2/2/21</td>
</tr>
<tr>
<td>March</td>
<td>3/2/21</td>
<td>Regular Committee Meeting</td>
<td></td>
<td>April 4/6/21</td>
</tr>
<tr>
<td>May</td>
<td>5/4/21</td>
<td>Regular Committee Meeting</td>
<td></td>
<td>June 6/1/21</td>
</tr>
<tr>
<td>July</td>
<td>7/6/21</td>
<td>Regular Committee Meeting</td>
<td>[cancelled]</td>
<td>August 8/3/21</td>
</tr>
<tr>
<td>September</td>
<td>9/7/21</td>
<td>Regular Committee Meeting</td>
<td></td>
<td>October 10/5/21</td>
</tr>
<tr>
<td>November</td>
<td>11/2/21</td>
<td>Regular Committee Meeting</td>
<td></td>
<td>December 12/7/21</td>
</tr>
</tbody>
</table>
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
Joe Mouawad, Eastern Municipal Water District General Manager
Shivaji Deshmukh, Alternate, Inland Empire Utilities Agency General Manager
Jasmin A. Hall, Inland Empire Utilities Agency Governing Board [11:14 a.m.]

ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]
Gil Botello, Alternate, San Bernardino Valley Municipal Water District Governing Board
Craig Miller, Alternate, Western Municipal Water District General Manager

STAFF PRESENT
Jeff Mosher, Karen Williams, Carlos Quintero, David Ruhl, Dean Unger, Marie Jauregui, Sara Villa, Haley Mullay

OTHERS PRESENT
Andrew D. Turner, Lagerlof, LLP; Mike Metts, Dudek; Nick Kanetis, Eastern Municipal Water District; Ken Tam, Inland Empire Utilities Agency; Michael Markus, Orange County Water District; Derek Kawaii, Western Municipal Water District, Mike Gardner, Western Municipal Water District

1. CALL TO ORDER | PLEDGE OF ALLEGIANCE
The regular meeting of the PA 24 Committee was called to order at 11:12 a.m. by Chair Harrison on behalf of the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California. Pursuant to the provisions of Executive Order N-29-20, this meeting was conducted virtually. 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: MAY 4, 2021
Chair Harrison called for a motion to approve the May 4, 2021; meeting minutes as posted.

MOVED, approve the May 4, 2021, meeting minutes.

Result: Adopted by Roll Call Vote (Unanimously)
Motion/Second: Dennsted/Mouawad
Ayes Dennstedt, Deshmukh, Harrison, Mouawad
Nays: None
Abstentions: None
Absent: Hall
Committee Member Hall joined the meeting at 11:14 a.m.

5. COMMITTEE DISCUSSION/ACTION ITEMS

A. INLAND EMPIRE BRINE LINE ON-CALL SERVICE CONTRACTS (PA24#2021.11)

Carlos Quintero provided a presentation on the Inland Empire Brine Line On-Call Service Contracts contained in the agenda packet on pages 11-16. Request for Proposals were issued on March 2, 2021, for the following Brine Line On-Call Services; 1) Line Draining and Emergency Clean-up Services, 2) Debris Hauling and Disposal, 3) Pipeline Inspection (CCTV), 4) Flow Meter Calibration, and 5) Surveying. The proposals were received on April 5, 2021, and were reviewed by SAWPA staff and the determination of award is based on technical and cost considerations. Committee member Mouawad questioned how the Task Order amount ($139,360) is quantified in terms of quantity of work over the next two years, is it based on certain footage of line cleaning and drainage? Mr. Quintero noted there are two components, one is the line draining truck, and it is paid out on an hourly basis. There is also a list of heavy equipment that gets used and soil disposal. The amount is based on estimates from previous years, with the budget based on an assumption of a scope of two large spills. Committee Member Dennstedt recommended listing the locations of future contractors – it is useful to know that we are doing business with local businesses in the Inland Empire.

MOVED, authorize the General Manager to issue a Task Order (HAZ240-11) for $139,360 and extend the expiration date for the existing General Services Agreement with HazMat Trans Inc. for Line Draining and Emergency Clean-up Services.

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

B. INLAND EMPIRE BRINE LINE CRITICALITY ASSESSMENT (PA24#2021.12)

David Ruhl provided a presentation on the Inland Empire Brine Line Criticality Assessment contained in the agenda packet on pages 57-68. In July 2020, SAWPA hired Dudek to conduct a Brine Line Criticality Assessment and prepare a technical memorandum to include the results and recommendations from the criticality assessment. SAWPA will utilize the information developed in the Criticality Assessment to assist in the decision-making process when evaluating and assessing the existing reserve policy to establish the appropriate target levels for the Pipeline Replacement Reserve Fund. Updates to the Criticality Assessment will be required on a regular basis, approximately every five (5) years, to ensure the long-term viability of the Brine Line. Chair Harrison questioned what the current reserve funds are for the Brine Line and if the Technical Memorandum was presented to the General Managers. Mr. Ruhl noted that the current pipeline replacement reserve funds are approximately $21 million, and an extensive review workshop was held with SAWPA and Member Agency staff to review and comment on the report. The comments received were incorporated into the report, and a revised memorandum was distributed to Member Agency staff and General Managers. Committee Member Mouawad noted it was a very thorough process and thanked Mr. Ruhl for all his efforts.
This item was for informational and discussion purposes; no action was taken on Agenda Item No. 5.B.

C. INLAND EMPIRE BRINE LINE 10-YEAR CAPITAL IMPROVEMENT PLAN (PA24#2021.13)

David Ruhl provided a presentation on the Inland Empire Brine Line revised 10-Year Capital Improvement Plan (CIP) contained in the agenda packet on pages 107-115. The purpose of the CIP is to assure the long-term future viability and sustainability of the Brine Line. The revised 10-year Brine Line CIP is estimated at $48 million through Fiscal Year 2030. The CIP was prepared by SAWPA staff and was refined during the criticality assessment to prioritize high criticality projects. High criticality projects will be implemented in earlier years while medium to low criticality projects can be completed in later years. Additional projects, investigations and studies were included in the CIP for parts of the Brine Line identified as high and very high criticality. A workshop was held with SAWPA and a meeting was held with Member Agency staff, and with the General Managers, to review the revised 10-year CIP. Chair Harrison referred to the CIP Years 4-10 slide (page 113 in the agenda packet) and questioned why in years 8-10 there is a $7 million charge for Reach IV-D Corrosion Repair; is the repair being done to where it will last longer versus constantly needing the repair? Mr. Ruhl noted that an extensive study was done in 2018 regarding Reach IV-D where a manned entry was done in the pipeline for approximately 7 miles. Data collected at the time found that the useful life of the pipe could be anywhere from 10-20 years, and the consultant recommended coming back in five years to re-evaluate if the 10-20 years is accurate. The $7 million for years 8-10 is to investigate a rehabilitation method. Committee Member Mouawad referred to the CIP Years 4-10 slide (page 113 in the agenda packet) and questioned how SAWPA is responsible for paying a proportional share of the capital costs for the SARI owned by OC San, and OC San has identified a minimum target level of $600,000 and $1.75 million annually? Mr. Ruhl noted that this has been going on for several years and part of the Settlement Agreement between SAWPA and OC San, a CIP was provided to SAWPA, and it was for $70-80 million. SAWPA asked OC San to refine the estimate and OC San suggested $600,000 and $1.75 million per year. There is $2.3 million in the reserve funds so this will also be something to further re-evaluate.

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

6. INFORMATIONAL REPORTS
   Recommendation: Receive and file the following oral/written reports/updates.
   A. BRINE LINE FINANCIAL REPORT – MARCH 2021
   B. FINANCIAL REPORT FOR THE THIRD QUARTER ENDING MARCH 31, 2021

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 12:03 p.m.
Approved at a Regular Meeting of the Project Agreement 24 Committee on August 3, 2021.

T. Milford Harrison, Chair

Attest:

Sara Villa, Clerk of the Board
PA 24 COMMITTEE MEMORANDUM NO. 2021.14

DATE: August 3, 2021

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

SUBJECT: Inland Empire Brine Line Master Plan

PREPARED BY: David Ruhl, Engineering Manager

RECOMMENDATION
That the Project Agreement 24 Committee direct staff to prepare a scope of work for an Inland Empire Brine Line Master Plan.

DISCUSSION
A Master Plan is a long-term planning document that addresses facility needs over a defined planning period. The purpose of the Brine Line Master Plan is to determine how best to manage and implement the growth and expansion of the Brine Line to best serve the watershed and our Member Agencies. The benefits of having a Brine Line Master Plan include:

- Consistency in decision making
- Ability to make informed decisions
- Focus resources and prioritize projects
- Promote economic development
- Maintain system reliability
- Accommodate future growth
- Meet future regulatory requirements

SAWPA staff will prepare a scope of work in collaboration with the Member Agencies, and present to the PA 24 Committee for discussion and approval. The scope of work would, generally, include the following:

- Coordination with Member Agencies, review of existing plans
- System hydraulics
- Future growth projections
- Design criteria
- Environmental, regulatory, and operational constraints
- Engineering and operational resiliency
- Paying for laterals, projects, and system expansion
- Capacity management and long-term planning efforts to reach 30 MGD capacity

RESOURCE IMPACTS
Sufficient funds for consultant services are included in the Fiscal Year 21-22 Budget Fund 240 (Brine Line Enterprise).

Attachments:

1. PowerPoint presentation
Inland Empire Brine Line Master Plan

David Ruhl, Engineering Manager
Project Agreement 24 Committee
August 3, 2021| Item No. 6.A.
Brine Line Master Plan

Recommendation:

• Direct staff to prepare a scope of work for an Inland Empire Brine Line Master Plan.
Brine Line Master Plan

• Long-term planning document that addresses facility needs
• Purpose is to determine how to manage and implement the growth and expansion of the Brine Line to best serve the watershed and our Member Agencies
• Benefits
  ▪ Consistency in decision making
  ▪ Ability to make informed decisions
  ▪ Focus resources and prioritize projects
  ▪ Promote economic development
  ▪ Maintain System Reliability
  ▪ Accommodate future growth
  ▪ Meet future regulatory requirements
Brine Line Master Plan

• Scope of Work
  ▪ Coordination with Member Agencies, review existing plans
  ▪ System hydraulics
  ▪ Future growth projections
  ▪ Design criteria
  ▪ Environmental, regulatory, and operational constraints
  ▪ Engineering and operation resiliency
  ▪ Pay for laterals, projects, and system expansion
  ▪ Capacity management, and long-term planning efforts to reach 30 MGD capacity
Questions?
Santa Ana Watershed Project Authority
PA24 - Brine Line - Financial Report
April 2021

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 April 2021 unless otherwise noted.

Brine Line - Capital Projects

<table>
<thead>
<tr>
<th>Budget to Actual – Capital Projects</th>
<th>Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Annual Budget</td>
</tr>
<tr>
<td>Brine Line Protection</td>
<td>$1,466,878</td>
</tr>
<tr>
<td>Reach IV-D Corrosion</td>
<td>82,151</td>
</tr>
<tr>
<td>Total Capital Costs</td>
<td>$1,549,029</td>
</tr>
</tbody>
</table>

Budget to Actual - Capital Projects

- Brine Line Protection
  - Budget: $1,466,878
  - Actual: $2,911,234
  - Variance: ($1,688,836)

- Reach IV-D Corrosion
  - Budget: 82,151
  - Actual: 68,459
  - Variance: 68,459

Total Capital Costs: $1,549,029 and $1,290,857
# Brine Line – Operating

## Budget to Actual - Expenses by Type

<table>
<thead>
<tr>
<th>Expense Type</th>
<th>Annual Budget</th>
<th>FYTD Budget</th>
<th>FYTD Actual</th>
<th>Favorable (Unfavorable) Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor</td>
<td>$1,320,100</td>
<td>$1,100,083</td>
<td>$1,001,088</td>
<td>$98,995</td>
</tr>
<tr>
<td>Benefits</td>
<td>597,981</td>
<td>498,318</td>
<td>453,493</td>
<td>44,825</td>
</tr>
<tr>
<td>Indirect Costs</td>
<td>1,990,646</td>
<td>1,658,872</td>
<td>1,509,641</td>
<td>149,231</td>
</tr>
<tr>
<td>Education &amp; Training</td>
<td>12,500</td>
<td>10,417</td>
<td>7</td>
<td>10,410</td>
</tr>
<tr>
<td>Consulting &amp; Prof Svcs</td>
<td>280,000</td>
<td>233,333</td>
<td>110,441</td>
<td>122,892</td>
</tr>
<tr>
<td>Operating Costs</td>
<td>3,792,500</td>
<td>3,160,417</td>
<td>2,444,674</td>
<td>715,743</td>
</tr>
<tr>
<td>Repair &amp; Maintenance</td>
<td>385,000</td>
<td>320,833</td>
<td>227,252</td>
<td>93,581</td>
</tr>
<tr>
<td>Phone &amp; Utilities</td>
<td>11,700</td>
<td>9,750</td>
<td>9,744</td>
<td>6</td>
</tr>
<tr>
<td>Equip &amp; Computers</td>
<td>161,500</td>
<td>134,583</td>
<td>47,339</td>
<td>87,244</td>
</tr>
<tr>
<td>Meeting &amp; Travel</td>
<td>10,000</td>
<td>8,333</td>
<td>269</td>
<td>8,064</td>
</tr>
<tr>
<td>Other Admin Costs</td>
<td>77,900</td>
<td>64,917</td>
<td>32,786</td>
<td>32,131</td>
</tr>
<tr>
<td>Other Expense</td>
<td>142,350</td>
<td>118,625</td>
<td>159,251</td>
<td>(40,626)</td>
</tr>
<tr>
<td>Debt Service</td>
<td>2,835,027</td>
<td>2,835,027</td>
<td>2,835,753</td>
<td>(726)</td>
</tr>
<tr>
<td>Contribution to Reserves</td>
<td>3,619,241</td>
<td>3,016,034</td>
<td>3,016,034</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$15,236,445</strong></td>
<td><strong>$13,169,542</strong></td>
<td><strong>$11,847,772</strong></td>
<td><strong>$1,321,770</strong></td>
</tr>
</tbody>
</table>

**Budget to Actual - Expenses by Type**

![Budget to Actual - Expenses by Type](chart.png)

- **Budget**
- **Actual**
### Budget to Actual - Revenues by Source

<table>
<thead>
<tr>
<th>Source</th>
<th>Annual Budget</th>
<th>FYTD Budget</th>
<th>FYTD Actual</th>
<th>Favorable (Unfavorable) Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD/TSS Fees</td>
<td>$2,520,700</td>
<td>$2,100,583</td>
<td>$1,677,887</td>
<td>($422,696)</td>
</tr>
<tr>
<td>Volumetric Fees</td>
<td>3,868,400</td>
<td>3,223,667</td>
<td>3,263,552</td>
<td>39,885</td>
</tr>
<tr>
<td>Fixed Charges</td>
<td>5,453,233</td>
<td>4,544,361</td>
<td>4,333,738</td>
<td>(210,623)</td>
</tr>
<tr>
<td>Truck Dump Fees</td>
<td>521,000</td>
<td>434,167</td>
<td>676,534</td>
<td>242,367</td>
</tr>
<tr>
<td>Permit Fees</td>
<td>38,085</td>
<td>8,000</td>
<td>9,150</td>
<td>1,150</td>
</tr>
<tr>
<td>Sampling Surcharge</td>
<td>-</td>
<td>-</td>
<td>9,682</td>
<td>9,682</td>
</tr>
<tr>
<td>Lease Capacity Revenue</td>
<td>-</td>
<td>-</td>
<td>181,314</td>
<td>181,314</td>
</tr>
<tr>
<td>Use of Reserves</td>
<td>2,160,027</td>
<td>2,160,027</td>
<td>2,160,027</td>
<td>-</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>-</td>
<td>-</td>
<td>314,827</td>
<td>314,827</td>
</tr>
<tr>
<td>Interest &amp; Investments</td>
<td>675,000</td>
<td>518,750</td>
<td>279,147</td>
<td>(239,603)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$15,236,445</strong></td>
<td><strong>$12,989,555</strong></td>
<td><strong>$12,905,858</strong></td>
<td>(<strong>$83,697</strong>)</td>
</tr>
</tbody>
</table>

**On Track**

#### Budget to Actual - Revenues by Source

![Graph showing budget vs. actual revenues by source](chart.png)
### Average Daily Flow by Month

![Average Daily Flow by Month](image)

### Total Discharge by Agency (in million gallons)

<table>
<thead>
<tr>
<th>Discharger</th>
<th>Jul '20</th>
<th>Aug '20</th>
<th>Sep '20</th>
<th>Oct '20</th>
<th>Nov '20</th>
<th>Dec '20</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Desalter Authority</td>
<td>116.5012</td>
<td>112.1985</td>
<td>111.5921</td>
<td>113.5047</td>
<td>92.4434</td>
<td>101.8909</td>
<td>648.1308</td>
</tr>
<tr>
<td>Eastern Municipal Water District</td>
<td>73.2679</td>
<td>76.5411</td>
<td>71.3266</td>
<td>69.7128</td>
<td>45.2323</td>
<td>51.3534</td>
<td>387.4341</td>
</tr>
<tr>
<td>Inland Empire Utilities Agency</td>
<td>17.3110</td>
<td>15.2022</td>
<td>15.0274</td>
<td>16.1369</td>
<td>14.3543</td>
<td>12.9822</td>
<td>91.0140</td>
</tr>
<tr>
<td>San Bernardino Valley MWD</td>
<td>27.9092</td>
<td>28.2059</td>
<td>24.6697</td>
<td>27.3885</td>
<td>35.2666</td>
<td>38.0272</td>
<td>181.4671</td>
</tr>
<tr>
<td>Western Municipal Water District</td>
<td>129.9692</td>
<td>113.2654</td>
<td>114.2837</td>
<td>127.8736</td>
<td>108.1608</td>
<td>99.2837</td>
<td>692.8321</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>368.6958</strong></td>
<td><strong>349.1533</strong></td>
<td><strong>340.5302</strong></td>
<td><strong>358.0388</strong></td>
<td><strong>298.6670</strong></td>
<td><strong>306.5512</strong></td>
<td><strong>2,021.6363</strong></td>
</tr>
</tbody>
</table>

### Total Discharge by Agency (in million gallons) (Continued)

<table>
<thead>
<tr>
<th>Discharger</th>
<th>Jan '21</th>
<th>Feb '21</th>
<th>Mar '21</th>
<th>Apr '21</th>
<th>May '21</th>
<th>Jun '21</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Desalter Authority</td>
<td>118.8233</td>
<td>109.4655</td>
<td>106.6022</td>
<td>107.5982</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eastern Municipal Water District</td>
<td>72.3041</td>
<td>46.2928</td>
<td>71.2052</td>
<td>66.7116</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Bernardino Valley MWD</td>
<td>35.9601</td>
<td>30.0014</td>
<td>27.1109</td>
<td>25.5514</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Municipal Water District</td>
<td>101.7810</td>
<td>91.1324</td>
<td>92.8206</td>
<td>110.4899</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Truck Discharge</td>
<td>2.9576</td>
<td>2.8866</td>
<td>3.3403</td>
<td>3.6403</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>344.8747</strong></td>
<td><strong>292.9073</strong></td>
<td><strong>314.9540</strong></td>
<td><strong>328.2330</strong></td>
<td><strong>92.0560</strong></td>
<td><strong>33.5830</strong></td>
<td><strong>3,302.6053</strong></td>
</tr>
</tbody>
</table>
## Reserve Fund Balance – April

<table>
<thead>
<tr>
<th>Reserve Fund Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self Insurance</td>
<td>$4,477,697</td>
</tr>
<tr>
<td>Debt Retirement</td>
<td>4,092,449</td>
</tr>
<tr>
<td>Pipeline Replacement</td>
<td>21,268,103</td>
</tr>
<tr>
<td>OC San Rehabilitation</td>
<td>2,377,813</td>
</tr>
<tr>
<td>Capacity Management</td>
<td>11,974,038</td>
</tr>
<tr>
<td>Future Capacity</td>
<td>1,833,264</td>
</tr>
<tr>
<td>Rate Stabilization</td>
<td>1,027,311</td>
</tr>
<tr>
<td>Flow Imbalance</td>
<td>83,681</td>
</tr>
<tr>
<td>Brine Line Operating</td>
<td>3,486,482</td>
</tr>
<tr>
<td><strong>Total Reserves</strong></td>
<td><strong>$50,620,838</strong></td>
</tr>
</tbody>
</table>
Legend

- **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.

Capital Projects are 126% above budget. The reason for the budget overage is OCSD sent invoices of $1,358,656 for the prior fiscal year and the early completion of the Alcoa Dike – Lower Reach IV-B and CRC Lateral Utility Protection Project.
Santa Ana Watershed Project Authority
PA24 - Brine Line - Financial Report
May 2021

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 May 2021 unless otherwise noted.

Brine Line - Capital Projects

<table>
<thead>
<tr>
<th>Budget to Actual – Capital Projects</th>
<th>Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Annual Budget</strong></td>
<td>FYTD Budget</td>
</tr>
<tr>
<td>Brine Line Protection</td>
<td>$1,466,878</td>
</tr>
<tr>
<td>Reach IV-D Corrosion</td>
<td>82,151</td>
</tr>
<tr>
<td><strong>Total Capital Costs</strong></td>
<td><strong>$1,549,029</strong></td>
</tr>
</tbody>
</table>

Budget to Actual - Capital Projects

- Brine Line Protection
- Reach IV-D Corrosion
- Millions
- Budget
- Actual
## Brine Line – Operating

<table>
<thead>
<tr>
<th>Budget to Actual - Expenses by Type</th>
<th>Favorable (Unfavorable) Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Annual Budget</strong></td>
<td><strong>FYTD Budget</strong></td>
</tr>
<tr>
<td>Labor</td>
<td>$1,320,100</td>
</tr>
<tr>
<td>Benefits</td>
<td>597,981</td>
</tr>
<tr>
<td>Indirect Costs</td>
<td>1,990,646</td>
</tr>
<tr>
<td>Education &amp; Training</td>
<td>12,500</td>
</tr>
<tr>
<td>Consulting &amp; Prof Svcs</td>
<td>280,000</td>
</tr>
<tr>
<td>Operating Costs</td>
<td>3,792,500</td>
</tr>
<tr>
<td>Repair &amp; Maintenance</td>
<td>385,000</td>
</tr>
<tr>
<td>Phone &amp; Utilities</td>
<td>11,700</td>
</tr>
<tr>
<td>Equip &amp; Computers</td>
<td>161,500</td>
</tr>
<tr>
<td>Meeting &amp; Travel</td>
<td>10,000</td>
</tr>
<tr>
<td>Other Admin Costs</td>
<td>77,900</td>
</tr>
<tr>
<td>Other Expense</td>
<td>142,350</td>
</tr>
<tr>
<td>Debt Service</td>
<td>2,835,027</td>
</tr>
<tr>
<td>Contribution to Reserves</td>
<td>3,619,241</td>
</tr>
</tbody>
</table>

Total | $15,236,445 | $14,202,995 | $12,681,489 | $1,521,506 |

### Budget to Actual - Expenses by Type

![Bar chart showing budget vs actual expenses by type](chart.png)

- **Budget**
- **Actual**
### Budget to Actual - Revenues by Source

<table>
<thead>
<tr>
<th>Source</th>
<th>Annual Budget</th>
<th>FYTD Budget</th>
<th>FYTD Actual</th>
<th>Favorable (Unfavorable) Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD/TSS Fees</td>
<td>$2,520,700</td>
<td>$2,310,642</td>
<td>$1,926,728</td>
<td>($383,914)</td>
</tr>
<tr>
<td>Volumetric Fees</td>
<td>3,868,400</td>
<td>3,546,033</td>
<td>3,603,456</td>
<td>57,423</td>
</tr>
<tr>
<td>Fixed Charges</td>
<td>5,453,233</td>
<td>4,998,797</td>
<td>4,777,357</td>
<td>(221,440)</td>
</tr>
<tr>
<td>Truck Dump Fees</td>
<td>521,000</td>
<td>477,583</td>
<td>744,680</td>
<td>267,097</td>
</tr>
<tr>
<td>Permit Fees</td>
<td>38,085</td>
<td>38,085</td>
<td>27,750</td>
<td>(10,335)</td>
</tr>
<tr>
<td>Sampling Surcharge</td>
<td>-</td>
<td>-</td>
<td>9,682</td>
<td>9,682</td>
</tr>
<tr>
<td>Lease Capacity Revenue</td>
<td>-</td>
<td>-</td>
<td>190,211</td>
<td>190,211</td>
</tr>
<tr>
<td>Use of Reserves</td>
<td>2,160,027</td>
<td>2,160,027</td>
<td>2,160,027</td>
<td>-</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>-</td>
<td>-</td>
<td>314,894</td>
<td>314,894</td>
</tr>
<tr>
<td>Interest &amp; Investments</td>
<td>675,000</td>
<td>531,250</td>
<td>287,853</td>
<td>(243,397)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$15,236,445</strong></td>
<td><strong>$14,062,417</strong></td>
<td><strong>$14,042,638</strong></td>
<td><strong>($19,779)</strong></td>
</tr>
</tbody>
</table>

### Budget to Actual - Revenues by Source

- **Budget**
- **Actual**

---

**Legend:**
- **Budget**
- **Actual**

---

*Note: The graph visualizes the comparison between budgeted and actual revenues for various sources.*
## Total Discharge by Agency (million gallons)

<table>
<thead>
<tr>
<th>Discharger</th>
<th>Jul '20</th>
<th>Aug '20</th>
<th>Sep '20</th>
<th>Oct '20</th>
<th>Nov '20</th>
<th>Dec '20</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Desalter Authority</td>
<td>116.5012</td>
<td>112.1985</td>
<td>111.5921</td>
<td>113.5047</td>
<td>92.4434</td>
<td>101.8909</td>
<td>648.1308</td>
</tr>
<tr>
<td>Eastern Municipal Water District</td>
<td>73.2679</td>
<td>76.5411</td>
<td>71.3266</td>
<td>69.7128</td>
<td>45.2323</td>
<td>51.3534</td>
<td>387.4341</td>
</tr>
<tr>
<td>Inland Empire Utilities Agency</td>
<td>17.3110</td>
<td>15.2022</td>
<td>15.0274</td>
<td>16.1369</td>
<td>14.3543</td>
<td>12.9822</td>
<td>91.0140</td>
</tr>
<tr>
<td>San Bernardino Valley MWD</td>
<td>27.9092</td>
<td>28.2059</td>
<td>24.6697</td>
<td>27.3885</td>
<td>35.2666</td>
<td>38.0272</td>
<td>181.4671</td>
</tr>
<tr>
<td>Western Municipal Water District</td>
<td>129.9692</td>
<td>113.2654</td>
<td>114.2837</td>
<td>127.8736</td>
<td>108.1608</td>
<td>99.2837</td>
<td>692.8321</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>368.6958</strong></td>
<td><strong>349.1533</strong></td>
<td><strong>340.5302</strong></td>
<td><strong>358.0388</strong></td>
<td><strong>298.6670</strong></td>
<td><strong>306.5512</strong></td>
<td><strong>2,021.6363</strong></td>
</tr>
</tbody>
</table>

## Average Daily Flow by Month

![Average Daily Flow by Month](chart.png)

<table>
<thead>
<tr>
<th>Discharger</th>
<th>Jan '21</th>
<th>Feb '21</th>
<th>Mar '21</th>
<th>Apr '21</th>
<th>May '21</th>
<th>Jun '21</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Desalter Authority</td>
<td>118.8233</td>
<td>109.4655</td>
<td>106.6022</td>
<td>107.5982</td>
<td>113.6868</td>
<td>1,204.3068</td>
<td></td>
</tr>
<tr>
<td>Eastern Municipal Water District</td>
<td>72.3041</td>
<td>46.2928</td>
<td>71.2052</td>
<td>66.7116</td>
<td>61.0825</td>
<td>705.0303</td>
<td></td>
</tr>
<tr>
<td>San Bernardino Valley MWD</td>
<td>35.9601</td>
<td>30.0014</td>
<td>27.1109</td>
<td>25.5514</td>
<td>24.0844</td>
<td>324.1753</td>
<td></td>
</tr>
<tr>
<td>Western Municipal Water District</td>
<td>101.7810</td>
<td>91.1324</td>
<td>92.8206</td>
<td>110.4899</td>
<td>119.9087</td>
<td>1,208.9647</td>
<td></td>
</tr>
<tr>
<td>Truck Discharge</td>
<td>2.9576</td>
<td>2.8866</td>
<td>3.3403</td>
<td>3.6403</td>
<td>3.6451</td>
<td>37.2281</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>344.8747</strong></td>
<td><strong>292.9073</strong></td>
<td><strong>314.9540</strong></td>
<td><strong>328.2330</strong></td>
<td><strong>336.0861</strong></td>
<td><strong>3,638.6914</strong></td>
<td></td>
</tr>
</tbody>
</table>
Total Cash & Investments - May

$50.6 Million

Checking 1%
Securities 15%
Certificates of Deposit 2%
LAIF 82%

Reserve Fund Balance – May

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self Insurance</td>
</tr>
<tr>
<td>Debt Retirement</td>
</tr>
<tr>
<td>Pipeline Replacement</td>
</tr>
<tr>
<td>OC San Rehabilitation</td>
</tr>
<tr>
<td>Capacity Management</td>
</tr>
<tr>
<td>Future Capacity</td>
</tr>
<tr>
<td>Rate Stabilization</td>
</tr>
<tr>
<td>Flow Imbalance</td>
</tr>
<tr>
<td>Brine Line Operating</td>
</tr>
<tr>
<td><strong>Total Reserves</strong></td>
</tr>
</tbody>
</table>
Legend

<table>
<thead>
<tr>
<th>Status</th>
<th>Compared to Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ahead or Favorable</td>
<td>Above +5% Favorable Revenue or Expense Variance</td>
</tr>
<tr>
<td>On Track</td>
<td>+5% to -2% Variance</td>
</tr>
<tr>
<td>Behind</td>
<td>-3% to -5% Variance</td>
</tr>
<tr>
<td>Concern</td>
<td>Below -5% Variance</td>
</tr>
</tbody>
</table>

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.

Capital Projects are 126% above budget. The reason for the budget overage is OCSD sent invoices of $1,358,656 for the prior fiscal year and the early completion of the Alcoa Dike – Lower Reach IV-B and CRC Lateral Utility Protection Project.