

CITY OF RYE DREDGE UPDATE



September 14, 2022



DREDGE EXPENSE BREAKDOWN

	Basin Dredge		Channel Dredge
	20,000	15,000	21,000
Equipment Mobilization (1)	20.85	23.75	20.36
Dredge (\$/y3)	90.00	90.00	45.00
Disposal (\$/y3)	95.00	95.00	
Docks/Pilings Removal (\$165k)	8.25	11.00	
Total \$/y3	<u>\$214.10</u>	<u>\$219.75</u>	<u>\$65.36</u>
Total \$mm	4,282,000	3,296,250	1,372,560

(1) Total mobilization for Basin/Channel Dredge is \$855k; apportioned based upon % of total dredged in each area (15k dredge in Basin is 41.66% of total; 20k dredge in Basin is 48.78% of total)



BASIN DREDGE SCENARIOS

Dredge Cubic Yards \$/Yrds	July 20, 2022		September 6, 2022 Update	
	20,000 180	15,000 180	20,000 214	15,000 220
Gross Dredge Expense (\$)	3,600,000	2,700,000	4,282,600	3,296,250
Basin Fund Balance (\$)	3,510,000	3,510,000	3,050,000	3,050,000
Unfunded Dredge Cost (\$)	(90,000)	NA	(1,232,000)	(246,250)
Annual Debt Service (\$)	(18,000)		(246,400)	(49,250)
Basin Net Incomes (\$)	<u>584,000</u>	<u>584,000</u>	<u>490,000</u>	<u>490,000</u>
Net Income after D/S (\$)	566,000	584,000	243,600	440,750
Pro forma 5 Year Fund Balance (\$)				
	2,830,000	3,730,000	1,218,000	1,957,500
Pro forma 5 Year Dredge (yrds)	14,150	18,650	6,090	9,788
Annual Silting Amount (yrds)	2,500	2,500	2,500	2,500
5 Year New Accumulation (yrds)	12,500	12,500	12,500	12,500
Net 5 year Dredge Benefit (yrds)	1,650	6,150	(6,410)	(2,713)
Next 5 Year Dredge Benefit (yrds)	21,650	21,150	13,590	12,288