

# Inland Empire Brine Line Service Contracts

Carlos Quintero, Operations Manager  
PA24 Committee | April 7, 2020  
Item 5.A.

# Recommendation

- Direct the General Manager to issue a Request for Proposals for Brine Line Pipeline Cleaning services for Fiscal Years 2020-21 and 2021-22.

# Brine Line Service Contracts

- ***Pipeline cleaning:*** Vacuum trucks, water trucks, and traffic control for Brine Line cleaning operations.
- ***Line draining and emergency response:*** Tanker trucks for line draining during planned maintenance and emergencies, as well as material support during SSOs.
- ***Debris hauling and disposal:*** Removal of dewatering bins and hauling to disposal site.
- ***Pipeline inspection (CCTV):*** Line inspection as required per the Brine Line Sewer System Management Plan.
- ***Flow meter calibration:*** Annual calibration of dischargers flow meters.
- ***Surveying:*** On-call surveying services as required.

# Schedule

Activity	Date
Approval to issue RFP	4/7/2020
Pre-Proposal Meeting (virtual)	4/15/2020
Proposal Due Date	5/6/2020
PA24 Approval Date	6/2/2020
Contract Start Date	7/1/2020

# Recommendation

- Direct the General Manager to issue a Request for Proposals for Brine Line Pipeline Cleaning services for Fiscal Years 2020-21 and 2021-22.



Questions??

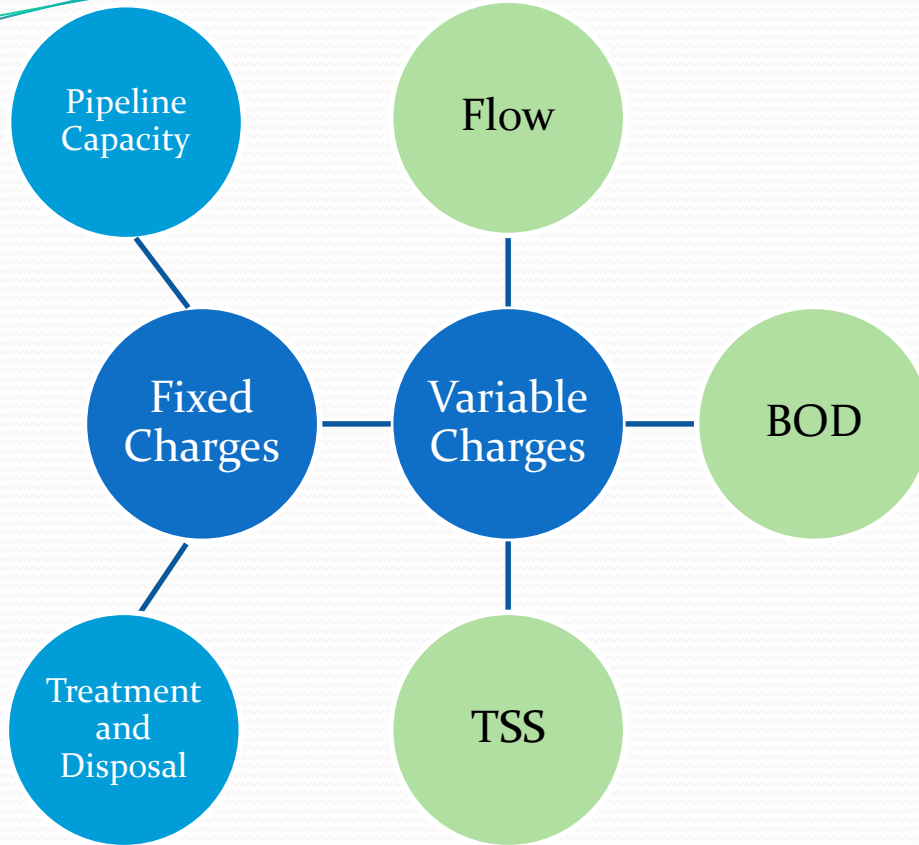
# Inland Empire Brine Line Rate Resolution FY20-21

Carlos Quintero, Operations Manager  
PA24 Committee | April 7, 2020  
Item 5.B.

# Recommendation

- That the Project Agreement 24 Committee recommend approval by the SAWPA Commission of Resolution No. 2020-06 establishing the new Inland Empire Brine Line rates to be effective July 1, 2020 (FY20-21).





## Brine Line Rate Components:

- Flow
  - Per Million Gallons
- Biochemical Oxygen Demand (BOD)
  - Per 1,000 lbs
- Total Suspended Solids (TSS)
  - Per 1,000 lbs
- Fixed Charges for Pipeline and Treatment and Disposal Capacity Owned
  - Per Million Gallons/Day

# Direct Dischargers

## Proposed Rates FY20-21

FY	Flow/MGD	BOD/1000 lbs	TSS/1000 lbs	Fixed Pipe (MGD)	Fixed T&D (MGD)
19-20	\$979	\$316	\$442	\$6,398	\$12,985
20-21	\$1,038	\$335	\$469	\$6,782	\$13,764
21-22*	\$1,090	\$352	\$492	\$7,121	\$14,452

\*Rate for planning purposes only

# Brine Line Expenses

OCSD  
Treatment and  
Disposal

OCSD SARI Line  
O&M

SSMP  
Implementation

Pre-treatment  
Program

Capital  
Improvements

Water Quality  
Sampling

Billing

Engineering

Management

# Indirect Dischargers

- Currently using a 2 tier system:
  - Brine (  $< 100$  mg/L)
  - Non-Brine (  $\geq 100$  mg/L)
  - Charges based on a per gallon base for brine tier and a per gallon base plus pounds of BOD and pounds of TSS for non-brine tier.

# Indirect Dischargers

## Proposed Rates FY20-21

### RATES FOR INDIRECT DISCHARGERS

Strength	Current (FY19-20)	FY20-21 (per gal)	FY21-22 (per gal)*
Brine (< 100 mg/L)	\$0.015	\$0.016	\$0.017
Non Brine ( $\geq$ 100 mg/L)	\$0.015 + BOD, TSS lbs	\$0.016 + BOD, TSS lbs	\$0.017 + BOD, TSS lbs
BOD	\$0.75 / lb	\$0.79 / lb	\$0.83 / lb
TSS	\$0.716 / lb	\$0.75 / lb	\$0.79 / lb

\*Rate for planning purposes only

# Capacity Pool Lease

## Proposed Rates FY20-21

- Flow: 0.00268 per gallon (\$2,680 per MG)
  - Includes BOD concentration = 250 mg/L
  - Includes TSS concentration = 250 mg/L
  - Each MG of flow includes 2,085 lbs of BOD/TSS.
- Additional BOD/TSS pounds charged at:
  - BOD = \$0.4158 per pound
  - TSS = \$0.2550 per pound
- These charges are for the 'lease' component only, other variable charges for flow, BOD, and TSS per Resolution 2020-07 Section 1 would apply.

# Treatment & Disposal Surcharge Rates

T&D Surcharge Rates	FY19-20 (Current)	FY20-21 (Proposed)
Flow (per gallon)	\$0.0020	<b>\$0.0021</b>
BOD (per pound)	\$0.3923	<b>\$0.4158</b>
TSS (per pound)	\$0.2405	<b>\$0.2550</b>

# Proposed Permit Fees

Type of Permit	FY19-20 Fee	Proposed FY20-21 Fee
Direct Discharger	\$600	\$600
Indirect Discharger	\$300	\$300
Emergency Permits	\$1,100	\$1,100
Liquid Waste Hauler	\$250	\$250



# Recommendation

- That the Project Agreement 24 Committee recommend approval by the SAWPA Commission of Resolution No. 2020-06 establishing the new Inland Empire Brine Line rates to be effective July 1, 2020 (FY20-21).



Questions??

## OCSD – SAWPA Rates (FY15 through FY21)

OCSD - SAWPA Rates	FY 14-15	15-16	16-17	17-18	18-19	19-20	20-21 (P)
Flow OCSD (per MGD)	\$182.74	\$178.94	\$175.17	\$175.68	\$187.00	\$221.00	\$221
Flow SAWPA	\$777.00	\$817.00	\$858.00	\$901.00	\$946.00	\$979.00	\$1,038
BOD OCSD (per 1,000 lbs)	\$290.16	\$284.12	\$278.14	\$278.96	\$285.00	\$320.00	\$320
BOD SAWPA	\$295.00	\$301.00	\$307.00	\$307.00	\$307.00	\$316.00	\$335
TSS OCSD (per 1,000 lbs)	\$404.60	\$396.19	\$387.85	\$388.99	\$410.00	\$472.00	\$472
TSS SAWPA	\$411.00	\$420.00	\$429.00	\$429.00	\$429.00	\$442.00	\$469

## OCSD – SAWPA Rate Increase (FY15 through FY21)

OCSD - SAWPA Rates	FY 14-15	15-16	16-17	17-18	18-19	19-20	20-21 (P)
Flow OCSD	12.39%	-2.08%	-2.11%	0.29%	6.44%	18.18%	0%
Flow SAWPA	5.57%	5.15%	5.02%	5.01%	4.99%	3.49%	6%
BOD OCSD	16.34%	-2.08%	-2.10%	0.29%	2.17%	12.28%	0%
BOD SAWPA	10.90%	2.03%	1.99%	0.00%	0.00%	2.93%	6%
TSS OCSD	9.30%	-2.08%	-2.11%	0.29%	5.40%	15.12%	0%
TSS SAWPA	4.05%	2.19%	2.14%	0.00%	0.00%	3.03%	6%

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Flow OCSD (per MG)	\$182.74	\$178.94	\$175.17	\$175.68	\$187.00	\$221.00	\$221.00
Increase from previous FY	12.39%	-2.08%	-2.11%	0.29%	6.44%	18.18%	0%
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