

# PROJECTED MONTHLY OPERATIONAL COSTS: LA PRESA

Monthly Volume: **689,430 gal.**

	Monthly Cost \$
<b>Water Purchase</b>	<b>\$ 2,001.65</b>
Average Bill per Month	\$ 2,001.65
Average gallons per Month	689,430
Calculated Rate per gallon	\$ 0.0029033404
** @ Monthly Volume	2,002
<b>Labor</b>	<b>\$ 2,005.61</b>
Truck Driver Hourly Rate	\$ 16.00
No. of Tank Deliveries per Month	125.3509091
No. of Hours to deliver one Tank	1
Total No. of Hours to deliver water per month (80*3.83)	125.3509091
<b>Fuel</b>	<b>\$ 1,296.13</b>
Disel Fuel, Cost per Gallon	2
Gallons per Month	648
**110 gallons for 18 trips = 117,000 gallons of Water	
**110/117,000 = 0.000940 gallons of Diesel /gallon of Water	
**0.000940 / 1000 = 0.94 gallons of Diesel / per 1,000 gallons of Water	
<b>Maintenance</b>	<b>\$ 401.12</b>
Cost per Mile for Maintenance	\$ 0.15
Total cost per Month for Maintenance	\$ 300.84
Cost per Mile for Tire Replacement	\$ 0.05
Total cost per Month for Tire Replacement	\$ 100.28
Miles Driven to Dispenser	8
Miles Driven from Dispenser	8
Total Miles per one Tank Dispensed	16
No. of Deliveries per Month	125
Total Miles per Month	2,006
<b>Equipment Replacement</b>	<b>\$ 2,947.92</b>
Tractor Truck Cost	\$ 130,000.00
Capital Projected Operational Terms (Tractor Truck)	5 years
Replacement Cost per Year	\$ 26,000.00
Replacement Cost per Month	\$ 2,166.67
Tanker Cost	\$ 75,000.00
Capital Projected Operational Terms (Tanker)	8 years
Replacement Cost per Year	\$ 9,375.00
Replacement Cost per Month	\$ 781.25
<b>TOTAL</b>	<b>\$ 8,652.43</b>

**COST OF OPERATION per gallon: (\$8652.43 / 689,430) \$ 0.01255**

**COST OF OPERATION per 1000 gallon:  
(\$0.01255 \*1000) \$ 12.55012**

OPERATIONAL COST per 150 gallons \$ 1.88

0.000405826