

TOTAL SEWER SYSTEM ESTIMATED COSTS

Based upon 2009 Woodard & Curran Facilities Plan
with PCC Calculations and estimates on hook-up costs

Project Cost	Bond Interest Cost (Subsidized)	Total Bond Cost to Town	Number of Connections	Total Town Interest with State Subsidy	Annual Average Bond Cost (Homeowner)	Hook-Up Cost per Unit (Homeowner)	Total Hook-Up Cost	Annual System Operating Costs	Total Annual Unit O & M Costs	Average Hook-up Cost	Average First Year Unit Cost	Average Following Year Unit Costs
\$109,861,278	6.20%	\$181,380,970	4916	\$36,582,000	\$1,628	varies*	\$16,970,100	\$2,000,000	\$406.83	\$3,452.01	\$5,487	\$2,035

Bond Duration **20**

Capital Costs by Area

North End	\$61,000,000
West Side	\$48,861,278
Total	\$109,861,278

Failure to Build Out Costs

	Initial Hookups	Full Build Out	
North End	1729	2024	295
West Side	1761	2878	1117
Total	3490	4902	1412
Avg. Cost Per Lot		\$68,295	

Annual System Operating Costs

Costs	Number	Rate	Total
Incomplete			
Employees Salaries	9		
Employee Benefits	9		
Office Utilities			
Vehicles			
Office Supplies			
Fuel			

PCC Estimate:	\$2,000,000
Annual Interest and Principal	\$8,000,000
Total	\$10,000,000

Est. 2009 - 2010 Real/Personal Property net Tax Base	\$3,650,954,196
State Limit on Total Town Indebtedness:	3.00%
Current town debt total:	\$21,000,000
Project Principal:	\$109,861,278
Total	\$130,861,278

*North End Costs For Each Hookup (EDU)			First Year Costs		
Island Park	\$10,000	675	\$6,750,000	Island Park	\$12,046
Hummocks	\$10,000	96	\$960,000	Hummocks	\$12,046
Portsmouth Park	\$2,500	302	\$755,000	Portsmouth Park	\$4,546
West of Chase Rd.	\$2,500	97	\$242,500	West of Chase Rd.	\$4,546
Common Fence Point	\$10,000	816	\$8,160,000	Common Fence Point	\$12,046
Bristol Ferry/Bay View	\$2,700	38	\$102,600	Bristol Ferry/Bay View	\$4,746
Total		2024	\$16,970,100		

*West Side Costs For Each Hookup (EDU)			First Year Costs		
West Side	\$1,300	2726	\$3,543,800	West Side	\$3,346
Redwood Farms	\$2,500	132	\$330,000	Redwood Farms	\$4,546
Arnold's Point	\$10,000	34	\$340,000	Arnold's Point	\$12,046
Total		2892	\$4,213,800		

Total System Cost

Bond	\$181,380,970
Hook-up	\$16,970,100
O&M for 20 Years	\$40,000,000
Total	\$238,351,070
Average Cost Per Lot	\$48,484.76

Cost w/o Hook-up	\$221,380,970
Cost w/o Hook-up (Av)	\$45,033

\$2,034

CFP & Island Park Hook-up Costs

PCC Estimates	
Grinder Pump	7000
Trenching	1500
Hookup	500
Holding Tank (optional)	2000
Destruction of Existing Septic/Cess-pool System	1000
Total	10000
Interfacing with other utilities	TBD

Private Annual Maintenance Costs

Grinder Pump Maintenance

Portsmouth Population:	18000
Per capita Debt	\$7,270.07