

2014 Lake Debris

Financial Summary

EXPENSES	
Staff Costs: Dredger 58.5 hours @ \$36/hr	\$2,106.00
Assistant Dredger 55.5 hours @ \$17.50/hr	\$971.25
Fuel (Estimated)	7 Gallons/hour @ \$3.23/gallon x 45 hours= \$1,017.45
Contractual / Rental Services	\$1,143.02
Grand Total	\$5,237.72

Note: 2013 Grand Total - \$8,147.10

Debris Removal - East End of Long Causeway / Point Idalawn

Staff Cost	Contractual	Rental	Total
\$304.00	\$700.00	\$443.02	\$1,447.02

2014	2013
\$1,447.02	\$3,000.00

2014 Shore-Line Stabilization (Rip-Rap)

Financial Summary

Service Zone (District)	Total Tons (Rip-Rap) Stone	Total Linear Feet
111 (I)	160.09	102'
122 (IV)	99.82	130'
123 (IV)	160.25	171'
125 (IV)*	60.33*	180'*
127 (IV)	101.86	117'
Total	60.33 City 522.02 Private 582.35	180' City 620' Private 700'

*: CBU Shore-line

Total Cost of Rip-Rap Stone: \$9,201.13
 LLCD Cost of Rip-Rap Stone (CBU Property): \$953.21
 Total Staff Costs: \$1,551.50 (29 Hours @ \$36/hour),
 (29 Hours @ \$17.50/hour)
 Total Fuel (estimated): \$655.69
 (7 Gallons/hour @ \$3.23/gallon x 29 hours)

Total Cost: \$11,417.32
Private Cost: \$10,547.92*

*: The LLCD for 2014 primarily did private shoreline stabilization. This is effectively cost neutral for the LLCD.

Attachment "C"

2014 Sediment Removal

Financial Summary

Personnel Costs	Actual 2014	Budgeted 2014
Dredger 381 Hours @ \$36/Hr.	\$13,716.00	\$21,600.00
Assistant Dredger 355.5 Hours @ \$17.50/Hr.	\$6,221.25	\$10,500.00
Total Personnel	\$19,937.25	\$32,100.00

Supply Costs	Actual 2014	Budgeted 2014
Diesel Fuel	\$5,695.76	\$14,000.00
Dredging Supplies	\$16,855.13	\$9,000.00
Total Supply Cost	\$22,550.89	\$23,000.00

Services & Charges	Actual 2014	Budgeted 2014
Insurance	\$8,356.00	\$8,356.00
Repair/Maintenance	\$4,557.24	\$7,000.00
Loan Service	\$69,141.00	\$46,000.00
Total Services & Charges	\$82,054.24	\$61,356.00

Grand Total	Actual 2014	Budgeted 2014
	\$124,542.38	\$116,456.00

Attachment "D"

2014 Possom Trot Disposal Site Preparation

Financial Summary

Category	Cost
2014 Expenses	
Staff Dredger	\$7,587.00 (210.75 Hours @ \$36.00/hr)
Assistant Dredger	\$2,940.00 (168 Hours @ \$17.50/hr)
Total Staff Costs	\$10,527.00
Supplies Stone	\$257.92
Diesel (estimated) (7 gal/hr @ \$3.23/gal x 110 hrs)	\$2,487.10
Contractual Equipment Rental	\$1,198.00
Total Supply/Contractual Costs	\$3,943.02
2014 Grand Total	\$14,470.02

Other Staff Costs

Equipment Maintenance

Dredger (83.5 Hours @ \$36.00/hr) = \$3,006.00
 Assistant Dredger (34.75 Hours @ \$17.50) = \$608.13
 Total = **\$3,614.13**

Private Dredging

Dredger (24 Hours @ \$36.00/hr) = \$864.00
 Assistant Dredger (24 Hours @ \$17.50/hr) = \$420.00
 Total = **\$1,284.00***

Office Work

Dredger (23 Hours @ \$36.00/hr) = \$828.00
 Assistant Dredger (4 Hours @ \$17.50/hr) = \$70.00
 Total = **\$898.00**

*: Private Dredging is effectively cost neutral for the LLCD

2014 Sediment Removal Program Summary				
Priority	Service Area	Y3 Removed	Description	% Completed
1	130	7,300 Y3	North East Shoreline of Reed Point (VI)	100%
2	302	4,500 Y3	Access Channel Leading to Pt. Idalawn (VI)	100%
n/a	130	700 Y3	Private (VI)	100%

Cubic Yard Cost

Cost per Cubic Yard based on 2014 Sediment Removal Financial Summary

$(\$101,401.38 \div 11,800 \text{ Y3}) = \mathbf{\$8.59}$ per Cubic Yard

Cost per Cubic Yard based on 2014 Sediment Removal Financial Summary plus 2015 Dredging Loan Premiums

$(\$124,542.38 \div 11,800 \text{ Y3}) = \mathbf{\$10.55}$ per Cubic Yard

Cost per Cubic Yard based on 2014 Sediment Removal Financial Summary plus 2015 Dredging Loan Premiums plus Disposal Site Preparation

$[(\$124,542.38 + \$14,470.02) \div 11,800 \text{ Y3}] = \mathbf{\$11.78}$ per Cubic Yard