

**RESOLUTION NO. 2011-10**

**A RESOLUTION OF THE COMMISSION OF THE  
SANTA ANA WATERSHED PROJECT AUTHORITY  
ESTABLISHING THE RATES (FOR THE TREATMENT AND DISPOSAL OF  
NON-RECLAIMABLE WASTEWATER, TEMPORARY DOMESTIC WASTEWATER,  
TRUCK DUMP STATION DISCHARGES, AND CHARGES FOR SUSPENDED SOLIDS  
AND BIOCHEMICAL OXYGEN DEMAND) IN THE  
INLAND EMPIRE BRINE LINE (BRINE LINE)**

**WHEREAS**, the Santa Ana Watershed Project Authority (hereafter “SAWPA”) has constructed the Inland Empire Brine Line (Brine Line, also known as the Santa Ana Regional Interceptor) for the treatment and disposal of non-reclaimable wastewater, temporary domestic wastewater, and truck dump station discharges;

**WHEREAS**, the best and highest use of the Brine Line is the export of salt with the ultimate goal of achieving watershed “salt balance” and requires maximum utilization of the Brine Line;

**WHEREAS**, SAWPA’s vision is to maintain and operate the Brine Line as efficiently as possible, collect charges from SAWPA’s Member Agencies (“dischargers”) for the treatment and disposal of non-reclaimable wastewater, temporary domestic wastewater, and truck dump station discharges, including charges for the discharge of total suspended solids (“TSS”) and biochemical oxygen demand (“BOD”);

**WHEREAS**, it is the policy of the Commission to accurately and equitably allocate costs to those who generate the costs;

**WHEREAS**, SAWPA has implemented a rate structure using a characteristics-based rate that results in a “pass-through” of charges for Flow, BOD, and TSS from the Orange County Sanitation District (“OCSD”);

**WHEREAS**, SAWPA will make an adjustment to the flow measured at each discharge site if the total flow at meter S-01 is higher than the aggregate of all dischargers;

**WHEREAS**, OCSD charges and other factors affecting the rate are outside SAWPA’s control, and it is the intention of the Commission that staff review the rates, propose modifications as necessary, and seek approval of any modifications prior to the beginning of each fiscal year;

**WHEREAS**, the sampling and monitoring fee policy allows recovery of all SAWPA costs related to sampling and monitoring of discharges;

**WHEREAS**, SAWPA is implementing a planned 20-year capital improvement program for the long-term repair and replacement of the Brine Line and is funding a 25% operating reserve for the Brine Line, all of which are intended to ensure the long-term reliability of the Brine Line;

**WHEREAS**, long-term system reliability is beneficial to the Brine Line, SAWPA has included debt repayment, long-term replacement, and operating reserve components in the rate structure;

**WHEREAS**, the rates for truck dump station discharge rates, permit fees, and lease rates are derived from the same rate model and inclusion in this resolution provide clarity;

**WHEREAS**, a Peaking or Emergency Rate and two fixed charge components are included consistent with the adoption of Resolution No. 461 establishing SAWPA’s fee for service business model;

**WHEREAS**, some dischargers may from time-to-time fall below economical billing levels, a minimum charge is included;

**WHEREAS**, “Fiscal Year” shall mean the period beginning July 1 of each year and ending June 30 of the following year for purposes of initiating a new rate period;

**WHEREAS**, SAWPA is conducting a solids control study to reduce the formation of TSS within the pipeline and has used a formula since July 1, 2007 to distribute the additional loads created within the pipeline. The total TSS load is measured at the Orange County line and allocated to dischargers based on the individual discharger’s direct and indirect contribution to the total load;

**WHEREAS**, SAWPA has completed closed-circuit television inspection of the gravity portion of the system and found significant accumulation of material throughout most of the pipeline. Pipeline cleaning in these areas is required on a recurring basis. The cost for pipeline cleaning is included in the Flow charge; and

**WHEREAS**, a surcharge for Flow, BOD, and TSS treatment and disposal capacity is applicable when discharge quantities exceed owned capacity.

**NOW, THEREFORE, BE IT RESOLVED** that the Commission of the Santa Ana Watershed Project Authority hereby resolves that:

1. Effective July 1, 2011, the treatment and volumetric user charges paid to SAWPA for treatment and disposal of non-reclaimable and temporary domestic wastewater shall be as follows, with a minimum charge of \$150.00 for the flow component:

<u>Fiscal Year</u>	<u>Flow/MGD</u> (a)	<u>BOD/ 1,000 lbs.</u> (b)	<u>TSS/1,000 lbs.</u> (c)	<u>Fixed Pipe</u> (d)	<u>Fixed Treatment</u> (e)
2011-12	\$830	\$225	\$335	\$3,430	\$7,868
2012-13 (f)	\$794	\$235	\$352	\$4,083	\$8,749

- (a) This component shall be calculated and assessed per gallon (i.e., \$0.000830 in FY 2011-12) of discharge (flow) to the Brine Line each month. The flow charge is comprised of an OCSD “Pass-Through” flow charge as well as an internal SAWPA flow charge.
- (b) This component shall be calculated and assessed per pound (i.e., \$0.225 in FY 2011-12) of dry weight of BOD calculated from the average of sample results each month.

- (c) This component shall be calculated and assessed per pound (i.e., \$0.335 in FY 2011-12) of dry weight of TSS calculated from the average of sample results each month.
  - (d) This component for fixed costs (also known as Readiness to Serve) shall be assessed per MGD of owned pipeline/connection capacity per month.
  - (e) This component for fixed costs shall be assessed per MGD of owned treatment and disposal capacity per month.
  - (f) Future rates are for planning purposes only. The Commission will separately evaluate and set the rates annually for each FY.
2. Total flow for each discharger will be adjusted if flows at meter S-01 are higher than the aggregate of all the discharger flows.
  3. Actual OCSD charges for Flow, BOD, and TSS shall be “passed through” to dischargers after a 60-day notice.
  4. A sampling surcharge shall be applied to all BOD and TSS dischargers to account for the actual cost of necessary sampling and shall be assessed to all dischargers. Increased sampling is defined as any and all costs in excess of one sample per month. Increased sampling shall be determined solely by SAWPA and billed monthly. High BOD, TSS, or high variability dischargers will be sampled weekly or more frequently as required, and low BOD/TSS or low variability dischargers will be sampled monthly or quarterly as required to obtain reliable data.
  5. SAWPA will continue validation of wastewater measurements, sampling and analysis. Should an imbalance in BOD and TSS exist between the total of all dischargers and the SAWPA discharge to OCSD, the strength values for each discharger will be adjusted to fully allocate the imbalance. This adjusted strength will be used for determining discharger invoice amounts.
  6. The annual permit fee for each directly connected discharger shall be not less than \$500; additional permit fees may be charged for speculative or special permit work to cover actual costs and administration as determined by the SAWPA General Manager. The fee for a Liquid Waste Hauler permit shall be not less than \$200.
  7. Truck-delivered non-reclaimable wastewater discharges from sources within the Santa Ana River watershed at SAWPA-authorized truck dump stations shall be charged based on the strength of the waste discharged. Waste shall be charged \$0.010 per gallon of waste discharged to the Brine Line for Brine discharge (less than 100 milligrams per liter (mg/l) average concentration for BOD and TSS), \$0.014 per gallon of waste discharged to the Brine Line for Non-Brine Tier 1 discharge (concentration of BOD and/or TSS between 100 and 999 mg/l), and \$0.029 per gallon of waste discharged to the Brine Line for Non-Brine Tier 2 discharge (concentration of BOD and/or TSS between 1,000 and 2,499 mg/l). The applicable Tier rate is established by the higher concentration value for BOD or TSS. Discharges with BOD and/or TSS concentrations equal to or over 2,500 mg/l (Non-Brine Tier 3) shall be charged based on the measured strength for each load as defined by Note (b). Current and future estimated rates are shown below. All permitting, permit fees, monitoring, labor, and other costs are the responsibility of the member agency providing the service.

Waste Strength	BOD or TSS	
	Concentration	
Brine	Less than 100 mg/l	FY 2011-12 \$ 0.010
Non Brine Tier 1	100 to 999 mg/l	FY 2012-13 (a) \$ 0.011
Non Brine Tier 2	1,000 to 2,499 mg/l	\$ 0.014
Non Brine Tier 3	2,500 and higher	\$ 0.029
		(b)

(a) Future rate for planning purposes only. The Commission will separately evaluate and set the rates annually for each FY.

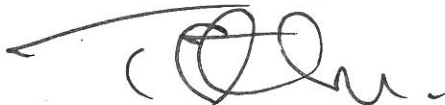
(b) Concentrations over 2,500 mg/l will be charged based on the actual concentration of the waste discharged using the following costs components: \$0.0026/gallon, \$0.617/pound of BOD, and \$0.576/pound of TSS.

8. If approved in the future by the Commission, truck-delivered non-reclaimable wastewater discharges from outside the Santa Ana River Watershed at SAWPA-authorized truck dump stations, shall be charged a surcharge of 10% on waste discharged to the Brine Line. This surcharge will be added to the rates indicated in paragraph 7 and represents the administrative costs associated with serving these customers. All permitting, monitoring, labor, and other costs are the responsibility of the Member Agency providing the service. Discharges from outside the watershed also shall require specific Commission approval.
9. An Emergency Rate shall be charged for standby discharges. The Emergency Rate shall be comprised of 110% of the surcharges in Paragraph 10, plus 110% of the Flow, BOD, and TSS charges in Paragraph 1. Surcharges shall be assessed for discharges in excess of the owned capacity, subject to General Manager's approval.
10. A treatment and disposal surcharge shall be charged when contractually owned capacity for BOD, TSS, and/or Flow is exceeded in any given month. Rates shall be \$0.3923 per pound BOD, \$0.2405 per pound TSS, and \$0.0020 per gallon Flow. These charges are in addition to the charges for Flow, BOD, and TSS outlined in Paragraph 1.
11. The provisions of SAWPA Ordinance No. 5 and any amendments or successors thereto, are hereby incorporated by this reference, as though set forth herein in full.
12. Payment of invoices not made within 45 days of the invoice date shall bear interest at a rate of one (1.0%) per month from the date of invoice.
13. The user's charges and surcharges established by this Resolution are effective July 1, 2011, and Resolution No. 2010-07 is rescinded once this Resolution takes effect.

**ADOPTED THIS** 21<sup>st</sup> day of June, 2011

**SANTA ANA WATERSHED PROJECT AUTHORITY**

BY:



Terry Catlin, Chair