

CRESTLINE SANITATION DISTRICT

MEMORANDUM

DATE: February 12, 2026

TO: BOARD OF DIRECTORS
Crestline Sanitation District

FROM: DAWN GRANTHAM
General Manager

SUBJECT: PUMPED WASTE PERMIT FEES FOR HOLDING TANKS

A. RECOMMENDATION

I recommend reviewing and possibly reducing the permit fee cost for holding tanks.

B REASON FOR RECOMMENDATION

It was brought to my attention that the increases have put a hardship on the waste pumpers and their customers that have holding tanks.

C. OTHER INFORMATION

The waste pumpers charge a flat rate for holding tanks (this includes the Districts' fees) and have not increased their cost. Holding tanks are typically pumped every 2 to 3 months, where as septic tanks are 3 to 5 years. We average an intake of approximately 25 holding tanks and 55 septic tanks every 3 months.

D. FISCAL INFORMATION

Since 2022 the permit fee has gone from \$35.00 to \$63.58, for both holding and septic tanks.

E. ATTACHMENTS

Holding Tank Report - Cost per Gallon
Pumped Waste Permit Fee Study
Pumped Waste Permit Fee Schedule for 2025 (from Wastewater Rules & Regs)
Spreadsheet showing cost for CSD, LACSD, and RSWD

Holding Report

Cost per gallon

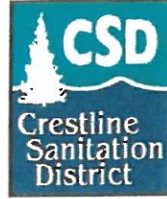
To determine the cost per gallon for our holding tank dumped waste, I first started by studying the report that we had prepared by Bartle Wells for our Septic fees.

We process our Holding tanks through the treatment process side of the plant, and not the solids processing side like we do with our Septic dumps, but the report provided a wealth of data that was very helpful in my calculations.

On average we process approximately 285,000 gallons of holding each year. That number is considerably less than 1% of our yearly flows, and the cost for treating these tanks is minimal. The main costs involved for treatment come from the small percentage of holding tanks that have to be sent directly to solids processing and therefore reflect a small percentage of those solids processing costs. The cost to clean or process Holding at the treatment side is roughly \$19.6/2000 gallons (\$.0098/Gallon).

Brandon Ricksecker, Operations Manager/CPO

02/12/2026



Crestline Sanitation District

2022 Pumped Waste Permit Fee Study

January 6, 2023



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1
Permit Cost Calculation
Pumped Waste Permit Fee Study
Crestline Sanitation District

Per Permit Costs

Permit Processing Cost	
Fully Burdened Hourly Rate (\$ per hour)	\$45.50
Permit Processing (Hours)	0.5
Processing Cost per Permit	\$22.75
Annual Monitoring Costs per Permit	
Monitoring Report to RWQCB (5 Hours)	\$228
Monitoring Wells and Creeks	\$16,705
Total Monitoring Cost	\$16,933
Average Annual Permits	470
Monitoring Cost per Permit	\$36.03
Annual Permit Fee	\$58.78

Calculated Annual Permit Fee Adjusted for Projected Inflation

Year 1 (2023)	\$58.78
Year 2 (2024)	\$61.13
Year 3 (2025)	\$63.58

Three Year Annual Permit Fee Phase-In

Existing Rate	\$35.00
Projected 2023	\$44.53
Projected 2024	\$54.06
Projected 2025	\$63.58

Table 2

Draft

Houston Treatment Plant Costs
Pumped Waste Permit Fee Study
Crestline Sanitation District

Houston Plant General & Administrative Expense

General & Administrative Expense Allocation	Total Budget	Collection	Treatment
Allocation Amount		<u>33.33%</u>	<u>66.67%</u>
General & Administrative Expense	\$965,466	\$321,822	\$643,644

General & Administrative Expense Allocation	Total Treatment	Other Treatment	Houston Plant
Total Treatment Gallons	387,280,000	<u>229,500,000</u>	<u>157,780,000</u>
Allocation Amount		<u>59.26%</u>	<u>40.74%</u>
Treatment General & Administrative Expense	\$643,644	\$381,420	\$262,224

Houston Plant Upgrade Debt Service Estimate	Amount
Project Cost	\$10,600,000
Issuance Cost	\$150,000
Total Issuance	\$10,750,000
SRF Interest Rate	1.50%
Loan Years	30
Annual Payment	\$447,621.27

Houston Plant Operating Expense Estimate	Amount
Houston Electrical Costs Annual	\$33,723
Operator Wages Annual	\$459,920
Houston Operating Permit	<u>\$7,928</u>
Total Houston Plant Operating Expense Estimate	\$501,571

Table 3 Draft
 Annual Septic Processing Costs
 Pumped Waste Permit Fee Study
 Crestline Sanitation District

Septic Processing Costs						
Average Gallons per run	Septic Gallons	Runs per year	KW per run	KW cost per hour	Hours per run	\$ Total
30,000	242,375	8.07917	144.33	\$0.8665	6	\$ 6,062.38 Energy Cost
Operator	Hours	Runs per year				\$ Total
\$35.23	6	8.07917				\$ 1,707.77 Labor
Polymer 55 gallon drum cost	Cost per gallon	Gallons per run	Hours per run			\$ Total
\$1,090.97	\$19.84	9	6			\$ 1,071.36 Chemical Cost
One stop price per ton	Tons per year					\$ Total
\$55.00	121.19					\$ 6,665.45 Disposal Fees
Hauling Time hours	Operator hourly	Trips				\$ Total
3	\$47.96	9				\$ 1,294.92 Hauling Fees
Fuel Cost per gallon	MPG	Miles for 8 runs				\$ Total
\$5.00	5	258.52				\$ 6,463.00 Fuel Cost
Septic Pump	Useful Life					\$ Total
\$37,712.50	15					\$ 2,514.17 Depreciation
Total						\$ Total \$ 25,779.05 Total

Table 4
Septic Rate Calculation
Pumped Waste Permit Fee Study
Crestline Sanitation District

Draft

Houston Plant Septage Rate Component

Functional Cost Allocation	Total	Flow	BOD	TSS
Allocation %	100%	50%	25%	25%
Annual Operating Permit	\$7,928	\$3,964	\$991	\$248
General & Administrative Expense	\$262,224	\$131,112	\$32,778	\$8,195
Plant Upgrade Debt Service Estimate	\$447,621	\$223,811	\$55,953	\$13,988
Total Cost	\$717,773	\$358,887	\$89,722	\$22,430

Unit Cost Calculation

	Gallons	Pounds	Pounds
Houston Plant Loading	157,780,000	412,209	339,776
Unit Rate	\$0.0023	\$0.2177	\$0.0660

Septage Unit Cost Calculation

	Total per Gallon	Gallons	Pounds	Pounds
Septic Loading		1.0000	0.0451	0.1002
Houston Septage Rate (\$ per Gallon)	\$0.0187	\$0.0023	\$0.0098	\$0.0066

Septic Specific Costs Rate Component

	Amount
Annual Septic Processing Costs	\$25,779
Septic Gallons	242,375
Septic Specific Rate \$ per Gallon	\$0.1064

Total Septic Rate Calculation

	Amount
	\$ per Gallon
Houston Septage Unit Rate	\$0.0187
Septic Unit Rate	\$0.1064
Total Septic Rate	\$0.1251

Calculated Septic Rate Adjusted for Projected Inflation

Year 1 (2023)	\$0.1251
Year 2 (2024)	\$0.1301
Year 3 (2025)	\$0.1353

Three Year Septic Rate Phase-In

Existing Rate	\$0.0725
Projected 2023	\$0.0934
Projected 2024	\$0.1143
Projected 2025	\$0.1353

Table 5

Draft

**Holding Fee Calculation
Pumped Waste Permit Fee Study
Crestline Sanitation District**

Holding Fee Cost (Treatment Component)	Amount
General & Administrative Expense	\$262,224
Plant Upgrade Debt Service Estimate	\$447,621
Houston Electrical Costs Annual	\$33,723
Operator Wages Annual	\$459,920
Houston Operating Permit	<u>\$7,928</u>
Total Houston Plant Operating Expense Estimate	\$1,211,416
Houston Plant Total Gallons Treated Annually	157,780,000
Annual Holding Gallons Treated	<u>285,000</u>
Annual Holding Gallons Treated	0.18%
Annual Holding Cost	<u>\$2,188</u>
Holding Permits	<u>133</u>
Per Holding Disposal Fee	\$16.45

Calculated Holding Disposal Fee Adjusted for Projected Inflation

Year 1 (2023)	\$16.45
Year 2 (2024)	\$17.11
Year 3 (2025)	\$17.79

Three Year Holding Disposal Fee Phase-In

Existing Rate	\$21.20
Projected 2023	\$20.06
Projected 2024	\$18.92
Projected 2025	\$17.79

Table 6
 Draft Phased-In Fee Table
 Pumped Waste Permit Fee Study
 Crestline Sanitation District

Draft Phased-In Pumped Waste Permit Fees	2023	2024	2025
Permit Fee	\$44.53	\$54.06	\$63.58
Septic Fee			
Septic Fee per Gallon:	\$0.0934	\$0.1143	\$0.1353
Gallons			
200	\$18.68	\$22.86	\$27.06
500	\$46.70	\$57.15	\$67.65
600	\$56.04	\$68.58	\$81.18
750	\$70.05	\$85.73	\$101.48
1,000	\$93.40	\$114.30	\$135.30
1,250	\$116.75	\$142.88	\$169.13
1,500	\$140.10	\$171.45	\$202.95
1,800	\$168.12	\$205.74	\$243.54
2,000	\$186.80	\$228.60	\$270.60
Holding Fee: Up to 2,000 gallons	\$20.06	\$18.92	\$17.79



BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

2625 Alcatraz Ave, #602
Berkeley, CA 94705
Tel 510 653 3399
www.bartlewells.com

DATE: January 6, 2023
TO: Rick Dever, General Manager, Crestline Sanitation District
FROM: Doug Dove, Principal Consultant
Erik Helgeson, Senior Project Manager
SUBJECT: Draft Pumped Waste Permit Fee Study

MEMORANDUM

Background

Bartle Wells Associates (BWA) was retained by Crestline Sanitation District (District) to update its pumped waste permit fees to reflect the current cost of service. BWA worked with District staff to compile the relevant information necessary to perform the calculations.

Cost per Pumped Waste Permit

In order to dispose pumped waste at the District's Houston Treatment Plant, the District requires a permit be purchased annually. BWA updated the permit fee by calculating the annual cost associated with each permit. The detailed calculations used to derive the fees are included in the attached tables.

Pumped Waste Fees

The following fees reflect the District's cost to process pumped waste. All customers paying a pumped waste fee must have also paid for a pumped waste permit. The detailed calculations used to derive the fees are included in the attached tables.

Treatment Cost

All pumped waste is processed at the District's Houston Treatment Plant. The Houston Treatment Plant cost per gallon of flow, pound of biochemical oxygen demand (BOD) and pound of total suspended solids (TSS) of waste treatment was calculated. Each of the following waste types was apportioned a treatment cost based on their estimated flows and loadings (BOD & TSS). Each waste type's BOD and TSS assumptions were based on the "Revenue Program Guidelines, State Water Resources Control Board."

Septic Fee

The Septic Fee recovers the cost of treating and handling septic waste which has much higher BOD and TSS concentrations than typical municipal waste. The fee was derived by calculating the cost per gallon for the specific septic infrastructure maintained by the District and the cost per gallon of treating septic waste at the Houston treatment plant.

Holding Fee

The Holding Fee recovers the cost of treating and handling holding waste which does not have measurable amounts of BOD and TSS and does not require separate infrastructure. The holding fee reflects the costs associated with treating holding wastewater at the Houston Treatment Plant.

Recommended Pumped Waste Fee Schedule

The following fee schedule shows the annual permit fee and the specific septic and holding fees phased-in from the existing fees to the calculated fees over three years.

Draft Phased-In Pumped Waste

<u>Permit Fees</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Permit Fee	\$44.53	\$54.06	\$63.58
Septic Fee			
Septic Fee per Gallon:	\$0.0934	\$0.1143	\$0.1353
Gallons			
200	\$18.68	\$22.86	\$27.06
500	\$46.70	\$57.15	\$67.65
600	\$56.04	\$68.58	\$81.18
750	\$70.05	\$85.73	\$101.48
1,000	\$93.40	\$114.30	\$135.30
1,250	\$116.75	\$142.88	\$169.13
1,500	\$140.10	\$171.45	\$202.95
1,800	\$168.12	\$205.74	\$243.54
2,000	\$186.80	\$228.60	\$270.60
<u>Holding Fee: Up to 2,000 gallons</u>	<u>\$20.06</u>	<u>\$18.92</u>	<u>\$17.79</u>

Conclusion

This update to the pumped waste permit fees will bring the fees in line with the District's costs associated with accepting, handling, and treating pumped waste. BWA recommends adjusting this fee annually based on the annual change in the CPI index to reflect cost inflation after the three-year phase-in.

PUMPED WASTE PERMIT FEE 03/01/2025 -

PERMIT FEE \$63.58

SEPTIC GALLONS	FEE	0.1353 PER GALLON
200	\$27.06	
250	\$33.83	
300	\$40.59	
325	\$43.97	
350	\$47.36	
400	\$54.12	
500	\$67.65	
750	\$101.48	
1000	\$135.30	
1250	\$169.13	
1500	\$202.95	

HOLDING TANK
UP TO 2000 \$17.79

BENNETT EXCAVATION
PO BOX 1520, CRESTLINE
909-338-2609

CRESTLINE PUMPING
PO BOX 9208, CEDARPINES PARK
909-338-6561

GOERING MOUNTAIN PORTABLE TOILETS
PO BOX 3756, CRESTLINE
909-338-4910

PUMPED WASTE CHARGES PER AGENCY

CRESTLINE SANITATION

	CHARGE	PERMIT	TOTAL
HOLDING UP TO 2000 GAL	\$17.79	\$63.58	\$81.37

LAKE ARROWHEAD CSD

	CHARGE	PERMIT	TOTAL
HOLDING UP TO 1000 GAL	\$50.00	\$0.00	\$50.00
HOLDING 1001 TO 2000 GAL	\$75.00	\$0.00	\$75.00

RUNNING SPRINGS WD

	CHARGE	PERMIT	TOTAL
HOLDING UP TO 2000 GAL	\$200.00	\$0.00	\$200.00

