

WASTEWATER PRESENTATION

February 23, 2010

Attachments

1. Stearns and Wheler Full Cost Estimates
2. Full Phase 1 Amortization Schedule, 0% SRF
3. Full Phase 1 Amortization Schedule, 2% SRF
4. Amortization Summary, Including Over/Under, Excess Revenue, 0% SRF
5. Amortization Summary, Including Over/Under, Excess Revenue, 2% SRF
6. Over/under Summary
7. Excess Revenue Summary
8. O & M by Sewershed
9. Tax Impact, 0% SRF
10. Tax Impact, 2% SRF

2/24/10 Update

- 1. Titles on a number of Attachments have been clarified to indicated that all Phase 1 costs are included.**
- 2. Attachment #9 (Tax Impact, 0% SRF) & 10 (Tax Impact, 2% SRF) have been updated by modifying the column headings for clarity.**
- 3. The “Total”, “Average per Year” and “Average per Month” in Attachments #9 & #10 have been revised slightly to account for a spreadsheet error. This has resulted in the “Average per Year” and “Average per Month” being marginally lower.**



Town of Chatham
Department of
Health and Environment

Health
(508) 945-5165

Water Quality Laboratory
(508) 945-5188

Conservation
(508) 945-5164



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FAX (508) 945-1671

Location: 1455 Main Street, WEST CHATHAM

Mailing Address: 549 Main Street CHATHAM, MA 02633

Memorandum

TO: William Hinchey, Town Manager

CC: Nancy Geiger, Town Accountant

FROM: Robert Duncanson, Ph.D. 
Director of Health & Environment

DATE: January 20, 2010

RE: Wastewater Costs

In follow-up to our meeting yesterday attached find several tables from the Final Comprehensive Wastewater Management Plan which document the estimated project costs:

1. Table 9-3 shows the detail of the estimated costs for the wastewater treatment plant; Phase 1 Estimated Capital Cost \$40,000,000; Phase 2 additional Estimated Capital Cost \$10,000,000.
2. Table 9-7 shows the detail of the Estimated Capital Costs for those sewersheds necessary to meet the TMDLs; Estimated Capital Cost \$170,000,000.
3. Table 9-8 shows the detail Estimated Capital Costs for the proposed town-wide sewer expansion; Estimated Capital Cost \$250,000,000.
4. Table 11-1 shows the Plan Cost Summary; note this Table includes O&M.

Summarizing this information for Capital Costs:

Phase 1 Collection System	\$170,000,000 (Table 9-7)
Phase 1 WWTF	\$40,000,000 (Table 9-3)
Subtotal	\$210,000,000
Phase 2 Collection System	\$80,000,000 (Table 9-8 minus Table 9-7)
Phase 2 WWTF	\$10,000,000 (Table 9-3 difference between Alt. 3 and 4)
Subtotal	\$90,000,000

Project Total \$300,000,000 (reference date May 2007)

**TABLE 9-3
COST ESTIMATE FOR CHATHAM WWTF IMPROVEMENTS**

DESCRIPTION	COST ⁽¹⁾⁽³⁾	COST ⁽²⁾⁽³⁾
	Alternative 3 (Phase 1)	Alternative 4 (Phase 2)
Preliminary Treatment		
Headworks	\$1,700,000	\$1,700,000
Activated Sludge Secondary Treatment System		
Oxidation Ditch (ORBAL)	\$4,100,000	\$5,700,000
Clarifier Flow Distribution Box and Scum Pumping	\$210,000	\$230,000
RAS & WAS	\$1,800,000	\$2,000,000
Clarifiers	\$2,000,000	\$3,000,000
Methanol Storage/Feed System	\$180,000	\$180,000
Filtration		
Denitrification Filters	\$2,500,000	\$2,700,000
Recycle Flows		
Recycle Pump Station	\$200,000	\$200,000
Flow Monitoring and Disinfection		
Effluent Flow Monitoring and Disinfection	\$790,000	\$820,000
Odor Control		
Odor Control	\$340,000	\$400,000
Solids Handling		
Sludge Holding Tank and Equipment	\$420,000	\$1,100,000
Solids Processing Building and Equipment	\$730,000	\$1,900,000
Electrical Power Distribution and Auxiliary Power		
Major Electrical Power Distribution	\$1,800,000	\$1,800,000
Instrumentation		
Major Instrumentation/SCADA	\$720,000	\$720,000
Buildings		
Chemical Storage/Feed System (Caustic, Hypo, Blowers & Compressor)	\$400,000	\$400,000
Operations Building	\$3,200,000	\$3,200,000
General modifications to existing buildings	\$220,000	\$220,000
Treated Water Recharge		
Sand Beds	\$800,000	\$1,200,000
Other		
Yard piping	\$1,500,000	\$1,900,000
General Electrical and Instrumentation	\$2,500,000	\$3,000,000
Site work	\$880,000	\$1,100,000
HVAC	\$640,000	\$790,000
Painting, Plumbing	\$430,000	\$530,000
Miscellaneous Metals	\$320,000	\$390,000
Construction Cost Subtotal	\$28,400,000	\$35,200,000
Contingency (20%)	\$5,700,000	\$7,000,000
Design Engineering	\$1,600,000	\$2,000,000
Fiscal, Legal and Engineering (15%)	\$4,300,000	\$5,300,000
Total Project Cost ⁽⁴⁾⁽⁵⁾⁽⁶⁾	\$40,000,000	\$49,500,000

Note:

- Alternative 3 is for the Phase 1 Improvements to allow sewer extension to meet the Nitrogen TMDLs in the future.
- Alternative 4 is for Phases 1 and 2 to allow sewer extension Town-wide.
- All costs are referenced to construction in May 2007 based on Engineering News Record (ENR) index of 7942. Costs must be increased by a ratio of the appropriate ENR indices for construction costs in subsequent years.
- Costs do not include any allowance for vehicles.
- Borings and a survey were not part of the scope of the project. Information obtained when this work is conducted could result in cost increases.
- All costs (except construction costs subtotal and total) are rounded to 2 significant digits.

TABLE 9-7

SEWERSHEDS NECESSARY TO ACHIEVE TMDL GOALS ⁽¹⁾

SEWERSHED	Estimated Wastewater Flows (gpd)				Estimated Capital Cost
	Average Annual Existing (NO I/I)	Average Annual Build-Out (No I/I)	I/I Total ⁽³⁾	Average Annual Build-Out (with I/I)	
3	22,000	32,000	16,000	48,000	\$ 7,800,000.00
4	6,100	9,400	4,600	14,000	\$ 2,200,000.00
5	3,600	5,300	2,700	8,000	\$ 1,400,000.00
6	6,300	9,800	3,000	13,000	\$ 2,300,000.00
7	9,000	11,000	9,100	20,000	\$ 4,300,000.00
8	5,100	6,600	3,900	11,000	\$ 2,000,000.00
9	7,200	9,000	4,300	13,000	\$ 2,300,000.00
10	6,600	7,600	5,000	13,000	\$ 2,000,000.00
11	18,000	21,000	12,000	33,000	\$ 4,500,000.00
14	14,000	16,000	8,400	25,000	\$ 3,700,000.00
17	15,000	19,000	11,000	30,000	\$ 4,400,000.00
18	4,700	6,900	4,300	11,000	\$ 1,800,000.00
20	38,000	48,000	21,000	68,000	\$ 8,300,000.00
27	19,000	23,000	8,100	31,000	\$ 3,300,000.00
29	5,300	6,600	2,100	8,700	\$ 1,000,000.00
30	24,000	31,000	6,200	37,000	\$ 5,300,000.00
31	15,000	18,000	5,000	23,000	\$ 3,900,000.00
33	3,800	4,700	3,300	8,000	\$ 1,500,000.00
34	13,000	21,000	4,000	25,000	\$ 3,700,000.00
35	9,400	14,000	5,100	19,000	\$ 2,600,000.00
36	7,800	13,000	5,200	18,000	\$ 2,200,000.00
37	35,000	48,000	16,000	63,000	\$ 7,000,000.00
38	7,900	9,700	5,600	15,000	\$ 2,500,000.00
39	10,000	14,000	6,300	20,000	\$ 2,800,000.00
40	7,200	8,600	4,800	13,000	\$ 2,500,000.00
41	7,700	11,000	7,900	19,000	\$ 2,800,000.00
43	33,000	48,000	19,000	67,000	\$ 7,700,000.00
44	7,300	12,000	5,600	17,000	\$ 3,800,000.00
45	3,700	5,800	3,500	9,000	\$ 1,400,000.00
46	15,000	23,000	12,000	34,000	\$ 3,800,000.00
47	4,100	7,600	3,300	11,000	\$ 1,500,000.00
48	7,200	9,400	2,600	12,000	\$ 1,900,000.00
50	21,000	29,000	12,000	41,000	\$ 4,500,000.00
51	25,000	31,000	10,000	41,000	\$ 4,000,000.00
52	6,300	10,000	4,300	14,000	\$ 2,300,000.00
56	17,000	24,000	12,000	36,000	\$ 4,700,000.00
59	9,700	18,000	7,500	25,000	\$ 3,300,000.00
63	7,200	10,000	3,800	14,000	\$ 1,500,000.00
67	3,400	5,200	2,900	8,000	\$ 1,200,000.00
68	1,200	2,300	1,900	4,000	\$ 1,100,000.00
69	1,700	2,500	1,300	4,000	\$ 800,000.00
70	1,400	2,600	1,500	4,000	\$ 800,000.00
71	9,900	12,000	6,100	18,000	\$ 2,600,000.00
72	1,400	2,100	1,700	4,000	\$ 1,000,000.00
73	21,000	25,000	11,000	35,000	\$ 5,900,000.00
74	3,400	4,000	2,800	7,000	\$ 1,300,000.00
75	6,300	8,600	5,200	14,000	\$ 2,300,000.00
76	4,900	5,400	1,500	7,000	\$ 900,000.00
77	4,500	6,900	3,700	11,000	\$ 1,700,000.00
79	3,000	4,100	1,400	6,000	\$ 1,000,000.00
80	3,100	4,200	1,500	6,000	\$ 900,000.00
CTE-1	11,000	13,000	4,500	18,000	\$ 2,800,000.00
CTE-2	6,100	7,800	3,400	11,000	\$ 2,700,000.00
CTE-3	650	690	300	1,000	\$ 1,700,000.00
CTE-4	4,900	6,500	1,000	8,000	\$ 2,100,000.00
CTE-5	11,000	13,000	5,700	19,000	\$ 3,300,000.00
CTE-6	970	1,200	400	2,000	\$ 1,700,000.00
CTE-7	2,600	3,200	800	4,000	\$ 2,100,000.00
CTE-8	840	1,300	900	2,000	\$ 1,900,000.00
CTE-12	610	900	900	2,000	\$ 1,800,000.00
CTE-14	10,200	12,000	4,200	16,000	\$ 2,800,000.00
Sewershed Total	590,000	800,000	340,000	1,100,000	\$ 170,000,000.00
Existing Sewered Parcel	100,000	110,000	20,000	130,000	
Downtown infilling ⁽⁵⁾	7,700	9,800	0	9,800	
Bailey's Path ^{(4) (6)}	0	2,500	0	2,500	
CBI ⁽⁴⁾	14,000	14,000	1,500	15,000	
Laundrymat Dev.	560	1,600	400	2,100	
TOTAL	710,000	940,000	360,000	1,300,000	\$ 170,000,000.00

Notes:

1. All values rounded to two significant figures
2. Costs based on May 2007 (ENR index of 7942)
3. Total I/I includes I/I estimates for both sewers and lateral connections from the property.
4. Flows from these properties are currently being served by "cluster" systems and therefore are included with other existing sewered facilities.
5. No I/I estimated for infilling as the estimates for I/I are included with the existing collection system flows.
6. Bailey's Path has no estimated I/I because it is a presure sewer system where I/I is expected to be minimal based on the type of technology.

TABLE 9-8

SEWERSHED ESTIMATED WASTEWATER FLOWS AND CAPITAL COSTS ⁽¹⁾

SEWERSHED	Estimated Wastewater Flows (gpd)				Estimated Capital Cost ⁽²⁾
	Average Annual Existing (NO I/I)	Average Annual Build-Out (No I/I)	I/I Total ⁽³⁾	Average Annual Build-Out (with I/I)	
1	9,700	12,000	5,800	18,000	\$ 2,300,000.00
2	21,000	29,000	12,000	41,000	\$ 5,000,000.00
3	22,000	32,000	16,000	48,000	\$ 7,800,000.00
4	6,100	9,400	4,600	14,000	\$ 2,200,000.00
5	3,600	5,300	2,700	8,000	\$ 1,400,000.00
6	6,300	9,800	2,900	13,000	\$ 2,300,000.00
7	9,000	11,000	9,100	20,000	\$ 4,300,000.00
8	5,100	6,600	3,900	11,000	\$ 2,000,000.00
9	7,200	9,000	4,300	13,000	\$ 2,300,000.00
10	6,600	7,600	5,000	13,000	\$ 2,000,000.00
11	18,000	21,000	12,000	33,000	\$ 4,500,000.00
12	10,000	13,000	5,900	18,000	\$ 2,800,000.00
13	13,000	17,000	5,600	23,000	\$ 3,000,000.00
14	14,000	16,000	8,400	25,000	\$ 3,700,000.00
15	10,000	12,000	5,800	18,000	\$ 2,600,000.00
16	6,700	7,400	3,200	11,000	\$ 2,200,000.00
17	15,000	19,000	11,000	30,000	\$ 4,400,000.00
18	4,700	6,900	4,300	11,000	\$ 1,800,000.00
19	23,000	26,000	6,600	32,000	\$ 3,700,000.00
20	38,000	48,000	21,000	68,000	\$ 8,300,000.00
21	15,000	19,000	4,100	23,000	\$ 1,800,000.00
22	6,700	8,500	7,100	16,000	\$ 3,500,000.00
23	12,000	20,000	5,300	25,000	\$ 3,000,000.00
24	9,400	15,000	6,500	22,000	\$ 3,000,000.00
25	18,000	19,000	5,600	25,000	\$ 2,700,000.00
26	10,000	13,000	4,700	18,000	\$ 2,000,000.00
27	19,000	23,000	8,100	31,000	\$ 3,300,000.00
28	11,000	14,000	5,800	19,000	\$ 2,800,000.00
29	5,300	6,600	2,100	8,700	\$ 1,000,000.00
30	24,000	31,000	6,200	37,000	\$ 5,300,000.00
31	15,000	18,000	4,800	23,000	\$ 3,900,000.00
32	4,500	5,400	2,300	7,600	\$ 1,000,000.00
33	3,800	4,700	3,300	8,000	\$ 1,500,000.00
34	13,000	21,000	4,000	25,000	\$ 3,700,000.00
35	9,400	14,000	5,100	19,000	\$ 2,600,000.00
36	7,800	13,000	5,200	18,000	\$ 2,200,000.00
37	35,000	48,000	16,000	63,000	\$ 7,000,000.00
38	7,900	9,700	5,600	15,000	\$ 2,500,000.00
39	10,000	14,000	6,300	20,000	\$ 2,800,000.00
40	7,200	8,600	4,800	13,000	\$ 2,500,000.00
41	7,700	11,000	7,900	19,000	\$ 2,800,000.00
42	3,800	5,500	3,000	8,500	\$ 1,300,000.00
43	33,000	48,000	20,000	67,000	\$ 7,700,000.00
44	7,300	12,000	5,600	17,000	\$ 3,800,000.00
45	3,700	5,800	3,500	9,300	\$ 1,400,000.00
46	15,000	23,000	12,000	34,000	\$ 3,800,000.00
47	4,100	7,600	3,300	11,000	\$ 1,500,000.00
48	7,200	9,400	2,600	12,000	\$ 1,900,000.00
49	6,800	9,000	3,500	13,000	\$ 1,500,000.00
50	21,000	29,000	12,000	41,000	\$ 4,500,000.00
51	25,000	31,000	10,000	41,000	\$ 4,000,000.00
52	6,300	10,000	4,300	14,000	\$ 2,300,000.00
53	14,000	22,000	7,800	29,000	\$ 3,900,000.00
54	5,300	8,500	4,400	13,000	\$ 1,700,000.00
55	4,600	7,900	3,200	11,000	\$ 1,500,000.00
56	17,000	24,000	12,000	36,000	\$ 4,700,000.00
57	5,600	7,100	3,000	10,000	\$ 1,300,000.00
58	2,000	2,700	700	3,500	\$ 700,000.00
59	9,700	18,000	7,500	25,000	\$ 3,300,000.00
60	2,800	4,000	1,900	5,900	\$ 1,200,000.00
61	10,000	16,000	6,700	23,000	\$ 2,800,000.00
62	4,000	7,200	4,400	12,000	\$ 1,800,000.00
63	7,200	10,070	3,800	14,000	\$ 1,500,000.00
64	2,900	4,000	2,300	6,300	\$ 1,200,000.00
65	2,800	4,100	2,000	6,100	\$ 1,000,000.00
66	13,000	22,000	14,000	35,000	\$ 4,900,000.00
67	3,400	5,200	2,900	8,000	\$ 1,200,000.00
68	1,200	2,300	1,900	4,200	\$ 1,100,000.00
69	1,700	2,500	1,200	3,800	\$ 800,000.00
70	1,400	2,600	1,500	4,100	\$ 800,000.00
71	9,900	12,000	6,100	18,000	\$ 2,600,000.00
72	1,400	2,100	1,700	3,800	\$ 1,000,000.00
73	21,000	25,000	11,000	35,000	\$ 5,900,000.00
74	3,400	4,000	2,800	6,800	\$ 1,300,000.00
75	6,300	8,600	5,200	14,000	\$ 2,300,000.00
76	4,900	5,400	1,600	7,000	\$ 900,000.00
77	4,500	6,900	3,700	11,000	\$ 1,700,000.00
78	4,400	6,900	3,600	10,000	\$ 1,400,000.00
79	3,000	4,100	1,400	5,600	\$ 1,000,000.00
80	3,100	4,200	1,500	5,700	\$ 900,000.00
CTE-1	11,000	13,000	4,500	18,000	\$ 2,800,000.00
CTE-2	6,100	7,800	3,400	11,000	\$ 2,700,000.00
CTE-3	650	700	300	960	\$ 1,700,000.00
CTE-4	4,900	6,500	1,000	7,500	\$ 2,100,000.00
CTE-5	11,000	13,000	5,700	19,000	\$ 3,300,000.00
CTE-6	1,000	1,200	400	1,600	\$ 1,700,000.00
CTE-7	2,600	3,200	800	4,000	\$ 2,100,000.00
CTE-8	840	1,300	900	2,300	\$ 1,900,000.00
CTE-9	12,000	15,000	7,400	23,000	\$ 3,800,000.00
CTE-10	23,000	30,000	15,000	45,000	\$ 5,900,000.00
CTE-11	240	600	300	940	\$ 1,700,000.00
CTE-12	610	890	900	1,700	\$ 1,800,000.00
CTE-13	1,800	2,300	1,400	3,800	\$ 1,900,000.00
CTE-14	10,000	12,000	4,200	16,000	\$ 2,800,000.00
Sewershed Total	890,000	1,200,000	510,000	1,700,000	\$ 250,000,000.00
Existing Sewered Parcel	100,000	110,000	20,000	130,000	
Downtown infilling ⁽⁵⁾	8,000	9,800	0	9,800	
Baileys Path ⁽⁴⁾⁽⁶⁾	0	2,500	0	2,500	
CBI ⁽⁴⁾	14,000	14,000	1,500	15,000	
Laundrymat Dev.	560	1,600	500	2,100	
TOTAL	1,000,000	1,300,000	530,000	1,900,000	\$ 250,000,000.00

Notes:

1. All values rounded to two significant figures
2. Costs based on May 2007 (ENR index of 7942)
3. Total I/I includes I/I estimates for both sewers and lateral connections from the property.
4. Flows from these properties are currently being served by "cluster" systems and therefore are included with other existing sewered facilities.
5. No I/I estimated for infilling as the estimates for I/I are included with the existing collection system flows.
6. Bailey's Path has no estimated I/I because it is a pressure sewer system where I/I is expected to be minimal based on the type of technology.

TABLE 11-1

RECOMMENDED PLAN COST SUMMARY⁽¹⁾⁽²⁾

DESCRIPTION	PHASE 1	PHASE 2 (INCLUDES PHASE 1 COSTS)
Collection System Construction Cost ⁽³⁾	\$ 110,000,000	\$ 170,000,000
Collection System Contingency (25%)	\$ 28,000,000	\$ 42,000,000
Collection System Design Engineering	\$ 11,000,000	\$ 17,000,000
Fiscal, Legal and Construction Engineering (15%)	\$ 17,000,000	\$ 25,000,000
Collection System Design/Construction Subtotal	\$ 170,000,000	\$ 250,000,000
Estimated Collection System Operation & Maintenance Costs (annual)	\$ 900,000	\$ 1,400,000
Collection System Operation & Maintenance Costs (present value²)	\$ 13,000,000	\$ 20,000,000
Collection System Total	\$ 180,000,000	\$ 270,000,000
WWTF Construction Costs ⁽⁴⁾	\$ 28,000,000	\$ 35,000,000
WWTF Contingency (20%)	\$ 5,700,000	\$ 7,000,000
WWTF Design Engineering	\$ 1,600,000	\$ 2,000,000
Fiscal, Legal and Construction Engineering (15%)	\$ 4,300,000	\$ 5,400,000
WWTF Design/Construction Subtotal	\$ 40,000,000	\$ 50,000,000
Estimated WWTF Operation & Maintenance Costs (annual)	\$ 1,000,000	\$ 1,200,000
WWTF Operation & Maintenance Costs (present value²)	\$ 15,000,000	\$ 18,000,000
WWTF TOTAL	\$ 55,000,000	\$ 67,000,000
TOTAL	\$ 240,000,000	\$ 340,000,000
Note: 1. Costs are based on May 2007 and an ENR of 7942. 2. Costs rounded to two significant figures. 3. Costs include grinder pumps and grinder pump connection to sewer (purchased and installed). 4. Costs include new treated water recharge beds.		

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Principle and Interest Amortization
(0% and 2% SRF Interest Rate for Collection System)

Fiscal Year	Collection System Phase 3						Collection System Phase 4						Collection System Phase 5						Collection System Phase 6					
	Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 0% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 0% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate		
	Total	Principle	Interest	Total	Principle	Interest	Total	Principle	Interest	Total	Principle	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest
2008																								
2009																								
2010																								
2011																								
2012																								
2013																								
2014																								
2015																								
2016																								
2017																								
2018																								
2019																								
2020	\$177,666	\$86,666	\$91,000	\$466,666	\$466,666	\$0																		
2021	\$174,633	\$86,666	\$87,967	\$466,666	\$466,666	\$0																		
2022	\$171,599	\$86,666	\$84,933	\$466,666	\$466,666	\$0	\$177,666	\$86,666	\$91,000	\$466,666	\$466,666	\$0												
2023	\$168,566	\$86,666	\$81,900	\$466,666	\$466,666	\$0	\$174,633	\$86,666	\$87,967	\$466,666	\$466,666	\$0												
2024	\$165,533	\$86,666	\$78,867	\$466,666	\$466,666	\$0	\$171,599	\$86,666	\$84,933	\$466,666	\$466,666	\$0	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000						
2025	\$162,500	\$86,666	\$75,834	\$466,666	\$466,666	\$0	\$168,566	\$86,666	\$81,900	\$466,666	\$466,666	\$0	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667						
2026	\$159,467	\$86,666	\$72,801	\$466,666	\$466,666	\$0	\$165,533	\$86,666	\$78,867	\$466,666	\$466,666	\$0	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000
2027	\$156,434	\$86,666	\$69,768	\$466,666	\$466,666	\$0	\$162,500	\$86,666	\$75,834	\$466,666	\$466,666	\$0	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667
2028	\$153,401	\$86,666	\$66,735	\$466,666	\$466,666	\$0	\$159,467	\$86,666	\$72,801	\$466,666	\$466,666	\$0	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333
2029	\$150,368	\$86,666	\$63,702	\$466,666	\$466,666	\$0	\$156,434	\$86,666	\$69,768	\$466,666	\$466,666	\$0	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000
2030	\$147,335	\$86,666	\$60,669	\$466,666	\$466,666	\$0	\$153,401	\$86,666	\$66,735	\$466,666	\$466,666	\$0	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667
2031	\$144,302	\$86,666	\$57,636	\$466,666	\$466,666	\$0	\$150,368	\$86,666	\$63,702	\$466,666	\$466,666	\$0	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334
2032	\$141,269	\$86,666	\$54,603	\$466,666	\$466,666	\$0	\$147,335	\$86,666	\$60,669	\$466,666	\$466,666	\$0	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001
2033	\$138,236	\$86,666	\$51,570	\$466,666	\$466,666	\$0	\$144,302	\$86,666	\$57,636	\$466,666	\$466,666	\$0	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668
2034	\$135,203	\$86,666	\$48,537	\$466,666	\$466,666	\$0	\$141,269	\$86,666	\$54,603	\$466,666	\$466,666	\$0	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335
2035	\$132,170	\$86,666	\$45,504	\$466,666	\$466,666	\$0	\$138,236	\$86,666	\$51,570	\$466,666	\$466,666	\$0	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002
2036	\$129,137	\$86,666	\$42,471	\$466,666	\$466,666	\$0	\$135,203	\$86,666	\$48,537	\$466,666	\$466,666	\$0	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669
2037	\$126,104	\$86,666	\$39,438	\$466,666	\$466,666	\$0	\$132,170	\$86,666	\$45,504	\$466,666	\$466,666	\$0	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336
2038	\$123,071	\$86,666	\$36,405	\$466,666	\$466,666	\$0	\$129,137	\$86,666	\$42,471	\$466,666	\$466,666	\$0	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003
2039	\$120,038	\$86,666	\$33,372	\$466,666	\$466,666	\$0	\$126,104	\$86,666	\$39,438	\$466,666	\$466,666	\$0	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670
2040	\$117,005	\$86,666	\$30,339	\$466,666	\$466,666	\$0	\$123,071	\$86,666	\$36,405	\$466,666	\$466,666	\$0	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337
2041	\$113,972	\$86,666	\$27,306	\$466,666	\$466,666	\$0	\$120,038	\$86,666	\$33,372	\$466,666	\$466,666	\$0	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004
2042	\$110,939	\$86,666	\$24,273	\$466,666	\$466,666	\$0	\$117,005	\$86,666	\$30,339	\$466,666	\$466,666	\$0	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671
2043	\$107,906	\$86,666	\$21,240	\$466,666	\$466,666	\$0	\$113,972	\$86,666	\$27,306	\$466,666	\$466,666	\$0	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338
2044	\$104,873	\$86,666	\$18,207	\$466,666	\$466,666	\$0	\$110,939	\$86,666	\$24,273	\$466,666	\$466,666	\$0	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005
2045	\$101,840	\$86,666	\$15,174	\$466,666	\$466,666	\$0	\$107,906	\$86,666	\$21,240	\$466,666	\$466,666	\$0	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672
2046	\$98,807	\$86,666	\$12,141	\$466,666	\$466,666	\$0	\$104,873	\$86,666	\$18,207	\$466,666	\$466,666	\$0	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339
2047	\$95,774	\$86,666	\$9,108	\$466,666	\$466,666	\$0	\$101,840	\$86,666	\$15,174	\$466,666	\$466,666	\$0	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006
2048	\$92,741	\$86,666	\$6,075	\$466,666	\$466,666	\$0	\$98,807	\$86,666	\$12,141	\$466,666	\$466,666	\$0	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673
2049	\$89,708	\$86,666	\$3,042	\$466,666	\$466,666	\$0	\$95,774	\$86,666	\$9,108	\$466,666	\$466,666	\$0	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340
2050							\$92,741	\$86,666	\$6,075	\$466,666	\$466,666	\$0	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007
2051							\$89,708	\$86,666	\$3,042	\$466,666	\$466,666	\$0	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674
2052													\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341
2053													\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008
2054																		\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$46,674
2055																		\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$28,008
2056																								
2057																								
2058																								
2059																								
2060																								
2061																								
2062																								
Total	\$4,010,607	\$2,599,980	\$1,410,627	\$13,999,980	\$13,999,980	\$0	\$4,010,607	\$2,599,980	\$1,410,627	\$13,999,980	\$13,999,980	\$0	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Principle and Interest Amortization
(0% and 2% SRF Interest Rate for Collection System)

Fiscal Year	Collection System Phase 7						Collection System Phase 8						Collection System Phase 9						Total Principal	Total Interest	
	Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate					
	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest			
2007																					
2008																					
2009																				\$40,000	
2010																				\$200,000	
2011																				\$36,667	
2012																				\$1,023,303	
2013																				\$1,023,303	
2014																				\$1,023,303	
2015																				\$1,576,635	
2016																				\$1,576,635	
2017																				\$2,129,967	
2018																				\$2,129,967	
2019																				\$2,683,299	
2020																				\$2,683,299	
2021																				\$3,236,631	
2022																				\$3,236,631	
2023																				\$3,789,963	
2024																				\$3,789,963	
2025																				\$4,343,295	
2026																				\$4,343,295	
2027	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000														\$4,896,627	
2028	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667														\$4,896,627	
2029	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000							\$5,449,959		
2030	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667							\$5,449,959		
2031	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000	\$6,003,291		
2032	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667	\$6,003,291		
2033	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$6,003,291		
2034	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$6,003,291		
2035	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$6,003,291		
2036	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$6,003,291		
2037	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$6,003,291		
2038	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$6,003,291		
2039	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$6,003,291		
2040	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$6,003,291		
2041	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$6,003,291		
2042	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$6,003,291		
2043	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$6,003,291		
2044	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$6,003,291		
2045	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$6,003,291		
2046	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$132,170	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$6,003,291		
2047	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$6,003,291		
2048	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$6,003,291		
2049	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$6,003,291		
2050	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$6,003,291		
2051	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$6,003,291		
2052	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$6,003,291		
2053	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$6,003,291		
2054	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$6,003,291		
2055	\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$6,003,291		
2056	\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$6,003,291		
2057							\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$6,003,291		
2058							\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$6,003,291		
2059													\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$6,003,291		
2060													\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$6,003,291		
2061																				\$6,003,291	
Total	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$185,923,720	\$62,531,424	\$248,455,144

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Principle and Interest Amortization
(2% SRF Interest Rate for Collection System)

Fiscal Year	Collection System Phase 3						Collection System Phase 4						Collection System Phase 5						Collection System Phase 6					
	Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate		
	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest
2007																								
2008																								
2009																								
2010																								
2011																								
2012																								
2013																								
2014																								
2015																								
2016																								
2017																								
2018																								
2019	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000																		
2020	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667																		
2021	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000												
2022	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667												
2023	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000						
2024	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667						
2025	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333	\$177,666	\$86,666	\$91,000	\$746,666	\$466,666	\$280,000
2026	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000	\$174,633	\$86,666	\$87,967	\$737,333	\$466,666	\$270,667
2027	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667	\$171,599	\$86,666	\$84,933	\$727,999	\$466,666	\$261,333
2028	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334	\$168,566	\$86,666	\$81,900	\$718,666	\$466,666	\$252,000
2029	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001	\$165,533	\$86,666	\$78,867	\$709,333	\$466,666	\$242,667
2030	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668	\$162,500	\$86,666	\$75,834	\$700,000	\$466,666	\$233,334
2031	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335	\$159,467	\$86,666	\$72,801	\$690,667	\$466,666	\$224,001
2032	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002	\$156,434	\$86,666	\$69,768	\$681,334	\$466,666	\$214,668
2033	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669	\$153,401	\$86,666	\$66,735	\$672,001	\$466,666	\$205,335
2034	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336	\$150,368	\$86,666	\$63,702	\$662,668	\$466,666	\$196,002
2035	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003	\$147,335	\$86,666	\$60,669	\$653,335	\$466,666	\$186,669
2036	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670	\$144,302	\$86,666	\$57,636	\$644,002	\$466,666	\$177,336
2037	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337	\$141,269	\$86,666	\$54,603	\$634,669	\$466,666	\$168,003
2038	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004	\$138,236	\$86,666	\$51,570	\$625,336	\$466,666	\$158,670
2039	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671	\$135,203	\$86,666	\$48,537	\$616,003	\$466,666	\$149,337
2040	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338	\$132,170	\$86,666	\$45,504	\$606,670	\$466,666	\$140,004
2041	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005	\$129,137	\$86,666	\$42,471	\$597,337	\$466,666	\$130,671
2042	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672	\$126,104	\$86,666	\$39,438	\$588,004	\$466,666	\$121,338
2043	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339	\$123,071	\$86,666	\$36,405	\$578,671	\$466,666	\$112,005
2044	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006	\$120,038	\$86,666	\$33,372	\$569,338	\$466,666	\$102,672
2045	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673	\$117,005	\$86,666	\$30,339	\$560,005	\$466,666	\$93,339
2046	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340	\$113,972	\$86,666	\$27,306	\$550,672	\$466,666	\$84,006
2047	\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$56,007	\$110,939	\$86,666	\$24,273	\$541,339	\$466,666	\$74,673
2048	\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674	\$107,906	\$86,666	\$21,240	\$532,006	\$466,666	\$65,340
2049							\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341	\$104,873	\$86,666	\$18,207	\$522,673	\$466,666	\$65,007
2050							\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008	\$101,840	\$86,666	\$15,174	\$513,340	\$466,666	\$46,674
2051													\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675	\$98,807	\$86,666	\$12,141	\$504,007	\$466,666	\$37,341
2052													\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342	\$95,774	\$86,666	\$9,108	\$494,674	\$466,666	\$28,008
2053																			\$92,741	\$86,666	\$6,075	\$485,341	\$466,666	\$18,675
2054																			\$89,708	\$86,666	\$3,042	\$476,008	\$466,666	\$9,342
2055																								
2056																								
2057																								
2058																								
2059																								
2060																								
2061																								
2062																								
Total	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607											

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Principle and Interest Amortization
(2% SRF Interest Rate for Collection System)

Fiscal Year	Collection System Phase 7						Collection System Phase 8						Collection System Phase 9						Total Principal	Total Interest
	Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate			Design \$2.6M @ 3.5% Interest Rate			Construction \$14.0M @ 2% Interest Rate				
	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest		
2007																				
2008																				
2009																				\$40,000
2010																				\$200,000
2011																				\$36,667
2012																				\$238,500
2013																				\$1,023,303
2014																				\$1,256,809
2015																				\$1,023,303
2016																				\$1,198,890
2017																				\$1,576,635
2018																				\$1,545,921
2019																				\$1,576,635
2020																				\$1,509,585
2021																				\$2,129,967
2022																				\$1,844,250
2023																				\$2,129,967
2024																				\$2,683,299
2025																				\$2,117,846
2026																				\$2,683,299
2027																				\$2,056,778
2028																				\$3,236,631
2029																				\$2,366,710
2030																				\$3,236,631
2031																				\$2,293,277
2032																				\$3,789,963
2033																				\$2,590,843
2034																				\$3,789,963
2035																				\$2,505,043
2036																				\$4,343,295
2037																				\$2,790,243
2038																				\$4,343,295
2039																				\$2,692,077
2040																				\$4,896,627
2041																				\$2,964,912
2042																				\$4,896,627
2043																				\$2,854,380
2044																				\$5,449,959
2045																				\$3,114,848
2046																				\$5,449,959
2047																				\$2,991,950
2048																				\$5,449,959
2049																				\$2,991,950
2050																				\$6,003,291
2051																				\$3,240,053
2052																				\$6,003,291
2053																				\$2,904,789
2054																				\$6,003,291
2055																				\$2,769,525
2056																				\$6,003,291
2057																				\$2,634,262
2058																				\$6,003,291
2059																				\$2,498,999
2060																				\$6,003,291
2061																				\$2,363,736
2062																				\$6,003,291
Total	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$4,010,607	\$2,599,980	\$1,410,627	\$18,340,098	\$13,999,980	\$4,340,118	\$185,923,720	\$79,891,897

265,815,617

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Total Phase 1 Costs

Tax Rate Summary

(0% and 2% SRF Interest Rate for Collection System)

Fiscal Year	Total Principal	Total Interest	Tax Rate No Offset	Over/Under Offset	Tax Rate with Over/Under Offset	Sewer Revenue Excess	Tax Rate with Over/Under and Revenue Excess
2007							
2008							
2009	0	40,000	0				
2010	0	200,000	0.03				
2011	\$36,667	238,500	0.04	1,232,980	-0.15		
2012	\$1,023,303	1,256,809	0.36	1,438,382	0.13	\$45,000	0.13
2013	\$1,023,303	1,227,850	0.35	(735,874)	0.47	\$179,000	0.44
2014	\$1,023,303	1,198,890	0.35	(572,602)	0.44	\$191,000	0.41
2015	\$1,576,635	1,265,921	0.45	(88,748)	0.46	\$325,000	0.41
2016	\$1,576,635	1,238,919	0.44	146,281	0.42	\$337,000	0.37
2017	\$2,129,967	1,302,916	0.54	294,806	0.49	\$471,000	0.42
2018	\$2,129,967	1,272,881	0.53	712,191	0.42	\$483,000	0.35
2019	\$2,683,299	1,333,846	0.63	1,367,092	0.42	\$617,000	0.32
2020	\$2,683,299	1,300,777	0.63	2,074,209	0.30	\$629,000	0.20
2021	\$3,236,631	1,358,709	0.72	2,142,763	0.39	\$763,000	0.27
2022	\$3,236,631	1,322,608	0.72	2,227,488	0.37	\$775,000	0.24
2023	\$3,789,963	1,657,506	0.86	2,296,063	0.50	\$909,000	0.35
2024	\$3,789,963	1,609,039	0.85	2,364,638	0.48	\$921,000	0.33
2025	\$4,343,295	1,931,571	0.99	2,477,313	0.60	\$1,055,000	0.43
2026	\$4,343,295	1,870,737	0.98	2,651,888	0.56	\$1,067,000	0.39
2027	\$4,896,627	2,180,904	1.11	3,176,960	0.61	\$1,201,000	0.42
2028	\$4,896,627	2,107,704	1.10	3,221,169	0.59	\$1,213,000	0.40
2029	\$5,449,959	2,405,504	1.23	3,265,382	0.72	\$1,347,000	0.51
2030	\$5,449,959	2,319,938	1.22	3,324,275	0.70	\$1,359,000	0.49
2031	\$6,003,291	2,605,372	1.35	3,367,850	0.82	\$1,493,000	0.59
2032	\$6,003,291	2,307,440	1.31	3,411,425	0.77	\$1,505,000	0.53
2033	\$6,003,291	2,209,509	1.29	4,286,000	0.62	\$1,505,000	0.38
2034	\$6,003,291	2,111,577	1.28	4,700,000	0.54	\$1,505,000	0.30
2035	\$6,003,291	2,013,646	1.26	4,700,000	0.52	\$1,505,000	0.28
2036	\$6,003,291	1,915,715	1.24	4,700,000	0.51	\$1,505,000	0.27
2037	\$6,003,291	1,817,784	1.23	4,700,000	0.49	\$1,505,000	0.25
2038	\$6,003,291	1,719,853	1.21	4,700,000	0.48	\$1,505,000	0.24
2039	\$6,003,291	1,621,922	1.20	4,700,000	0.46	\$1,505,000	0.22
2040	\$6,003,291	1,523,991	1.18	4,700,000	0.44	\$1,505,000	0.21
2041	\$5,966,624	1,426,079	1.16	4,700,000	0.42	\$1,505,000	0.19
2042	\$5,562,488	1,329,439	1.08	4,700,000	0.34	\$1,505,000	0.11
2043	\$5,562,488	1,241,537	1.07	4,700,000	0.33	\$1,505,000	0.09
2044	\$5,562,488	1,153,635	1.06	4,700,000	0.32	\$1,505,000	0.08
2045	\$5,009,156	1,065,724	0.95	4,700,000	0.22	\$1,505,000	-0.02
2046	\$5,009,156	980,855	0.94	4,700,000	0.20	\$1,505,000	-0.03
2047	\$4,455,824	895,976	0.84	4,700,000	0.10	\$1,505,000	-0.13
2048	\$4,455,824	814,140	0.83	4,700,000	0.09	\$1,505,000	-0.15
2049	\$3,902,492	732,295	0.73	4,700,000	-0.01	\$1,505,000	-0.25

Total Phase 1 Costs

2/24/10

Tax Rate Summary

(0% and 2% SRF Interest Rate for Collection System)

Fiscal Year	Total Principal	Total Interest	Tax Rate No Offset	Over/Under Offset	Tax Rate with Over/Under Offset	Sewer Revenue Excess	Tax Rate with Over/Under and Revenue Excess
2050	\$3,902,492	653,492	0.72	4,700,000	-0.02	\$1,505,000	-0.26
2051	\$3,349,160	574,680	0.62	4,700,000	-0.12	\$1,505,000	-0.36
2052	\$2,766,660	309,242	0.48	4,700,000	-0.26	\$1,505,000	-0.49
2053	\$2,213,328	247,394	0.39	4,700,000	-0.35	\$1,505,000	-0.59
2054	\$2,213,328	197,930	0.38	4,700,000	-0.36	\$1,505,000	-0.60
2055	\$1,659,996	148,447	0.28	4,700,000	-0.45	\$1,505,000	-0.69
2056	\$1,659,996	111,349	0.28	4,700,000	-0.46	\$1,505,000	-0.70
2057	\$1,106,664	74,233	0.19	4,700,000	-0.55	\$1,505,000	-0.79
2058	\$1,106,664	49,501	0.18	4,700,000	-0.56	\$1,505,000	-0.79
2059	\$553,332	24,750	0.09	4,700,000	-0.65	\$1,505,000	-0.88
2060	\$553,332	12,384	0.09	4,700,000	-0.65	\$1,505,000	-0.89

Sub-total 185,923,720 62,531,424

Total 248,455,144

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Tax Rate Summary
(2% SRF Interest Rate for Collection System)



Fiscal Year	Total Principal	Total Interest	Tax Rate No Offset	Over/Under Offset	Tax Rate with Over/Under Offset	Sewer Revenue Excess	Tax Rate with Over/Under and Sewer Revenue Excess
2007							
2008							
2009	0.00	40,000	0.01				
2010	0.00	200,000	0.03				
2011	36,667	238,500	0.04	1,232,980	-0.15		
2012	1,023,303	1,256,809	0.36	1,438,382	0.13	\$45,000	0.13
2013	1,023,303	1,227,850	0.35	(735,874)	0.47	\$179,000	0.44
2014	1,023,303	1,198,890	0.35	(572,602)	0.44	\$191,000	0.41
2015	1,576,635	1,545,921	0.49	(88,748)	0.50	\$325,000	0.45
2016	1,576,635	1,509,585	0.48	146,281	0.46	\$337,000	0.41
2017	2,129,967	1,844,250	0.62	294,806	0.58	\$471,000	0.50
2018	2,129,967	1,795,548	0.62	712,191	0.50	\$483,000	0.43
2019	2,683,299	2,117,846	0.75	1,367,092	0.54	\$617,000	0.44
2020	2,683,299	2,056,778	0.74	2,074,209	0.42	\$629,000	0.32
2021	3,236,631	2,366,710	0.88	2,142,763	0.54	\$763,000	0.42
2022	3,236,631	2,293,277	0.87	2,227,488	0.52	\$775,000	0.40
2023	3,789,963	2,590,843	1.00	2,296,063	0.64	\$909,000	0.50
2024	3,789,963	2,505,043	0.99	2,364,638	0.62	\$921,000	0.47
2025	4,343,295	2,790,243	1.12	2,477,313	0.73	\$1,055,000	0.57
2026	4,343,295	2,692,077	1.11	2,651,888	0.69	\$1,067,000	0.52
2027	4,896,627	2,964,912	1.24	3,176,960	0.74	\$1,201,000	0.55
2028	4,896,627	2,854,380	1.22	3,221,169	0.71	\$1,213,000	0.52
2029	5,449,959	3,114,848	1.35	3,265,382	0.83	\$1,347,000	0.62
2030	5,449,959	2,991,950	1.33	3,324,275	0.80	\$1,359,000	0.59
2031	6,003,291	3,240,053	1.45	3,367,850	0.92	\$1,493,000	0.69
2032	6,003,291	2,904,789	1.40	3,411,425	0.86	\$1,505,000	0.63
2033	6,003,291	2,769,525	1.38	4,286,000	0.71	\$1,505,000	0.47
2034	6,003,291	2,634,262	1.36	4,700,000	0.62	\$1,505,000	0.38
2035	6,003,291	2,498,999	1.34	4,700,000	0.60	\$1,505,000	0.36
2036	6,003,291	2,363,736	1.31	4,700,000	0.58	\$1,505,000	0.34
2037	6,003,291	2,228,473	1.29	4,700,000	0.55	\$1,505,000	0.32
2038	6,003,291	2,093,210	1.27	4,700,000	0.53	\$1,505,000	0.30
2039	6,003,291	1,957,947	1.25	4,700,000	0.51	\$1,505,000	0.28
2040	6,003,291	1,822,684	1.23	4,700,000	0.49	\$1,505,000	0.25
2041	5,966,624	1,687,439	1.20	4,700,000	0.46	\$1,505,000	0.23
2042	5,562,488	1,553,467	1.12	4,700,000	0.38	\$1,505,000	0.14
2043	5,562,488	1,428,233	1.10	4,700,000	0.36	\$1,505,000	0.12
2044	5,562,488	1,302,999	1.08	4,700,000	0.34	\$1,505,000	0.10
2045	5,009,156	1,177,747	0.97	4,700,000	0.23	\$1,505,000	0.00
2046	5,009,156	1,064,879	0.95	4,700,000	0.22	\$1,505,000	-0.02
2047	4,455,824	951,992	0.85	4,700,000	0.11	\$1,505,000	-0.13
2048	4,455,824	851,490	0.83	4,700,000	0.10	\$1,505,000	-0.14
2049	3,902,492	750,970	0.73	4,700,000	-0.01	\$1,505,000	-0.24

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Tax Rate Summary
(2% SRF Interest Rate for Collection System)

Fiscal Year	Total Principal	Total Interest	Tax Rate No Offset	Over/Under Offset	Tax Rate with Over/Under Offset	Sewer Revenue Excess	Tax Rate with Over/Under and Sewer Revenue Excess
2050	3,902,492	662,834	0.72	4,700,000	-0.02	\$1,505,000	-0.26
2051	3,349,160	574,680	0.62	4,700,000	-0.12	\$1,505,000	-0.36
2052	2,766,660	309,242	0.48	4,700,000	-0.26	\$1,505,000	-0.49
2053	2,213,328	247,394	0.39	4,700,000	-0.35	\$1,505,000	-0.59
2054	2,213,328	197,930	0.38	4,700,000	-0.36	\$1,505,000	-0.60
2055	1,659,996	148,447	0.28	4,700,000	-0.45	\$1,505,000	-0.69
2056	1,659,996	111,349	0.28	4,700,000	-0.46	\$1,505,000	-0.70
2057	1,106,664	74,233	0.19	4,700,000	-0.55	\$1,505,000	-0.79
2058	1,106,664	49,501	0.18	4,700,000	-0.56	\$1,505,000	-0.79
2059	553,332	24,750	0.09	4,700,000	-0.65	\$1,505,000	-0.88
2060	553,332	12,384	0.09	4,700,000	-0.65	\$1,505,000	-0.89

Sub-total 185,923,720 79,891,897

Total 265,815,617

Title

(6)

OVER/UNDER

	Current Debt	PD/Annex 16.9m	Fire Station 8m		Tax rate impact
	4,700,000				
2011	3,467,020			1,232,980	-0.19
2012	3,261,618			1,438,382	-0.23
2013	3,319,374	1436500		(735,874)	0.12
2014	3,199,677	1406925	680000	(572,602)	0.09
2015	2,759,398	1377350	666000	(88,748)	0.01
2016	2,567,944	1347775	652000	146,281	-0.02
2017	2,462,994	1318200	638000	294,806	-0.05
2018	2,089,184	1288625	624000	712,191	-0.11
2019	1,477,858	1259050	610000	1,367,092	-0.21
2020	814,316	1229475	596000	2,074,209	-0.33
2021	789,337	1199900	582000	2,142,763	-0.34
2022	748,187	1170325	568000	2,227,488	-0.35
2023	723,187	1140750	554000	2,296,063	-0.36
2024	698,187	1111175	540000	2,364,638	-0.37
2025	629,087	1081600	526000	2,477,313	-0.39
2026	498,087	1052025	512000	2,651,888	-0.42
2027	16,590	1022450	498000	3,176,960	-0.50
2028	15,956	992875	484000	3,221,169	-0.51
2029	15,318	963300	470000	3,265,382	-0.51
2030		933725	456000	3,324,275	-0.52
2031		904150	442000	3,367,850	-0.53
2032		874575	428000	3,411,425	-0.54
2033			414000	4,286,000	-0.67
2034				4,700,000	-0.74

Fiscal Year	Projected O&M		Projected Sewer Revenue		Revenue Excess
2010	\$262,684		\$262,684		\$0
2011	\$262,684		\$262,684		\$0
2012	\$384,684		\$429,684		\$45,000
2013	\$384,684		\$563,684		\$179,000
2014	\$506,684		\$697,684		\$191,000
2015	\$506,684		\$831,684		\$325,000
2016	\$628,684		\$965,684		\$337,000
2017	\$628,684		\$1,099,684		\$471,000
2018	\$750,684		\$1,233,684		\$483,000
2019	\$750,684		\$1,367,684		\$617,000
2020	\$872,684		\$1,501,684		\$629,000
2021	\$872,684		\$1,635,684		\$763,000
2022	\$994,684		\$1,769,684		\$775,000
2023	\$994,684		\$1,903,684		\$909,000
2024	\$1,116,684		\$2,037,684		\$921,000
2025	\$1,116,684		\$2,171,684		\$1,055,000
2026	\$1,238,684		\$2,305,684		\$1,067,000
2027	\$1,238,684		\$2,439,684		\$1,201,000
2028	\$1,360,684		\$2,573,684		\$1,213,000
2029	\$1,360,684		\$2,707,684		\$1,347,000
2030	\$1,482,684		\$2,841,684		\$1,359,000
2031	\$1,482,684		\$2,975,684		\$1,493,000
2032	\$1,604,684		\$3,109,684		\$1,505,000

Proposed Area	SEWERAGED	Estimated Wastewater Flows (gpd)						Estimated Served Area Capital Cost	Estimated Area Capital Cost	Note	Number of Potentially Served Parcels per Sewershed	Estimated O&M by Sewershed	Estimated O&M by Area	
		Average Existing (No I/I)	Average Future (No I/I)	I/I Total	Average Future (With I/I)	I/I Sewers	I/I Laterals							
A West Chatham I	51	25,000	31,000	10,000	41,000	7,000	3,000	\$ 4,000,000.00	\$ 11,600,000.00	Major PS	121	\$18,000.00	\$ 65,000.00	
	50	21,000	29,000	13,000	41,000	9,000	4,000	\$ 4,500,000.00			154	\$19,000.00		
	52	6,000	10,000	4,000	14,000	3,000	1,000	\$ 2,300,000.00			51	\$15,000.00		
B West Chatham II	70	1,000	3,000	2,000	4,000	1,000	1,000	\$ 800,000.00			19	\$13,000.00		
	44	7,000	12,000	6,000	17,000	4,000	2,000	\$ 3,800,000.00	\$ 12,300,000.00	Major PS	73	\$18,000.00	\$ 54,000.00	
	43	33,000	48,000	19,000	67,000	12,000	7,000	\$ 7,700,000.00			256	\$23,000.00		
C Oyster Pond I	69	2,000	3,000	2,000	4,000	1,000	0	\$ 800,000.00			16	\$13,000.00		
	42	42,000	63,000	28,000	88,000									
	CTE-1	11,000	13,000	5,000	18,000	3,000	2,000	\$ 2,800,000.00	\$ 10,700,000.00		48	\$5,000.00	\$ 42,000.00	
D Oyster Pond II	37	39,000	48,000	16,000	63,000	11,000	5,000	\$ 7,000,000.00			250	\$23,000.00		
	76	5,000	5,000	2,000	7,000	1,000	1,000	\$ 900,000.00			17	\$13,000.00		
	CTE-4	5,000	6,000	1,000	8,000	1,000	0	\$ 2,100,000.00	\$ 10,800,000.00		18	\$2,000.00	\$ 49,000.00	
E Oyster River	34	13,000	21,000	4,000	25,000	3,000	1,000	\$ 3,700,000.00			94	\$17,000.00		
	35	9,000	14,000	5,000	19,000	3,000	2,000	\$ 2,600,000.00			74	\$15,000.00		
	36	8,000	13,000	6,000	19,000	4,000	2,000	\$ 2,200,000.00			56	\$15,000.00		
F Mill Pond	45	4,000	6,000	3,000	9,000	2,000	1,000	\$ 1,400,000.00	\$ 10,900,000.00	via 44	45	\$14,000.00	\$ 88,000.00	
	46	15,000	23,000	12,000	34,000	8,000	4,000	\$ 3,800,000.00			139	\$19,000.00		
	47	4,000	8,000	4,000	12,000	3,000	1,000	\$ 1,500,000.00			37	\$14,000.00		
G O&M Infill	48	7,000	9,000	4,000	11,000	2,000	1,000	\$ 1,900,000.00			88	\$14,000.00		
	67	3,000	5,000	3,000	8,000	2,000	1,000	\$ 1,200,000.00			36	\$14,000.00		
	68	1,000	2,000	2,000	4,000	1,000	1,000	\$ 1,100,000.00			18	\$13,000.00		
H Stage Harbor	28	14,000	14,000	6,000	19,000	1,000	1,000	\$ 1,300,000.00						
	CTE-5	37,000	46,000	18,000	63,000									
	CTE-8	1,000	1,000	1,000	2,000	1,000	0	\$ 1,900,000.00	\$ 10,800,000.00		10	\$6,000.00	\$ 58,000.00	
I Taylors Pond	CTE-12	1,000	1,000	1,000	2,000	1,000	0	\$ 1,800,000.00			5	\$6,000.00		
	27	19,000	23,000	8,000	31,000	5,000	3,000	\$ 3,300,000.00		re-route 27	112	\$17,000.00		
	29	5,000	7,000	2,000	9,000	1,000	1,000	\$ 1,000,000.00			29	\$13,000.00		
J Mill Creek	14,000	11,000	14,000	19,000	1,000	1,000	\$ 1,100,000.00				18	\$13,000.00		
	33	4,000	5,000	4,000	8,000	2,000	1,000	\$ 1,500,000.00	\$ 6,600,000.00		72	\$4,000.00	\$ 33,000.00	
	77	3,000	3,000	1,000	4,000	1,000	0	\$ 2,100,000.00			13	\$2,000.00		
K Frost Fish Creek	CTE-2	6,000	6,000	3,000	11,000	2,000	1,000	\$ 2,700,000.00	\$ 8,200,000.00		44	\$6,000.00	\$ 12,000.00	
	CTE-3	1,000	1,000	0	1,000	0	0	\$ 1,700,000.00			4	\$2,000.00		
	CTE-6	1,000	1,000	0	2,000	0	0	\$ 1,700,000.00			5	\$2,000.00		
L Lovens Lake	CTE-7	3,000	3,000	1,000	4,000	1,000	0	\$ 2,100,000.00			13	\$2,000.00		
	56	17,000	24,000	12,000	35,000	8,000	4,000	\$ 4,700,000.00	\$ 8,000,000.00	via 3	159	\$16,000.00	\$ 33,000.00	
	59	10,000	18,000	7,000	25,000	5,000	2,000	\$ 3,300,000.00			121	\$17,000.00		
M Crows Pond	CTE-14	10,000	12,000	4,000	16,000	3,000	1,000	\$ 2,800,000.00	\$ 10,000,000.00		35	\$15,000.00	\$ 62,000.00	
	17	15,000	19,000	11,000	30,000	8,000	3,000	\$ 4,400,000.00			114	\$18,000.00		
	18	5,000	7,000	4,000	11,000	3,000	1,000	\$ 1,800,000.00			47	\$15,000.00		
N Riverbay	79	3,000	4,000	1,000	6,000	1,000	0	\$ 1,000,000.00			22	\$13,000.00		
	38	8,000	10,000	5,000	15,000	4,000	1,000	\$ 2,500,000.00	\$ 7,900,000.00		59	\$16,000.00	\$ 48,000.00	
	39	10,000	14,000	6,000	20,000	4,000	2,000	\$ 2,800,000.00			95	\$16,000.00		
O Town Forest	40	7,000	9,000	4,000	13,000	3,000	1,000	\$ 2,500,000.00			61	\$16,000.00		
	9	7,000	9,000	4,000	13,000	3,000	1,000	\$ 2,300,000.00	\$ 11,400,000.00	via 73	63	\$15,000.00	\$ 65,000.00	
	10	7,000	8,000	5,000	13,000	4,000	1,000	\$ 2,000,000.00			51	\$15,000.00		
P Muddy Creek	11	18,000	21,000	12,000	33,000	8,000	4,000	\$ 4,500,000.00			132	\$19,000.00		
	71	10,000	12,000	6,000	18,000	4,000	2,000	\$ 2,600,000.00			73	\$16,000.00		
	4	6,000	9,000	4,000	14,000	3,000	1,000	\$ 2,200,000.00	\$ 3,600,000.00		65	\$15,000.00	\$ 29,000.00	
Q Ryders Cove	5	4,000	5,000	3,000	8,000	2,000	1,000	\$ 1,400,000.00			39	\$14,000.00		
	6	6,000	10,000	3,000	13,000	2,000	1,000	\$ 2,300,000.00			58	\$15,000.00		
	7	9,000	11,000	10,000	20,000	7,000	3,000	\$ 4,300,000.00	\$ 11,400,000.00	via 3	77	\$19,000.00	\$ 65,000.00	
R Little Beechlands	8	4,000	7,000	4,000	11,000	3,000	1,000	\$ 2,000,000.00			51	\$15,000.00		
	41	8,000	11,000	8,000	19,000	5,000	3,000	\$ 2,800,000.00			77	\$16,000.00		
	20	38,000	48,000	21,000	68,000	14,000	7,000	\$ 8,300,000.00	\$ 9,200,000.00		266	\$25,000.00	\$ 38,000.00	
S Nickersons Neck	80	3,000	4,000	2,000	6,000	1,000	1,000	\$ 900,000.00			10	\$13,000.00		
	30	24,000	31,000	6,000	37,000	4,000	2,000	\$ 5,300,000.00	\$ 9,200,000.00		144	\$19,000.00	\$ 38,000.00	
	31	15,000	18,000	5,000	23,000	4,000	1,000	\$ 3,900,000.00			94	\$19,000.00		
TOTAL	14	14,000	16,000	8,000	25,000	5,000	2,000	\$ 3,700,000.00	\$ 3,700,000.00		91	\$18,000.00	\$18,000.00	
	Total	850,000	1,170,000	480,000	1,650,000	740,000	60,000	\$ 180,000,000.00	\$ 180,000,000.00				\$18,000.00	\$18,000.00
	Existing Sewered Parcel	100,000	110,000	20,000	130,000	20,000	0	\$ -	\$ -					
Downtown Infilling	8,000	10,000	0	10,000	0	0	\$ -	\$ -						
Bellevs Path	0	3,000	0	3,000	0	0	\$ -	\$ -						
CBI	14,000	14,000	0	14,000	0	0	\$ -	\$ -						
Laundry/Dryl Dev.	1,000	2,000	0	2,000	0	0	\$ -	\$ -						

Notes:
 1. All values rounded to two significant figures
 2. Costs based on 2007 ENR Index of 7942

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Property Tax Summary
 (0% and 2% SRF Interest Rate for Collection System)

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Fiscal Year	Tax Rate No Offset per Thousand Assessed Value	Tax Rate with Over/Under per Thousand Assessed Value	Tax Rate with Over/Under & Sewer Revenue per Thousand Assessed Value	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset
2009	\$0.01	\$0.00	\$0.00	\$300,000	\$1.89	\$0.00	\$0.00	\$400,000	\$2.51	\$0.00	\$0.00	\$500,000	\$3.14	\$0.00	\$0.00	\$600,000	\$3.77	\$0.00	\$0.00	\$700,000	\$4.40	\$0.00	\$0.00
2010	\$0.03	\$0.00	\$0.00	\$300,000	\$9.43	\$0.00	\$0.00	\$400,000	\$12.57	\$0.00	\$0.00	\$500,000	\$15.71	\$0.00	\$0.00	\$600,000	\$18.86	\$0.00	\$0.00	\$700,000	\$22.00	\$0.00	\$0.00
2011	\$0.04	-\$0.15	\$0.00	\$300,000	\$12.97	-\$45.15	\$0.00	\$400,000	\$17.30	-\$60.20	\$0.00	\$500,000	\$21.62	-\$75.25	\$0.00	\$600,000	\$25.94	-\$90.30	\$0.00	\$700,000	\$30.27	-\$105.35	\$0.00
2012	\$0.36	\$0.13	\$0.13	\$300,000	\$107.48	\$39.68	\$37.56	\$400,000	\$143.31	\$52.91	\$50.08	\$500,000	\$179.14	\$66.13	\$62.60	\$600,000	\$214.97	\$79.36	\$75.12	\$700,000	\$250.80	\$92.58	\$87.63
2013	\$0.35	\$0.47	\$0.44	\$300,000	\$106.12	\$140.81	\$132.37	\$400,000	\$141.49	\$187.74	\$176.49	\$500,000	\$176.86	\$234.68	\$220.62	\$600,000	\$212.24	\$281.62	\$264.74	\$700,000	\$247.61	\$328.55	\$308.86
2014	\$0.35	\$0.44	\$0.41	\$300,000	\$104.75	\$131.75	\$122.74	\$400,000	\$139.67	\$175.66	\$163.66	\$500,000	\$174.59	\$219.58	\$204.57	\$600,000	\$209.51	\$263.49	\$245.48	\$700,000	\$244.43	\$307.41	\$286.40
2015	\$0.45	\$0.46	\$0.41	\$300,000	\$134.00	\$138.18	\$122.86	\$400,000	\$178.66	\$184.24	\$163.81	\$500,000	\$223.33	\$230.30	\$204.77	\$600,000	\$268.00	\$276.36	\$245.72	\$700,000	\$312.66	\$322.42	\$286.67
2016	\$0.44	\$0.42	\$0.37	\$300,000	\$132.72	\$125.83	\$109.94	\$400,000	\$176.97	\$167.77	\$146.59	\$500,000	\$221.21	\$209.71	\$183.24	\$600,000	\$265.45	\$251.66	\$219.89	\$700,000	\$309.69	\$293.60	\$256.53
2017	\$0.54	\$0.49	\$0.42	\$300,000	\$161.83	\$147.93	\$125.73	\$400,000	\$215.77	\$197.24	\$167.63	\$500,000	\$269.71	\$246.55	\$209.54	\$600,000	\$323.65	\$295.86	\$251.45	\$700,000	\$377.59	\$345.17	\$293.36
2018	\$0.53	\$0.42	\$0.35	\$300,000	\$160.41	\$126.84	\$104.07	\$400,000	\$213.88	\$169.12	\$138.76	\$500,000	\$267.35	\$211.40	\$173.45	\$600,000	\$320.82	\$253.67	\$208.14	\$700,000	\$374.29	\$295.95	\$242.83
2019	\$0.63	\$0.42	\$0.32	\$300,000	\$189.37	\$124.92	\$95.84	\$400,000	\$252.49	\$166.56	\$127.78	\$500,000	\$315.61	\$208.20	\$159.73	\$600,000	\$378.73	\$249.85	\$191.68	\$700,000	\$441.86	\$291.49	\$223.62
2020	\$0.63	\$0.30	\$0.20	\$300,000	\$187.81	\$90.03	\$60.38	\$400,000	\$250.41	\$120.04	\$80.51	\$500,000	\$313.01	\$150.05	\$100.63	\$600,000	\$375.62	\$180.06	\$120.76	\$700,000	\$438.22	\$210.07	\$140.89
2021	\$0.72	\$0.39	\$0.27	\$300,000	\$216.62	\$115.61	\$79.65	\$400,000	\$288.83	\$154.15	\$106.20	\$500,000	\$361.04	\$192.69	\$132.74	\$600,000	\$433.25	\$231.23	\$159.29	\$700,000	\$505.45	\$269.77	\$185.84
2022	\$0.72	\$0.37	\$0.24	\$300,000	\$214.92	\$109.92	\$73.38	\$400,000	\$286.56	\$146.56	\$97.85	\$500,000	\$358.20	\$183.20	\$122.31	\$600,000	\$429.84	\$219.84	\$146.77	\$700,000	\$501.48	\$256.48	\$171.23
2023	\$0.86	\$0.50	\$0.35	\$300,000	\$256.79	\$148.56	\$105.71	\$400,000	\$342.39	\$198.08	\$140.94	\$500,000	\$427.99	\$247.59	\$176.18	\$600,000	\$513.59	\$297.11	\$211.41	\$700,000	\$599.18	\$346.63	\$246.65
2024	\$0.85	\$0.48	\$0.33	\$300,000	\$254.51	\$143.04	\$99.62	\$400,000	\$339.34	\$190.72	\$132.83	\$500,000	\$424.18	\$238.40	\$166.04	\$600,000	\$509.02	\$286.08	\$199.25	\$700,000	\$593.85	\$333.76	\$232.45
2025	\$0.99	\$0.60	\$0.43	\$300,000	\$295.80	\$179.02	\$129.28	\$400,000	\$394.39	\$238.69	\$172.38	\$500,000	\$492.99	\$298.36	\$215.47	\$600,000	\$591.59	\$358.03	\$258.57	\$700,000	\$690.19	\$417.70	\$301.66
2026	\$0.98	\$0.56	\$0.39	\$300,000	\$292.93	\$167.92	\$117.62	\$400,000	\$390.57	\$223.89	\$156.83	\$500,000	\$488.21	\$279.86	\$196.03	\$600,000	\$585.86	\$335.84	\$235.24	\$700,000	\$683.50	\$391.81	\$274.45
2027	\$1.11	\$0.61	\$0.42	\$300,000	\$333.63	\$183.87	\$127.26	\$400,000	\$444.84	\$245.16	\$169.68	\$500,000	\$556.06	\$306.45	\$212.10	\$600,000	\$667.27	\$367.74	\$254.51	\$700,000	\$778.48	\$429.03	\$296.93
2028	\$1.10	\$0.59	\$0.40	\$300,000	\$330.18	\$178.34	\$121.16	\$400,000	\$440.24	\$237.78	\$161.54	\$500,000	\$550.30	\$297.23	\$201.93	\$600,000	\$660.37	\$356.67	\$242.31	\$700,000	\$770.43	\$416.12	\$282.70
2029	\$1.23	\$0.72	\$0.51	\$300,000	\$370.30	\$216.38	\$152.88	\$400,000	\$493.74	\$288.50	\$203.84	\$500,000	\$617.17	\$360.63	\$254.80	\$600,000	\$740.61	\$432.75	\$305.76	\$700,000	\$864.04	\$504.88	\$356.72
2030	\$1.22	\$0.70	\$0.49	\$300,000	\$366.27	\$209.57	\$145.50	\$400,000	\$488.36	\$279.42	\$194.00	\$500,000	\$610.45	\$349.28	\$242.50	\$600,000	\$732.54	\$419.13	\$291.01	\$700,000	\$854.63	\$488.99	\$339.51
2031	\$1.35	\$0.82	\$0.59	\$300,000	\$405.81	\$247.05	\$176.67	\$400,000	\$541.08	\$329.40	\$235.56	\$500,000	\$676.35	\$411.75	\$294.45	\$600,000	\$811.62	\$494.10	\$353.34	\$700,000	\$946.89	\$576.45	\$412.23
2032	\$1.31	\$0.77	\$0.53	\$300,000	\$391.77	\$230.95	\$160.01	\$400,000	\$522.35	\$307.94	\$213.34	\$500,000	\$652.94	\$384.92	\$266.68	\$600,000	\$783.53	\$461.90	\$320.01	\$700,000	\$914.12	\$538.89	\$373.35
2033	\$1.29	\$0.62	\$0.38	\$300,000	\$387.15	\$185.11	\$114.16	\$400,000	\$516.20	\$246.81	\$152.22	\$500,000	\$645.25	\$308.51	\$190.27	\$600,000	\$774.30	\$437.02	\$228.33	\$700,000	\$903.35	\$431.92	\$266.38
2034	\$1.28	\$0.54	\$0.30	\$300,000	\$382.53	\$160.98	\$90.03	\$400,000	\$510.04	\$214.63	\$120.04	\$500,000	\$637.56	\$268.29	\$150.05	\$600,000	\$765.07	\$321.95	\$180.06	\$700,000	\$892.58	\$375.61	\$210.07
2035	\$1.26	\$0.52	\$0.28	\$300,000	\$377.92	\$156.36	\$85.41	\$400,000	\$503.89	\$208.48	\$113.89	\$500,000	\$629.86	\$260.60	\$142.36	\$600,000	\$755.83	\$312.72	\$170.83	\$700,000	\$881.81	\$364.84	\$199.30
2036	\$1.24	\$0.51	\$0.27	\$300,000	\$373.30	\$151.74	\$80.80	\$400,000	\$497.73	\$202.32	\$107.73	\$500,000	\$622.17	\$252.91	\$134.66	\$600,000	\$746.60	\$303.49	\$161.60	\$700,000	\$871.03	\$354.07	\$188.53
2037	\$1.23	\$0.49	\$0.25	\$300,000	\$368.68	\$147.13	\$76.18	\$400,000	\$491.58	\$196.17	\$101.58	\$500,000	\$614.47	\$245.21	\$126.97	\$600,000	\$737.37	\$294.25	\$152.36	\$700,000	\$860.26	\$343.30	\$177.76
2038	\$1.21	\$0.48	\$0.24	\$300,000	\$364.07	\$142.51	\$71.57	\$400,000	\$485.42	\$190.01	\$95.42	\$500,000	\$606.78	\$237.52	\$119.28	\$600,000	\$728.13	\$285.02	\$143.13	\$700,000	\$849.49	\$332.52	\$166.99
2039	\$1.20	\$0.46	\$0.22	\$300,000	\$359.45	\$137.89	\$66.95	\$400,000	\$479.27	\$183.86	\$89.26	\$500,000	\$599.09	\$229.82	\$111.58	\$600,000	\$718.90	\$275.79	\$133.90	\$700,000	\$838.72	\$321.75	\$156.21
2040	\$1.18	\$0.44	\$0.21	\$300,000	\$354.83	\$133.28	\$62.33	\$400,000	\$473.11	\$177.70	\$83.11	\$500,000	\$591.39	\$222.13	\$103.89	\$600,000	\$709.67	\$266.56	\$124.66	\$700,000	\$827.95	\$310.98	\$145.44
2041	\$1.16	\$0.42	\$0.19	\$300,000	\$348.49	\$126.93	\$55.99	\$400,000	\$464.65	\$169.24	\$74.65	\$500,000	\$580.82	\$211.56	\$93.31	\$600,000	\$696.98	\$253.87	\$111.98	\$700,000	\$813.14	\$296.18	\$130.64
2042	\$1.08	\$0.34	\$0.11	\$300,000	\$324.88	\$103.33	\$32.38	\$400,000	\$433.18	\$137.77	\$43.18	\$500,000	\$541.47	\$172.21	\$53.97	\$600,000	\$649.77	\$206.65	\$64.76	\$700,000	\$758.06	\$241.10	\$75.56
2043	\$1.07	\$0.33	\$0.09	\$300,000	\$320.74	\$99.18	\$28.24	\$400,000	\$427.65	\$132.24	\$37.65	\$500,000	\$534.57	\$165.31	\$47.06	\$600,000	\$641.48	\$198.37	\$56.48	\$700,000	\$748.39	\$231.43	\$65.89
2044	\$1.06	\$0.32	\$0.08	\$300,000	\$316.60	\$95.04	\$24.09	\$400,000	\$422.13	\$126.72	\$32.13	\$500,000	\$527.66	\$158.40	\$40.16	\$600,000	\$633.19	\$190.08	\$48.19	\$700,000	\$738.73	\$221.76	\$56.22
2045	\$0.95	\$0.22	-\$0.02	\$300,000	\$286.37	\$64.81	-\$6.13	\$400,000	\$381.82	\$86.42	-\$8.18	\$500,000	\$477.28	\$108.02	-\$10.22	\$600,000	\$572.74	\$129.62	-\$12.27	\$700,000	\$668.19	\$151.23	-\$14.31
2046	\$0.94	\$0.20	-\$0.03	\$300,000	\$282.37	\$60.81	-\$10.13	\$400,000	\$376.49	\$81.08	-\$13.51	\$500,000	\$470.61	\$101.35	-\$16.89	\$600,000	\$564.74	\$121.62	-\$20.27	\$700,000	\$658.86	\$141.89	-\$23.65
2047	\$0.84	\$0.10	-\$0.13	\$300,000	\$252.28	\$30.73	-\$40.22	\$400,000	\$336.38	\$40.97	-\$53.63	\$500,000	\$420.47	\$51.21	-\$67.03	\$600,000	\$504.57	\$61.45	-\$80.44	\$700,000	\$588.66	\$71.69	-\$93.85
2048	\$0.83	\$0.09	-\$0.15	\$300,000	\$248.43	\$26.87	-\$44.08	\$400,000	\$331.23	\$35.82	-\$58.77	\$500,000	\$414.04	\$44.78	-\$73.46	\$600,000	\$496.85	\$53.74	-\$88.15	\$700,000	\$579.66	\$62.69	-\$102.85
2049	\$0.73	-\$0.01	-\$0.25	\$300,000	\$218.48	-\$3.07	-\$74.02	\$400,000	\$291.31	-\$4.10	-\$98.69	\$500,000	\$364.14	-\$5.12	-\$123.37	\$600,000	\$436.97	-\$6.15	-\$148.04	\$700,000	\$509.79	-\$7.17	-\$172.71
2050	\$0.72	-\$0.02	-\$0.26	\$300,000	\$214.77	-\$6.79	-\$77.73	\$400,000	\$286.36	-\$9.05	-\$103.65	\$500,000	\$357.95	-\$11.31	-\$129.56	\$600,000	\$429.54	-\$13.58	-\$155.47	\$700,000	\$501.13	-\$15.84	-\$181.38
2051	\$0.62	-\$0.12	-\$0.36	\$300,000	\$184.97	-\$36.59	-\$107.53	\$400,000	\$246.63	-\$48.78	-\$143.38	\$500,000	\$308.28	-\$60.98	-\$179.22	\$600,000	\$369.94	-\$73.18	-\$215.07	\$700,000	\$431.59	-\$85.37	-\$250.91
2052	\$0.48	-\$0.26	-\$0.49	\$300,000	\$145.00	-\$76.56	-\$147.51	\$400,000	\$193.33	-\$102.08	-\$196.67	\$500,000	\$241.66	-\$127.60	-\$245.84	\$600,000	\$289.99	-\$153.12	-\$295.01	\$700,000	\$338.33	-\$178.64	-\$344.18
2053	\$0.39	-\$0.35	-\$0.59	\$300,000	\$116.00	-\$105.56	-\$176.50	\$400,000	\$154.66	-\$140.75	-\$235.34	\$500,000	\$193.33	-\$175.93	-\$294.17	\$600,000	\$232.00	-\$211.12					

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Property Tax Summary
(0% and 2% SRF Interest Rate for Collection System)

Fiscal Year	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Residential Property Value FY10 Median (\$534,900)	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Residential Property Value FY10 Mean (\$861,900)	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset
2009	\$800,000	\$5.03	\$0.00	\$0.00	\$900,000	\$5.66	\$0.00	\$0.00	\$1,000,000	\$6.29	\$0.00	\$0.00	\$534,900	\$3.36	\$0.00	\$0.00	\$861,900	\$5.42	\$0.00	\$0.00
2010	\$800,000	\$25.14	\$0.00	\$0.00	\$900,000	\$28.28	\$0.00	\$0.00	\$1,000,000	\$31.43	\$0.00	\$0.00	\$534,900	\$16.81	\$0.00	\$0.00	\$861,900	\$27.09	\$0.00	\$0.00
2011	\$800,000	\$34.59	-\$120.40	\$0.00	\$900,000	\$38.91	-\$135.45	\$0.00	\$1,000,000	\$43.24	-\$150.50	\$0.00	\$534,900	\$23.13	-\$80.50	\$0.00	\$861,900	\$37.27	-\$129.72	\$0.00
2012	\$800,000	\$286.62	\$105.81	\$100.15	\$900,000	\$322.45	\$119.04	\$112.67	\$1,000,000	\$358.28	\$132.26	\$125.19	\$534,900	\$191.64	\$70.75	\$66.97	\$861,900	\$308.80	\$114.00	\$107.90
2013	\$800,000	\$282.98	\$375.49	\$352.99	\$900,000	\$318.36	\$422.42	\$397.11	\$1,000,000	\$353.73	\$469.36	\$441.23	\$534,900	\$189.21	\$251.06	\$236.02	\$861,900	\$304.88	\$404.54	\$380.30
2014	\$800,000	\$279.34	\$351.32	\$327.31	\$900,000	\$314.26	\$395.24	\$368.23	\$1,000,000	\$349.18	\$439.15	\$409.14	\$534,900	\$186.78	\$234.90	\$218.85	\$861,900	\$300.96	\$378.51	\$352.64
2015	\$800,000	\$357.33	\$368.48	\$327.63	\$900,000	\$401.99	\$414.54	\$368.58	\$1,000,000	\$446.66	\$460.60	\$409.54	\$534,900	\$238.92	\$246.38	\$219.06	\$861,900	\$384.97	\$396.99	\$352.98
2016	\$800,000	\$353.93	\$335.54	\$293.18	\$900,000	\$398.17	\$377.49	\$329.83	\$1,000,000	\$442.42	\$419.43	\$366.48	\$534,900	\$236.65	\$224.35	\$196.03	\$861,900	\$381.32	\$361.51	\$315.87
2017	\$800,000	\$431.53	\$394.48	\$335.27	\$900,000	\$485.48	\$443.78	\$377.18	\$1,000,000	\$539.42	\$493.09	\$419.08	\$534,900	\$288.53	\$263.76	\$224.17	\$861,900	\$464.92	\$425.00	\$361.21
2018	\$800,000	\$427.76	\$338.23	\$277.52	\$900,000	\$481.23	\$380.51	\$312.21	\$1,000,000	\$534.70	\$422.79	\$346.89	\$534,900	\$286.01	\$226.15	\$185.55	\$861,900	\$460.86	\$364.40	\$298.99
2019	\$800,000	\$504.98	\$333.13	\$255.57	\$900,000	\$568.10	\$374.77	\$287.51	\$1,000,000	\$631.22	\$416.41	\$319.46	\$534,900	\$337.64	\$222.74	\$170.88	\$861,900	\$544.05	\$358.90	\$275.34
2020	\$800,000	\$500.82	\$240.08	\$161.01	\$900,000	\$563.43	\$270.09	\$181.14	\$1,000,000	\$626.03	\$300.10	\$201.27	\$534,900	\$334.86	\$160.52	\$107.66	\$861,900	\$539.57	\$258.66	\$173.47
2021	\$800,000	\$577.66	\$308.30	\$212.39	\$900,000	\$649.87	\$346.84	\$238.94	\$1,000,000	\$722.08	\$385.38	\$265.49	\$534,900	\$386.24	\$206.14	\$142.01	\$861,900	\$622.36	\$332.16	\$228.82
2022	\$800,000	\$573.12	\$293.12	\$195.69	\$900,000	\$644.76	\$329.75	\$220.15	\$1,000,000	\$716.41	\$366.39	\$244.62	\$534,900	\$383.21	\$195.98	\$130.85	\$861,900	\$617.47	\$315.80	\$210.83
2023	\$800,000	\$684.78	\$396.15	\$281.88	\$900,000	\$770.38	\$445.67	\$317.12	\$1,000,000	\$855.98	\$495.19	\$352.36	\$534,900	\$457.86	\$264.88	\$188.47	\$861,900	\$737.77	\$426.80	\$303.69
2024	\$800,000	\$678.69	\$381.44	\$265.66	\$900,000	\$763.52	\$429.12	\$298.87	\$1,000,000	\$848.36	\$476.80	\$332.08	\$534,900	\$453.79	\$255.04	\$177.63	\$861,900	\$731.20	\$410.95	\$286.22
2025	\$800,000	\$788.79	\$477.38	\$344.76	\$900,000	\$887.39	\$537.05	\$387.85	\$1,000,000	\$985.99	\$596.72	\$430.94	\$534,900	\$527.40	\$319.19	\$230.51	\$861,900	\$849.82	\$514.31	\$371.43
2026	\$800,000	\$781.14	\$447.78	\$313.65	\$900,000	\$878.78	\$503.76	\$352.86	\$1,000,000	\$976.43	\$559.73	\$392.07	\$534,900	\$522.29	\$299.40	\$209.72	\$861,900	\$841.58	\$482.43	\$337.92
2027	\$800,000	\$889.69	\$490.33	\$339.35	\$900,000	\$1,000.90	\$551.62	\$381.77	\$1,000,000	\$1,112.11	\$612.91	\$424.19	\$534,900	\$594.87	\$327.84	\$226.90	\$861,900	\$958.53	\$528.26	\$365.61
2028	\$800,000	\$880.49	\$475.57	\$323.09	\$900,000	\$990.55	\$535.01	\$363.47	\$1,000,000	\$1,100.61	\$594.46	\$403.86	\$534,900	\$588.72	\$317.98	\$216.02	\$861,900	\$948.61	\$512.36	\$348.08
2029	\$800,000	\$987.48	\$577.00	\$407.68	\$900,000	\$1,110.91	\$649.13	\$458.63	\$1,000,000	\$1,234.35	\$721.25	\$509.59	\$534,900	\$660.25	\$385.80	\$272.58	\$861,900	\$1,063.89	\$621.65	\$439.22
2030	\$800,000	\$976.72	\$558.84	\$388.01	\$900,000	\$1,098.81	\$628.70	\$436.51	\$1,000,000	\$1,220.90	\$698.55	\$485.01	\$534,900	\$653.06	\$373.66	\$259.43	\$861,900	\$1,052.30	\$602.08	\$418.03
2031	\$800,000	\$1,082.16	\$658.80	\$471.12	\$900,000	\$1,217.43	\$741.15	\$530.01	\$1,000,000	\$1,352.70	\$823.50	\$588.90	\$534,900	\$723.56	\$440.49	\$315.00	\$861,900	\$1,165.89	\$709.78	\$507.58
2032	\$800,000	\$1,044.71	\$615.87	\$426.69	\$900,000	\$1,175.30	\$692.86	\$480.02	\$1,000,000	\$1,305.89	\$769.84	\$533.36	\$534,900	\$698.52	\$411.79	\$285.29	\$861,900	\$1,125.54	\$663.53	\$459.70
2033	\$800,000	\$1,032.40	\$493.62	\$304.44	\$900,000	\$1,161.45	\$555.33	\$342.49	\$1,000,000	\$1,290.50	\$617.03	\$380.54	\$534,900	\$690.29	\$330.05	\$203.55	\$861,900	\$1,112.28	\$531.82	\$327.99
2034	\$800,000	\$1,020.09	\$429.27	\$240.08	\$900,000	\$1,147.60	\$482.93	\$270.09	\$1,000,000	\$1,275.11	\$536.59	\$300.10	\$534,900	\$682.06	\$287.02	\$160.52	\$861,900	\$1,099.02	\$462.48	\$258.66
2035	\$800,000	\$1,007.78	\$416.96	\$227.77	\$900,000	\$1,133.75	\$469.08	\$256.24	\$1,000,000	\$1,259.72	\$521.20	\$284.71	\$534,900	\$673.83	\$278.79	\$152.29	\$861,900	\$1,085.76	\$449.22	\$245.40
2036	\$800,000	\$995.47	\$404.65	\$215.46	\$900,000	\$1,119.90	\$455.23	\$242.39	\$1,000,000	\$1,244.33	\$505.81	\$269.33	\$534,900	\$665.59	\$270.56	\$144.06	\$861,900	\$1,072.49	\$435.96	\$232.13
2037	\$800,000	\$983.16	\$392.34	\$203.15	\$900,000	\$1,106.05	\$441.38	\$228.54	\$1,000,000	\$1,228.95	\$490.42	\$253.94	\$534,900	\$657.36	\$262.33	\$135.83	\$861,900	\$1,059.23	\$422.70	\$218.87
2038	\$800,000	\$970.85	\$380.03	\$190.84	\$900,000	\$1,092.20	\$427.53	\$214.70	\$1,000,000	\$1,213.56	\$475.03	\$238.55	\$534,900	\$649.13	\$254.10	\$127.60	\$861,900	\$1,045.97	\$409.43	\$205.61
2039	\$800,000	\$958.54	\$367.72	\$178.53	\$900,000	\$1,078.35	\$413.68	\$200.85	\$1,000,000	\$1,198.17	\$459.65	\$223.16	\$534,900	\$640.90	\$245.86	\$119.37	\$861,900	\$1,032.70	\$396.17	\$192.34
2040	\$800,000	\$946.23	\$355.41	\$166.22	\$900,000	\$1,064.50	\$399.83	\$187.00	\$1,000,000	\$1,182.78	\$444.26	\$207.77	\$534,900	\$632.67	\$237.63	\$111.14	\$861,900	\$1,019.44	\$382.91	\$179.08
2041	\$800,000	\$929.31	\$338.49	\$149.30	\$900,000	\$1,045.47	\$380.80	\$167.96	\$1,000,000	\$1,161.64	\$423.11	\$186.63	\$534,900	\$621.36	\$226.32	\$99.83	\$861,900	\$1,001.21	\$364.68	\$160.85
2042	\$800,000	\$866.36	\$275.54	\$86.35	\$900,000	\$974.65	\$309.98	\$97.14	\$1,000,000	\$1,082.95	\$344.42	\$107.94	\$534,900	\$579.27	\$184.23	\$57.74	\$861,900	\$933.39	\$296.86	\$93.03
2043	\$800,000	\$855.31	\$264.49	\$75.30	\$900,000	\$962.22	\$297.55	\$84.71	\$1,000,000	\$1,069.13	\$330.61	\$94.13	\$534,900	\$571.88	\$176.84	\$50.35	\$861,900	\$921.49	\$284.95	\$81.13
2044	\$800,000	\$844.26	\$253.44	\$64.25	\$900,000	\$949.79	\$285.12	\$72.28	\$1,000,000	\$1,055.32	\$316.80	\$80.31	\$534,900	\$564.49	\$169.46	\$42.96	\$861,900	\$909.58	\$273.05	\$69.22
2045	\$800,000	\$763.65	\$172.83	-\$16.36	\$900,000	\$859.11	\$194.43	-\$18.40	\$1,000,000	\$954.56	\$216.04	-\$20.45	\$534,900	\$510.60	\$115.56	-\$10.94	\$861,900	\$822.74	\$186.20	-\$17.62
2046	\$800,000	\$752.98	\$162.16	-\$27.03	\$900,000	\$847.10	\$182.43	-\$30.40	\$1,000,000	\$941.23	\$202.70	-\$33.78	\$534,900	\$503.46	\$108.43	-\$18.07	\$861,900	\$811.24	\$174.71	-\$29.12
2047	\$800,000	\$672.75	\$81.94	-\$107.25	\$900,000	\$756.85	\$92.18	-\$120.66	\$1,000,000	\$840.94	\$102.42	-\$134.07	\$534,900	\$449.82	\$54.78	-\$71.71	\$861,900	\$724.81	\$88.28	-\$115.55
2048	\$800,000	\$662.47	\$71.65	-\$117.54	\$900,000	\$745.28	\$80.60	-\$132.23	\$1,000,000	\$828.08	\$89.56	-\$146.92	\$534,900	\$442.94	\$47.91	-\$78.59	\$861,900	\$713.73	\$77.19	-\$126.63
2049	\$800,000	\$582.62	-\$8.20	-\$197.39	\$900,000	\$655.45	-\$9.22	-\$222.06	\$1,000,000	\$728.28	-\$10.25	-\$246.73	\$534,900	\$389.56	-\$5.48	-\$131.98	\$861,900	\$627.70	-\$8.83	-\$212.66
2050	\$800,000	\$572.72	-\$18.10	-\$207.29	\$900,000	\$644.30	-\$20.37	-\$233.20	\$1,000,000	\$715.89	-\$22.63	-\$259.11	\$534,900	\$382.93	-\$12.10	-\$138.60	\$861,900	\$617.03	-\$19.50	-\$223.33
2051	\$800,000	\$493.25	-\$97.57	-\$286.76	\$900,000	\$554.91	-\$109.76	-\$322.60	\$1,000,000	\$616.56	-\$121.96	-\$358.44	\$534,900	\$329.80	-\$65.24	-\$191.73	\$861,900	\$531.42	-\$105.12	-\$308.94
2052	\$800,000	\$386.66	-\$204.16	-\$393.35	\$900,000	\$434.99	-\$229.68	-\$442.52	\$1,000,000	\$483.32	-\$255.20	-\$491.68	\$534,900	\$258.53	-\$136.51	-\$263.00	\$861,900	\$416.58	-\$219.96	-\$423.78
2053	\$800,000	\$309.33	-\$281.49	-\$470.68	\$900,000	\$347.99	-\$316.68	-\$529.51	\$1,000,000	\$386.66	-\$351.86	-\$588.35	\$534,900	\$206.82	-\$188.21	-\$314.71	\$861,900	\$333.26	-\$303.27	-\$507.10
2054	\$800,000	\$303.11	-\$287.71	-\$476.90	\$900,000	\$341.00	-\$323.67	-\$536.51	\$1,000,000	\$378.89	-\$359.64	-\$596.12	\$534,900	\$202.67	-\$192.37	-\$318.87	\$861,900	\$326.56	-\$309.97	-\$513.80
2055	\$800,000	\$227.33	-\$363.49	-\$552.67	\$900,000	\$255.75	-\$408.92	-\$621.76	\$1,000,000	\$284.17	-\$454.36	-\$690.84	\$534,900	\$152.00	-\$243.04	-\$369.53	\$861,900	\$244.92	-\$391.61	-\$595.44
2056	\$800,000	\$222.67	-\$368.15	-\$557.34	\$900,000	\$250.50	-\$414.17	-\$627.00	\$1,000,000	\$278.34	-\$460.19	-\$696.67	\$534,900	\$148.88	-\$246.15	-\$372.65	\$861,900	\$239.90	-\$396.64	-\$600.46
2057	\$800,000	\$148.45	-\$442.37	-\$631.56	\$900,000	\$167.00	-\$497.67	-\$710.51	\$1,000,000	\$185.56	-\$552.97	-\$789.45	\$534,900	\$99.25	-\$295.78	-\$422.28	\$861,900	\$159.93	-\$476.60	-\$680

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Property Tax Summary
 (2% SRF Interest Rate for Collection System)

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Fiscal Year	Tax Rate No Offset per Thousand Assessed Value	Tax Rate with Over/Under per Thousand Assessed Value	Tax Rate with Over/Under & Sewer Revenue per Thousand Assessed Value	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset
2009	\$0.01	\$0.00	\$0.00	\$300,000	\$1.89	\$0.00	\$0.00	\$400,000	\$2.51	\$0.00	\$0.00	\$500,000	\$3.14	\$0.00	\$0.00	\$600,000	\$3.77	\$0.00	\$0.00	\$700,000	\$4.40	\$0.00	\$0.00
2010	\$0.03	\$0.00	\$0.00	\$300,000	\$9.43	\$0.00	\$0.00	\$400,000	\$12.57	\$0.00	\$0.00	\$500,000	\$15.71	\$0.00	\$0.00	\$600,000	\$18.86	\$0.00	\$0.00	\$700,000	\$22.00	\$0.00	\$0.00
2011	\$0.04	-0.15	\$0.00	\$300,000	\$12.97	-\$45.15	\$0.00	\$400,000	\$17.30	-\$60.20	\$0.00	\$500,000	\$21.62	-\$75.25	\$0.00	\$600,000	\$25.94	-\$90.30	\$0.00	\$700,000	\$30.27	-\$105.35	\$0.00
2012	\$0.36	0.13	\$0.13	\$300,000	\$107.48	\$39.68	\$37.56	\$400,000	\$143.31	\$52.91	\$50.08	\$500,000	\$179.14	\$66.13	\$62.60	\$600,000	\$214.97	\$79.36	\$75.12	\$700,000	\$250.80	\$92.58	\$87.63
2013	\$0.35	0.47	\$0.44	\$300,000	\$106.12	\$140.81	\$132.37	\$400,000	\$141.49	\$187.74	\$176.49	\$500,000	\$176.86	\$234.68	\$220.62	\$600,000	\$212.24	\$281.62	\$264.74	\$700,000	\$247.61	\$328.55	\$308.86
2014	\$0.35	0.44	\$0.41	\$300,000	\$104.75	\$131.75	\$122.74	\$400,000	\$139.67	\$175.66	\$163.66	\$500,000	\$174.59	\$219.58	\$204.57	\$600,000	\$209.51	\$263.49	\$245.48	\$700,000	\$244.43	\$307.41	\$286.40
2015	\$0.49	0.50	\$0.45	\$300,000	\$147.20	\$151.38	\$136.06	\$400,000	\$196.26	\$201.84	\$181.41	\$500,000	\$245.33	\$252.30	\$226.77	\$600,000	\$294.39	\$302.76	\$272.12	\$700,000	\$343.46	\$353.22	\$317.47
2016	\$0.48	0.46	\$0.41	\$300,000	\$145.48	\$138.59	\$122.70	\$400,000	\$193.98	\$184.78	\$163.60	\$500,000	\$242.47	\$230.98	\$204.50	\$600,000	\$290.97	\$277.18	\$245.40	\$700,000	\$339.46	\$323.37	\$286.30
2017	\$0.62	0.58	\$0.50	\$300,000	\$187.34	\$173.45	\$151.24	\$400,000	\$249.79	\$231.26	\$201.66	\$500,000	\$312.24	\$289.08	\$252.07	\$600,000	\$374.69	\$346.89	\$302.49	\$700,000	\$437.14	\$404.71	\$352.90
2018	\$0.62	0.50	\$0.43	\$300,000	\$185.05	\$151.48	\$128.71	\$400,000	\$246.73	\$201.97	\$171.61	\$500,000	\$308.41	\$252.46	\$214.51	\$600,000	\$370.10	\$302.95	\$257.41	\$700,000	\$431.78	\$353.44	\$300.32
2019	\$0.75	0.54	\$0.44	\$300,000	\$226.33	\$161.88	\$132.80	\$400,000	\$301.77	\$215.84	\$177.06	\$500,000	\$377.21	\$269.80	\$221.33	\$600,000	\$452.65	\$323.76	\$265.59	\$700,000	\$528.09	\$377.72	\$309.86
2020	\$0.74	0.42	\$0.32	\$300,000	\$223.45	\$125.67	\$96.02	\$400,000	\$297.93	\$167.56	\$128.02	\$500,000	\$372.41	\$209.45	\$160.03	\$600,000	\$446.89	\$251.34	\$192.04	\$700,000	\$521.37	\$293.23	\$224.04
2021	\$0.88	0.54	\$0.42	\$300,000	\$264.14	\$163.13	\$127.16	\$400,000	\$352.19	\$217.51	\$169.55	\$500,000	\$440.23	\$271.88	\$211.94	\$600,000	\$528.28	\$326.26	\$254.33	\$700,000	\$616.33	\$380.64	\$296.71
2022	\$0.87	0.52	\$0.40	\$300,000	\$260.68	\$155.68	\$119.14	\$400,000	\$347.57	\$207.57	\$158.86	\$500,000	\$434.46	\$259.46	\$198.57	\$600,000	\$521.36	\$311.35	\$238.28	\$700,000	\$608.25	\$363.24	\$278.00
2023	\$1.00	0.64	\$0.50	\$300,000	\$300.79	\$192.55	\$149.70	\$400,000	\$401.05	\$256.74	\$199.61	\$500,000	\$501.32	\$320.92	\$249.51	\$600,000	\$601.58	\$385.11	\$299.41	\$700,000	\$701.84	\$449.29	\$349.31
2024	\$0.99	0.62	\$0.47	\$300,000	\$296.75	\$185.28	\$141.86	\$400,000	\$395.66	\$247.04	\$189.15	\$500,000	\$494.58	\$308.79	\$236.43	\$600,000	\$593.49	\$370.55	\$283.72	\$700,000	\$692.41	\$432.31	\$331.01
2025	\$1.12	0.73	\$0.57	\$300,000	\$336.27	\$219.49	\$169.76	\$400,000	\$448.36	\$292.66	\$226.35	\$500,000	\$560.46	\$365.82	\$282.94	\$600,000	\$672.55	\$438.99	\$339.52	\$700,000	\$784.64	\$512.15	\$396.11
2026	\$1.11	0.69	\$0.52	\$300,000	\$331.65	\$206.64	\$156.34	\$400,000	\$442.19	\$275.52	\$208.45	\$500,000	\$552.74	\$344.39	\$260.56	\$600,000	\$663.29	\$413.27	\$312.68	\$700,000	\$773.84	\$482.15	\$364.79
2027	\$1.24	0.74	\$0.55	\$300,000	\$370.59	\$220.83	\$164.22	\$400,000	\$494.12	\$294.44	\$218.95	\$500,000	\$617.65	\$368.05	\$273.69	\$600,000	\$741.18	\$441.66	\$328.43	\$700,000	\$864.71	\$515.27	\$383.17
2028	\$1.22	0.71	\$0.52	\$300,000	\$365.38	\$213.54	\$156.36	\$400,000	\$487.17	\$284.71	\$208.47	\$500,000	\$608.97	\$355.89	\$260.59	\$600,000	\$730.76	\$427.07	\$312.71	\$700,000	\$852.56	\$498.25	\$364.83
2029	\$1.35	0.83	\$0.62	\$300,000	\$403.74	\$249.81	\$186.32	\$400,000	\$538.32	\$333.09	\$248.42	\$500,000	\$672.91	\$416.36	\$310.53	\$600,000	\$807.49	\$499.63	\$372.63	\$700,000	\$942.07	\$582.90	\$434.74
2030	\$1.33	0.80	\$0.59	\$300,000	\$397.95	\$241.24	\$177.18	\$400,000	\$530.60	\$321.66	\$236.24	\$500,000	\$663.25	\$402.07	\$295.30	\$600,000	\$795.90	\$482.49	\$354.36	\$700,000	\$928.55	\$562.90	\$413.42
2031	\$1.45	0.92	\$0.69	\$300,000	\$435.73	\$276.97	\$206.59	\$400,000	\$580.97	\$369.29	\$275.45	\$500,000	\$726.22	\$461.62	\$344.32	\$600,000	\$871.46	\$553.94	\$413.18	\$700,000	\$1,016.70	\$646.26	\$482.04
2032	\$1.40	0.86	\$0.63	\$300,000	\$419.93	\$259.11	\$188.17	\$400,000	\$559.90	\$345.48	\$250.89	\$500,000	\$699.88	\$431.85	\$313.61	\$600,000	\$839.85	\$518.22	\$376.33	\$700,000	\$979.83	\$604.59	\$439.05
2033	\$1.38	0.71	\$0.47	\$300,000	\$413.55	\$211.51	\$140.56	\$400,000	\$551.40	\$282.01	\$187.42	\$500,000	\$689.25	\$352.51	\$234.27	\$600,000	\$827.10	\$423.02	\$281.12	\$700,000	\$964.95	\$493.52	\$327.98
2034	\$1.36	0.62	\$0.38	\$300,000	\$407.17	\$185.62	\$114.67	\$400,000	\$542.90	\$247.49	\$152.89	\$500,000	\$678.62	\$309.36	\$191.12	\$600,000	\$814.34	\$371.23	\$229.34	\$700,000	\$950.07	\$433.10	\$267.56
2035	\$1.34	0.60	\$0.36	\$300,000	\$400.80	\$179.24	\$108.29	\$400,000	\$534.39	\$238.99	\$144.39	\$500,000	\$667.99	\$298.73	\$180.49	\$600,000	\$801.59	\$358.48	\$216.59	\$700,000	\$935.19	\$418.22	\$252.69
2036	\$1.31	0.58	\$0.34	\$300,000	\$394.42	\$172.86	\$101.92	\$400,000	\$525.89	\$230.48	\$135.89	\$500,000	\$657.37	\$288.10	\$169.86	\$600,000	\$788.84	\$345.73	\$203.83	\$700,000	\$920.31	\$403.35	\$237.81
2037	\$1.29	0.55	\$0.32	\$300,000	\$388.04	\$166.49	\$95.54	\$400,000	\$517.39	\$221.98	\$127.39	\$500,000	\$646.74	\$277.48	\$159.24	\$600,000	\$776.09	\$332.97	\$191.08	\$700,000	\$905.44	\$388.47	\$222.93
2038	\$1.27	0.53	\$0.30	\$300,000	\$381.67	\$160.11	\$89.16	\$400,000	\$508.89	\$213.48	\$118.89	\$500,000	\$636.11	\$266.85	\$148.61	\$600,000	\$763.33	\$320.22	\$178.33	\$700,000	\$890.56	\$373.59	\$208.05
2039	\$1.25	0.51	\$0.28	\$300,000	\$375.29	\$153.73	\$82.79	\$400,000	\$500.39	\$204.98	\$110.38	\$500,000	\$625.49	\$256.22	\$137.98	\$600,000	\$750.58	\$307.47	\$165.58	\$700,000	\$875.68	\$358.71	\$193.17
2040	\$1.23	0.49	\$0.25	\$300,000	\$368.91	\$147.36	\$76.41	\$400,000	\$491.89	\$196.48	\$101.88	\$500,000	\$614.86	\$245.60	\$127.35	\$600,000	\$737.83	\$294.72	\$152.82	\$700,000	\$860.80	\$343.83	\$178.30
2041	\$1.20	0.46	\$0.23	\$300,000	\$360.81	\$139.25	\$68.31	\$400,000	\$481.08	\$185.67	\$91.08	\$500,000	\$601.35	\$232.09	\$113.85	\$600,000	\$721.62	\$278.51	\$136.62	\$700,000	\$841.89	\$324.93	\$159.39
2042	\$1.12	0.38	\$0.14	\$300,000	\$335.44	\$113.89	\$42.94	\$400,000	\$447.26	\$151.85	\$57.26	\$500,000	\$559.07	\$189.81	\$71.57	\$600,000	\$670.89	\$227.78	\$85.88	\$700,000	\$782.70	\$265.74	\$100.20
2043	\$1.10	0.36	\$0.12	\$300,000	\$329.54	\$107.98	\$37.04	\$400,000	\$439.39	\$143.98	\$49.38	\$500,000	\$549.24	\$179.97	\$61.73	\$600,000	\$659.08	\$215.97	\$74.08	\$700,000	\$768.93	\$251.96	\$86.42
2044	\$1.08	0.34	\$0.10	\$300,000	\$323.64	\$102.08	\$31.14	\$400,000	\$431.52	\$136.11	\$41.51	\$500,000	\$539.40	\$170.13	\$51.89	\$600,000	\$647.28	\$204.16	\$62.27	\$700,000	\$755.15	\$238.19	\$72.65
2045	\$0.97	0.23	\$0.00	\$300,000	\$291.65	\$70.09	-\$0.85	\$400,000	\$388.87	\$93.46	-\$1.14	\$500,000	\$486.08	\$116.82	-\$1.42	\$600,000	\$583.30	\$140.18	-\$1.71	\$700,000	\$680.52	\$163.55	-\$1.99
2046	\$0.95	0.22	-\$0.02	\$300,000	\$286.33	\$64.77	-\$6.17	\$400,000	\$381.77	\$86.36	-\$8.23	\$500,000	\$477.21	\$107.95	-\$10.29	\$600,000	\$572.66	\$129.54	-\$12.35	\$700,000	\$668.10	\$151.13	-\$14.41
2047	\$0.85	0.11	-\$0.13	\$300,000	\$254.92	\$33.37	-\$37.58	\$400,000	\$339.90	\$44.49	-\$50.11	\$500,000	\$424.87	\$55.61	-\$62.63	\$600,000	\$509.85	\$66.73	-\$75.16	\$700,000	\$594.82	\$77.85	-\$87.68
2048	\$0.83	0.10	-\$0.14	\$300,000	\$250.19	\$28.63	-\$42.32	\$400,000	\$333.58	\$38.17	-\$56.42	\$500,000	\$416.98	\$47.71	-\$70.53	\$600,000	\$500.37	\$57.26	-\$84.63	\$700,000	\$583.77	\$66.80	-\$98.74
2049	\$0.73	-0.01	-\$0.24	\$300,000	\$219.36	-\$2.19	-\$73.14	\$400,000	\$292.48	-\$2.93	-\$97.52	\$500,000	\$365.61	-\$3.66	-\$121.90	\$600,000	\$438.73	-\$4.39	-\$146.28	\$700,000	\$511.85	-\$5.12	-\$170.66
2050	\$0.72	-0.02	-\$0.26	\$300,000	\$215.21	-\$6.35	-\$77.29	\$400,000	\$286.94	-\$8.46	-\$103.06	\$500,000	\$358.68	-\$10.58	-\$128.82	\$600,000	\$430.42	-\$12.70	-\$154.59	\$700,000	\$502.15	-\$14.81	-\$180.35
2051	\$0.62	-0.12	-\$0.36	\$300,000	\$184.97	-\$36.59	-\$107.53	\$400,000	\$246.63	-\$48.78	-\$143.38	\$500,000	\$308.28	-\$60.98	-\$179.22	\$600,000	\$369.94	-\$73.18	-\$215.07	\$700,000	\$431.59	-\$85.37	-\$250.91
2052	\$0.48	-0.26	-\$0.49	\$300,000	\$145.00	-\$76.56	-\$147.51	\$400,000	\$193.33	-\$102.08	-\$196.67	\$500,000	\$241.66	-\$127.60	-\$245.84	\$600,000	\$289.99	-\$153.12	-\$295.01	\$700,000	\$338.33	-\$178.64	-\$344.18
2053	\$0.39	-0.35	-\$0.59	\$300,000	\$116.00	-\$105.56	-\$176.50	\$400,000	\$154.66	-\$140.75	-\$235.34	\$500,000	\$193.33	-\$175.93	-\$234.17	\$600,000	\$232.00	-\$211.12	-\$35				

Comprehensive Wastewater Management Plan
Total Phase 1 Costs
Property Tax Summary
 (2% SRF Interest Rate for Collection System)

Fiscal Year	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Property Value	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Residential Property Value FY10 Median (\$534,900)	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset	Residential Property Value FY10 Mean (\$861,900)	Property Tax - No Offset	Property Tax - with Over/Under Offset	Property Tax - with Over/Under & Sewer Revenue Offset
2009	\$800,000	\$5.03	\$0.00	\$0.00	\$900,000	\$5.66	\$0.00	\$0.00	\$1,000,000	\$6.29	\$0.00	\$0.00	\$534,900	\$3.36	\$0.00	\$0.00	\$861,900	\$5.42	\$0.00	\$0.00
2010	\$800,000	\$25.14	\$0.00	\$0.00	\$900,000	\$28.28	\$0.00	\$0.00	\$1,000,000	\$31.43	\$0.00	\$0.00	\$534,900	\$16.81	\$0.00	\$0.00	\$861,900	\$27.09	\$0.00	\$0.00
2011	\$800,000	\$34.59	-\$120.40	\$0.00	\$900,000	\$38.91	-\$135.45	\$0.00	\$1,000,000	\$43.24	-\$150.50	\$0.00	\$534,900	\$23.13	-\$80.50	\$0.00	\$861,900	\$37.27	-\$129.72	\$0.00
2012	\$800,000	\$286.62	\$105.81	\$100.15	\$900,000	\$322.45	\$119.04	\$112.67	\$1,000,000	\$358.28	\$132.26	\$125.19	\$534,900	\$191.64	\$70.75	\$66.97	\$861,900	\$308.80	\$114.00	\$107.90
2013	\$800,000	\$282.98	\$375.49	\$352.99	\$900,000	\$318.36	\$422.42	\$397.11	\$1,000,000	\$353.73	\$469.36	\$441.23	\$534,900	\$189.21	\$251.06	\$236.02	\$861,900	\$304.88	\$404.54	\$380.30
2014	\$800,000	\$279.34	\$351.32	\$327.31	\$900,000	\$314.26	\$395.24	\$368.23	\$1,000,000	\$349.18	\$439.15	\$409.14	\$534,900	\$186.78	\$234.90	\$218.85	\$861,900	\$300.96	\$378.51	\$352.64
2015	\$800,000	\$392.52	\$403.68	\$362.83	\$900,000	\$441.59	\$454.14	\$408.18	\$1,000,000	\$490.66	\$504.60	\$453.53	\$534,900	\$262.45	\$269.91	\$242.59	\$861,900	\$422.90	\$434.92	\$390.90
2016	\$800,000	\$387.96	\$369.57	\$327.21	\$900,000	\$436.45	\$415.76	\$368.11	\$1,000,000	\$484.95	\$461.96	\$409.01	\$534,900	\$259.40	\$247.10	\$218.78	\$861,900	\$417.97	\$398.16	\$352.52
2017	\$800,000	\$499.58	\$462.52	\$403.32	\$900,000	\$562.03	\$520.34	\$453.73	\$1,000,000	\$624.48	\$578.16	\$504.15	\$534,900	\$334.03	\$309.26	\$269.67	\$861,900	\$538.24	\$498.31	\$434.52
2018	\$800,000	\$493.46	\$403.93	\$343.22	\$900,000	\$555.14	\$454.43	\$386.12	\$1,000,000	\$616.83	\$504.92	\$429.02	\$534,900	\$329.94	\$270.08	\$229.48	\$861,900	\$531.64	\$435.19	\$369.77
2019	\$800,000	\$603.53	\$431.68	\$354.12	\$900,000	\$678.98	\$485.64	\$398.39	\$1,000,000	\$754.42	\$539.60	\$442.65	\$534,900	\$403.54	\$288.63	\$236.77	\$861,900	\$650.23	\$465.08	\$381.52
2020	\$800,000	\$595.86	\$335.12	\$256.05	\$900,000	\$670.34	\$377.01	\$288.05	\$1,000,000	\$744.82	\$418.89	\$320.06	\$534,900	\$398.40	\$224.07	\$171.20	\$861,900	\$641.96	\$361.05	\$275.86
2021	\$800,000	\$704.37	\$435.02	\$339.10	\$900,000	\$792.42	\$489.39	\$381.49	\$1,000,000	\$880.47	\$543.77	\$423.88	\$534,900	\$470.96	\$290.86	\$226.73	\$861,900	\$758.88	\$468.68	\$365.34
2022	\$800,000	\$695.14	\$415.13	\$317.71	\$900,000	\$782.04	\$467.03	\$357.43	\$1,000,000	\$868.93	\$518.92	\$397.14	\$534,900	\$464.79	\$277.57	\$212.43	\$861,900	\$748.93	\$447.26	\$342.30
2023	\$800,000	\$802.11	\$513.48	\$399.21	\$900,000	\$902.37	\$577.66	\$449.11	\$1,000,000	\$1,002.63	\$641.85	\$499.01	\$534,900	\$536.31	\$343.32	\$266.92	\$861,900	\$864.17	\$553.21	\$430.10
2024	\$800,000	\$791.32	\$494.07	\$378.30	\$900,000	\$890.24	\$555.83	\$425.58	\$1,000,000	\$989.15	\$617.59	\$472.87	\$534,900	\$529.10	\$330.35	\$252.94	\$861,900	\$852.55	\$532.30	\$407.57
2025	\$800,000	\$896.73	\$585.32	\$452.70	\$900,000	\$1,008.82	\$658.48	\$509.28	\$1,000,000	\$1,120.91	\$731.65	\$565.87	\$534,900	\$599.58	\$391.36	\$302.68	\$861,900	\$966.11	\$630.60	\$487.72
2026	\$800,000	\$884.39	\$551.03	\$416.90	\$900,000	\$994.94	\$619.91	\$469.02	\$1,000,000	\$1,105.49	\$688.79	\$521.13	\$534,900	\$591.32	\$368.43	\$278.75	\$861,900	\$952.82	\$593.67	\$449.16
2027	\$800,000	\$988.24	\$588.88	\$437.91	\$900,000	\$1,111.77	\$662.49	\$492.65	\$1,000,000	\$1,235.30	\$736.10	\$547.38	\$534,900	\$660.76	\$393.74	\$292.80	\$861,900	\$1,064.71	\$634.44	\$471.79
2028	\$800,000	\$974.35	\$569.43	\$416.95	\$900,000	\$1,096.14	\$640.61	\$469.07	\$1,000,000	\$1,217.94	\$711.79	\$521.18	\$534,900	\$651.47	\$380.73	\$278.78	\$861,900	\$1,049.74	\$613.49	\$449.21
2029	\$800,000	\$1,076.65	\$666.17	\$496.84	\$900,000	\$1,211.23	\$749.44	\$558.95	\$1,000,000	\$1,345.81	\$832.71	\$621.06	\$534,900	\$719.87	\$445.42	\$332.20	\$861,900	\$1,159.95	\$717.72	\$535.29
2030	\$800,000	\$1,061.20	\$643.32	\$472.48	\$900,000	\$1,193.85	\$723.73	\$531.54	\$1,000,000	\$1,326.50	\$804.15	\$590.60	\$534,900	\$709.54	\$430.14	\$315.91	\$861,900	\$1,143.31	\$693.09	\$509.04
2031	\$800,000	\$1,161.94	\$738.59	\$550.91	\$900,000	\$1,307.19	\$830.91	\$619.77	\$1,000,000	\$1,452.43	\$923.23	\$688.63	\$534,900	\$776.91	\$493.84	\$368.35	\$861,900	\$1,251.85	\$795.73	\$593.53
2032	\$800,000	\$1,119.80	\$690.96	\$501.78	\$900,000	\$1,259.78	\$777.33	\$564.50	\$1,000,000	\$1,399.75	\$863.70	\$627.22	\$534,900	\$748.73	\$462.00	\$335.50	\$861,900	\$1,206.44	\$744.43	\$540.60
2033	\$800,000	\$1,102.80	\$564.02	\$374.83	\$900,000	\$1,240.65	\$634.52	\$421.69	\$1,000,000	\$1,378.50	\$705.03	\$468.54	\$534,900	\$737.36	\$377.12	\$250.62	\$861,900	\$1,188.13	\$607.66	\$403.84
2034	\$800,000	\$1,085.79	\$494.97	\$305.79	\$900,000	\$1,221.52	\$556.85	\$344.01	\$1,000,000	\$1,357.24	\$618.72	\$382.23	\$534,900	\$725.99	\$330.95	\$204.46	\$861,900	\$1,169.81	\$533.27	\$329.45
2035	\$800,000	\$1,068.79	\$477.97	\$288.78	\$900,000	\$1,202.39	\$537.72	\$324.88	\$1,000,000	\$1,335.99	\$597.46	\$360.98	\$534,900	\$714.62	\$319.58	\$193.09	\$861,900	\$1,151.49	\$514.95	\$311.13
2036	\$800,000	\$1,051.79	\$460.97	\$271.78	\$900,000	\$1,183.26	\$518.59	\$305.75	\$1,000,000	\$1,314.73	\$576.21	\$339.72	\$534,900	\$703.25	\$308.21	\$181.72	\$861,900	\$1,133.17	\$496.64	\$292.81
2037	\$800,000	\$1,034.78	\$443.96	\$254.78	\$900,000	\$1,164.13	\$499.46	\$286.62	\$1,000,000	\$1,293.48	\$554.96	\$318.47	\$534,900	\$691.88	\$296.85	\$170.35	\$861,900	\$1,114.85	\$478.32	\$274.49
2038	\$800,000	\$1,017.78	\$426.96	\$237.77	\$900,000	\$1,145.00	\$480.33	\$267.49	\$1,000,000	\$1,272.22	\$533.70	\$297.22	\$534,900	\$680.51	\$285.48	\$158.98	\$861,900	\$1,096.53	\$460.00	\$256.17
2039	\$800,000	\$1,000.78	\$409.96	\$220.77	\$900,000	\$1,125.87	\$461.20	\$248.37	\$1,000,000	\$1,250.97	\$512.45	\$275.96	\$534,900	\$669.14	\$274.11	\$147.61	\$861,900	\$1,078.21	\$441.68	\$237.85
2040	\$800,000	\$983.77	\$392.95	\$203.77	\$900,000	\$1,106.74	\$442.07	\$229.24	\$1,000,000	\$1,229.72	\$491.19	\$254.71	\$534,900	\$657.78	\$262.74	\$136.24	\$861,900	\$1,059.89	\$423.36	\$219.53
2041	\$800,000	\$962.16	\$371.34	\$182.16	\$900,000	\$1,082.43	\$417.76	\$204.93	\$1,000,000	\$1,202.70	\$464.18	\$227.70	\$534,900	\$643.33	\$248.29	\$121.79	\$861,900	\$1,036.61	\$400.08	\$196.25
2042	\$800,000	\$894.52	\$303.70	\$114.51	\$900,000	\$1,006.33	\$341.66	\$128.83	\$1,000,000	\$1,118.15	\$379.63	\$143.14	\$534,900	\$598.10	\$203.06	\$76.57	\$861,900	\$963.73	\$327.20	\$123.37
2043	\$800,000	\$878.78	\$287.96	\$98.77	\$900,000	\$988.62	\$323.95	\$111.12	\$1,000,000	\$1,098.47	\$359.95	\$123.46	\$534,900	\$587.57	\$192.54	\$66.04	\$861,900	\$946.77	\$310.24	\$106.41
2044	\$800,000	\$863.03	\$272.22	\$83.03	\$900,000	\$970.91	\$306.24	\$93.41	\$1,000,000	\$1,078.79	\$340.27	\$103.78	\$534,900	\$577.05	\$182.01	\$55.51	\$861,900	\$929.81	\$293.28	\$89.45
2045	\$800,000	\$777.73	\$186.91	-\$2.27	\$900,000	\$874.95	\$210.28	-\$2.56	\$1,000,000	\$972.16	\$233.64	-\$2.84	\$534,900	\$520.01	\$124.97	-\$1.52	\$861,900	\$837.91	\$201.38	-\$2.45
2046	\$800,000	\$763.54	\$172.72	-\$16.46	\$900,000	\$858.99	\$194.32	-\$18.52	\$1,000,000	\$954.43	\$215.91	-\$20.58	\$534,900	\$510.52	\$115.49	-\$11.01	\$861,900	\$822.62	\$186.09	-\$17.74
2047	\$800,000	\$679.80	\$88.98	-\$100.21	\$900,000	\$764.77	\$100.10	-\$112.74	\$1,000,000	\$849.74	\$111.22	-\$125.26	\$534,900	\$454.53	\$59.49	-\$67.00	\$861,900	\$732.39	\$95.86	-\$107.96
2048	\$800,000	\$667.16	\$76.34	-\$112.84	\$900,000	\$750.56	\$85.89	-\$126.95	\$1,000,000	\$833.95	\$95.43	-\$141.06	\$534,900	\$446.08	\$51.04	-\$75.45	\$861,900	\$718.78	\$82.25	-\$121.58
2049	\$800,000	\$584.97	-\$5.85	-\$195.04	\$900,000	\$658.09	-\$6.58	-\$219.42	\$1,000,000	\$731.21	-\$7.31	-\$243.80	\$534,900	\$391.12	-\$3.91	-\$130.41	\$861,900	\$630.23	-\$6.30	-\$210.13
2050	\$800,000	\$573.89	-\$16.93	-\$206.12	\$900,000	\$645.63	-\$19.05	-\$231.88	\$1,000,000	\$717.36	-\$21.16	-\$257.65	\$534,900	\$383.72	-\$11.32	-\$137.82	\$861,900	\$618.29	-\$18.24	-\$222.07
2051	\$800,000	\$493.25	-\$97.57	-\$286.76	\$900,000	\$554.91	-\$109.76	-\$322.60	\$1,000,000	\$616.56	-\$121.96	-\$358.44	\$534,900	\$329.80	-\$65.24	-\$191.73	\$861,900	\$531.42	-\$105.12	-\$308.94
2052	\$800,000	\$386.66	-\$204.16	-\$393.35	\$900,000	\$434.99	-\$229.68	-\$442.52	\$1,000,000	\$483.32	-\$255.20	-\$491.68	\$534,900	\$258.53	-\$136.51	-\$263.00	\$861,900	\$416.58	-\$219.96	-\$423.78
2053	\$800,000	\$309.33	-\$281.49	-\$470.68	\$900,000	\$347.99	-\$316.68	-\$529.51	\$1,000,000	\$386.66	-\$351.86	-\$588.35	\$534,900	\$206.82	-\$188.21	-\$314.71	\$861,900	\$333.26	-\$303.27	-\$507.10
2054	\$800,000	\$303.11	-\$287.71	-\$476.90	\$900,000	\$341.00	-\$323.67	-\$536.51	\$1,000,000	\$378.89	-\$359.64	-\$596.12	\$534,900	\$202.67	-\$192.37	-\$318.87	\$861,900	\$326.56	-\$309.97	-\$513.80
2055	\$800,000	\$227.33	-\$363.49	-\$552.67	\$900,000	\$255.75	-\$408.92	-\$621.76	\$1,000,000	\$284.17	-\$454.36	-\$690.84	\$534,900	\$152.00	-\$243.04	-\$369.53	\$861,900	\$244.92	-\$391.61	-\$595.44
2056	\$800,000	\$222.67	-\$368.15	-\$557.34	\$900,000	\$250.50	-\$414.17	-\$627.00	\$1,000,000	\$278.34	-\$460.19	-\$696.67	\$534,900	\$148.88	-\$246.15	-\$372.65	\$861,900	\$239.90	-\$396.64	-\$600.46
2057	\$800,000	\$148.45	-\$442.37	-\$631.56	\$900,000	\$167.00	-\$497.67	-\$710.51	\$1,000,000	\$185.56	-\$552.97	-\$789.45	\$534,900	\$99.25	-\$295.78	-\$422.28	\$861,900	\$15		