

Village of Fox River Grove -- Public Works: Water and Sewer Division
2011/2012 Ten Year Budget
Final -- 4/26/11

Line #	CAPITAL REVENUES	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total
1	Beginning Cash Balance Estimate (Includes 50% of 2006 + 2010 Debt. Cert balances.)	3,514,953	1,569,590	795,260	620,320	621,110	517,050	784,210	517,580	910,620	1,003,010	
2	Water & Sewer Tap on Fees	0	0	0	0	0	0	0	0	0	0	0
3	LBIP Tap on Fees	0	0	0	0	0	0	0	0	0	0	0
4	Rt. 22 Widening Loan (Delayed past 2022)	0	0	0	0	0	0	0	0	0	0	0
5	Future Project Grants (Worst Case Scenario \$0)	0	0	0	0	0	0	0	0	0	0	0
6	IEPA Loan Phase III: Design + Const Engineering (Reimb by EPA after construction starts.)	0	0	3,080,000	2,720,000		0	0	0	0	0	5,800,000
7	Aeration Blower	81,000	87,000									168,000
8	IEPA Loan Phase IV (Design, Construction, Eng.)	0	0	0	0	0	0	0	2,960,000	2,600,000		5,560,000
9	Interest Income	31,985	35,316	17,893	13,957	13,970	11,630	17,640	11,650	20,490	22,570	197,101
10	Total Capital Revenues	112,985	122,316	3,097,893	2,733,957	13,970	11,630	17,640	2,971,650	2,620,490	22,570	11,725,101
	CAPITAL EXPENSES	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total
11	Water Plant #1 Rehabilitation & 21/22 TCE Remediation	50,000	50,000	50,000	55,000	55,000	55,000	60,000	60,000	60,000	65,000	585,000
12	Well #1, #2, #3, #4 Rehabilitation Cycle	28,000	26,000	0	26,000	0	28,000	0	26,000	0	28,000	162,000
13	Electric Service Riser	2,500	0	0	0	0	0	0	0	0	0	2,500
14	Hydrant Valve Replacement	6,250	0	0	0	0	0	0	0	0	0	6,250
15	Water Plant #2 Rehabilitation (Garage Heater in 11/12)	6,500	5,000	5,100	5,200	5,300	5,410	5,520	5,630	5,740	5,850	55,250
16	Water Meter Upgrade 10 Year Program (radio readers + installation)	43,350	43,350	43,350	43,350	43,350	43,350	43,350	43,350	43,350	43,350	433,500
17	Replace RBC Air Compressor Enclosure	6,000	0	0	0	0	0	0	0	0	0	6,000
18	Ductile Iron Saw	2,600	0	0	0	0	0	0	0	0	0	4,100
19	Lab Autoclave	3,995	0	0	0	0	0	0	0	0	0	12,395
20	Sanitary Sewer System Rehab - (200 yr Replacemt Schedule) TV Purchase & Survey 11/12	76,500	150,000	0	0	150,000	0	0	175,000	175,000	175,000	901,500
21	Water System Rehab (200 yr Replacemt Schedule) Gardner Road Watermain 11/12	20,000	150,000	0	0	150,000	0	0	175,000	175,000	175,000	825,000
22	WWTP Facility Planning Report		165,000									0
23	WWTP Phase III (Phosphorus) Design, Engineering, Construction	0	360,000	2,720,000	2,720,000				0	0	0	5,800,000
24	WWTP Phase IV (Nitrogen) Design, Engineering, Construction							360,000	2,600,000	2,600,000		5,200,000
25	WWTP Replace High Efficiency Aeration Blower (8 to 10 year payback)	86,000	100,000			0	0	0	0	0	0	186,000
26	Water Tower Repainting (15 year Cycle, 2017 est.; \$300,000 in 2009 dollars)	0	0	0	0	0	0	400,000	0	0	0	400,000
27	Water Tower Inspection & Cleaning	0	2,650		0		2,810	0	0		2,980	10,940
28	Rt. 22 Roadway Widening Utilities Relocation (IDOT Loan) (Includes engineering)	0	0	0	0	0	0	0	0	0	0	0
29	PW Vehicle/Salt Storage Facility (50/50 W&S/Gen Fund using 2006 + 2010 Debt Certificates)	1,840,000		0	0	0	0	0	0	0	0	1,840,000
30	PW Repair Facility			780,000								780,000
31	PW 3 Modular Office Units (Building cost \$1,535,000)				300,000							300,000
32	Wastewater Computer Replacement	0	800	0	800	0	800	0	900	0	900	4,800
33	Vehicle Replacements 15 yr. cycle:	0	45,000	0	46,800	0	48,670	0	50,620	0	52,640	243,730
34	Total Capital Projects	2,171,695	1,097,800	3,598,450	3,197,150	403,650	184,040	868,870	3,136,500	3,059,090	548,720	17,758,965
35	Use This Row to Adjust Inflation Rates		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	
36	Use This Row to Adjust Water/Sewer Rate Increases	5.00%	8.0%	10.0%	10.0%	12.0%	9.0%	8.0%	0.0%	0.0%	0.5%	
	DEBT SERVICE	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total
37	Rt. 22 Widening Loan \$1.70M 10 years 15/16 (no interest IDOT)	0	0	0	0	0	0	0	0	0	0	0
38	2006 Debt Cert: WWTP Phase II/Garage Design \$930K Ten year (20% of total spent on Garage pd by Gen Fund)	88,763	85,571	82,379	79,188	77,592		0	0	0	0	532,430
39	IEPA Loan Phase III \$5.8M for 20yrs @ 2.5% 1st Payment 1 yr after completion	0	0	0	0	365,000	365,000	365,000	365,000	365,000	365,000	2,190,000
40	IEPA Loan Phase IV \$5.56M for 20 Yrs @ 3.5% 1st Payment 1 yr after completion	0	0	0	0	0	0				390,000	390,000
41	2010 Build America Debt Cert., Garage \$3.01M 20yr (50% from W&S, 50% Gen Fund)	55,766	55,766	55,766	55,766	55,766	130,766	131,218	133,901	136,300	135,928	946,943
42	Total Debt Service	144,529	141,337	138,145	134,954	498,358	495,766	496,218	498,901	501,300	890,928	3,940,440
43	Total Capital Projects + Debt. Service	2,316,220	1,239,140	3,736,600	3,332,100	902,010	679,810	1,365,090	3,635,400	3,560,390	1,439,650	22,206,410
44	Capital Surplus / Deficit	-2,203,235	-1,116,824	-638,707	-598,143	-888,040	-668,180	-1,347,450	-663,750	-939,900	-1,417,080	-10,481,310
45	Non-Rate Based Rev LBIP Contract (382) + Water Meter (384)+ Septic Receiving (380)	186,227	189,950	193,750	197,630	201,580	205,610	209,720	213,910	218,190	222,550	2,039,120
46	Rate Based Rev W&S(376)+Sewer(377)+Hospital(379)+LBIP Sewer(383) 10/11 Base \$1,327,734	1,394,121	1,505,650	1,656,220	1,821,840	2,040,460	2,224,100	2,402,030	2,402,030	2,402,030	2,414,040	20,262,520
47	Recapture Fee to Gen Fund (in Lieu of ROI, Fees, Taxes if W&S Privately Owned - max of 5% Operating Rev, lines 51+52)	79,017	84,780	92,499	100,974	112,102	121,486	130,588	130,797	131,011	101,657	1,084,909
48	Enterprise Operating Expenses (Increase at the rate of inflation)	1,243,458	1,268,330	1,293,700	1,319,570	1,345,960	1,372,880	1,400,340	1,428,350	1,456,920	1,486,060	13,615,570
49	Operating Surplus	257,870	342,490	463,770	598,930	783,980	935,340	1,080,820	1,056,790	1,032,290	1,048,870	8,686,070
	3 Month Minimum Reserve (3 Mo. Oper.Exp. + 3 Mo. Debt Service)	347,000	352,420	357,960	363,630	461,080	467,160	474,140	481,810	489,560	594,250	
	Ending Balance (Beg Cash + Cap Surplus/Deficit + Operating Surplus)	1,569,590	795,260	620,320	621,110	517,050	784,210	517,580	910,620	1,003,010	634,800	