

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Revenues						
TAX COLLECTIONS						
101-000-402.000	CURRENT PROPERTY TAX	0.00	1,118,207.05	1,112,555.00	(5,652.05)	100.51
101-000-403.001	SPECIAL ASSMT STREET LIGHTS	0.00	17,127.43	17,130.00	2.57	99.98
101-000-405.000	TRAILER PARK TAX	848.50	6,778.50	7,500.00	721.50	90.38
101-000-412.000	DELINQUENT PROPERTY TAX	784.87	7,145.00	0.00	(7,145.00)	100.00
101-000-445.000	PENALTIES	0.00	12,017.50	17,000.00	4,982.50	70.69
101-000-445.001	PRIN RESIDENCE DENIALS	0.00	8,668.72	1,500.00	(7,168.72)	577.91
TAX COLLECTIONS		1,633.37	1,169,944.20	1,155,685.00	(14,259.20)	101.23
OTHER LICENSE & PERMITS						
101-000-457.000	MISCELLANEOUS LICENSES	0.00	150.00	0.00	(150.00)	100.00
101-000-459.000	SOLICITOR PERMIT	0.00	420.00	800.00	380.00	52.50
101-000-481.000	DOG LICENSES	153.00	974.50	1,500.00	525.50	64.97
OTHER LICENSE & PERMITS		153.00	1,544.50	2,300.00	755.50	67.15
TRANSPORTATION						
101-000-530.000	SMART GRANT	0.00	0.00	14,763.00	14,763.00	0.00
101-000-541.000	SPECIALIZED SERVICE	0.00	0.00	13,151.00	13,151.00	0.00
101-000-542.000	OCPTA FUNDS	0.00	0.00	26,520.00	26,520.00	0.00
101-000-651.000	SENIOR ACTIVITIES	0.00	2,430.00	20,000.00	17,570.00	12.15
101-000-652.001	SENIOR CENTER REVENUE	0.00	1,250.46	1,500.00	249.54	83.36
TRANSPORTATION		0.00	3,680.46	75,934.00	72,253.54	4.85
PLANNING REVENUE						
101-000-608.000	ZONING BOARD OF APPEALS	1,155.00	2,695.00	6,500.00	3,805.00	41.46
101-000-609.000	PLANNING COMMISSION FEES	0.00	860.00	4,500.00	3,640.00	19.11
101-000-622.000	ZONING APPLICATION FEES	385.00	4,372.50	3,000.00	(1,372.50)	145.75
101-000-622.002	PLANNING DEPARTMENT REVIEWS	800.00	3,363.00	2,000.00	(1,363.00)	168.15
101-000-622.003	LANDSCAPING INSPECTION FEES	0.00	196.50	750.00	553.50	26.20
101-000-622.004	PUNCH LIST ADMIN FEES	0.00	0.00	500.00	500.00	0.00
101-000-622.005	FINAL BACK CHECK FEES	0.00	0.00	350.00	350.00	0.00
101-000-625.000	SPECIAL MEETING FEES	0.00	650.00	500.00	(150.00)	130.00
PLANNING REVENUE		2,340.00	12,137.00	18,100.00	5,963.00	67.06
STATE SHARED						
101-000-576.000	STATE SHARED REV-CONSTITUTIONA	379,404.00	1,689,147.00	2,500,000.00	810,853.00	67.57
STATE SHARED		379,404.00	1,689,147.00	2,500,000.00	810,853.00	67.57
FEES FOR SERVICES						
101-000-607.000	PASSPORT PROCESSING FEE	455.00	5,950.00	9,000.00	3,050.00	66.11
101-000-621.000	PLATTING & LOT SPLIT FEES	220.00	715.00	0.00	(715.00)	100.00
101-000-623.000	N S F FEE	150.00	500.00	500.00	0.00	100.00
101-000-627.000	DUPLICATING & PHOTOSTAT	109.79	294.12	350.00	55.88	84.03
101-000-643.000	CEMETERY LOTS	0.00	4,000.00	8,000.00	4,000.00	50.00
101-000-644.000	GRAVESITE OPENINGS/CLOSINGS	3,025.00	18,850.00	10,000.00	(8,850.00)	188.50
101-000-644.001	MONUMENT FOUNDATIONS/BRICK PAVERS	981.00	4,527.00	6,600.00	2,073.00	68.59
101-000-650.000	OTHER MAPS, CODES, ETC	0.00	25.00	50.00	25.00	50.00
101-000-654.000	OC ENHANCED REVENUE	0.00	3,301.95	1,200.00	(2,101.95)	275.16
101-000-689.000	SUMMER TAX COLLECTION REIMB	24,768.79	65,648.14	70,000.00	4,351.86	93.78
101-000-695.001	OTHER CABLE TV	124,473.55	378,340.75	500,000.00	121,659.25	75.67
101-000-695.002	ADMINISTRATIVE FEES	0.00	700.00	1,200.00	500.00	58.33
101-000-695.003	ADMIN FEES - GARBAGE FUND	0.00	0.00	86,375.00	86,375.00	0.00

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Fund 101 - GENERAL FUND						
Revenues						
101-000-695.004	ADMIN FEES - TRUST & AGENCY	0.00	17,118.23	25,000.00	7,881.77	68.47
101-000-695.005	ADMIN FEES	0.00	166.00	0.00	(166.00)	100.00
101-000-695.007	ADMIN FEE SPECIAL ASSESSMENTS	0.00	10,683.05	0.00	(10,683.05)	100.00
101-000-695.008	ADMIN FEES	856.25	856.25	0.00	(856.25)	100.00
FEES FOR SERVICES		155,039.38	511,675.49	718,275.00	206,599.51	71.24
ORDINANCE FINES						
101-000-656.000	ORDINANCE FINES	0.00	630.00	0.00	(630.00)	100.00
ORDINANCE FINES		0.00	630.00	0.00	(630.00)	100.00
MISCELLANEOUS						
101-000-393.000	FUND BALANCE - DESIGNATED	0.00	0.00	1,286,967.00	1,286,967.00	0.00
101-000-531.000	OTHER GRANTS	5,526.80	5,526.80	0.00	(5,526.80)	100.00
101-000-539.000	STATE GRANTS	375,000.00	750,000.00	750,000.00	0.00	100.00
101-000-575.001	METRO ACT REVENUE	0.00	18,188.31	16,600.00	(1,588.31)	109.57
101-000-664.000	INTEREST INCOME	4,237.06	95,610.37	30,000.00	(65,610.37)	318.70
101-000-664.001	INTEREST - TRUST AND AGENCY	742.63	8,382.00	3,100.00	(5,282.00)	270.39
101-000-675.002	DONATIONS HOIDAY EVENTS	0.00	0.00	10,000.00	10,000.00	0.00
101-000-676.000	ELECTION-REIMBURSEMENT	50,712.06	86,342.57	42,990.00	(43,352.57)	200.84
101-000-677.000	POSTAGE REVENUE	0.00	73.80	100.00	26.20	73.80
101-000-678.000	MISCELLANEOUS	0.00	1,872.72	1,000.00	(872.72)	187.27
101-000-679.002	TRANSFER FROM SEWER DEBT	100,000.00	200,000.00	0.00	(200,000.00)	100.00
101-000-695.000	OTHER SUNDRY	153.00	2,385.54	500.00	(1,885.54)	477.11
MISCELLANEOUS		536,371.55	1,168,382.11	2,141,257.00	972,874.89	54.57
REFUNDS & REBATES						
101-000-688.000	REFUNDS GENERAL	98.00	1,348.00	0.00	(1,348.00)	100.00
REFUNDS & REBATES		98.00	1,348.00	0.00	(1,348.00)	100.00
RENTS						
101-000-667.001	RENT COMMUNITY HALL	0.00	1,100.00	6,000.00	4,900.00	18.33
101-000-667.005	RENT-ORMOND RD TOWER	1,147.68	10,209.89	12,000.00	1,790.11	85.08
RENTS		1,147.68	11,309.89	18,000.00	6,690.11	62.83
TOTAL REVENUES		1,076,186.98	4,569,798.65	6,629,551.00	2,059,752.35	68.93
Expenditures						
TOWNSHIP BOARD						
101-101-703.000	SALARIES TRUSTEES	3,240.32	25,890.56	38,691.00	12,800.44	66.92
101-101-710.000	FEES & PER DIEM	610.00	4,080.00	6,000.00	1,920.00	68.00
101-101-715.000	SOCIAL SECURITY	247.88	1,980.64	2,960.00	979.36	66.91
101-101-716.000	HOSPITAL & OPTICAL INS	0.00	102.60	1,300.00	1,197.40	7.89
101-101-717.000	GROUP LIFE INSURANCE	35.00	371.50	815.00	443.50	45.58
101-101-719.000	WORKERS' COMP INSURANCE	0.00	36.75	120.00	83.25	30.63
101-101-801.000	PROFESSIONAL FEES - ACTUARIAL	0.00	5,100.00	8,000.00	2,900.00	63.75
101-101-801.001	PROFESSIONAL FEES	0.00	0.00	10,000.00	10,000.00	0.00
101-101-807.000	AUDIT FEES	0.00	42,320.00	40,500.00	(1,820.00)	104.49
101-101-860.000	CONFERENCES & MILEAGE	0.00	(25.00)	4,000.00	4,025.00	(0.63)
101-101-957.000	SUBSCRIPTIONS	0.00	31.78	500.00	468.22	6.36
101-101-958.000	MEMBERSHIPS & DUES	2,973.73	14,792.90	15,000.00	207.10	98.62

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Fund 101 - GENERAL FUND						
Expenditures						
101-101-962.000	MISCELLANEOUS	0.00	470.70	13,000.00	12,529.30	3.62
TOWNSHIP BOARD		7,106.93	95,152.43	140,886.00	45,733.57	67.54
SUPERVISOR						
101-171-703.000	SALARIES SUPERVISOR	6,864.16	58,276.96	88,790.00	30,513.04	65.63
101-171-704.000	SALARIES, ADMIN ASSISTANT	3,996.30	33,671.90	51,443.00	17,771.10	65.45
101-171-706.000	SALARIES CLERICAL	0.00	0.00	21,690.00	21,690.00	0.00
101-171-708.000	SALARIES HR WAGES	910.23	7,736.96	12,440.00	4,703.04	62.19
101-171-709.000	OVERTIME	0.00	185.96	500.00	314.04	37.19
101-171-715.000	SOCIAL SECURITY	864.21	7,327.63	13,400.00	6,072.37	54.68
101-171-716.000	HOSP & OPTICAL INSURANCE	3,684.62	30,119.94	62,740.00	32,620.06	48.01
101-171-717.000	GROUP LIFE INSURANCE	17.50	213.05	655.00	441.95	32.53
101-171-718.000	PENSION	3,839.07	32,587.89	50,550.00	17,962.11	64.47
101-171-718.001	HEALTH CARE SAVINGS PROGRAM	100.00	800.00	1,800.00	1,000.00	44.44
101-171-719.000	WORKERS COMP INSURANCE	0.00	177.25	585.00	407.75	30.30
101-171-722.000	UNEMPLOYMENT INSURANCE	0.00	165.35	540.00	374.65	30.62
101-171-724.000	DENTAL INSURANCE	262.70	2,145.36	4,275.00	2,129.64	50.18
101-171-853.000	CELLULAR PHONE	52.94	368.45	900.00	531.55	40.94
101-171-860.000	MILEAGE	0.00	0.00	100.00	100.00	0.00
101-171-864.000	CONFERENCES & MEETINGS	0.00	105.00	1,400.00	1,295.00	7.50
101-171-957.000	SUBSCRIPTIONS	0.00	59.00	350.00	291.00	16.86
101-171-958.000	MEMBERSHIPS & DUES	0.00	125.00	500.00	375.00	25.00
101-171-959.000	COMMUNITY COMMUNICATIONS	0.00	0.00	20,000.00	20,000.00	0.00
101-171-960.000	TRAINING	0.00	0.00	300.00	300.00	0.00
101-171-960.001	TRAINING-HR	0.00	0.00	1,000.00	1,000.00	0.00
101-171-962.000	MISCELLANEOUS	0.00	105.05	500.00	394.95	21.01
SUPERVISOR		20,591.73	174,170.75	334,458.00	160,287.25	52.08
ELECTIONS						
101-191-706.000	PART TIME ELECTIONS	5,159.62	14,929.13	20,000.00	5,070.87	74.65
101-191-709.001	OVERTIME ELECTIONS	7,649.88	26,381.44	21,000.00	(5,381.44)	125.63
101-191-710.000	FEES & PER DIEM	18,155.00	34,489.80	48,800.00	14,310.20	70.68
101-191-715.000	SOCIAL SECURITY	438.27	1,347.88	1,000.00	(347.88)	134.79
101-191-722.000	UNEMPLOYMENT INSURANCE	84.50	257.96	200.00	(57.96)	128.98
101-191-740.000	OPERATING SUPPLIES	16,190.38	25,366.54	11,950.00	(13,416.54)	212.27
101-191-860.000	MILEAGE	0.00	0.00	600.00	600.00	0.00
101-191-903.000	LEGAL NOTICES	0.00	830.50	3,000.00	2,169.50	27.68
101-191-934.000	EQUIPMENT MAINTENANCE	0.00	13,676.00	30,590.00	16,914.00	44.71
101-191-962.000	MISCELLANEOUS	0.00	378.42	2,600.00	2,221.58	14.55
101-191-977.000	EQUIPMENT ACQUISITIONS	0.00	0.00	10,000.00	10,000.00	0.00
ELECTIONS		47,677.65	117,657.67	149,740.00	32,082.33	78.57
ACCOUNTING						
101-192-701.000	SALARIES SENIOR ACCOUNT MANAGER	6,246.15	53,029.90	80,795.00	27,765.10	65.64
101-192-702.000	SALARIES BOOKKEEPER	5,048.10	42,858.75	65,300.00	22,441.25	65.63
101-192-709.000	OVERTIME	25.24	138.82	200.00	61.18	69.41
101-192-715.000	SOCIAL SECURITY	887.66	7,374.84	11,200.00	3,825.16	65.85
101-192-716.000	HOSP & OPTICAL INSURANCE	1,298.62	10,266.45	17,100.00	6,833.55	60.04
101-192-717.000	GROUP LIFE INSURANCE	17.50	183.05	410.00	226.95	44.65
101-192-718.000	PENSION	3,034.92	23,460.86	27,900.00	4,439.14	84.09
101-192-719.000	WORKERS COMP INSURANCE	0.00	259.50	660.00	400.50	39.32
101-192-722.000	UNEMPLOYMENT INSURANCE	0.00	324.00	540.00	216.00	60.00
101-192-724.000	DENTAL INSURANCE	80.20	654.96	1,050.00	395.04	62.38
101-192-957.000	SUBSCRIPTIONS	0.00	33.00	50.00	17.00	66.00

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Fund 101 - GENERAL FUND						
Expenditures						
101-192-958.000	MEMBERSHIPS & DUES	120.00	390.00	400.00	10.00	97.50
101-192-960.000	TRAINING	0.00	85.00	300.00	215.00	28.33
101-192-962.000	MISCELLANEOUS	0.00	54.34	100.00	45.66	54.34
ACCOUNTING		16,758.39	139,113.47	206,005.00	66,891.53	67.53
ASSESSING						
101-209-706.001	SALARIES ASSESSOR	11,435.62	63,876.84	90,567.00	26,690.16	70.53
101-209-706.002	SALARIES PROPERTY APPRAISER	9,076.65	74,061.27	121,145.00	47,083.73	61.13
101-209-706.003	SALARIES CLERICAL	1,998.15	1,998.15	0.00	(1,998.15)	100.00
101-209-707.000	SALARIES PART TIME	1,673.91	15,027.50	30,000.00	14,972.50	50.09
101-209-709.000	OVERTIME	0.00	0.00	1,500.00	1,500.00	0.00
101-209-715.000	SOCIAL SECURITY	1,815.54	11,654.64	18,600.00	6,945.36	62.66
101-209-716.000	HOSP & OPTICAL INSURANCE	4,188.34	25,280.42	53,875.00	28,594.58	46.92
101-209-717.000	GROUP LIFE INSURANCE	35.00	229.91	470.00	240.09	48.92
101-209-718.000	PENSION	2,684.46	18,236.82	31,400.00	13,163.18	58.08
101-209-718.001	HEALTH CARE SAVINGS PROGRAM	200.00	1,600.00	1,200.00	(400.00)	133.33
101-209-719.000	WORKERS COMP INSURANCE	0.00	719.25	2,670.00	1,950.75	26.94
101-209-722.000	UNEMPLOYMENT INSURANCE	0.00	708.29	1,080.00	371.71	65.58
101-209-724.000	DENTAL INSURANCE	230.12	1,258.54	3,215.00	1,956.46	39.15
101-209-801.000	PROFESSIONAL SERVICES	0.00	0.00	10,000.00	10,000.00	0.00
101-209-818.000	OC SOFTWARE SUPPORT FEES	0.00	0.00	2,000.00	2,000.00	0.00
101-209-820.000	LEGAL FEES	720.00	720.00	3,000.00	2,280.00	24.00
101-209-864.000	CONFERENCES & MEETINGS	0.00	0.00	500.00	500.00	0.00
101-209-903.000	LEGAL NOTICES	0.00	0.00	1,500.00	1,500.00	0.00
101-209-958.000	MEMBERSHIPS & DUES	40.00	50.00	1,500.00	1,450.00	3.33
101-209-960.000	TRAINING	27.00	67.00	1,000.00	933.00	6.70
101-209-962.000	MISCELLANEOUS	0.00	3.70	300.00	296.30	1.23
ASSESSING		34,124.79	215,492.33	375,522.00	160,029.67	57.38
LEGAL FEES						
101-210-826.000	LEGAL FEES	6,729.50	60,599.35	80,000.00	19,400.65	75.75
101-210-826.001	TAX TRIBUNAL REFUNDS	0.00	0.00	2,500.00	2,500.00	0.00
101-210-826.002	LEGAL FEES-ORDINANCE	588.00	2,845.00	60,000.00	57,155.00	4.74
LEGAL FEES		7,317.50	63,444.35	142,500.00	79,055.65	44.52
CLERK						
101-215-703.000	SALARIES CLERK	6,376.36	54,135.74	82,481.00	28,345.26	65.63
101-215-704.000	SALARIES DEPUTY CLERK	5,319.27	49,305.00	72,274.00	22,969.00	68.22
101-215-706.001	SALARIES CLERICAL	6,999.27	56,979.92	83,180.00	26,200.08	68.50
101-215-706.003	PART TIME CLERICAL	0.00	1,786.25	0.00	(1,786.25)	100.00
101-215-709.000	OVERTIME	0.00	346.96	300.00	(46.96)	115.65
101-215-715.000	SOCIAL SECURITY	1,879.21	13,754.77	18,225.00	4,470.23	75.47
101-215-716.000	HOSP & OPTICAL INSURANCE	(3,375.47)	45,741.33	83,050.00	37,308.67	55.08
101-215-717.000	GROUP LIFE INSURANCE	30.63	348.51	850.00	501.49	41.00
101-215-718.000	PENSION	8,772.86	64,584.10	84,500.00	19,915.90	76.43
101-215-718.001	HEALTH CARE SAVINGS PROGRAM	100.00	700.00	600.00	(100.00)	116.67
101-215-719.000	WORKERS COMP INSURANCE	0.00	327.75	915.00	587.25	35.82
101-215-722.000	UNEMPLOYMENT INSURANCE	0.00	514.14	810.00	295.86	63.47
101-215-724.000	DENTAL INSURANCE	525.40	3,706.41	5,250.00	1,543.59	70.60
101-215-864.000	CONFERENCES & MEETINGS	0.00	0.00	5,458.00	5,458.00	0.00
101-215-903.000	LEGAL NOTICES	700.46	3,837.25	4,500.00	662.75	85.27
101-215-957.000	SUBSCRIPTIONS	0.00	726.80	630.00	(96.80)	115.37
101-215-958.000	MEMBERSHIPS & DUES	0.00	1,025.00	790.00	(235.00)	129.75
101-215-960.000	TRAINING	0.00	0.00	1,380.00	1,380.00	0.00



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Fund 101 - GENERAL FUND						
Expenditures						
101-215-962.000	MISCELLANEOUS	0.00	574.53	350.00	(224.53)	164.15
CLERK		27,327.99	298,394.46	445,543.00	147,148.54	66.97
BOARD OF REVIEW						
101-247-710.000	FEES & PER DIEM	0.00	1,400.00	2,000.00	600.00	70.00
101-247-864.000	CONFERENCES & MEETINGS	0.00	60.00	100.00	40.00	60.00
101-247-903.000	LEGAL PUBLICATIONS	0.00	346.50	325.00	(21.50)	106.62
BOARD OF REVIEW		0.00	1,806.50	2,425.00	618.50	74.49
POSTAGE & MAILING						
101-248-730.000	POSTAGE	7,577.05	25,077.57	36,250.00	11,172.43	69.18
101-248-934.000	EQUIPMENT MAINTENANCE-POSTAGE METER	0.00	975.67	1,500.00	524.33	65.04
101-248-946.000	POSTAGE METER RENTAL	0.00	204.00	1,000.00	796.00	20.40
POSTAGE & MAILING		7,577.05	26,257.24	38,750.00	12,492.76	67.76
OFFICE SUPPLIES						
101-249-727.000	OFFICE SUPPLIES	9,256.37	24,342.12	30,000.00	5,657.88	81.14
OFFICE SUPPLIES		9,256.37	24,342.12	30,000.00	5,657.88	81.14
TREASURER						
101-253-703.000	SALARIES TREASURER	6,376.36	54,135.74	82,481.00	28,345.26	65.63
101-253-704.000	SALARIES DEPUTY TREASURER	5,314.80	48,648.23	72,274.00	23,625.77	67.31
101-253-706.001	SALARIES CLERICAL FT	7,876.81	66,556.37	101,576.00	35,019.63	65.52
101-253-709.000	OVERTIME	0.00	0.00	500.00	500.00	0.00
101-253-715.000	SOCIAL SECURITY	1,470.94	12,651.30	19,650.00	6,998.70	64.38
101-253-716.000	HOSP & OPTICAL INSURANCE	6,926.20	50,626.17	83,850.00	33,223.83	60.38
101-253-717.000	GROUP LIFE INSURANCE	35.00	353.65	810.00	456.35	43.66
101-253-718.000	PENSION	5,847.71	49,634.64	75,630.00	25,995.36	65.63
101-253-718.001	HEALTH CARE SAVINGS PROGRAM	200.00	1,600.00	2,400.00	800.00	66.67
101-253-719.000	WORKERS COMP INSURANCE	0.00	334.25	1,085.00	750.75	30.81
101-253-722.000	UNEMPLOYMENT INSURANCE	0.00	485.99	810.00	324.01	60.00
101-253-724.000	DENTAL INSURANCE	434.15	3,545.52	4,925.00	1,379.48	71.99
101-253-727.000	OFFICE SUPPLIES	0.00	0.00	400.00	400.00	0.00
101-253-818.000	OC SOFTWARE SUPPORT FEES	0.00	0.00	2,500.00	2,500.00	0.00
101-253-860.000	MILEAGE	0.00	0.00	300.00	300.00	0.00
101-253-864.000	CONFERENCES & MEETINGS	0.00	23.54	2,800.00	2,776.46	0.84
101-253-903.000	LEGAL NOTICES	0.00	107.25	100.00	(7.25)	107.25
101-253-958.000	MEMBERSHIPS & DUES	0.00	285.00	1,000.00	715.00	28.50
101-253-960.000	TRAINING	0.00	0.00	500.00	500.00	0.00
101-253-962.000	MISCELLANEOUS	99.00	193.38	1,000.00	806.62	19.34
TREASURER		34,580.97	289,181.03	454,591.00	165,409.97	63.61
TOWNSHIP HALL & GROUNDS						
101-265-706.000	SALARIES MAINTENANCE	4,069.95	34,533.78	52,647.00	18,113.22	65.59
101-265-707.000	SALARIES CUSTODIAN	3,284.93	27,843.81	42,157.00	14,313.19	66.05
101-265-708.000	PART TIME MAINTENANCE	0.00	2,507.46	0.00	(2,507.46)	100.00
101-265-709.000	OVERTIME	0.00	3,813.11	8,000.00	4,186.89	47.66
101-265-715.000	SOCIAL SECURITY	545.41	4,917.15	7,900.00	2,982.85	62.24
101-265-716.000	HOSP & OPTICAL INSURANCE	2,083.92	16,785.70	28,800.00	12,014.30	58.28
101-265-717.000	GROUP LIFE INSURANCE	17.50	232.40	615.00	382.60	37.79
101-265-718.000	PENSION	1,897.90	15,853.17	18,000.00	2,146.83	88.07
101-265-719.000	WORKERS COMP INSURANCE	417.25	2,773.00	5,350.00	2,577.00	51.83

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Expenditures						
101-265-722.000	UNEMPLOYMENT INSURANCE	0.00	323.99	540.00	216.01	60.00
101-265-724.000	DENTAL INSURANCE	115.06	939.64	1,510.00	570.36	62.23
101-265-853.000	TELEPHONE	962.68	6,668.66	12,000.00	5,331.34	55.57
101-265-863.000	VEHICLE MAINTENANCE	933.67	2,934.90	8,000.00	5,065.10	36.69
101-265-867.000	GASOLINE	256.28	1,756.50	6,000.00	4,243.50	29.28
101-265-910.000	INSURANCE	0.00	41,583.15	63,100.00	21,516.85	65.90
101-265-921.001	ELECTRIC TWP HALL	3,031.02	22,677.18	40,000.00	17,322.82	56.69
101-265-922.000	UTILITIES-TWP HALL	1,403.69	4,771.57	5,000.00	228.43	95.43
101-265-923.000	HEAT TWP HALL	0.00	3,047.78	6,200.00	3,152.22	49.16
101-265-931.001	BLDG MAINTENANCE & SUPPLIES	3,852.33	16,787.95	17,000.00	212.05	98.75
101-265-931.002	GROUNDS MAINTENANCE	637.65	10,433.19	30,000.00	19,566.81	34.78
101-265-931.003	BLDG EQUIP MAINTENANCE	496.06	3,626.50	6,000.00	2,373.50	60.44
101-265-933.000	GROUNDS EQUIP MAINTENANCE	0.00	169.04	1,000.00	830.96	16.90
101-265-934.000	OFFICE EQUIP MAINTENANCE	438.79	1,779.56	3,000.00	1,220.44	59.32
101-265-971.000	TECHNOLOGY EQUIPMENT	3,049.16	40,335.79	110,000.00	69,664.21	36.67
101-265-974.000	IMPROVEMENTS & BETTERMENTS	0.00	53,865.72	165,000.00	111,134.28	32.65
101-265-977.000	EQUIPMENT ACQUISITIONS	0.00	0.00	110,000.00	110,000.00	0.00
TOWNSHIP HALL & GROUNDS		27,493.25	320,960.70	747,819.00	426,858.30	42.92
CEMETERY						
101-276-910.000	INSURANCE	0.00	58.04	200.00	141.96	29.02
101-276-921.000	ELECTRIC OXBOW	0.00	38.07	200.00	161.93	19.04
101-276-921.001	ELECTRIC WHITE LAKE	58.62	254.16	300.00	45.84	84.72
101-276-932.000	CEMETERY MAINT	3,560.00	12,027.76	22,200.00	10,172.24	54.18
101-276-935.000	CEMETERY-GRAVESITE OPENING/CLOSINGS	2,325.00	15,525.00	8,000.00	(7,525.00)	194.06
101-276-936.000	CEMETERY FOUNDATIONS/MONUMENTS EXPENSE	1,242.00	2,172.00	4,400.00	2,228.00	49.36
101-276-962.000	MISCELLANEOUS	0.00	0.00	400.00	400.00	0.00
101-276-974.000	LAND IMPROVEMENTS	0.00	476.60	17,500.00	17,023.40	2.72
101-276-977.000	EQUIPMENT ACQUISITIONS	0.00	0.00	300.00	300.00	0.00
CEMETERY		7,185.62	30,551.63	53,500.00	22,948.37	57.11
OTHER TOWNSHIP PROPERTIES						
101-269-853.001	TELEPHONE FISK FARM	27.72	192.83	360.00	167.17	53.56
101-269-910.001	INSURANCE COMM HALL	0.00	522.98	1,250.00	727.02	41.84
101-269-910.004	INSURANCE FISK	0.00	1,933.55	3,500.00	1,566.45	55.24
101-269-910.008	INSURANCE-ANNEX	0.00	5,636.14	0.00	(5,636.14)	100.00
101-269-921.001	ELECTRIC COMM HALL	64.61	220.09	1,100.00	879.91	20.01
101-269-921.004	ELECTRIC FISK	109.08	1,123.05	1,800.00	676.95	62.39
101-269-921.006	M59/BOGIE PROP STREET LIGHT	151.74	1,260.83	800.00	(460.83)	157.60
101-269-921.011	ELECTRIC-TWP ANNEX	988.51	5,275.94	0.00	(5,275.94)	100.00
101-269-922.004	UTILITIES FISK	359.92	1,167.76	1,800.00	632.24	64.88
101-269-922.010	UTILITIES-TWP ANNEX	0.00	1,140.00	0.00	(1,140.00)	100.00
101-269-923.001	HEAT COMM HALL	15.79	927.23	2,100.00	1,172.77	44.15
101-269-923.004	HEAT FISK	13.59	644.36	1,200.00	555.64	53.70
101-269-923.011	GAS-TWP ANNEX	18.65	1,690.37	0.00	(1,690.37)	100.00
101-269-931.001	BLDG MAINT COMM HALL	265.00	1,844.01	6,000.00	4,155.99	30.73
101-269-931.004	BLDG EQUIPMENT MAINT COMM HALL	(969.68)	164.39	500.00	335.61	32.88
101-269-931.007	BLDG MAINT FISK	931.00	2,443.00	7,000.00	4,557.00	34.90
101-269-931.008	EQUIP MAINT FISK	613.31	940.31	1,000.00	59.69	94.03
101-269-931.013	BUILDING MAINTENANCE-TWP ANNEX	2,880.47	34,178.00	0.00	(34,178.00)	100.00
101-269-962.000	MISCELLANEOUS	0.00	0.00	500.00	500.00	0.00
OTHER TOWNSHIP PROPERTIES		5,469.71	61,304.84	28,910.00	(32,394.84)	212.05
HEALTH & WELFARE						

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Expenditures						
101-285-801.000	ENVIRONMENTAL PROFESSIONAL SERVICES	0.00	8,219.31	12,000.00	3,780.69	68.49
HEALTH & WELFARE		0.00	8,219.31	12,000.00	3,780.69	68.49
PLANNING						
101-402-706.001	SALARIES PLANNING DIRECTOR	7,001.41	59,442.61	90,567.00	31,124.39	65.63
101-402-706.002	SALARIES CLERICAL	3,880.50	32,945.59	50,257.00	17,311.41	65.55
101-402-707.000	SALARIES STAFF PLANNER	4,980.90	38,117.55	75,348.00	37,230.45	50.59
101-402-709.000	OVERTIME	210.04	1,101.25	5,466.00	4,364.75	20.15
101-402-710.000	PLANNING/ZBA BOARD FEES	830.00	4,140.00	10,000.00	5,860.00	41.40
101-402-715.000	SOCIAL SECURITY	1,212.73	10,050.34	17,710.00	7,659.66	56.75
101-402-716.000	HOSP & OPTICAL INSURANCE	1,476.48	12,537.72	47,880.00	35,342.28	26.19
101-402-717.000	GROUP LIFE INSURANCE	26.25	167.54	200.00	32.46	83.77
101-402-718.000	PENSION	2,214.46	18,878.42	33,700.00	14,821.58	56.02
101-402-718.001	HEALTH CARE SAVINGS PROGRAM	200.00	1,400.00	1,200.00	(200.00)	116.67
101-402-719.000	WORKERS COMP INSURANCE	0.00	653.00	2,110.00	1,457.00	30.95
101-402-722.000	UNEMPLOYMENT INSURANCE	0.00	646.80	200.00	(446.80)	323.40
101-402-724.000	DENTAL INSURANCE	206.31	1,821.66	4,400.00	2,578.34	41.40
101-402-729.000	PRINTING	0.00	0.00	1,750.00	1,750.00	0.00
101-402-757.000	OPERATING SUPPLIES	(750.00)	7.99	750.00	742.01	1.07
101-402-801.000	PROFESSIONAL FEES	250.00	5,284.75	30,000.00	24,715.25	17.62
101-402-853.000	CELLULAR PHONE	103.93	723.35	1,275.00	551.65	56.73
101-402-864.000	CONFERENCES & MEETINGS	0.00	0.00	3,884.00	3,884.00	0.00
101-402-903.000	LEGAL NOTICES	533.35	2,703.10	3,500.00	796.90	77.23
101-402-910.000	INSURANCE	0.00	2,764.28	5,500.00	2,735.72	50.26
101-402-957.000	SUBSCRIPTIONS	0.00	0.00	650.00	650.00	0.00
101-402-958.000	MEMBERSHIPS & DUES	0.00	930.00	2,108.00	1,178.00	44.12
101-402-960.000	TRAINING	0.00	0.00	4,100.00	4,100.00	0.00
101-402-962.000	MISCELLANEOUS	87.00	412.01	150.00	(262.01)	274.67
PLANNING		22,463.36	194,727.96	392,705.00	197,977.04	49.59
HIGHWAYS & STREETS						
101-446-930.000	TRAFFIC SIGNAL MAINTENANCE	0.00	377.38	1,500.00	1,122.62	25.16
101-448-926.000	STREET LIGHTING	4,654.02	32,619.02	45,000.00	12,380.98	72.49
101-451-970.000	ROAD CONSTRUCTION/TRI PARTY	0.00	708,621.21	1,552,500.00	843,878.79	45.64
HIGHWAYS & STREETS		4,654.02	741,617.61	1,599,000.00	857,382.39	46.38
TRANSPORTATION						
101-672-716.000	HOSP & OPTICAL INSURANCE	(85.50)	0.00	0.00	0.00	0.00
101-672-719.000	WORKERS COMP INSURANCE	(417.25)	0.00	0.00	0.00	0.00
101-672-853.000	TELEPHONE	0.00	60.48	0.00	(60.48)	100.00
101-672-863.001	VEHICLE MAINTENANCE	0.00	(18.98)	0.00	18.98	100.00
101-672-880.000	WOTA PARTICIPATION	0.00	185,000.00	185,000.00	0.00	100.00
101-672-910.000	INSURANCE	0.00	3,163.50	0.00	(3,163.50)	100.00
TRANSPORTATION		(502.75)	188,205.00	185,000.00	(3,205.00)	101.73
SENIOR CENTER						
101-757-703.000	SALARIES SENIOR DIRECTOR	4,223.70	35,859.56	54,635.00	18,775.44	65.63
101-757-704.000	SALARIES PROGRAM DEVELOPER	1,371.46	23,846.31	47,947.00	24,100.69	49.73
101-757-709.000	OVERTIME	0.00	0.00	500.00	500.00	0.00
101-757-715.000	SOCIAL SECURITY	422.30	4,487.23	7,890.00	3,402.77	56.87
101-757-716.000	HOSP & OPTICAL INSURANCE	3,101.56	23,978.23	40,500.00	16,521.77	59.21
101-757-717.000	GROUP LIFE INSURANCE	17.50	255.50	710.00	454.50	35.99
101-757-718.000	PENSION	1,144.63	9,553.05	12,330.00	2,776.95	77.48

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Expenditures						
101-757-718.001	HEALTH CARE SAVINGS PROGRAM	100.00	800.00	1,200.00	400.00	66.67
101-757-719.000	WORKERS COMP INSURANCE	0.00	97.00	680.00	583.00	14.26
101-757-722.000	UNEMPLOYMENT INSURANCE	0.00	323.97	540.00	216.03	59.99
101-757-724.000	DENTAL INSURANCE	149.92	1,224.32	1,960.00	735.68	62.47
101-757-751.000	SENIOR ACTIVITIES	214.99	4,090.06	28,000.00	23,909.94	14.61
101-757-757.000	OPERATING SUPPLIES	0.00	576.45	1,800.00	1,223.55	32.03
101-757-853.000	TELEPHONE	220.60	1,100.15	2,500.00	1,399.85	44.01
101-757-864.000	CONFERENCES & MEETINGS	0.00	0.00	500.00	500.00	0.00
101-757-910.000	INSURANCE	0.00	2,575.83	3,100.00	524.17	83.09
101-757-921.000	ELECTRIC	347.81	2,372.15	4,000.00	1,627.85	59.30
101-757-922.000	UTILITIES	359.92	900.06	1,500.00	599.94	60.00
101-757-923.000	HEAT	27.15	900.35	2,600.00	1,699.65	34.63
101-757-931.000	BUILDING MAINTENANCE	304.87	5,083.60	9,000.00	3,916.40	56.48
101-757-957.000	SUBSCRIPTIONS	0.00	0.00	100.00	100.00	0.00
101-757-958.000	MEMBERSHIPS & DUES	0.00	0.00	200.00	200.00	0.00
101-757-962.000	MISCELLANEOUS	0.00	0.00	800.00	800.00	0.00
101-757-976.000	ADD & IMPROVEMENTS	0.00	0.00	4,000.00	4,000.00	0.00
SENIOR CENTER		12,006.41	118,023.82	226,992.00	108,968.18	51.99
RETIREE BENEFITS						
101-863-730.000	RETIREE HEALTH INSURANCE	7,082.81	56,523.76	120,000.00	63,476.24	47.10
101-863-730.003	OPEB FUNDING	0.00	270,000.00	270,000.00	0.00	100.00
RETIREE BENEFITS		7,082.81	326,523.76	390,000.00	63,476.24	83.72
OTHER						
101-299-956.000	UNALLOCATED MISCELLANEOUS	599.17	12,278.98	15,000.00	2,721.02	81.86
101-849-969.000	SPECIAL PROJECTS CONTRIB	0.00	0.00	10,000.00	10,000.00	0.00
101-863-801.000	PAYROLL SERVICE	1,531.02	14,905.83	29,000.00	14,094.17	51.40
101-906-991.000	PRINCIPAL-CAPITAL LEASE	911.30	4,005.06	6,000.00	1,994.94	66.75
101-906-995.000	INTEREST-CAPITAL LEASE	194.70	971.94	450.00	(521.94)	215.99
101-965-999.003	TRANSFER TO IMPROV REVOLVING	0.00	0.00	500,000.00	500,000.00	0.00
OTHER		3,236.19	32,161.81	560,450.00	528,288.19	5.74
ORDINANCE						
101-372-706.001	SALARIES ORDINANCE OFFICER	4,512.91	38,314.69	58,375.00	20,060.31	65.64
101-372-715.000	SOCIAL SECURITY	328.70	2,807.08	6,500.00	3,692.92	43.19
101-372-716.000	HOSP & OPTICAL INSURANCE	1,837.26	14,792.59	25,100.00	10,307.41	58.93
101-372-717.000	GROUP LIFE INSURANCE	8.75	69.40	110.00	40.60	63.09
101-372-718.000	PENSION	1,164.54	9,190.50	10,900.00	1,709.50	84.32
101-372-719.000	WORKERS COMP INSURANCE	0.00	188.50	890.00	701.50	21.18
101-372-722.000	UNEMPLOYMENT INSURANCE	0.00	161.99	270.00	108.01	60.00
101-372-724.000	DENTAL INSURANCE	131.35	1,072.68	1,710.00	637.32	62.73
101-372-744.000	UNIFORMS-ORDINANCE	0.00	165.99	500.00	334.01	33.20
101-372-757.000	OPERATING SUPPLIES	0.00	749.00	200.00	(549.00)	374.50
101-372-853.000	CELLULAR PHONE	52.27	363.81	1,000.00	636.19	36.38
101-372-863.000	VEHICLE MAINTENANCE	45.25	77.25	3,000.00	2,922.75	2.58
101-372-864.000	CONFERENCE & MEETINGS	0.00	383.08	750.00	366.92	51.08
101-372-867.000	GASOLINE	117.89	612.65	1,750.00	1,137.35	35.01
101-372-910.000	INSURANCE	0.00	543.38	800.00	256.62	67.92
101-372-958.000	MEMBERSHIPS & DUES	0.00	75.00	150.00	75.00	50.00
101-372-960.000	TRAINING	0.00	0.00	500.00	500.00	0.00
101-372-962.000	MISCELLANEOUS	0.00	204.37	250.00	45.63	81.75
101-372-963.000	DANGEROUS BLDG DEMOLITIONS	0.00	325.00	0.00	(325.00)	100.00
ORDINANCE		8,198.92	70,096.96	112,755.00	42,658.04	62.17

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 101 - GENERAL FUND						
Expenditures						
TOTAL EXPENDITURES		309,606.91	3,537,405.75	6,629,551.00	3,092,145.25	53.36
Fund 101 - GENERAL FUND:						
TOTAL REVENUES		1,076,186.98	4,569,798.65	6,629,551.00	2,059,752.35	68.93
TOTAL EXPENDITURES		309,606.91	3,537,405.75	6,629,551.00	3,092,145.25	53.36
NET OF REVENUES & EXPENDITURES		766,580.07	1,032,392.90	0.00	(1,032,392.90)	100.00

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 206 - FIRE						
Revenues						
REVENUES						
206-000-393.000	FUND BALANCE - DESIGNATED	0.00	0.00	(153,145.00)	(153,145.00)	0.00
206-000-402.000	TAX COLLECTIONS	0.00	3,356,996.16	3,339,988.00	(17,008.16)	100.51
206-000-607.000	PERMIT AND INSPECTION FEES	0.00	12,645.54	2,500.00	(10,145.54)	505.82
206-000-626.000	COST RECOVERY REVENUE	0.00	0.00	2,000.00	2,000.00	0.00
206-000-630.000	AMBULANCE TRANSPORTATION REVENUE	0.00	0.00	2,000.00	2,000.00	0.00
206-000-665.000	INTEREST	2,830.94	62,827.03	25,000.00	(37,827.03)	251.31
206-000-695.000	MISC REVENUE	0.00	295.50	0.00	(295.50)	100.00
206-336-977.002	USE OF FUND BALANCE	0.00	0.00	301,000.00	301,000.00	0.00
REVENUES		2,830.94	3,432,764.23	3,519,343.00	86,578.77	97.54
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TOTAL REVENUES		2,830.94	3,432,764.23	3,519,343.00	86,578.77	97.54
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Expenditures						
CIVIL SERVICE						
206-220-710.000	FEES & PER DIEM	0.00	0.00	1,000.00	1,000.00	0.00
206-220-727.000	SUPPLIES	0.00	0.00	500.00	500.00	0.00
206-220-903.000	LEGAL NOTICES	0.00	384.95	500.00	115.05	76.99
CIVIL SERVICE		0.00	384.95	2,000.00	1,615.05	19.25
<hr/>						
SALARIES						
206-336-705.000	SALARIES CHIEF	9,776.99	77,854.19	118,000.00	40,145.81	65.98
206-336-705.001	SALARIES CAPTAIN	18,743.39	164,237.03	252,514.00	88,276.97	65.04
206-336-706.001	SALARIES FIRE SERGEANT	28,480.05	242,036.39	370,237.00	128,200.61	65.37
206-336-706.003	SALARIES CLERICAL	0.00	24,230.97	51,693.00	27,462.03	46.87
206-336-706.005	SALARIES FIREFIGHTERS	37,953.33	322,170.83	488,589.00	166,418.17	65.94
206-336-706.007	FIRE MARSHAL/DEPUTY CHIEF	5,904.41	51,806.48	79,110.00	27,303.52	65.49
206-336-709.000	OVERTIME	16,846.58	90,160.55	40,000.00	(50,160.55)	225.40
206-336-710.000	PAID ON CALL WAGES	2,218.47	55,500.74	180,000.00	124,499.26	30.83
206-336-720.000	HOLIDAY/PERSONAL PAY	44.59	65,198.64	155,620.00	90,421.36	41.90
SALARIES		119,967.81	1,093,195.82	1,735,763.00	642,567.18	62.98
<hr/>						
PAYROLL BENEFITS						
206-336-715.000	SOCIAL SECURITY	8,895.91	81,561.38	133,000.00	51,438.62	61.32
206-336-716.000	HOSP & OPTICAL INSURANCE	28,083.56	225,677.61	357,000.00	131,322.39	63.22
206-336-716.002	RETIREE HEALTH CARE PREMIUMS	2,944.74	24,681.07	40,000.00	15,318.93	61.70
206-336-717.000	GROUP LIFE INSURANCE	148.75	1,319.20	2,310.00	990.80	57.11
206-336-718.000	PENSION	13,024.72	114,389.68	186,000.00	71,610.32	61.50
206-336-718.002	HEALTH CARE SAVINGS PLAN	780.06	6,618.14	8,600.00	1,981.86	76.96
206-336-718.003	OPEB FUNDING	0.00	150,000.00	150,000.00	0.00	100.00
206-336-719.000	WORKERS COMP INSURANCE	0.00	33,003.51	99,690.00	66,686.49	33.11
206-336-722.000	UNEMPLOYMENT INSURANCE	0.00	3,077.96	5,130.00	2,052.04	60.00
206-336-724.000	DENTAL INSURANCE	1,787.07	15,366.36	24,000.00	8,633.64	64.03
PAYROLL BENEFITS		55,664.81	655,694.91	1,005,730.00	350,035.09	65.20
<hr/>						
OTHER						
206-336-727.000	OFFICE SUPPLIES	116.55	3,310.72	3,000.00	(310.72)	110.36
206-336-730.000	SHIPPING & FREIGHT	0.00	4.56	500.00	495.44	0.91
206-336-744.000	UNIFORMS	283.25	5,776.86	20,000.00	14,223.14	28.88
206-336-744.002	FOOD ALLOWANCE	0.00	4,685.40	11,050.00	6,364.60	42.40
206-336-757.000	OPERATING SUPPLIES	693.24	17,922.57	22,000.00	4,077.43	81.47

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
Fund 206 - FIRE						
Expenditures						
206-336-758.000	OXYGEN & AIR	265.86	2,406.37	5,000.00	2,593.63	48.13
206-336-767.000	MEDICAL SUPPLIES	573.22	5,190.18	20,000.00	14,809.82	25.95
206-336-801.000	CONSULTANT/PROFESSIONAL SERVICES	0.00	0.00	6,000.00	6,000.00	0.00
206-336-807.000	AUDIT FEES	0.00	4,000.00	4,000.00	0.00	100.00
206-336-826.000	LEGAL FEES	312.50	2,851.50	20,000.00	17,148.50	14.26
206-336-826.002	TAX TRIBUNAL REFUNDS	0.00	0.00	4,000.00	4,000.00	0.00
206-336-826.003	TAX TRIBUNAL REFUNDS 04M	0.00	0.00	1,000.00	1,000.00	0.00
206-336-835.000	MEDICAL SERVICES	0.00	56.00	8,000.00	7,944.00	0.70
206-336-851.000	RADIO MAINTENANCE	0.00	456.21	2,500.00	2,043.79	18.25
206-336-853.000	CELL PHONES	185.30	1,464.67	4,000.00	2,535.33	36.62
206-336-853.001	TELEPHONE STATION 1	66.07	828.10	1,600.00	771.90	51.76
206-336-853.002	TELEPHONE STATION 2	155.84	677.35	2,000.00	1,322.65	33.87
206-336-853.003	TELEPHONE STATION 3	95.52	395.09	1,000.00	604.91	39.51
206-336-863.001	VEHICLE MAINTENANCE	2,397.34	31,469.08	80,000.00	48,530.92	39.34
206-336-863.002	TIRES	0.00	1,411.36	10,000.00	8,588.64	14.11
206-336-864.000	CONFERENCES & MEETINGS	0.00	0.00	7,500.00	7,500.00	0.00
206-336-867.000	GASOLINE	1,241.10	10,446.59	35,000.00	24,553.41	29.85
206-336-903.000	LEGAL NOTICES	0.00	0.00	200.00	200.00	0.00
206-336-910.000	INSURANCE	0.00	40,527.29	56,000.00	15,472.71	72.37
206-336-921.001	ELECTRIC STATION 1	1,977.69	7,654.78	12,000.00	4,345.22	63.79
206-336-921.002	ELECTRIC STATION 2	347.23	2,413.27	5,500.00	3,086.73	43.88
206-336-921.003	ELECTRIC STATION 3	395.12	1,670.20	2,500.00	829.80	66.81
206-336-923.001	HEAT STATION 1	131.95	2,240.36	5,000.00	2,759.64	44.81
206-336-923.002	HEAT STATION 2	25.35	822.52	4,000.00	3,177.48	20.56
206-336-923.003	HEAT STATION 3	18.78	1,182.33	3,000.00	1,817.67	39.41
206-336-931.001	MAINTENANCE STATION 1	847.76	4,558.63	20,000.00	15,441.37	22.79
206-336-931.002	MAINTENANCE STATION 2	789.93	3,218.01	16,000.00	12,781.99	20.11
206-336-931.003	MAINTENANCE STATION 3	210.00	1,857.52	10,000.00	8,142.48	18.58
206-336-933.000	EQUIPMENT MAINTENANCE	1,988.83	3,854.41	15,000.00	11,145.59	25.70
206-336-957.000	SUBSCRIPTIONS	660.00	660.00	3,500.00	2,840.00	18.86
206-336-958.000	MEMBERSHIPS & DUES	1,256.07	1,471.07	12,000.00	10,528.93	12.26
206-336-960.000	TRAINING	0.00	10,298.75	40,000.00	29,701.25	25.75
206-336-962.000	MISCELLANEOUS	4.00	417.00	3,000.00	2,583.00	13.90
OTHER		15,038.50	176,198.75	475,850.00	299,651.25	37.03
AQUISTITIONS						
206-336-977.000	EQUIPMENT ACQUISITIONS 04M	0.00	6,626.06	250,000.00	243,373.94	2.65
206-336-977.001	SUPPLY ACQUISITIONS 04M	0.00	5,829.48	50,000.00	44,170.52	11.66
AQUISTITIONS		0.00	12,455.54	300,000.00	287,544.46	4.15
TOTAL EXPENDITURES						
		190,671.12	1,937,929.97	3,519,343.00	1,581,413.03	55.07
Fund 206 - FIRE:						
TOTAL REVENUES		2,830.94	3,432,764.23	3,519,343.00	86,578.77	97.54
TOTAL EXPENDITURES		190,671.12	1,937,929.97	3,519,343.00	1,581,413.03	55.07
NET OF REVENUES & EXPENDITURES		(187,840.18)	1,494,834.26	0.00	(1,494,834.26)	100.00

PERIOD ENDING 08/31/2020

GL NUMBER	DESCRIPTION	ACTIVITY FOR MONTH 08/31/2020	YTD BALANCE 08/31/2020	2020 AMENDED BUDGET	AVAILABLE BALANCE	% BDGT USED
TOTAL REVENUES - ALL FUNDS		1,079,017.92	8,002,562.88	10,148,894.00	2,146,331.12	78.85
TOTAL EXPENDITURES - ALL FUNDS		500,278.03	5,475,335.72	10,148,894.00	4,673,558.28	53.95
NET OF REVENUES & EXPENDITURES		578,739.89	2,527,227.16	0.00	(2,527,227.16)	100.00



**WHITE LAKE TWP.  
BUDGET AMENDMENT  
10-20-20**

**BUDGET AMENDMENT**

REASON: Budget was established prior to agreement of certain pay increases per negotiations. Also, there has been several staffing changes throughout all departments in 2020.

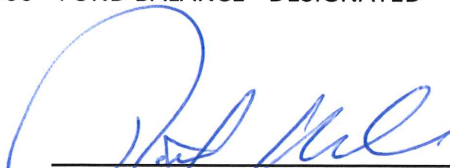
<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>2020 ACTUAL</b>	<b>2020 BUDGET</b>	<b>AMENDMENT</b>	<b>2020 AMENDED BUDGET</b>
101-101-703.000	SALARIES TRUSTEES	25,891	38,691	200	38,891
101-101-710.000	FEES & PER DIEM	4,725	6,000	1,500	7,500
101-101-715.000	SOCIAL SECURITY	1,981	2,960	150	3,110
101-171-703.000	SALARIES SUPERVISOR	58,277	88,790	500	89,290
101-171-704.000	SALARIES, ADMIN ASSISTANT	33,672	51,443	3,600	55,043
101-171-708.000	SALARIES HR WAGES	7,737	12,440	325	12,765
101-171-715.000	SOCIAL SECURITY	7,328	13,400	340	13,740
101-171-718.000	PENSION	32,588	50,550	1,300	51,850
101-192-701.000	SALARIES SENIOR ACCOUNT MANAGER	53,030	80,795	2,020	82,815
101-192-702.000	SALARIES BOOKKEEPER	42,859	65,300	1,650	66,950
101-192-709.000	OVERTIME	139	200	50	250
101-192-715.000	SOCIAL SECURITY	7,375	11,200	300	11,500
101-209-706.001	SALARIES ASSESSOR	63,877	90,567	500	91,067
101-209-706.002	SALARIES PROPERTY APPRAISER	74,061	121,145	650	121,795
101-209-706.003	SALARIES CLERICAL	1,998	0	26,000	26,000
101-209-715.000	SOCIAL SECURITY	11,655	18,600	1,000	19,600
101-209-718.000	PENSION	18,237	31,400	7,550	38,950
101-209-716.000	HOSP & OPTICAL INSURANCE	26,862	53,875	10,050	63,925
101-209-717.000	GROUP LIFE INSURANCE	265	470	60	530
101-209-719.000	WORKERS COMP INSURANCE	719	2,670	150	2,820
101-209-724.000	DENTAL INSURANCE	1,489	3,215	500	3,715
101-215-703.000	SALARIES CLERK	54,136	82,481	500	82,981
101-215-704.000	SALARIES DEPUTY CLERK	49,305	72,274	400	72,674
101-215-706.001	SALARIES CLERICAL	56,980	83,180	450	83,630
101-215-706.003	PART TIME CLERICAL	1,786	0	2,500	2,500
101-215-709.000	OVERTIME	347	300	200	500
101-215-715.000	SOCIAL SECURITY	13,755	18,225	100	18,325
101-215-718.000	PENSION	64,584	84,500	500	85,000
101-215-718.001	HEALTH CARE SAVINGS PROGRAM	700	600	600	1,200
101-215-722.000	UNEMPLOYMENT INSURANCE	514	810	200	1,010
101-253-703.000	SALARIES TREASURER	54,136	82,481	500	82,981
101-253-704.000	SALARIES DEPUTY TREASURER	48,648	72,274	400	72,674
101-253-706.001	SALARIES CLERICAL FT	66,556	101,576	600	102,176
101-253-715.000	SOCIAL SECURITY	12,651	19,650	100	19,750
101-253-718.000	PENSION	49,635	75,630	500	76,130
101-265-706.000	SALARIES MAINTENANCE	34,534	52,647	300	52,947
101-265-707.000	SALARIES CUSTODIAN	27,844	42,157	225	42,382

**WHITE LAKE TWP.  
BUDGET AMENDMENT  
10-20-20**

**BUDGET AMENDMENT**

REASON: Budget was established prior to agreement of certain pay increases per negotiations. Also, there has been several staffing changes throughout all departments in 2020.

GL NUMBER	DESCRIPTION	2020 ACTUAL	2020		2020
			BUDGET	AMENDMENT	AMENDED BUDGET
101-265-708.000	PART TIME MAINTENANCE	2,507	0	3,000	3,000
101-265-715.000	SOCIAL SECURITY	4,917	7,900	100	8,000
101-265-718.000	PENSION	15,853	18,000	6,000	24,000
101-372-706.001	SALARIES ORDINANCE OFFICER	38,315	58,375	300	58,675
101-372-715.000	SOCIAL SECURITY	2,807	6,500	50	6,550
101-402-706.001	SALARIES PLANNING DIRECTOR	59,443	90,567	500	91,067
101-402-706.002	SALARIES CLERICAL	32,946	50,257	250	50,507
101-402-715.000	SOCIAL SECURITY	10,050	17,710	100	17,810
101-402-718.001	HEALTH CARE SAVINGS PROGRAM	1,400	1,200	1,000	2,200
101-757-703.000	SALARIES SENIOR DIRECTOR	35,860	54,635	300	54,935
101-757-715.000	SOCIAL SECURITY	4,487	7,890	50	7,940
101-757-718.000	PENSION	9,553	12,330	2,200	14,530
101-000-393.000	FUND BALANCE - DESIGNATED		(1,286,967)	(80,320)	(1,367,287)
206-336-706.003	SALARIES CLERICAL	24,231	51,693	(26,000)	25,693
206-000-393.000	FUND BALANCE - DESIGNATED		153,145	26,000	179,145
207-301-706.001	SALARIES LIEUTENANTS	165,208	173,386	75,500	248,886
207-000-393.000	DESIGNATED FUND BALANCE		(185,138)	(75,500)	(260,638)
					0
249-000-706.001	SALARIES BLDG OFFICIAL	45,200	73,154	400	73,554
249-000-706.002	SALARIES CLERICAL	62,287	101,643	510	102,153
249-000-715.000	SOCIAL SECURITY	7,893	19,500	100	19,600
249-000-718.000	PENSION	4,266	17,550	100	17,650
249-000-393.000	FUND BALANCE - DESIGNATED		(24,083)	(1,110)	(25,193)
591-000-703.000	MANAGER SALARIES	57,128	87,041	450	87,491
591-000-706.000	WAGES CLERICAL	52,113	95,894	500	96,394
591-000-707.000	WAGES MAINTENANCE	73,398	112,060	570	112,630
591-000-709.000	WAGES OVERTIME	4,843	5,000	2,300	7,300
591-000-715.000	SOCIAL SECURITY	14,339	24,800	200	25,000
591-000-718.000	PENSION	9,991	16,150	100	16,250
591-000-393.000	FUND BALANCE - DESIGNATED		(687,300)	(4,120)	(691,420)

  
Rik Kowall, Supervisor

10-13-20  
Date

**WHITE LAKE TWP  
HAZARD PAY  
10/20/2020**

**BUDGET AMENDMENT**

**REASON: TO REFLECT HAZARD PAY FEDERAL GRANT REIMBURSEMENT AND PAYMENT TO PUBLIC SAFETT PERSONNEL**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>2020 ACTUAL</b>	<b>2020 BUDGET</b>	<b>AMENDMENT</b>	<b>2020 AMENDED BUDGET</b>
206-336-705.000	SALARIES CHIEF	77,854	118,000	1,000	119,000
206-336-705.001	SALARIES CAPTAIN	164,237	252,514	3,000	255,514
206-336-706.001	SALARIES FIRE SERGEANT	242,036	370,237	5,000	375,237
206-336-706.005	SALARIES FIREFIGHTERS	322,171	488,589	8,000	496,589
206-336-706.007	FIRE MARSHAL	51,806	79,110	1,000	80,110
206-336-710.000	PAID ON CALL WAGES	55,501	180,000	9,000	189,000
206-336-715.000	SOCIAL SECURITY	81,561	133,000	2,070	135,070
206-000-530.000	FEDERAL GRANTS	(27,000)		(27,000)	(27,000)
206-000-393.000	FUND BALANCE - DESIGNATED		179,145	(2,070)	177,075
207-301-705.000	SALARIES CHIEF	65,468	99,747	1,000	100,747
207-301-706.001	SALARIES LIEUTENANTS	165,208	248,886	3,000	251,886
207-301-706.002	SALARIES SERGEANTS	224,428	406,215	4,000	410,215
207-301-706.003	SALARIES POLICE OFFICERS	896,054	1,402,681	21,000	1,423,681
207-301-706.004	SALARIES DISPATCHERS	194,535	297,050	5,000	302,050
207-301-715.000	SOCIAL SECURITY	135,832	226,780	2,600	229,380
207-000-530.000	FEDERAL GRANTS	(34,000)		(34,000)	(34,000)
207-000-393.000	DESIGNATED FUND BALANCE		(260,638)	(2,600)	(263,238)

  
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 Rik Kowall, Supervisor

10-13-20  
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 Date

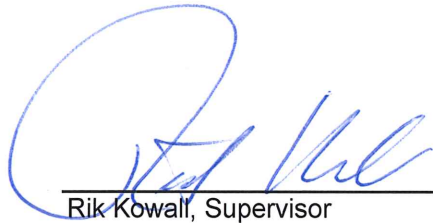
WHITE LAKE TWP  
FIRE FUND  
10/20/2020

BUDGET AMENDMENT

REASON FOR AMENDMENT:

Amend fire department budget for new position "Deputy Chief/Fire Marshall".

A/C #	R/E	A/C DESCRIPTION	YTD	20 BUDGET	ADJUST	REVISED
206-336-706-007	E	FIRE MARSHALL WAGES	51,806	79,110	2,100	81,210
206-336-718-000	E	PENSION	114,390	186,000	350	186,350
206-336-715-000	E	SOCIAL SECURITY	81,561	133,000	160	133,160
201-000-393-000	R	DESIGNATED FUND BALANCE		177,075	<2,610>	174,465



Rik Kowall, Supervisor

10-13-20  
Date

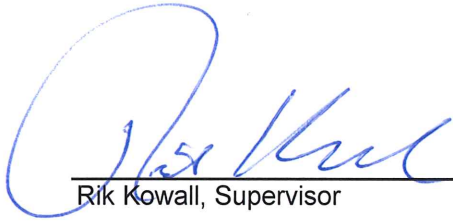
WHITE LAKE TWP  
RUBBISH FUND  
10/20/2020

BUDGET AMENDMENT

REASON FOR AMENDMENT:

Amend budget for costs associated with renewal of SAD

A/C #	R/E	A/C DESCRIPTION	YTD	20 BUDGET	ADJUST	REVISED
226-528-801-000	E	RUBBISH EXPENDITURE	1,445,840	1,728,395	5,500	1,733,895
226-000-393-000	R	DESIGNATED FUND BALANCE		0	(5,500)	(5,500)



Rik Kowall, Supervisor

10-13-20

Date

WHITE LAKE TWP  
PA-188 FUND  
10/20/2020

BUDGET AMENDMENT

REASON FOR AMENDMENT:

Amend budget for increased emergency SAD activity and for Settler's Pointe SAD

A/C #	R/E	A/C DESCRIPTION	YTD	20 BUDGET	ADJUST	REVISED
245-000-972-006	E	SAD SEWER CONNECTS	88,643	100,000	30,000	130,000
245-000-630-003	R	SANITARY SEWER CONNECT	(26,154)	0	(30,000)	(30,000)
245-900-972-011	E	SETTLER'S POINTE SAD	114,360	0	125,000	125,000
245-000-393-000	R	DESIGNATED FUND BALANCE		(28,065)	(125,000)	(153,065)



Rik Kowall, Supervisor

10-13-20  
Date



**WHITE LAKE TWP.  
BUDGET AMENDMENT  
10-20-20**

**BUDGET AMENDMENT**

**REASON: POST PSPHPR GRANT FUNDS RECEIVED TO COVER COSTS OF  
PUBLIC SAFETY PAYROLL & BENEFITS.**

<u>GL NUMBER</u>	<u>DESCRIPTION</u>	<u>2020 ACTUAL</u>	<u>2020 BUDGET</u>	<u>AMENDMENT</u>	<u>2020 AMENDED BUDGET</u>
206-336-709.000	OVERTIME	90,161	40,000	140,000	180,000
206-336-710.000	PAID ON CALL WAGES	55,501	180,000	(90,000)	90,000
206-000-530.000	FEDERAL GRANTS	(27,000)	(27,000)	(177,526)	(204,526)
206-000-393.000	FUND BALANCE - DESIGNATED		174,465	127,526	301,991
207-301-709.003	SHIFT PREMIUM	27,744	34,300	8,000	42,300
207-000-530.000	FEDERAL GRANTS	(34,000)	(34,000)	(326,846)	(360,846)
207-000-393.000	DESIGNATED FUND BALANCE		(263,238)	318,846	55,608
101-000-530-001	FEDERAL GRANTS	0	0	(18,968)	(18,968)
101-000-393-000	FUND BALANCE - DESIGNATED		(1,367,287)	18,968	(1,348,319)

*[Handwritten Signature]*  
10-13-20

WHITE LAKE TWP.  
 SEPTEMBER 2020 CHECK DISBURSEMENTS

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/21/2020	FLEX	1232136	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	133.91
09/01/2020	FLEX	1508	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	34.00
09/02/2020	FLEX	1509	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	235.79
09/03/2020	FLEX	1510	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	80.53
09/04/2020	FLEX	1511	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	537.68
09/05/2020	FLEX	1512	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	225.54
09/06/2020	FLEX	1513	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	23.35
09/07/2020	FLEX	1514	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	74.90
09/08/2020	FLEX	1515	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	29.27
09/09/2020	FLEX	1516	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	331.89
09/10/2020	FLEX	1517	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	77.00
09/11/2020	FLEX	1518	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	129.96
09/12/2020	FLEX	1519	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	26.00
09/13/2020	FLEX	1520	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	87.13
09/14/2020	FLEX	1521	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	255.86
09/15/2020	FLEX	1522	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	183.14
09/16/2020	FLEX	1523	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	303.81
09/18/2020	FLEX	1524	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	107.68
09/19/2020	FLEX	1525	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	90.00
09/21/2020	FLEX	1526	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	56.36
09/22/2020	FLEX	1527	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	149.80
09/23/2020	FLEX	1528	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	107.99
09/02/2020	FLEX	2519	FLEXIBLE SPENDING ACCT	FLEXIBLE SPENDING ACCOUNT	701-000-282.000	FLEXIBLE SPENDING ACCOUNT	30.00
<b>FLEX Total</b>							<b>3,311.59</b>
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-000-080.718	DUE FROM WATER PENSION	626.37
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-000-231.001	PAY DEDUCT PENSION	9,505.92
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-171-718.000	PENSION	3,408.26
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-192-718.000	PENSION	3,034.92
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-209-718.000	PENSION	2,684.46
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-215-718.000	PENSION	9,203.67
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-253-718.000	PENSION	5,847.71
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-265-718.000	PENSION	1,897.90
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-372-718.000	PENSION	1,164.54
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-402-718.000	PENSION	2,214.46
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	101-757-718.000	PENSION	1,144.63
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	206-000-231.001	PAY DEDUCT PENSION	5,415.44
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	206-336-718.000	PENSION	12,758.51
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	207-000-231.001	PAY DEDUCT PENSION	13,375.18
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	207-301-718.000	PENSION	41,878.18
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	249-000-231.001	PAY DEDUCT PENSION	667.92
09/15/2020	GEN	1230059(E)	MERS	AUG2020 CONTRIBUTIONS	249-000-718.000	PENSION	532.99



**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/03/2020	GEN	85944	MARK CARLSON	08/15/20-08/28/20 ELECTRICAL IN	249-000-707.000	ELECTRICAL INSPECTOR	2,238.00
09/03/2020	GEN	85945	SCOTT HERZBERG	08/15/20-08/28/20 PLUMBING AN	249-000-707.001	PLUMBING/MECHANICAL INSPECTOR	5,010.90
09/03/2020	GEN	85946	A&M PLUMBING	REPAIR COPPER WATER LINE/POLI	207-301-931.001	BLDG MAINTENANCE & SUPPLIES	297.36
09/03/2020	GEN	85947	AT & T	JUL 20 - AUG 19, 2020 CHARGES	101-000-080.853	DUE FROM WATER PHONE BILL	317.61
09/03/2020	GEN	85947	AT & T	JUL 20 - AUG 19, 2020 CHARGES	101-265-853.000	TELEPHONE	830.58
09/03/2020	GEN	85947	AT & T	JUL 20 - AUG 19, 2020 CHARGES	101-269-853.001	TELEPHONE FISK FARM	29.46
09/03/2020	GEN	85947	AT & T	JUL 20 - AUG 19, 2020 CHARGES	101-757-853.000	TELEPHONE	89.81
09/03/2020	GEN	85947	AT & T	JUL 20 - AUG 19, 2020 CHARGES	206-336-853.001	TELEPHONE STATION 1	63.33
09/03/2020	GEN	85947	AT & T	JUL 20 - AUG 19, 2020 CHARGES	207-301-853.000	TELEPHONE	619.96
09/03/2020	GEN	85948	CDW GOVERNMENT	4PORT PORTABLE SLIM USB HUN	101-265-971.000	TECHNOLOGY EQUIPMENT	22.04
09/03/2020	GEN	85949	COMCAST	STA #2 09/06/20-10/05/20 CHARG	206-336-757.000	OPERATING SUPPLIES	230.96
09/03/2020	GEN	85950	CONSUMERS ENERGY	7525 HIGHLAND 07/11/20-08/10/	101-265-923.000	HEAT TWP HALL	86.50
09/03/2020	GEN	85950	CONSUMERS ENERGY	685 UNION LK 07/28/20-08/24/20	101-757-923.000	HEAT	26.77
09/03/2020	GEN	85950	CONSUMERS ENERGY	860 ROUND LK STA #2 07/28/20-C	206-336-923.002	HEAT STATION 2	25.55
09/03/2020	GEN	85951	DASH MEDICAL GLOVES	BLACK MAXX NITRILE GLOVES	206-336-757.000	OPERATING SUPPLIES	77.90
09/03/2020	GEN	85952	DESIGN & CONSTRUCTION RESOURCES	2021 ENR SQUARE FOOT COSTBOC	249-000-757.000	OPERATING SUPPLIES	100.70
09/03/2020	GEN	85953	DTE ENERGY	9180 HIGHLAND 07/23/20-08/21/	101-269-921.004	ELECTRIC FISK	21.11
09/03/2020	GEN	85953	DTE ENERGY	685 UNION 07/23/20-08/21/20 CI	101-757-921.000	ELECTRIC	328.80
09/03/2020	GEN	85954	DLZ MICHIGAN, INC.	8285 HIGHLAND RD, OLD GENERAL	101-402-801.000	PROFESSIONAL FEES	100.00
09/03/2020	GEN	85955	EAGLE SECURITY FIRE & LIFE SAFETY	SECURITY ALARM - LABOR	101-265-974.000	IMPROVEMENTS & BETTERMENTS	8,601.00
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-000-073.001	DUE FROM LIBRARY FUND	34.24
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-000-080.716	DUE FROM WATER HOSPITALIZATION	64.31
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-171-716.000	HOSP & OPTICAL INSURANCE	29.00
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-192-716.000	HOSP & OPTICAL INSURANCE	10.38
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-209-716.000	HOSP & OPTICAL INSURANCE	30.12
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-215-716.000	HOSP & OPTICAL INSURANCE	38.87
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-253-716.000	HOSP & OPTICAL INSURANCE	48.69
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-265-716.000	HOSP & OPTICAL INSURANCE	15.06
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-372-716.000	HOSP & OPTICAL INSURANCE	14.50
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-402-716.000	HOSP & OPTICAL INSURANCE	9.87
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-757-716.000	HOSP & OPTICAL INSURANCE	19.74
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	101-863-730.000	RETIREE HEALTH INSURANCE	72.66
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	206-336-716.000	HOSP & OPTICAL INSURANCE	190.28
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	206-336-716.002	RETIREE HEALTH CARE PREMIUMS	24.93
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	207-301-716.000	HOSP & OPTICAL INSURANCE	391.81
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	207-301-716.001	RETIREE HOSP & OPTICAL INSURANCE	203.51
09/03/2020	GEN	85956	FIDELITY SECURITY LIFE INS/EYEMED	SEPTEMBER PREMIUMS	249-000-716.000	HOSP & OPTICAL INSURANCE	34.19
09/03/2020	GEN	85957	FIRST CHOICE COFFEE SERVICES	STA #1 & STA #2, WATER PURIFIER	206-336-931.001	MAINTENANCE STATION 1	35.00
09/03/2020	GEN	85957	FIRST CHOICE COFFEE SERVICES	STA #1 & STA #2, WATER PURIFIER	206-336-931.002	MAINTENANCE STATION 2	35.00
09/03/2020	GEN	85957	FIRST CHOICE COFFEE SERVICES	STA # 3 MONTHLY CHARGES	206-336-931.003	MAINTENANCE STATION 3	35.00
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CH	101-000-080.962	DUE FROM WATER MISCELLANEOUS	1,445.46

WHITE LAKE TWP.  
 SEPTEMBER 2020 CHECK DISBURSEMENTS

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-191-740.000	OPERATING SUPPLIES	1,747.34
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-249-727.000	OFFICE SUPPLIES	1,528.02
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-265-867.000	GASOLINE	27.21
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-265-931.002	GROUNDS MAINTENANCE	111.92
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-265-971.000	TECHNOLOGY EQUIPMENT	1,335.87
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-269-931.013	BUILDING MAINTENANCE-TWP ANNEX	179.52
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	101-269-932.000	ANNEX GROUND MAINTENANCE	14.97
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	206-000-067.005	DUE FROM OTHERS	242.35
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	206-336-727.000	OFFICE SUPPLIES	116.55
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	206-336-744.000	UNIFORMS	62.00
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	206-336-863.001	VEHICLE MAINTENANCE	152.61
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	206-336-931.001	MAINTENANCE STATION 1	116.20
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	206-336-931.002	MAINTENANCE STATION 2	29.47
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	207-000-067.004	DUE FROM OTHERS	16.94
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	207-301-727.000	OFFICE SUPPLIES	90.07
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	207-301-757.000	OPERATING SUPPLIES	138.59
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	207-301-863.001	VEHICLE MAINTENANCE	17.12
09/03/2020	GEN	85958	FLAGSTAR BANK	07/14/20-08/13/20 - MONTHLY CF	245-900-972.006	SAD SEWER CONNECTS	60.00
09/03/2020	GEN	85959	GLOBAL OFFICE SOLUTIONS	COPY PAPER, CRTDG	101-000-080.727	DUE FROM WATER OFFICE SUPPLIES	214.23
09/03/2020	GEN	85959	GLOBAL OFFICE SOLUTIONS	RULER, MARKERS	101-249-727.000	OFFICE SUPPLIES	232.36
09/03/2020	GEN	85959	GLOBAL OFFICE SOLUTIONS	COPY PAPER, CRTDG	206-336-727.000	OFFICE SUPPLIES	87.48
09/03/2020	GEN	85959	GLOBAL OFFICE SOLUTIONS	COPY PAPER, CRTDG	207-301-727.000	OFFICE SUPPLIES	265.60
09/03/2020	GEN	85960	HURON CEMETERY MAINTENANCE INC.	BURIAL CREMAINS (3)	101-276-935.000	CEMETERY-GRAVESITE OPENING/CLOSINGS	1,350.00
09/03/2020	GEN	85961	HOME DEPOT CREDIT SERVICES	07/23/20-08/10/20 - MONTHLY CF	206-336-931.001	MAINTENANCE STATION 1	70.38
09/03/2020	GEN	85961	HOME DEPOT CREDIT SERVICES	07/23/20-08/10/20 - MONTHLY CF	206-336-931.002	MAINTENANCE STATION 2	8.25
09/03/2020	GEN	85962	HOUSTON'S LAWN SERVICE	AUGUST GRANGER MOWING	101-276-932.000	CEMETERY MAINT	2,155.00
09/03/2020	GEN	85963	JASON HUDSON	HUDSON, REIM TRIDENT ULTRALIT	101-372-744.000	UNIFORMS-ORDINANCE	63.23
09/03/2020	GEN	85964	MERGE LIVE	08/25/20-SPECIAL BOARD MEETIN	101-101-710.000	FEES & PER DIEM	235.00
09/03/2020	GEN	85965	PETER PICCINATO	PICCINATO-RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85966	MARTIN CIURLIK	CIURLIK-RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85967	STEVE ANDERSON	ANDERSON-RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85968	SARAH MAY-SEWARD	MAY-SEWARD-RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85969	MICHAEL POWELL	MAY-SEWARD-RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85970	ANDREA VOORHEIS	VOORHEIS RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	** VOIDED **
09/03/2020	GEN	85971	LIZ SMITH	SMITH - RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85972	SCOTT RUGGLES	RUGGLES- RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85973	TERRY LILLEY	LILLEY- RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85974	ANTHONY NOBLE	NOBLE- RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85975	MIKE ROMAN	ROMAN- RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85976	RIK KOWALL	KOWALL- RETURN FILING FEE	101-000-695.000	OTHER SUNDRY	100.00
09/03/2020	GEN	85977	MATHESON TRI-GAS INC.	OXYGEN & AIR	206-336-758.000	OXYGEN & AIR	265.86

**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/03/2020	GEN	85978	MULTI-LAKES CONSERVATION ASSOCIA	ODR#2 RANGE FEES 03/24/20-05/	207-301-741.000	FIRE ARMS, TRNG & RANGE SUPPLIES	1,000.00
09/03/2020	GEN	85979	OAKLAND COUNTY ROAD COMMISSION	GRASS LK RD TO STEEPLE HILL DRIV	101-451-970.000	ROAD CONSTRUCTION/TRI PARTY	749,999.30
09/03/2020	GEN	85980	SAFEWAY SHREDDING	PD, SHREDDING	207-301-727.000	OFFICE SUPPLIES	50.00
09/03/2020	GEN	85981	SPINAL COLUMN MEDIA GROUP	08/19/20-LEGAL WHITE LAKE SYNC	101-215-903.000	LEGAL NOTICES	354.75
09/03/2020	GEN	85981	SPINAL COLUMN MEDIA GROUP	08/12/20-LEGAL WHITE LAKE ZBA	101-402-903.000	LEGAL NOTICES	709.50
09/03/2020	GEN	85982	SIRCHIE FINGERPRINT LABORATORIES	DRUG TESTS	207-301-962.003	EVIDENCE COLLECTION	73.30
09/03/2020	GEN	85983	STAR EMS	BLOOD DRAW-MACDONALD, ALEX	207-301-962.003	EVIDENCE COLLECTION	400.00
09/03/2020	GEN	85984	SUBURBAN FORD	17 FORD TRUCK-OIL CHANGE, FILT	101-265-863.000	VEHICLE MAINTENANCE	39.95
09/03/2020	GEN	85984	SUBURBAN FORD	21-4, BATTERY/TIRE ROTATION	207-301-863.001	VEHICLE MAINTENANCE	880.00
09/03/2020	GEN	85985	TRANSUNION RISK AND ALTERNATIVE I	08/01/20-08/31/20 MONTHLY CH/	207-301-962.001	MISCELLANEOUS	100.00
09/03/2020	GEN	85986	UNIFIRST CORPORATION	UNIFORM CHARGES	101-000-080.962	DUE FROM WATER MISCELLANEOUS	18.35
09/03/2020	GEN	85986	UNIFIRST CORPORATION	UNIFORM CHARGES	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	11.82
09/03/2020	GEN	85987	WAL-MART	07/31/20-08/13/20 MONTHLY CH/	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	3.12
09/03/2020	GEN	85987	WAL-MART	07/31/20-08/13/20 MONTHLY CH/	206-336-757.000	OPERATING SUPPLIES	463.74
09/03/2020	GEN	85988	SPINAL COLUMN MEDIA GROUP	08/12/20-LEGAL WHITE LAKE RUBI	226-528-801.000	RUBBISH EXPENDITURE	231.00
09/03/2020	GEN	85989	MERGE LIVE	08/26/20-SPECIAL BOARD MEETIN	208-000-710.000	FEE'S AND PER DIEM	235.00
09/03/2020	GEN	85990	O.C.W.R.C.	BOGIE LK NORTH-SEWER PLAN GR.	296-536-801.000	PROFESSIONAL FEES	550.00
09/03/2020	GEN	85991	SPINAL COLUMN MEDIA GROUP	08/12/20-LEGAL WHITE LAK EMER	296-536-801.000	PROFESSIONAL FEES	239.25
09/03/2020	GEN	85992	THE CHESAPEAKE GROUP, INC.	DEVELOPMENT OF MARKETING M.	246-000-970.005	CAPITAL OUTLAY-NEW TWP HALL	4,000.00
09/03/2020	GEN	85993	COMMERCE TOWNSHIP	AUGUSE COMMERCE SEWER HOO	396-000-998.000	CONNECTION EXPENSE-COMMERCE	19,584.00
09/03/2020	GEN	85994	THE HUNTINGTON NATIONAL BANK	CASTLEWOOD/NORDIC SEWER/W/	591-000-976.005	BOND INTEREST NORDIC DR MAIN	558.45
09/03/2020	GEN	85994	THE HUNTINGTON NATIONAL BANK	CASTLEWOOD/NORDIC SEWER/W/	853-905-995.005	INTEREST EXPENSE-CASTLEWOOD SEWER M	2,839.70
09/03/2020	GEN	85994	THE HUNTINGTON NATIONAL BANK	CASTLEWOOD/NORDIC SEWER/W/	853-905-995.006	INTEREST EXPENSE NORDIC SEWER MAIN	251.85
09/10/2020	GEN	85995	AUDIO SENTRY CORPORATION	10/01/20-12/31/20 FISK FARM SEI	101-269-931.008	EQUIP MAINT FISK	58.50
09/10/2020	GEN	85996	COMCAST	09/15/20-10/14/20 STA 3 CHARGE	206-336-757.000	OPERATING SUPPLIES	219.64
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	101-265-931.002	GROUNDS MAINTENANCE	1,342.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	101-269-931.001	BLDG MAINT COMM HALL	159.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	101-269-931.007	BLDG MAINT FISK	1,260.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	101-269-932.000	ANNEX GROUND MAINTENANCE	560.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	206-336-931.001	MAINTENANCE STATION 1	249.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	206-336-931.002	MAINTENANCE STATION 2	252.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING, WEED KILLER, I	206-336-931.003	MAINTENANCE STATION 3	345.00
09/10/2020	GEN	85997	CUTTING EDGE OUTDOOR SERVICES IN	07/29/20 FIRE, ANNEX TWP, PARK	208-000-931.001	GROUNDS MAINTENANCE	504.00
09/10/2020	GEN	85998	DARWEL ENTERPRISES LLC	PD, FLOOR RUGS, BLANKETS	207-301-931.001	BLDG MAINTENANCE & SUPPLIES	86.58
09/10/2020	GEN	85999	DTE ENERGY	08/01/20-08/31/20 STREET LIGHTI	101-448-926.000	STREET LIGHTING	4,697.94
09/10/2020	GEN	86000	HUTCHINSON'S ELECTRIC INC.	ANNEX ELEVATOR REPAIR	101-269-931.013	BUILDING MAINTENANCE-TWP ANNEX	140.00
09/10/2020	GEN	86001	LOWES BUSINESS ACCOUNT	08/03/20-08/31/20 CHARGES	101-249-727.000	OFFICE SUPPLIES	8.54
09/10/2020	GEN	86001	LOWES BUSINESS ACCOUNT	08/03/20-08/31/20 CHARGES	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	12.35
09/10/2020	GEN	86001	LOWES BUSINESS ACCOUNT	08/03/20-08/31/20 CHARGES	101-265-931.002	GROUNDS MAINTENANCE	18.99
09/10/2020	GEN	86001	LOWES BUSINESS ACCOUNT	08/03/20-08/31/20 CHARGES	101-276-932.000	CEMETERY MAINT	28.70
09/10/2020	GEN	86002	MICHIGAN ECONOMIC DEVELOPERS AS	O'NEAL 2020 MEMBERSHIP DUES	101-402-864.000	CONFERENCES & MEETINGS	305.00

**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-000-080.717	DUE FROM WATER GROUP LIFE INSURANCE	43.75
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-101-717.000	GROUP LIFE INSURANCE	35.00
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-171-717.000	GROUP LIFE INSURANCE	17.50
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-192-717.000	GROUP LIFE INSURANCE	17.50
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-209-717.000	GROUP LIFE INSURANCE	35.00
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-215-717.000	GROUP LIFE INSURANCE	6.13
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-253-717.000	GROUP LIFE INSURANCE	35.00
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-265-717.000	GROUP LIFE INSURANCE	17.50
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-372-717.000	GROUP LIFE INSURANCE	8.75
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-402-717.000	GROUP LIFE INSURANCE	26.25
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	101-757-717.000	GROUP LIFE INSURANCE	17.50
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	206-336-717.000	GROUP LIFE INSURANCE	148.75
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	207-301-717.000	GROUP LIFE INSURANCE	307.42
09/10/2020	GEN	86003	MEDICAL MUTUAL	10/01/20-10/31/20 LIFE INS PREM	249-000-717.000	GROUP LIFE INSURANCE	26.25
09/10/2020	GEN	86004	DEBORAH LENNIS	08/04/20 OPENING CLOSING PREC	101-191-710.000	FEES & PER DIEM	75.00
09/10/2020	GEN	86005	MICHIGAN MUNICIPAL LEAGUE	MEMBERSHIP DUES 07/01/20-06/	101-101-958.000	MEMBERSHIPS & DUES	200.00
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-000-080.910	DUE FROM WATER LIABILITY INSURANCE	6,579.74
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-265-910.000	INSURANCE	13,861.04
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-269-910.001	INSURANCE COMM HALL	174.33
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-269-910.004	INSURANCE FISK	644.52
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-269-910.008	INSURANCE-ANNEX	1,878.71
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-276-910.000	INSURANCE	19.35
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-372-910.000	INSURANCE	181.13
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-402-910.000	INSURANCE	921.42
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-672-910.000	INSURANCE	1,054.50
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	101-757-910.000	INSURANCE	858.61
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	206-336-910.000	INSURANCE	12,856.43
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	207-301-910.000	INSURANCE	33,990.15
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	208-000-910.000	INSURANCE	1,039.71
09/10/2020	GEN	86006	MICHIGAN MUNICIPAL RISK MANAGEM	RISK INSURANCE QRTLTY INSTALLM	249-000-910.000	INSURANCE	689.61
09/10/2020	GEN	86007	STATE OF MICHIGAN	08/31/20 SEX OFFENDER REGISTRY	207-301-805.000	SEX OFFENDERS REGISTRY FEE	30.00
09/10/2020	GEN	86008	OAKLAND COUNTY ROAD COMMISSION	2020 CHLORIDE PROGRAM	101-451-970.000	ROAD CONSTRUCTION/TRI PARTY	30,958.71
09/10/2020	GEN	86009	STANARD & ASSOCIATES INC.	PD, TESTING	207-220-727.000	SUPPLIES-CIVIL SVC	325.00
09/10/2020	GEN	86010	STAR EMS	BLOOD DRAW-FOUST, J	207-301-962.003	EVIDENCE COLLECTION	100.00
09/10/2020	GEN	86011	STEVE'S LOCKSMITH	REKEY GEN TWP DOORS	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	616.00
09/10/2020	GEN	86012	TRACTOR SUPPLY CO.	HOSE CLAMPS	101-265-931.002	GROUNDS MAINTENANCE	12.33
09/10/2020	GEN	86013	U.S. BANK EQUIPMENT FINANCE	DUBLIN MTHLY COPIER RENT	101-757-931.000	BUILDING MAINTENANCE	129.00
09/10/2020	GEN	86014	WEX BANK	AUGUST FUEL	101-000-080.867	DUE FROM WATER GASOLINE	207.99
09/10/2020	GEN	86014	WEX BANK	AUGUST FUEL	101-265-867.000	GASOLINE	180.72
09/10/2020	GEN	86014	WEX BANK	AUGUST FUEL	101-372-867.000	GASOLINE	79.35
09/10/2020	GEN	86014	WEX BANK	AUGUST FUEL	206-336-867.000	GASOLINE	1,111.34

**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/10/2020	GEN	86014	WEX BANK	AUGUST FUEL	207-301-867.000	GASOLINE	3,517.28
09/10/2020	GEN	86014	WEX BANK	AUGUST FUEL	249-000-867.000	GASOLINE	39.62
09/10/2020	GEN	86015	U.S. BANK EQUIPMENT FINANCE	BUILDING DEPT COPIER RENTAL	249-000-971.000	TECHNOLOGY EQUIPMENT	135.00
09/10/2020	GEN	86016	OAKLAND SCHOOLS	RUBBISH SAD NOTICES	226-528-801.000	RUBBISH EXPENDITURE	4,420.58
09/10/2020	GEN	86017	CUTTING EDGE OUTDOOR SERVICES INC	PREPARE AREA AROUND TWIN LKS	296-000-851.000	REPAIRS AND MAINTENANCE	1,392.00
09/10/2020	GEN	86018	WHITE LAKE TOWNSHIP	REIMBURSE WATER FOR SEWER RE	296-000-214.004	DUE TO WATER FUND	151,271.71
09/10/2020	GEN	86019	CUTTING EDGE OUTDOOR SERVICES INC	AUGUST PARKS MOWING	208-000-931.001	GROUNDS MAINTENANCE	8,456.00
09/10/2020	GEN	86020	DLZ MICHIGAN, INC.	CIVIC CTR MASTER PLANNING/GR	246-000-970.005	CAPITAL OUTLAY-NEW TWP HALL	9,750.00
09/11/2020	GEN	86021	ALL SERVICE CARPET CARE	CARPET CLEANING	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	1,099.00
09/17/2020	GEN	86022	DLZ MICHIGAN, INC.	GENERAL ENGINEERING-SEWER	296-536-801.000	PROFESSIONAL FEES	2,332.00
09/17/2020	GEN	86023	SPINAL COLUMN MEDIA GROUP	EMERGENCY SEWER SAD LEGAL AT	296-536-801.000	PROFESSIONAL FEES	462.00
09/17/2020	GEN	86024	SPINAL COLUMN MEDIA GROUP	RUBBISH SAD LEGAL ADVERTISING	226-528-801.000	RUBBISH EXPENDITURE	165.00
09/17/2020	GEN	86025	BRENDEL'S SEPTIC TANK SERVICE	HIDDEN PINES 09/13/20-10/10/10	208-000-922.000	UTILITIES- PARKS	255.00
09/17/2020	GEN	86026	MERGE LIVE	09/01/20 PARKS N REC MEETING	101-101-710.000	FEES & PER DIEM	235.00
09/17/2020	GEN	86027	MARK CARLSON	08/29/20-09/11/20 ELECTRICAL IN	249-000-707.000	ELECTRICAL INSPECTOR	1,755.00
09/17/2020	GEN	86028	SCOTT HERZBERG	08/29/20-09/11/20 MECHANICAL	249-000-707.001	PLUMBING/MECHANICAL INSPECTOR	3,445.20
09/17/2020	GEN	86029	BASIC	(90) MONTHLY COBRA ADMIN FEE	101-299-956.000	UNALLOCATED MISCELLANEOUS	69.30
09/17/2020	GEN	86030	BERESFORD CO	NETBADGE CREDITS (10)	101-299-956.000	UNALLOCATED MISCELLANEOUS	95.00
09/17/2020	GEN	86031	DARWEL ENTERPRISES LLC	GEN TWP FLOOR MATS	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	146.39
09/17/2020	GEN	86031	DARWEL ENTERPRISES LLC	FD FLOOR MATS	206-336-931.001	MAINTENANCE STATION 1	55.15
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-000-073.724	DUE FROM LIBRARY DENTAL INS	281.27
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-000-080.724	DUE FROM WATER DENTAL INSURANCE	452.72
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-171-724.000	DENTAL INSURANCE	262.70
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-192-724.000	DENTAL INSURANCE	80.20
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-209-724.000	DENTAL INSURANCE	230.12
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-215-724.000	DENTAL INSURANCE	171.45
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-253-724.000	DENTAL INSURANCE	434.15
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-265-724.000	DENTAL INSURANCE	115.06
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-372-724.000	DENTAL INSURANCE	131.35
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-402-724.000	DENTAL INSURANCE	206.31
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	101-757-724.000	DENTAL INSURANCE	149.92
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	206-336-724.000	DENTAL INSURANCE	1,787.07
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	207-301-724.000	DENTAL INSURANCE	3,434.70
09/17/2020	GEN	86032	DELTA DENTAL	10/01/20-10/31/20 MONTHLY PRE	249-000-724.000	DENTAL INSURANCE	262.70
09/17/2020	GEN	86033	DTE ENERGY	860 ROUND LAKE 08/11/20-09/10,	206-336-921.002	ELECTRIC STATION 2	344.85
09/17/2020	GEN	86034	DANIEL KELLER	REIMBURE FOR FOOD/CONFERENC	207-301-864.000	CONFERENCES	23.22
09/17/2020	GEN	86035	DLZ MICHIGAN, INC.	61 COPPICE WAY PLOT PLAN REVIE	249-000-801.000	PROFESSIONAL FEES	2,750.00
09/17/2020	GEN	86036	FORSTER'S BROS OF M59 AUTOWASH L	08/12/20 WASH DUE	207-301-863.001	VEHICLE MAINTENANCE	14.00
09/17/2020	GEN	86037	GLOBAL OFFICE SOLUTIONS	ELECTION SUPPLIES LABELS/PAPER	101-191-740.000	OPERATING SUPPLIES	268.38
09/17/2020	GEN	86037	GLOBAL OFFICE SOLUTIONS	WALL CALENDAR, APPT BK, PENS, I	101-249-727.000	OFFICE SUPPLIES	318.07
09/17/2020	GEN	86037	GLOBAL OFFICE SOLUTIONS	PD, PRINTER CARTRIDGES	207-301-727.000	OFFICE SUPPLIES	309.96

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Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/17/2020	GEN	86038	HURON VALLEY GUNS	NEW OFC UNIFORMS (BOHEZ)	207-301-744.000	UNIFORMS	1,202.81
09/17/2020	GEN	86039	I. T. RIGHT	10' PATCH CORD	101-265-971.000	TECHNOLOGY EQUIPMENT	1,820.58
09/17/2020	GEN	86040	MERGE LIVE	09/03/20 PLANNING COMMISION	101-402-710.000	PLANNING/ZBA BOARD FEES	470.00
09/17/2020	GEN	86041	MILLBROOK WATER CO	GEN TWP WATER BOTTLES	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	34.50
09/17/2020	GEN	86042	MICHIGAN NOTARY SERVICE	NOTARY FOR BOCKELMAN AND M	101-192-962.000	MISCELLANEOUS	103.75
09/17/2020	GEN	86042	MICHIGAN NOTARY SERVICE	NOTARY FOR BOCKELMAN AND M	101-215-962.000	MISCELLANEOUS	103.75
09/17/2020	GEN	86043	JOHN KING TRUCKING	STA 1 20 YARDS 21 AA ASPHALT	206-336-931.001	MAINTENANCE STATION 1	700.00
09/17/2020	GEN	86044	OAKLAND SCHOOLS	PAY VOUCHERS, TAX BILLS, WATER	101-000-080.727	DUE FROM WATER OFFICE SUPPLIES	233.55
09/17/2020	GEN	86044	OAKLAND SCHOOLS	PAY VOUCHERS, TAX BILLS, WATER	101-000-080.730	DUE FROM WATER POSTAGE	795.63
09/17/2020	GEN	86044	OAKLAND SCHOOLS	PAY VOUCHERS, TAX BILLS, WATER	101-248-730.000	POSTAGE	4,277.05
09/17/2020	GEN	86044	OAKLAND SCHOOLS	PAY VOUCHERS, TAX BILLS, WATER	101-249-727.000	OFFICE SUPPLIES	5,755.77
09/17/2020	GEN	86044	OAKLAND SCHOOLS	PAY VOUCHERS, TAX BILLS, WATER	226-528-801.000	RUBBISH EXPENDITURE	4,008.71
09/17/2020	GEN	86045	PAYCHEX-HUMAN RESOURCE SERVICES	SEPTEMBER 2020 ANALYSIS AND N	101-299-956.000	UNALLOCATED MISCELLANEOUS	** VOIDED **
09/17/2020	GEN	86046	ROSATI, SCHULTZ, JOPPICH	AUGUST GEN TWP LEGAL FEES	101-210-826.000	LEGAL FEES	4,039.00
09/17/2020	GEN	86046	ROSATI, SCHULTZ, JOPPICH	WLT VS CHISTOPHER REDDING	101-210-826.002	LEGAL FEES-ORDINANCE	2,339.00
09/17/2020	GEN	86046	ROSATI, SCHULTZ, JOPPICH	AUGUST PROSECUTIONS	207-301-826.000	LEGAL FEES-PROSECUTIONS	7,500.00
09/17/2020	GEN	86047	SAMS CLUB	AUG2020 CHARGES	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	90.80
09/17/2020	GEN	86047	SAMS CLUB	AUG2020 CHARGES	208-000-931.001	GROUNDS MAINTENANCE	193.82
09/17/2020	GEN	86048	SPINAL COLUMN MEDIA GROUP	07/22/20 ELECTION LEGAL ADVER	101-191-903.000	LEGAL NOTICES	767.25
09/17/2020	GEN	86048	SPINAL COLUMN MEDIA GROUP	09/02/20 FEE ORDINANCE	101-215-903.000	LEGAL NOTICES	313.50
09/17/2020	GEN	86048	SPINAL COLUMN MEDIA GROUP	ZONING BOARD OF APPEALS	101-402-903.000	LEGAL NOTICES	429.00
09/17/2020	GEN	86049	SIGNATURE FORD	(3) 2020 FORD POLICE INTERCEPT	207-301-977.000	EQUIPMENT ACQUISITIONS	97,332.00
09/17/2020	GEN	86050	STAR EMS	WISE, J-BLOOD ALCOHOL DRAW	207-301-962.003	EVIDENCE COLLECTION	200.00
09/17/2020	GEN	86051	STEVE'S LOCKSMITH	BLDG NAME PLATES	249-000-727.000	OFFICE SUPPLIES	64.00
09/17/2020	GEN	86052	TELEGRATION INC.	AUGUST LONG DISTANCE CHARGE	101-000-080.853	DUE FROM WATER PHONE BILL	22.09
09/17/2020	GEN	86052	TELEGRATION INC.	AUGUST LONG DISTANCE CHARGE	101-265-853.000	TELEPHONE	70.53
09/17/2020	GEN	86052	TELEGRATION INC.	AUGUST LONG DISTANCE CHARGE	101-757-853.000	TELEPHONE	2.92
09/17/2020	GEN	86052	TELEGRATION INC.	AUGUST LONG DISTANCE CHARGE	206-336-853.001	TELEPHONE STATION 1	3.99
09/17/2020	GEN	86052	TELEGRATION INC.	AUGUST LONG DISTANCE CHARGE	206-336-853.002	TELEPHONE STATION 2	0.18
09/17/2020	GEN	86052	TELEGRATION INC.	AUGUST LONG DISTANCE CHARGE	207-301-853.000	TELEPHONE	69.81
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	101-000-080.853	DUE FROM WATER PHONE BILL	263.91
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	101-000-214.016	DUE TO OTHERS	6.16
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	101-171-853.000	CELLULAR PHONE	51.88
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	101-265-853.000	TELEPHONE	28.35
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	101-372-853.000	CELLULAR PHONE	51.22
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	101-402-853.000	CELLULAR PHONE	101.83
09/17/2020	GEN	86053	VERIZON WIRELESS	08/02/20-09/01/20 CELL PHONE C	206-336-853.000	CELL PHONES	182.60
09/17/2020	GEN	86054	JENNIFER EDENS	08/15/20-REGULAR TOWNSHIP BC	101-101-710.000	FEES & PER DIEM	175.00
09/24/2020	GEN	86055	DTE ENERGY	08/13/20-09/11/20 HAWLEY PARK	208-000-921.000	ELECTRIC JUDY HAWLEY PARK	115.74
09/24/2020	GEN	86055	DTE ENERGY	08/13/20-09/09/20 VETTER PARK	208-000-921.001	ELECTRIC - VETTER PARK	75.81
09/24/2020	GEN	86056	GFL	9860 UNITS - CURBSIDE SERVICE	226-528-801.000	RUBBISH EXPENDITURE	142,012.70

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Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/24/2020	GEN	86057	ROSATI, SCHULTZ, JOPPICH	SEWER SERVICES THRU 08/31/20	296-536-801.000	PROFESSIONAL FEES	2,996.00
09/24/2020	GEN	86058	ALPHA PSYCHOLOGICAL SERVICES	PSYCHOLOGICAL ASSESS/EVAL-LY	207-301-962.001	MISCELLANEOUS	725.00
09/24/2020	GEN	86059	ANTHONY SORGE INSPECTIONS, LLC	08/01/20-08/31/20-BLDG INSPECT	249-000-706.003	CONTRACT BLDG INSPECTORS	4,380.00
09/24/2020	GEN	86059	ANTHONY SORGE INSPECTIONS, LLC	08/01/20-08/31/20-BLDG INSPECT	249-000-801.000	PROFESSIONAL FEES	805.00
09/24/2020	GEN	86060	APPLIED IMAGING	ADDTL PAGES 09/16/20-10/15/20	101-000-080.727	DUE FROM WATER OFFICE SUPPLIES	27.94
09/24/2020	GEN	86060	APPLIED IMAGING	ADDTL PAGES 09/16/20-10/15/20	101-249-727.000	OFFICE SUPPLIES	282.94
09/24/2020	GEN	86060	APPLIED IMAGING	ADDTL PAGES 09/16/20-10/15/20	101-757-931.000	BUILDING MAINTENANCE	8.92
09/24/2020	GEN	86060	APPLIED IMAGING	ADDTL PAGES 09/16/20-10/15/20	249-000-727.000	OFFICE SUPPLIES	124.19
09/24/2020	GEN	86061	AUTOZONE	WINDSHIELD WASHER SOLUTION	206-336-863.001	VEHICLE MAINTENANCE	2.92
09/24/2020	GEN	86062	BASIC	SEPT 2020 FSA PLAN ADMINISTRATION	101-000-073.716	DUE FROM LIBRARY HOSP & OPT	18.68
09/24/2020	GEN	86062	BASIC	SEPT 2020 FSA PLAN ADMINISTRATION	101-299-956.000	UNALLOCATED MISCELLANEOUS	154.11
09/24/2020	GEN	86063	BCBS OF MICHIGAN	10/01/20-10/31/20-MEDICARE AD	101-863-730.000	RETIREE HEALTH INSURANCE	5,053.40
09/24/2020	GEN	86063	BCBS OF MICHIGAN	10/01/20-10/31/20-MEDICARE AD	206-336-716.002	RETIREE HEALTH CARE PREMIUMS	2,756.40
09/24/2020	GEN	86063	BCBS OF MICHIGAN	10/01/20-10/31/20-MEDICARE AD	207-301-716.001	RETIREE HOSP & OPTICAL INSURANCE	7,350.40
09/24/2020	GEN	86064	BOUND TREE MEDICAL LLC.	MEGAMOVER TRANSPORT UNITE	206-336-767.000	MEDICAL SUPPLIES	294.94
09/24/2020	GEN	86065	BRILLIANT SYSTEMS LLC	REMOVE RADIOS EQUIP	206-336-851.000	RADIO MAINTENANCE	567.00
09/24/2020	GEN	86066	COMCAST	09/22/20-10/21/20-MONTHLY INT	101-000-080.962	DUE FROM WATER MISCELLANEOUS	59.47
09/24/2020	GEN	86066	COMCAST	09/22/20-10/21/20-MONTHLY INT	101-265-971.000	TECHNOLOGY EQUIPMENT	209.89
09/24/2020	GEN	86066	COMCAST	09/22/20-10/21/20-MONTHLY INT	206-336-757.000	OPERATING SUPPLIES	140.41
09/24/2020	GEN	86066	COMCAST	09/22/20-10/21/20-MONTHLY INT	207-301-818.000	COMPUTER SERVICES	86.45
09/24/2020	GEN	86066	COMCAST	09/22/20-10/21/20-MONTHLY INT	249-000-971.000	TECHNOLOGY EQUIPMENT	59.47
09/24/2020	GEN	86067	CONSUMERS ENERGY	08/11/20-09/11/20 TWP HALL	101-265-923.000	HEAT TWP HALL	91.86
09/24/2020	GEN	86067	CONSUMERS ENERGY	08/11/20-09/11/20 COMM HALL	101-269-923.001	HEAT COMM HALL	17.04
09/24/2020	GEN	86067	CONSUMERS ENERGY	08/14/20-09/16/20 FISK FARM	101-269-923.004	HEAT FISK	13.62
09/24/2020	GEN	86067	CONSUMERS ENERGY	08/11/20-09/11/20 ANNEX	101-269-923.011	GAS-TWP ANNEX	19.35
09/24/2020	GEN	86067	CONSUMERS ENERGY	08/11/20-09/11/20 STA 1	206-336-923.001	HEAT STATION 1	137.19
09/24/2020	GEN	86067	CONSUMERS ENERGY	08/13/20-09/14/20 STA 3	206-336-923.003	HEAT STATION 3	20.08
09/24/2020	GEN	86068	DARWEL ENTERPRISES LLC	PD, FLOOR MATS, BLANKETS	207-301-931.001	BLDG MAINTENANCE & SUPPLIES	86.58
09/24/2020	GEN	86069	DELL MARKETING L P	PD-DOCKING STATION	207-301-818.000	COMPUTER SERVICES	589.67
09/24/2020	GEN	86070	DTE ENERGY	08/13/20-09/11/20 TWP HALL	101-265-921.001	ELECTRIC TWP HALL	2,952.27
09/24/2020	GEN	86070	DTE ENERGY	08/13/20-09/11/20 FISK FARM	101-269-921.004	ELECTRIC FISK	73.34
09/24/2020	GEN	86070	DTE ENERGY	08/13/20-09/11/20 M59/BOGIE ST	101-269-921.006	M59/BOGIE PROP STREET LIGHT	138.74
09/24/2020	GEN	86070	DTE ENERGY	08/13/20-09/11/20 ANNEX	101-269-921.011	ELECTRIC-TWP ANNEX	732.16
09/24/2020	GEN	86071	DOUGLAS WATER CONDITIONING	SALT, RED OUT	206-336-931.001	MAINTENANCE STATION 1	168.50
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-000-073.716	DUE FROM LIBRARY HOSP & OPT	28.38
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-000-080.716	DUE FROM WATER HOSPITALIZATION	172.92
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	SEPTMEMBER ADMIN FEES	101-171-716.000	HOSP & OPTICAL INSURANCE	34.00
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	SEPTMEMBER ADMIN FEES	101-192-716.000	HOSP & OPTICAL INSURANCE	34.00
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-209-716.000	HOSP & OPTICAL INSURANCE	1,551.00
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-215-716.000	HOSP & OPTICAL INSURANCE	67.53
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-253-716.000	HOSP & OPTICAL INSURANCE	266.91

**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-265-716.000	HOSP & OPTICAL INSURANCE	53.37
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-372-716.000	HOSP & OPTICAL INSURANCE	95.46
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	SEPTMEMBER ADMIN FEES	101-402-716.000	HOSP & OPTICAL INSURANCE	17.00
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	101-757-716.000	HOSP & OPTICAL INSURANCE	474.43
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	SEPTMEMBER ADMIN FEES	101-863-730.000	RETIREE HEALTH INSURANCE	51.00
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	206-336-716.000	HOSP & OPTICAL INSURANCE	820.60
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	SEPTMEMBER ADMIN FEES	206-336-716.002	RETIREE HEALTH CARE PREMIUMS	17.00
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	207-301-716.000	HOSP & OPTICAL INSURANCE	1,118.83
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	08/01/20-08/31/20 CLAIMS FUND	207-301-716.001	RETIREE HOSP & OPTICAL INSURANCE	2,184.24
09/24/2020	GEN	86072	EMPLOYEE HEALTH INSURANCE MANA	SEPTMEMBER ADMIN FEES	249-000-716.000	HOSP & OPTICAL INSURANCE	51.00
09/24/2020	GEN	86073	FIRE SAVVY CONSULTANTS	FIRE ALARM PLAN REVIEW (35) -	249-000-801.000	PROFESSIONAL FEES	700.00
09/24/2020	GEN	86074	GLOBAL OFFICE SOLUTIONS	LABELS, FAN, CHAIR MAT, ELECTOI	101-191-740.000	OPERATING SUPPLIES	48.39
09/24/2020	GEN	86074	GLOBAL OFFICE SOLUTIONS	DIVIDERS, ORGANIZERS CRTDG	101-249-727.000	OFFICE SUPPLIES	467.64
09/24/2020	GEN	86074	GLOBAL OFFICE SOLUTIONS	PD DRAWER TRAY	207-301-727.000	OFFICE SUPPLIES	54.40
09/24/2020	GEN	86075	HART INTERCIVIC	THERMAL PAPER/BALANCE DUE O	101-191-740.000	OPERATING SUPPLIES	60.00
09/24/2020	GEN	86076	HURON CEMETERY MAINTENANCE INC.	OPEN/CLOSE-WEBB, DEBRA	101-276-935.000	CEMETERY-GRAVESITE OPENING/CLOSINGS	850.00
09/24/2020	GEN	86077	HURON VALLEY GUNS	HANIFEN, EMBROIDERY CHARGES	206-336-744.000	UNIFORMS	80.00
09/24/2020	GEN	86078	J&B MEDICAL SUPPLY INC	MEDICAL SUPPLIES	206-336-767.000	MEDICAL SUPPLIES	85.58
09/24/2020	GEN	86079	MACP	IVORY, SEPT 2020 CHIEF'S SCHOOL	207-301-960.000	TRAINING	1,195.00
09/24/2020	GEN	86080	MICHIGAN ASSOC OF PLANNING	PLANNING VIRT CONF WEDNESDA	101-402-864.000	CONFERENCES & MEETINGS	185.00
09/24/2020	GEN	86081	MILLBROOK WATER CO	(10) BOTTLED WATER	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	118.00
09/24/2020	GEN	86081	MILLBROOK WATER CO	PD, BOTTLED WATER	207-301-931.001	BLDG MAINTENANCE & SUPPLIES	41.00
09/24/2020	GEN	86082	R & R FIRE TRUCK REPAIR INC.	2014 PIERCE ARROW CAB LIFT REP	206-336-863.001	VEHICLE MAINTENANCE	187.00
09/24/2020	GEN	86083	RICOH	PD, 10/01/20-10/31/20 SERVICES	207-301-933.000	EQUIP LEASE/ MAINT CONTRACTS	131.79
09/24/2020	GEN	86084	SAFEWAY SHREDDING	GEN TWP, SHREDDING	101-249-727.000	OFFICE SUPPLIES	70.00
09/24/2020	GEN	86084	SAFEWAY SHREDDING	PD, SHREDDING	207-301-727.000	OFFICE SUPPLIES	50.00
09/24/2020	GEN	86085	SAXON INCORPORATED	NOTICE TAGS (250)	206-336-757.000	OPERATING SUPPLIES	117.50
09/24/2020	GEN	86086	SPINAL COLUMN MEDIA GROUP	LEGAL-09/16/20-WHITE LAKE PUB	101-191-903.000	LEGAL NOTICES	74.25
09/24/2020	GEN	86086	SPINAL COLUMN MEDIA GROUP	LEGAL-09/16/20-WHITE LAKE BUD	101-215-903.000	LEGAL NOTICES	115.50
09/24/2020	GEN	86087	STATE OF MICHIGAN #38-6000134	FD, QUALITY ASSURANCE ASSESSM	206-336-757.000	OPERATING SUPPLIES	2.05
09/24/2020	GEN	86088	SUBURBAN FORD	21-2 2019 INTERCEPTOR HEAD LIG	207-301-863.001	VEHICLE MAINTENANCE	18.21
09/24/2020	GEN	86089	UNIFIRST CORPORATION	UNIFORM CHARGES	101-000-080.962	DUE FROM WATER MISCELLANEOUS	36.70
09/24/2020	GEN	86089	UNIFIRST CORPORATION	UNIFORM CHARGES	101-265-931.001	BLDG MAINTENANCE & SUPPLIES	23.64
09/24/2020	GEN	86090	VERIZON WIRELESS	08/02/20-09/01/20 PD MONTHLY	207-301-853.000	TELEPHONE	170.84
09/24/2020	GEN	86091	WESTERN OAKLAND MEALS ON WHEEL	JULY 2019-DECEMBER 2020 MEAL'	101-000-087.274	DUE FROM CDBG	7,500.00
09/24/2020	GEN	86091	WESTERN OAKLAND MEALS ON WHEEL	JULY 2019-DECEMBER 2020 MEAL'	274-000-080.000	DUE FROM COUNTY	7,500.00
09/24/2020	GEN	86091	WESTERN OAKLAND MEALS ON WHEEL	JULY 2019-DECEMBER 2020 MEAL'	274-000-214.101	DUE TO GENERAL FUND	(7,500.00)
09/24/2020	GEN	86091	WESTERN OAKLAND MEALS ON WHEEL	JULY 2019-DECEMBER 2020 MEAL'	274-000-683.000	CDBG REVENUE	(7,500.00)
09/24/2020	GEN	86091	WESTERN OAKLAND MEALS ON WHEEL	JULY 2019-DECEMBER 2020 MEAL'	274-000-801.002	MINOR HOME REPAIR	7,500.00
09/29/2020	GEN	86092	PURCHASE POWER	PRE-PAY FOR SEPT 2020 POSTAGE	101-248-730.000	POSTAGE	10,000.00
<b>GEN Total</b>							<b>1,589,351.18</b>



**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/10/2020	PA-CK	1768	OAKLAND COUNTY	GRASS LAKE BOND INTEREST	245-900-972.011	DEBT SERVICE GRASS LK AUG WELL	218.89
09/17/2020	PA-CK	1769	C & E CONSTRUCTION CO INC	845 ELKINFORD GRINDER STA INST	245-900-972.006	SAD SEWER CONNECTS	8,939.00
09/17/2020	PA-CK	1770	DLZ MICHIGAN, INC.	845 ELKINFORD DESIGN, EASEMEN	245-900-972.006	SAD SEWER CONNECTS	1,150.00
09/17/2020	PA-CK	1771	WHITE LAKE TOWNSHIP	845 ELKINFORD OAK COUNTY SEW	245-900-972.006	SAD SEWER CONNECTS	200.00
09/17/2020	PA-CK	1772	WHITE LAKE TOWNSHIP	845 ELKINFORD GRINDER STA FRO	245-900-972.006	SAD SEWER CONNECTS	3,485.00
09/17/2020	PA-CK	1773	WHITE LAKE TOWNSHIP	845 ELKINFORD ADMIN FEE	245-900-972.006	SAD SEWER CONNECTS	174.25
09/17/2020	PA-CK	1774	WHITE LAKE TOWNSHIP	845 ELKINFORD SEWER CONNECTI	245-900-972.006	SAD SEWER CONNECTS	9,096.00
<b>PA-CK Total</b>							<b>23,263.14</b>
09/04/2020	TAX	6582	STATE OF MICHIGAN	SCHOOL OPERATING TAX FOR CFT	703-000-403.000	CURRENT TAX COLLECTIONS	1,153.66
09/02/2020	TAX	6583	STATE OF MICHIGAN	STATE EDUCATION TAX FOR CFT P	703-000-403.000	CURRENT TAX COLLECTIONS	404.13
09/18/2020	TAX	6584	STATE OF MICHIGAN	SCHOOL OP FOR Y-CF-16-600-015	703-000-403.000	CURRENT TAX COLLECTIONS	6,025.11
09/18/2020	TAX	6585	STATE OF MICHIGAN	SET FOR Y-CF-16-600-015	703-000-403.000	CURRENT TAX COLLECTIONS	2,110.64
09/18/2020	TAX	6586	STATE OF MICHIGAN	SET FOR Y-CR-16-500-015	703-000-403.000	CURRENT TAX COLLECTIONS	12,176.76
09/18/2020	TAX	6587	STATE OF MICHIGAN	SCHOOL OP FOR Y-CR-16-500-015	703-000-403.000	CURRENT TAX COLLECTIONS	34,760.17
09/28/2020	TAX	6588	LEGACY TITLE AGENCY	REFUND 12-31-429-005 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	10.00
09/28/2020	TAX	6589	SOLIDIFI TITLE & CLOSING LLC	REFUND 12-36-201-009 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	271.92
09/28/2020	TAX	6590	FIDELITY NATIONAL TITLE CO, LLC	REFUND 12-08-201-024 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	10.00
09/28/2020	TAX	6591	SILK ABSTRACT COMPANY	REFUND 12-26-105-021 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	386.58
09/28/2020	TAX	6592	STATES TITLE	REFUND 12-07-378-057 OVERPAY	703-000-403.000	CURRENT TAX COLLECTIONS	40.84
09/28/2020	TAX	6593	FIRST TITLE & ESCROW, INC	REFUND 12-25-476-060 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	660.05
09/28/2020	TAX	6596	WELLS FARGO REAL ESTATE TAX SERVIC	REFUND 12-14-227-006 ALREADY I	703-000-403.000	CURRENT TAX COLLECTIONS	5,654.81
09/28/2020	TAX	6597	BRIAN G FAGNANI	REFUND 12-18-351-059 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	60.00
09/28/2020	TAX	6598	CORELOGIC, INC	REFUND 12-23-476-007 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	3,274.74
09/28/2020	TAX	6599	LERETA	REFUND 12-18-400-028 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	9,091.20
09/28/2020	TAX	6600	SUSAN MARIE BROWN	REFUND 12-28-176-008 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	252.57
09/28/2020	TAX	6601	AMROCK, LLC- CHASE SIX	REFUND 12-05-200-021 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	302.33
09/28/2020	TAX	6602	CORELOGIC TAX SERVICES	REFUND MULTIPLE PARCELS-SEE LI	703-000-403.000	CURRENT TAX COLLECTIONS	130,311.92
09/28/2020	TAX	6603	DONARD MANIACI	REFUND 12-14-280-023 OVERPAYI	703-000-403.000	CURRENT TAX COLLECTIONS	161.96
<b>TAX Total</b>							<b>207,119.39</b>
09/01/2020	TNA	14163	44TH DISTRICT COURT	BOND-GARY RICHARD HUTCHINSO	701-000-287.002	DUE TO COURTS	735.00
09/03/2020	TNA	14164	AUTO-OWNERS INSURANCE	10/01/20-10/01/21 - LK NEVA COM	701-000-250.011	LAKE NEVA IMPROVEMENT BOARD	1,820.00
09/03/2020	TNA	14165	BLUE WATER LAKE MANAGEMENT SERI	PONTIAC LAKE, 100 ACRES COMPL	701-000-250.008	PONTIAC LAKE WEED	15,660.00
09/03/2020	TNA	14166	BLUE WATER LAKE MANAGEMENT SERI	PONTIAC LAKE, 100 ACRES COMPL	701-000-250.008	PONTIAC LAKE WEED	15,660.00
09/03/2020	TNA	14167	DLZ MICHIGAN, INC.	SZOTT JEEP AS BUILT REVIEW	701-000-286.367	SZOTT BUILDING EXPANSION 13-016	224.00
09/03/2020	TNA	14167	DLZ MICHIGAN, INC.	WORTHINGTON CROSSING	701-000-286.379	WORTHINGTON CROSSING 15-008/REDWOC	385.50
09/03/2020	TNA	14167	DLZ MICHIGAN, INC.	MOJAVE CANTINA	701-000-286.405	MOJAVE CANTINA	708.50
09/03/2020	TNA	14167	DLZ MICHIGAN, INC.	NEW HOPE WHITE LAKE	701-000-286.442	NEW HOPE WHITE LAKE	6,050.00
09/03/2020	TNA	14168	MORTIER CUSTOM HOMES	RETURN LANDSCAPING BOND	701-000-283.001	DEPOSITS - CASH BONDS	300.00
09/03/2020	TNA	14169	OAKLAND COUNTY	CEDAR ISLAND-MARINE WITH BOA	701-000-285.010	DUE TO OTHERS	291.44
09/03/2020	TNA	14170	OAKLAND COUNTY WATER RESOURCE	AUGUST OAK COUNTY SEWER PER	701-000-287.005	DUE TO OAKLAND CO SEWER PERMIT	800.00
09/03/2020	TNA	14171	SPINAL COLUMN MEDIA GROUP	08/12/20-LEGAL MANDON LAKE S.	701-000-250.013	MANDON LAKE	313.50

**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/03/2020	TNA	14172	SPINAL COLUMN MEDIA GROUP	08/12/20-LEGAL SUNSET/TAYLOR	701-000-250.004	SUNSET ROAD	247.50
09/03/2020	TNA	14173	TAYLOR'S PRIDE LAWN CARE	8/5/20 ROUND LK LAWN SERVICE	701-000-250.006	ROUND LAKE IMPROVEMENT BOARD	65.00
09/03/2020	TNA	14174	WHITE LAKE TOWNSHIP	TRANSER TO GENERAL FUND/CALI	701-000-286.444	CALIBER CAR WASH	1,150.00
09/10/2020	TNA	14175	51ST DISTRICT COURT	BOND-GLENN RYAN HENDERSTEIN	701-000-287.002	DUE TO COURTS	100.00
09/10/2020	TNA	14176	AQUA -WEED CONTROL INC.	ROUND LK TREATMENT #4	701-000-250.006	ROUND LAKE IMPROVEMENT BOARD	900.00
09/10/2020	TNA	14177	JETT PUMP & VALVE LLC	(5) PUMPS, (10) FLEX HOSES	701-000-214.003	GRINDER PUMPS INVENTORY	20,195.00
09/10/2020	TNA	14178	OAKLAND COUNTY TREASURER	AUGUST TRAILER TAXES	701-000-287.003	DUE TO OAKLAND CO TR TAX	4,242.50
09/10/2020	TNA	14179	WHITE LAKE TOWNSHIP TREASURER	AUGUST TRAILER TAXES	701-000-285.013	DUE TO G/F TRAILER PARK FEES	848.50
09/10/2020	TNA	14180	WHITE LAKE TOWNSHIP	TRANSFER MONIES FROM T&A TO	701-000-214.101	DUE TO GENERAL FUND ADMIN FEES	33,660.32
09/10/2020	TNA	14180	WHITE LAKE TOWNSHIP	TRANSFER MONIES FROM T&A TO	701-000-285.006	DUE TO GENERAL FUND	31,701.14
09/10/2020	TNA	14181	WHITE LAKE TOWNSHIP	TRANSFER FUNDS FROM T&A TO F	701-000-214.005	DUE TO FIRE FUND	738.30
09/14/2020	TNA	14182	39TH DISTRICT COURT	BOND-TALAT BOTROS SHAMO	701-000-287.002	DUE TO COURTS	500.00
09/17/2020	TNA	14183	DLZ MICHIGAN, INC.	1142 CLEARWATER GRINDER INSPI	701-000-284.006	GRINDER PUMP INSTALLS	330.00
09/17/2020	TNA	14183	DLZ MICHIGAN, INC.	CLEARWATER SANITARY SEWER EX	701-000-286.414	CLEARWATER SANITARY SEWER EXTENSION	3,532.50
09/17/2020	TNA	14184	SPINAL COLUMN MEDIA GROUP	07/15/20 SUNSET/TAYLOR SAD LEI	701-000-250.004	SUNSET ROAD	214.50
09/17/2020	TNA	14184	SPINAL COLUMN MEDIA GROUP	LAKE MANDON SAD LEGAL NOTICE	701-000-250.013	MANDON LAKE	198.00
09/21/2020	TNA	14185	LAKE ONA HOME OWNERS ASSOCIATIC	REIMBURSE ASSOC FOR 2019 SAD	701-000-250.010	LAKE ONA IMPROVEMENT	20,657.27
09/24/2020	TNA	14186	SPINAL COLUMN MEDIA GROUP	STOPKE BAY LEGAL PUBLICATION	701-000-250.009	STOPKE BAY	1,035.00
09/24/2020	TNA	14187	AUTO-OWNERS INSURANCE	LAKE NEVA AUGMENTATION WELL	701-000-250.011	LAKE NEVA IMPROVEMENT BOARD	1,820.00
09/24/2020	TNA	14188	DTE ENERGY	08/13/20-09/11/20-LAKE ONA	701-000-250.001	LAKE ONA AERATION	1,280.77
09/24/2020	TNA	14189	DTE ENERGY	08/14/20-09/14/20 ROUND LAKE	701-000-250.006	ROUND LAKE IMPROVEMENT BOARD	893.10
09/24/2020	TNA	14190	DTE ENERGY	08/13/20-09/11/20 GRASS LAKE	701-000-250.005	GRASS LAKE SAD	13.99
09/24/2020	TNA	14191	DTE ENERGY	08/13/20-09/11/20 LAKE NEVA	701-000-250.011	LAKE NEVA IMPROVEMENT BOARD	724.43
09/24/2020	TNA	14192	DTE ENERGY	MANDON LAKE AUG WELL	701-000-250.013	MANDON LAKE	36.13
09/24/2020	TNA	14193	MCKENNA ASSOCIATES	NEW HOPE PDA REVIEW #1 AND #	701-000-286.442	NEW HOPE WHITE LAKE	339.50
09/24/2020	TNA	14194	RESTORATIVE LAKE SCIENCES	4TH QTR SERVICES FOR COOLEY LA	701-000-250.014	COOLEY LAKE WEED CONTROL	1,250.00
09/24/2020	TNA	14195	SPINAL COLUMN MEDIA GROUP	GRASS LAKE IMP-LEGAL PUB 06/17	701-000-250.005	GRASS LAKE SAD	1,208.50
09/24/2020	TNA	14196	WHITE LAKE TOWNSHIP	REMIT PLANNING DEPT FEES TO G	701-000-286.445	MACK INDUSTRIES	300.00
09/30/2020	TNA	14197	34TH DISTRICT COURT	BOND-ASHIKA LENISE ILOEGBU	701-000-287.002	DUE TO COURTS	700.00
09/30/2020	TNA	14198	41-A DISTRICT COURT	BOND-ASHIKA LENISE ILOEGBU	701-000-287.002	DUE TO COURTS	230.00
09/30/2020	TNA	14199	SAGINAW COUNTY COURTHOUSE	BOND-ASHIKA LENISE ILOEGBU	701-000-287.002	DUE TO COURTS	292.00
<b>TNA Total</b>							<b>172,351.89</b>
09/03/2020	WAT	7170	CONSUMERS ENERGY	9164 STEEPHOLLOW 07/16/20-08,	591-000-921.001	ELECTRICITY TL	19.38
09/03/2020	WAT	7171	ELHORN ENGINEERING CO	BULK EL-CHLOR	591-000-745.000	SYSTEM CHEMICALS	916.00
09/03/2020	WAT	7172	STATE OF MICHIGAN	WATER TESTING 07/23/20-07/27/	591-000-748.000	TESTING WATER SYSTEMS	174.00
09/10/2020	WAT	7173	AQUATEST	BACTERIA TESTS	591-000-748.000	TESTING WATER SYSTEMS	336.00
09/10/2020	WAT	7174	CONSUMERS ENERGY	07/25/20-08/24/20 VILLAGE ACRE	591-000-923.005	GAS VILLAGE ACRES-SATELITE RD	38.80
09/10/2020	WAT	7175	CUTTING EDGE OUTDOOR SERVICES IN	AUGUST MOWING	591-000-931.001	GROUND MAINTENANCE	2,159.00
09/10/2020	WAT	7176	ELHORN ENGINEERING CO	SYSTEM CHEMICALS	591-000-745.000	SYSTEM CHEMICALS	1,908.00
09/10/2020	WAT	7177	FERGUSON ENTERPRISES	(40) 1 T10 MTR ECDR CR, (10) R90	591-000-750.000	OPERATING SUPPLIES METERS	8,471.70
09/10/2020	WAT	7177	FERGUSON ENTERPRISES	CONTROL FILTER, MOUNT PLATE	591-000-934.000	REPAIR & MAINT WATER SYSTEM	1,511.00

**WHITE LAKE TWP.  
SEPTEMBER 2020 CHECK DISBURSEMENTS**

Check Date	Bank	Check #	Payee	Description	GL #	Account Name	Amount
09/10/2020	WAT	7178	GLOBAL EQUIPMENT COMPANY INC	OFFICE PARTITIONS	591-000-727.000	OFFICE SUPPLIES	796.91
09/10/2020	WAT	7179	HYDROCORP	CROSS CONNECTION CONTROL PR	591-000-818.000	CONTRACTED SERVICES	155.00
09/10/2020	WAT	7180	PARAGON LABORATORIES INC	ASPEN MEADOWS IRON FILTRATIC	591-000-748.000	TESTING WATER SYSTEMS	670.00
09/10/2020	WAT	7181	WHITE LAKE TOWNSHIP	REIMBURSE AUGUST SERVICES	591-000-214.101	DUE TO GENERAL FUND	57,971.47
09/17/2020	WAT	7182	DLZ MICHIGAN, INC.	HILLVIEW WELL HOUSE UPGRADES	591-000-160.000	CONST IN PROGRESS	1,185.00
09/17/2020	WAT	7182	DLZ MICHIGAN, INC.	ASPEN MEADOWS IRON FILTRATIC	591-000-802.000	ENG & ARCH FEES	1,787.50
09/17/2020	WAT	7183	ESRI LEARNING CENTER	ARCGIS MAINTENANCE	591-000-818.000	CONTRACTED SERVICES	2,750.00
09/17/2020	WAT	7184	GEORGE STEWART PHOTOGRAP	WELLHEAD PROTECTION PROGRAI	591-000-962.000	MISCELLANEOUS	6,119.00
09/17/2020	WAT	7185	GLOBAL EQUIPMENT COMPANY INC	OFFICE PARTITION PANEL	591-000-931.000	REPAIR & MAINT BLDG & EQUIP	852.09
09/17/2020	WAT	7186	GLOBAL OFFICE SOLUTIONS	HANGING FOLDERS	591-000-727.000	OFFICE SUPPLIES	95.86
09/17/2020	WAT	7187	HESCO GROUP INC.	ASPEN MEADOWS PILOT STUDY	591-000-931.000	REPAIR & MAINT BLDG & EQUIP	6,000.00
09/17/2020	WAT	7188	CISLO TITLE COMPANY	REIMUBRSE DUPLICATE PMT	591-000-642.000	WATER	44.00
09/17/2020	WAT	7189	U.S. BANK EQUIPMENT FINANCE	WATER COPIER LEASE PAYMENT (#	591-000-991.001	PRINCIPAL COPIER LEASE	116.68
09/17/2020	WAT	7189	U.S. BANK EQUIPMENT FINANCE	WATER COPIER LEASE PAYMENT (#	591-000-995.002	INTEREST COPIER LEASE	31.32
09/24/2020	WAT	7190	AQUATEST	BACTERIA TESTING	591-000-748.000	TESTING WATER SYSTEMS	196.00
09/24/2020	WAT	7191	DTE ENERGY	360 WOODSEdge 08/11/20-09/11/20	591-000-921.000	ELECTRICITY TOWER	69.13
09/24/2020	WAT	7191	DTE ENERGY	9164 STEEPHOLLOW 08/11/20-09/11/20	591-000-921.001	ELECTRICITY TL	368.66
09/24/2020	WAT	7191	DTE ENERGY	8208 FOX BAY 08/11/20-09/10/20	591-000-921.002	ELECTRICITY HILLVIEW	759.52
09/24/2020	WAT	7191	DTE ENERGY	8935 SATELITE 08/11/20-09/10/20	591-000-921.004	ELECTRICITY VILLAGE ACRES	6,116.06
09/24/2020	WAT	7191	DTE ENERGY	603 OXHILL 08/13/20-09/11/20	591-000-921.005	ELECTRICITY SUBURBAN KNOLLS	13.99
09/24/2020	WAT	7191	DTE ENERGY	145 HURONDALE 08/11/20-09/10/20	591-000-921.008	ELECTRICITY-HURONDALE	178.20
09/24/2020	WAT	7192	ELHORN ENGINEERING CO	EL-CHLOR/CARUS	591-000-745.000	SYSTEM CHEMICALS	6,217.50
09/24/2020	WAT	7193	GLOBAL EQUIPMENT COMPANY INC	OFFICE PARTITION PANEL	591-000-931.000	REPAIR & MAINT BLDG & EQUIP	153.40
09/24/2020	WAT	7194	PREMIER SAFETY	INSPECT WINCH AND TRIPOD	591-000-744.000	SAFETY GEAR AND CLOTHING	175.00
09/24/2020	WAT	7195	ROSATI, SCHULTZ, JOPPICH	WATER DEPT SERVICES THRU 08/31/20	591-000-826.000	ATTORNEY FEES	1,366.60
<b>WAT Total</b>							<b>109,722.77</b>
<b>Grand Total</b>							<b>2,105,119.96</b>

# White Lake Township Civil Service Commission

John Kulhavi, President ~ Alan Gocha, Member ~ Ronald Stephens, Member

White Lake Township  
7525 Highland Road  
White Lake, MI 48383

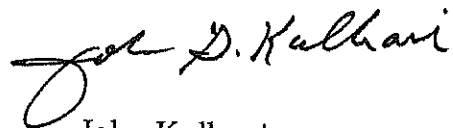
September 30, 2020

Telephone (248) 698-3300 Ext. 7

## RE: Re-appointment, Ronald Stephens

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This letter is to inform you that Commissioner Alan Gocha and I have re-appointed Commissioner Ronald Stephens to the White Lake Civil Service Commission for an additional six (6) year term. His commission will expire on December 31, 2026. This is done in compliance with Public Act 78 of 1935, Section 38.502.



John Kulhavi  
President  
Civil Service Commission  
White Lake Township

cc: Treasurer  
Clerk  
Police Chief  
Fire Chief  
MAP  
Command Assoc.  
Fire Union

# WHITE LAKE TOWNSHIP POLICE DEPARTMENT

## September 2020

DETECTIVE BUREAU SUMMARY						
	Sep-20	Sep-19	% CHG.	YTD 20	YTD 19	% CHG
ARRESTS	0	2	-100.0%	1	3	-66.7%
WARRANTS ISSUED	21	40	-47.5%	182	287	-36.6%
JUVENILE PETITIONS	4	0	>100%	19	31	-38.7%
COURT CASES	2	30	-93.3%	71	197	-64.0%
PRISONERS ASSIGNED	2	21	-90.5%	64	151	-57.6%
CASES ASSIGNED	36	72	-50.0%	342	455	-24.8%
CASES CLOSED BY ARREST	41	59	-30.5%	372	646	-42.4%
CASES CLOSED OTHER	25	33	-24.2%	246	226	8.8%
UNIFORM DIVISION SUMMARY						
	Sep-20	Sep-19	% CHG.	YTD 20	YTD 19	% CHG
ARRESTS	59	85	-30.6%	516	832	-38.0%
TRAFFIC WARNINGS	241	331	-27.2%	1,827	2,856	-36.0%
TICKETS ISSUED	319	372	-14.2%	2,442	3,230	-24.4%
ACCIDENT - PROPERTY DAMAGE	28	30	-6.7%	213	308	-30.8%
ACCIDENT - PERSONAL INJURY	9	10	-10.0%	47	79	-40.5%
ACCIDENT - FATAL	0	1	-100.0%	2	2	0.0%
ACCIDENT - PRIVATE PROPERTY	10	16	-37.5%	66	117	-43.6%
CALLS FOR SERVICE	1,846	2,171	-15.0%	17,036	20,527	-17.0%
DISPATCH RUNS	724	1,008	-28.2%	5,915	9,089	-34.9%



Daniel T. Keller, Chief of Police

# Monthly Summary of Offenses

All Offenses that were Attempted or Completed

CLASS	Description	Sep-20	Sep-19	YTD 2020	YTD 2019	YTD % CHG	ADULT		JUV	
							Sep-20	YTD	Sep-20	YTD
100	Murder / Manslaughter	0	0	1	0	100.0%	0	0	0	0
200	Forcible Sexual Offenses	0	1	0	12	-100.0%	0	1	0	0
300	Robbery	0	0	1	0	100.0%	0	2	0	0
400	Assault Offenses	8	12	75	84	-10.7%	3	45	0	2
500	Burglary / Home Invasion	0	3	5	9	-44.4%	0	0	0	0
600	Larceny Violations	5	8	47	80	-41.3%	0	4	0	0
700	Motor Vehicle Theft	3	1	8	5	60.0%	2	3	0	0
800	Arson	0	0	3	1	>100%	0	2	0	0
900	Kidnapping / Abduction	0	0	1	0	100.0%	0	0	0	0
<b>GROUP A TOTALS</b>		<b>16</b>	<b>25</b>	<b>141</b>	<b>191</b>	<b>-26.2%</b>	<b>5</b>	<b>57</b>	<b>0</b>	<b>2</b>



## WHITE LAKE TOWNSHIP FIRE DEPARTMENT

### Incident Summary for September 2020

<b>Fire Incidents</b>	<b>Sep 2020</b>	<b>YTD 2020</b>	<b>YTD 2019</b>
Structure Fire (any fire in a structure)	05	25	18
Outside Structures	00	00	00
Vehicle	01	05	04
Brush	00	03	03
Refuse	01	02	00
Other	02	05	08
<b>Total Fire Incidents</b>	<b>09</b>	<b>40</b>	<b>33</b>

<b>Non-Fire Incidents</b>	<b>Sep 2020</b>	<b>YTD 2020</b>	<b>YTD 2019</b>
Overpressure/Excessive Heat	00	00	06
Medical/Rescue	167	1,360	1,366
Hazardous Condition*	07	65	106
Public Service	17	206	268
Good Intent**	20	162	159
False Alarms	13	62	71
System Malfunction	01	08	02
Weather Emergencies	00	00	00
Other Non-Fires	00	14	31
<b>Total Non-Fire Incidents</b>	<b>225</b>	<b>1,877</b>	<b>2,009</b>

\* – Includes hazardous spills or leaks; arcing wires; hazmat emergencies; etc., (potential for injury is possible)

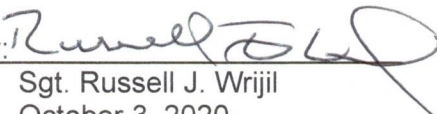
\*\* – Includes smoke scares; steam mistaken for smoke; controlled burns; etc.

<b>Category</b>	<b>Sep 2020</b>	<b>YTD 2020</b>	<b>YTD 2019</b>
<b>Total Fire Incidents</b>	<b>09</b>	<b>40</b>	<b>33</b>
<b>Total Non-Fire Incidents</b>	<b>225</b>	<b>1,877</b>	<b>2,009</b>
<b>Total Alarms</b>	<b>234</b>	<b>1,917</b>	<b>2,042</b>

<b>Mutual Aid</b>	<b>Sep 2020</b>	<b>YTD 2020</b>	<b>YTD 2019</b>
Given	01	07	02
Received	01	10	08

#### **Summary of Fire Value Saved/Loss:**

<b>Situation</b>	<b>\$ Value</b>	<b>\$ Loss</b>	<b>\$ Saved</b>
Building Fire	180,000	000	180,000
Mobile Property Fire	000	000	000
Other Fire	000	000	000
<b>Totals (September 2020)</b>	<b>180,000</b>	<b>000</b>	<b>180,000</b>
<b>Totals (September 2019)</b>	<b>000</b>	<b>000</b>	<b>000</b>

Submitted By:   
 Sgt. Russell J. Wrijil  
 October 3, 2020

Rik Kowall, Supervisor  
Terry Lilley, Clerk  
Mike Roman, Treasurer



Trustees  
Scott Ruggles  
Michael Powell  
Andrea C. Voorheis  
Liz Fessler Smith

## WHITE LAKE TOWNSHIP

7525 Highland Road • White Lake, Michigan 48383-2900 • (248) 698-3300 • [www.whitelaketwp.com](http://www.whitelaketwp.com)

### *Community Development Department Report*

*October 2020*

Dear Township Board Members,

During the month of September, the department wrapped up the annual update of the Township's CIP (Capital Improvements Plan). The 2021-2026 CIP was approved on September 15<sup>th</sup>. It is now posted, in final form, on the Township's website. The tree trimming and removal in Stanley Park should be complete in the coming days. We held a joint meeting of the Township Board and the CCDC (Civic Center Development Committee) again last month. The project RFQ (Request for Qualifications) was approved at that time and distribution is underway.

We continue to work on several active projects that are in various states of approval. The Lakepointe and West Valley projects are still preparing their final site plans. The New Hope White Lake assisted living project, received Final Site Plan and Planned Development Agreement approval. Their site work is now underway. The Eagles Landing single-family residential project (west side of Bogie Lake Road, adjacent to Lakeland High School) has submitted their Final Site Plan for review. The Caliber Capital car wash project (parcel on the south side of M-59 and west of Fisk Road) has been withdrawn. Mack Industries has submitted a request to add an accessory structure to their site on White Lake Road. This building will be used in their manufacturing process and will be located approximately 550' from White Lake Road. Finally, several easements and agreements are under review for various projects.

As for approved projects, Cedar Meadows continues with construction on their site and should be nearly complete with all construction by the end of 2020. Worthington Crossing is now complete. Building and site construction continues to move forward at the 4-Town Square (4 Corners) project. Centerpointe Plaza continues to make progress on both their building and site. The Preserve at Hidden Lake project is underway with construction and homes are going up rapidly. The Trailside Meadow project is still moving ahead with site construction and has model homes going up as well.

Please find included in this monthly report, the parks and recreation update and the permit and inspection activity report for building. If you have any questions or require any additional information from the Community Development Department, please contact us.

Respectfully,

A handwritten signature in black ink, appearing to read "Sean O'Neil".

Sean O'Neil



Rik Kowall, Supervisor  
Terry Lilley, Clerk  
Mike Roman, Treasurer



Trustees  
Scott Ruggles  
Michael Powell  
Andrea C. Voorheis  
Liz Fessler Smith

## WHITE LAKE TOWNSHIP

7525 Highland Road • White Lake, Michigan 48383-2900 • (248) 698-3300 • [www.whitelaketwp.com](http://www.whitelaketwp.com)

### ***Parks and Recreation October 2020***

Dear Township Board,

Since the Board authorized staff to engage Beckett & Raeder to assist in preparing a master plan for Stanley Park, we have been actively working on the project. A kick-off meeting was held with Beckett & Raeder via Zoom on September 23<sup>rd</sup>. On October 7<sup>th</sup> Trustees Powell and Smith joined the Parks and Recreation Committee on a site visit at Stanley Park. The group walked the property in preparation for the Stanley Park public visioning session on October 14<sup>th</sup>.

The visioning session was advertised on the Township website, as well as the Township, Police, Library, and Parks & Recreation Facebook pages. Flyers were posted around Township Hall, and all persons who elect to receive emails regarding Township meeting schedules were notified. An ad also ran in the Spinal Column. The event was held at the Hawley Park Pavilion, which recently received aesthetic improvements. The pavilion was power-washed, and a sealant was applied to the wood. The metal posts were painted as well.

In November Beckett & Raeder will provide concept alternatives for Stanley Park. The project is on schedule and we look forward to keeping you apprised of our progress along the way.

If you have any questions please contact me.

Sincerely,

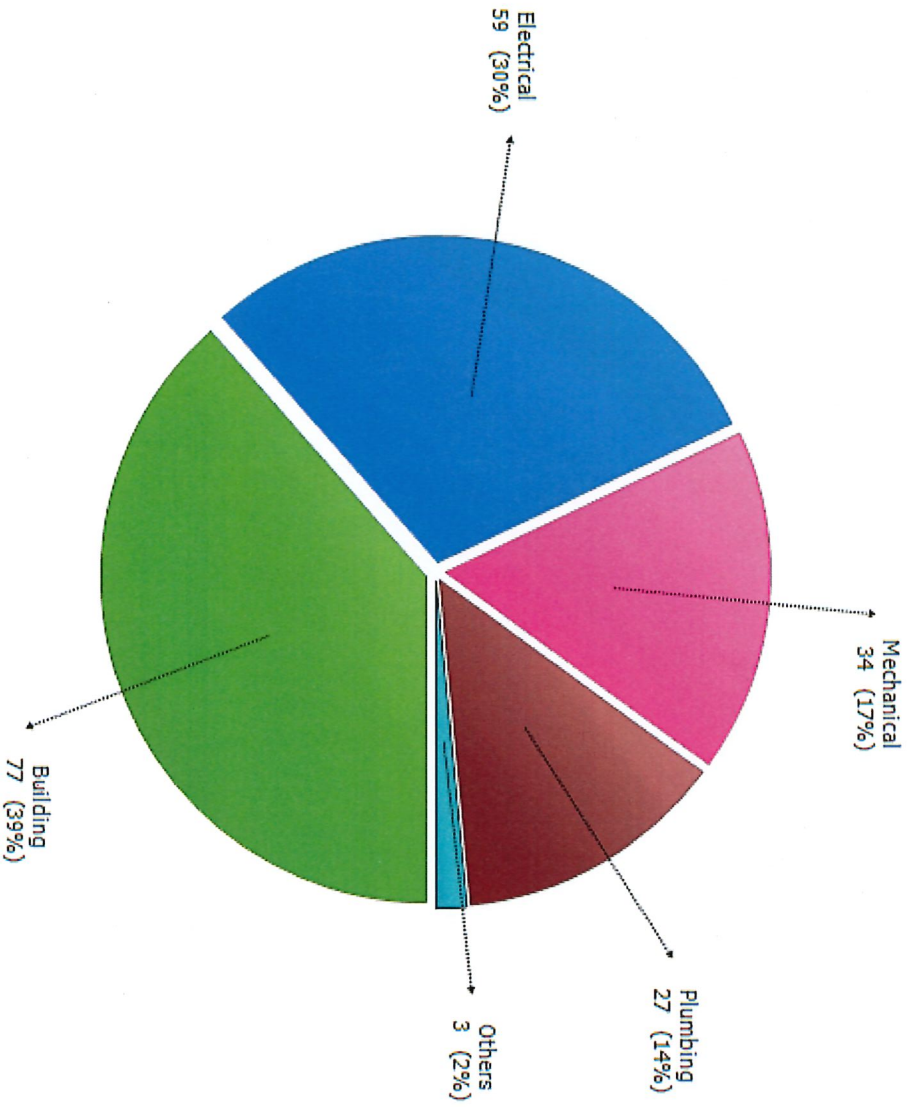
A handwritten signature in blue ink that reads "Justin Quagliata". The signature is fluid and cursive.

Justin Quagliata  
Staff Planner

### Breakdown of Permits by Permit Type

Current Chart Filter: All Records, Permit.Status = ISSUED AND Permit.DateIssued Between 9/1/2020 12:00:00 AM AND 9/30/2020 11:59:59 PM

### Permits by Permit Type



**WHITE LAKE TOWNSHIP TREASURER'S REPORT  
GENERAL FUND  
ENDING SEPTEMBER 30, 2020**

**BALANCE AS OF AUGUST 31, 2020**

25,601,551.19

White Lake Library	52,002.55	
White Lake Water	57,971.47	
Building:		
Building Licenses	280.00	
Building Permits	38,011.00	
Electrical Licenses	180.00	
Electrical Permits	10,745.00	
Fire Safety Reviews	0.00	
Mechanical Licenses	105.00	
Mechanical Permits	20,375.00	
Miscellaneous Revenue	1,050.00	
Plumbing Licenses	7.00	
Plumbing Permits	3,757.00	
Admin. Fees	174.25	
CARES Act	523,340.00	
CDBG	2,836.00	
Cemetery Lots	1,000.00	
Delinquent Property Tax	2,839.59	
Duplicating & Photostat	11.00	
Gravesite Openings/ Closings	2,000.00	
Miscellaneous	1,983.88	
Monument Foundations/ Brick Pavers	371.00	
Other Sundry	25.00	
Ordinance Fines	100.00	
NSF Fee	100.00	
Passport Processing Fees	455.00	
Planning Commission Fees	950.00	
Planning Department Reviews	500.00	
Platting & Lot Splits	220.00	
Rent- Ormond Tower	1,147.68	
Special Meeting Fees	200.00	
Summer Tax Collection	15,066.35	
Trailer Park Tax	848.50	
Zoning Application Fee	2,420.00	
<b>CASH RECEIPTS - Subtotal</b>	<u>741,072.27</u>	
Fire Cash Receipts	241,956.00	
Police Cash Receipts	99,286.56	
Due From Other Funds	452,060.64	
Void Checks	400.82	
September Interest	15,975.54	
<b>TOTAL RECEIPTS</b>	<u>1,550,751.83</u>	<u>1,550,751.83</u>
Cash Disbursements		27,152,303.02
Balance as of Septmber 30, 2020		<u>(2,474,826.60)</u>
		<u>24,677,476.42</u>

**RECONCILIATION OF CASH ON HAND**

Checking	225,617.82	
Investment	24,451,858.60	
Balance as of September 30, 2020	<u>24,677,476.42</u>	

WHITE LAKE TOWNSHIP TREASURER'S REPORT  
OTHER FUNDS  
September 30, 2020

CONSTRUCTION	Checking	100.00
DRUG FORFEITURE	Savings	119,889.43
	Interest	4.84
EMPLOYEE FLEXIBLE SPENDING	Checking	17,716.95
IMPROVEMENT	Savings	1,052,117.13
REVOLVING FUND	Interest	228.75
	OC Pool	1,527,711.77
	Interest	975.07
LIBRARY DEBT	Savings	12,849.01
	Interest	2.77
PARKS & RECREATION	Savings	387,921.94
	Interest	16.68
	OC Pool	317,161.69
	Interest	202.43
PONTIAC LAKE SEWERS	Savings	62,270.16
	Interest	2.52
	OC Pool	377,765.71
	Interest	241.11
PUBLIC ACT 188	Checking	67,065.47
	Savings	166,220.03
	Interest	8.46
SA SEWER DEBT	Sewer Debt- Savings	40,037.07
	Interest	1.60
SEWER DEBT	Savings - Phase 1&2 (3155)	295,883.40
	Interest	8.04
SEWER MAINTENANCE	General Savings (3148)	1,173,737.35
	Interest	49.99
SPECIAL ASSESSMENTS	Savings	555,938.43
	Interest	28.17
T & A ESCROW	Checking	98,237.25
	Savings	415,579.42
	Interest	18.32
	OC Pool	921,890.65
	Interest	588.41
WATER	Operating Checking-HVSB	198,796.88
	Operating MM-HVSB	1,459,627.43
	Interest	599.85
	Water Capital OC Pool	2,120,209.77
	Interest	1,353.23
	Water Capital-Flagstar	35,464.35
	Interest	7.65
	Water Capital-HVSB	128,196.72
	Interest	21.08
		11,556,746.98
CURRENT TAX	Checking	265,369.33
		11,822,116.31

Respectfully submitted,

Mike Roman

White Lake Township  
 Quarterly Cash and Investment Report  
 As of September 30, 2020

Account	Financial Institution	9/30/2020	FDIC/Insured	General fund *	Other funds**	Current Yield		Account purpose
Construction - Checking	Chase Bank	100	0		100	0.00%	Construction account	
Dug Forfeiture - Savings	Chase Bank	119,894	0		119,894	0.05%	Police use only	
Flexible Spending - Checking	Chase Bank	17,717	0		17,717	0.00%	Flexible spending payroll clearing	
General fund - Checking	Chase Bank	225,618	0	225,618	0	0.00%	General fund use	
General fund - Savings	Chase Bank	831,731	0	831,731	0	0.05%	General fund use	
Parks & Rec. - Savings	Chase Bank	387,939	0		387,939	0.05%	Parks & Recreation use	
Pontiac Lake Sewer - Savings	Chase Bank	62,273	0		62,273	0.05%	Debt service Pontiac Lake sewer bonds	
Public Act 188 - Checking	Chase Bank	67,065	0		67,065	0.00%	Special Assessment funded by WLT	
Public Act 188 - Savings	Chase Bank	166,228	0		166,228	0.05%	Special Assessment funded by WLT	
Special Assess. Sewer Debt - Savings	Chase Bank	40,039	0		40,039	0.05%	SAD -contract 7 & 8, Castlewood & Nordic Dr.	
Sewer Phase 1 & 2 - Savings	Chase Bank	295,891	0		295,891	0.05%	Debt service for Phase 1 & 2 sewer bonds	
Sewer Maintenance - Savings	Chase Bank	1,173,787	250,000		1,173,787	0.05%	Sewer maintenance	
Special Assessment Rubbish - Savings	Chase Bank	555,967	0		555,967	0.05%	To pay for trash pick up	
Trust & Agency - Checking	Chase Bank	98,237	0		98,237	0.00%	Trust and agency use	
Trust & Agency - Savings	Chase Bank	415,598	0		415,598	0.05%	Trust and agency use	
<b>Chase Bank - Totals</b>		<b>4,458,084</b>	<b>250,000</b>	<b>1,057,349</b>	<b>3,400,735</b>			
Current Tax - Savings **	Flagstar Bank	265,369	0		265,369	0.15%	Tax bill receipts - April settlement	
General Fund - CDARS (13 - 26 week maturity)	Flagstar Bank	10,903,333	10,903,333	10,903,333	0	0.10%	General fund use	
Improvement Revolving - Savings	Flagstar Bank	1,052,346	250,000		1,052,346	0.40%	Improvement Revolving use	
Library Bond fund **	Flagstar Bank	12,852	0		12,852	0.40%	To service Bond Debt for new Library	
Water Capital - Savings NOW A/C	Flagstar Bank	35,472	0		35,472	0.40%	Water Capital use	
<b>Flagstar Bank - Totals</b>		<b>12,269,372</b>	<b>11,153,333</b>	<b>10,903,333</b>	<b>1,366,039</b>			
Water Capital - Savings	H.V.S.B.	128,218	0		128,218	0.20%	Debt Service Water Capital & other use	
Water Operating - Checking	H.V.S.B.	198,797	0		198,797	0.00%	For Water operating	
Water Operating - Money Market Savings	H.V.S.B.	1,460,227	250,000		1,460,227	0.40%	For Water operating	
<b>Huron Valley State Bank - Totals</b>		<b>1,787,242</b>	<b>250,000</b>	<b>0</b>	<b>1,787,242</b>			
General fund - O.C. Pool	O.C. Pool	12,716,795	0	12,716,795	0	0.79%	General fund use	
Parks & Rec. - O.C. Pool	O.C. Pool	317,364	0		317,364	0.79%	Parks & Recreation use	
Pontiac Lake Sewer - O.C. Pool	O.C. Pool	378,007	0		378,007	0.79%	Debt service Pontiac Lake sewer bonds	
Improvement Revolving - O.C. Pool	O.C. Pool	1,528,687	0		1,528,687	0.79%	To pay for trash pick up	
Trust & Agency - O.C. Pool	O.C. Pool	922,479	0		922,479	0.79%	Trust and agency use	
Water Capital - O.C. Pool	O.C. Pool	2,121,563	0		2,121,563	0.79%	Water Capital use	
<b>Total Oakland County Municipal Pool</b>		<b>17,984,895</b>	<b>0</b>	<b>12,716,795</b>	<b>5,268,100</b>			
<b>Totals</b>		<b>36,499,593</b>	<b>11,653,333</b>	<b>24,677,477</b>	<b>11,822,116</b>			

**White Lake Township**  
**Quarterly Cash and Investment Report**  
**As of September 30, 2020**

**Benchmarks**

	4 week	13 week	26 week	52 week
US Treasury Bills - Coupon yield @ 10-1-2020	0.09%	0.09%	0.10%	0.12%
Jumbo CD's - national average per FDIC @ 10-05-2020	0.05%	0.08%	0.13%	0.19%

**White Lake Township**

**Cash and Investment Balances**

**As of September 30, 2020**

	Total	FDIC Insured	General fund *	Other funds **
Total Insured CDARS	10,903,333	10,903,333	10,903,333	0
Total O.C. Pool	17,984,895	0	12,716,795	5,268,100
Total Insured Savings	750,000	750,000	0	750,000
Total Uninsured Checking & Savings	6,861,365	0	1,057,349	5,804,016
Totals by type of investment	36,499,593	11,653,333	24,677,477	11,822,116

\* General Fund amounts include Police, Fire and Building Dept.

\*\* Other funds include Current Tax and Library Bond funds.

**CHARTER TOWNSHIP OF WHITE LAKE**  
**Unapproved Minutes of the Special Board of Trustees Meeting**  
**September 15, 2020**

Supervisor Kowall called the meeting to order at 6:15 p.m. He then led the Pledge of Allegiance.

Clerk Lilley called the roll:

Present:           Rik Kowall, Supervisor  
                  Terry Lilley, Clerk  
                  Mike Roman, Treasurer  
                  Andrea C. Voorheis, Trustee  
                  Liz Smith, Trustee  
                  Michael Powell, Trustee  
                  Scott Ruggles, Trustee

Also Present:     Brandon Fournier, Labor Attorney  
                  Fire Chief Rich Marinucci  
                  Cathy Derocher, Deputy Clerk / H.R. Manager

**APPROVAL OF AGENDA**

**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Powell to approve the Agenda as stated and recess into closed session to consider attorney client privileged communication in accordance with MCL 15.268 (h) and to consider Attorney/Client Privileged Communication regarding collective bargaining in accordance with MCL 15.268. The MOTION PASSED by roll call vote (7 yes).**

**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Powell to return to open session. The MOTION PASSED by roll call vote (7 yes).**

**It was MOVED by Treasurer Roman; SUPPORTED by Trustee Smith to adjourn. The MOTION PASSED by voice vote (7 yes).**

Special Meeting was adjourned at 6:59 P.M.

I, Terry Lilley, the duly elected and qualified Clerk of the Charter Township of White Lake, County of Oakland, State of Michigan, hereby certify that the foregoing is a true copy of the September 15, 2020 special board meeting minutes.

---

Terry Lilley, MMC; MiPMC  
White Lake Township  
Oakland County, Michigan

**CHARTER TOWNSHIP OF WHITE LAKE**  
**Unapproved Minutes of the Regular Board of Trustees Meeting**  
**September 15, 2020**

Supervisor Kowall called the meeting to order at 7:04 p.m. The meeting was held via Zoom video conferencing. He then led the Pledge of Allegiance.

Clerk Lilley called the roll:

Present:       Rik Kowall, Supervisor  
                  Terry Lilley, Clerk  
                  Mike Roman, Treasurer  
                  Michael Powell, Trustee  
                  Andrea C. Voorheis, Trustee  
                  Liz Smith, Trustee  
                  Scott Ruggles, Trustee

Also Present:  Lisa Hamameh, Attorney  
                  Sean O'Neil, Planning Director  
                  Jennifer Edens, Recording Secretary

**AGENDA**

Supervisor Kowall amended the Agenda as follows:

- Add Item F – Human Resource Position
- Add Item G – Fat, Oil, Grease (FOG) Agreement
- Add Item H – Proposed Tanker Sale

**It was MOVED by Supervisor Kowall, SUPPORTED by Trustee Voorheis to approve the Agenda, as amended. The motion PASSED by roll call vote (Kowall/yes, Lilley/yes, Roman/yes, Ruggles/yes, Voorheis/yes, Smith/yes, Powell/yes).**

**PUBLIC COMMENT**

No Public Comment.

**CONSENT AGENDA**

**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Ruggles to approve the Consent Agenda. The motion PASSED by roll call vote (Smith/yes, Voorheis/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes Kowall/yes).**

**MINUTES**



**A. APPROVAL OF MINTUES – REGULAR BAORD MEETING, AUGUST 18, 2020**

**B. APPROVAL OF MINUTES – SPECIAL BOARD MEETING, AUGUST 25, 2020**

Trustee Powell corrected from the Minutes of August 18, 2020, Page 7, last line – first word should be So, not S.

**It was MOVED by Treasurer Roman, SUPPORTED by Trustee Powell to approve both sets of Minutes as amended by Trustee Powell. The motion PASSED by roll call vote (Voorheis/yes, Smith/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes, Kowall/yes).**

**PROCLAMATIONS**

**A. NATIONAL RECOVERY MONTH – SEPTEMBER 2020**

Supervisor Kowall read the Proclamation into the record and declared September 2020, as National Recovery Month.

It was reminded that the White Lake Police Department has programs or are part of programs and they can be contacted if you know someone or are someone in need of help.

**B. NATIONAL SUICIDE PREVENTION MONTH – SEPTEMBER 2020**

Supervisor Kowall read the Proclamation into the record and declared, September 2020, as National Suicide Prevention Month.

1-800-273-TALK

**C. U.S. CONSTITUTION WEEK – SEPTEMBER 17-23, 2020**

Supervisor Kowall read the Proclamation into the record and declared the week of September 17 – 23, 2020 as Constitution Week.

**PUBLIC HEARING**

**A. HEARING TO CONFIRM THE ROLL FOR THE EMERGENCY SEWER CONNECTION 2020-01  
SPEICAL ASSESSMENT DISTRICT**

**It was MOVED by Supervisor Kowall, SUPPORTED by Treasurer Roman to Open the Public Hearing to Confirm the Roll for the Emergency Sewer Connection 2020-01 Special Assessment District. The motion PASSED by roll call vote (Ruggles/yes, Powell/yes, Smith/yes, Voorheis/yes, Roman/yes, Lilley/yes, Kowall/yes).**

No public comment made.

**It was MOVED by Supervisor Kowall, SUPPORTED by Treasurer Roman to Close the Public Hearing to Confirm the Roll for the Emergency Sewer Connection 2020-01 Special Assessment District. The motion PASSED by roll call vote (Kowall/yes, Lilley/yes, Roman/yes, Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes).**

## **RESOLUTION**

### **A. RESOLUTION #20-032; TO CONFIRM SPECIAL ASSESSMENT ROLL FOR THE SPECIAL ASSESSMENT DISTRICT DESIGNATED EMERGENCY SEWER CONNECTIONS 2020-01**

**It was MOVED by Trustee Powell, SUPPORTED by Treasurer Roman to approve Resolution #20-32; to Confirm the Special Assessment Roll for the Special Assessment District Designated Emergency Sewer Connections 2020-01. The motion PASSED by roll call vote (Lilley/yes, Roman/yes, Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Kowall/yes).**

### **B. RESOLUTION #20-031; TO APPROVE CAPITAL IMPROVEMENT PLAN – 2021-2026**

Sean O'Neil noted that the Planning Commission held a public hearing on September 3, 2020, at which time they unanimously approved the 2021-2026 Capital Improvement Plan (CIP).

The 2021-2026 White Lake Township Capital Improvement Plan (CIP) will serve as a tool to assist White Lake Township in turning long-range policy planning into real improvements on the ground. A six-year capital improvement plan and an annual update of that plan is now a requirement for White Lake Township under the Michigan Planning Enabling Act of 2008. The following report identifies the major capital improvements needed and/or planned for the community, the timeframe for implementation of those improvements, and the budget and revenue sources that will make those improvements a reality. Capital improvements cover multiple departments within White Lake Township, and include new Township facilities, water and sewer extensions, fire protection vehicles and equipment, police equipment, parks and recreation facilities, non-motorized pathways, and professional services.

He further noted that the threshold is \$50,000. He thanked Justin Quagliata for his hard work in this matter and all the department heads for their help.

Trustee Powell thanked the planning staff for their hard work and for the savings to the Township.

**It was MOVED by Trustee Powell, SUPPORTED by Trustee Ruggles to approve Resolution #20-031; Capital Improvement Plan 2021-2026. The motion PASSED by roll call vote (Roman/yes, Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Lilley/yes, Kowall/yes).**

## **NEW BUSINESS**

### **A. REQUEST TO APPROVE FIRE DEPARTMENT RECLASSIFICATION**

Trustee Powell confirmed that this is a union position. He further noted that it would be tough for a union member to participate in union negotiations with the Chief.

Supervisor Kowall indicated there is no doubt in his mind that most of the fire department is in support of the Township. He believes Mr. Holland will have the best interest of the Township.

Cathy Derocher stated that this position would be observing the process of the negotiations, not necessarily sitting at the table.

**It was MOVED by Supervisor Kowall, SUPPORTED by Treasurer Roman and Trustee Smith to approve the Fire Department Reclassification as described tonight referring from the position shift from Fire Marshall to Deputy Chief. The motion PASSED by roll call vote (Smith/yes, Voorheis/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes, Kowall/yes).**

### **B. STANLEY PARK MASTER PLAN CONSULTANT SELECTION**

Sean O'Neil indicated that the RFQ was advertised for four weeks and five firms submitted proposals. Of the five firms, four were interviewed. He referred to Justin Quagliata to further discuss.

Justin Quagliata indicated the Parks Committee has been very active this summer to prepare for and get to this point. He too indicated the RFQ was advertised for four weeks. The Parks Committee reviewed the five responses and selected four to interview. On September 1<sup>st</sup>, the Committee held a special meeting to vote on their preferred consultant. The four interviewed were Johnson Hill, McKenna, Giffels Webster, and Beckett & Raeder. Of them, the Parks Committee was unanimous for Beckett & Raeder for their robust scope of services, public engagement, design concept, and they will provide up to three design alternatives.

After the Master Plan portion of the project, the consultant will assist staff in preparing a grant application for development funds for the park. Beckett & Raeder is more than qualified. The planning staff negotiated a \$1,500 reduction in the grant application fees with a total project costs of \$23,000. They were not the lowest or highest bidder, but they were the most qualified to do this project successfully.

He continued that Beckett & Raeder did the Bloomer Park design and grant administration, as well as the Hidden Pines Park Master Plan. He indicated there is money in the Parks and Recreation Fund to pay for this. They are recommending that the Board act tonight so that they can move forward with the Master Plan, which will put them in line to meet the April 1, 2021 state grant application deadline.

Trustee Voorheis thanked Justin and Sean for getting this done timely. She confirmed that they were unanimous in choosing Beckett & Raeder. She noted that each firm was asked if they had come out to the park and Beckett & Raeder had, they showed enthusiasm and that they were the best decision for White Lake Township.

Trustee Ruggles agrees with the recommendation from Parks and Recreation and he supports Beckett & Raeder.

Trustee Smith is appreciative of the work that Parks and Recreation did and the time they have committed. She questioned what happens to the process if they chose not to go with this consultant at this moment. To which Justin and Sean indicated that the April 1<sup>st</sup> grant deadline would be missed.

Trustee Smith indicated she is extremely interested in public involvement and idea sharing. She is not looking for a minimalist park on this property. She wants a unique park that will draw people to White Lake and a user-friendly recreation area. She wants to make sure that it is different and unique. She does not believe that the references given are unique enough for what she is looking for. She wants to move it forward and catch the April 1<sup>st</sup> deadline, but questions how much say the public and this Board will have. She furthered that there is an incredible opportunity to design the park from scratch and for it to be like nothing ever seen before around here. She wants to take full advantage of that and has concerns that the Township will end up with something less than what the residents deserve. They deserve to have a unique recreation area.

Sean O'Neil replied that if the Board moves forward tonight, there will be a kick-off meeting next week with Beckett & Raeder where the timeline will be gone over. He thinks the only way to do this right is to get the maximum involvement from the public, which includes the Board and Parks and Recreation Committee. He noted that they want all residents to have an opportunity to provide input and that it is a top priority for the Parks Committee as well. He indicated that has been made clear to Beckett & Raeder. He highlighted that they are willing to design three different alternatives which gives a lot of opportunity to try different things while moving forward. He declared that nobody knows how this will end up, but we must make it perfect. We only get one shot to do it.

He added that this is a larger project than Bloomer Park, but the feedback on Bloomer Park and the reputation and track record of Beckett & Raeder is good.

Treasurer Roman thanked Trustee Voorheis for her comments and noted that he does not want to hire a consultant that does not have enthusiasm. He respectfully disagrees with Trustee Smith and hopes that the park will be more of an open space, relaxing and rural with a lot of nature and walkability. He agrees that is why public opinion is necessary to build what the public wants.

Trustee Powell agrees with both Treasurer Roman and Trustee Smith. He reminds Treasurer Roman that there is a tremendous amount of parkland in White Lake Township. He supports that this would be nice if

people traveled specifically to visit this park. Professionally speaking he knows that all the consultants are first rate consultants and he knows that Beckett & Raeder are known nationwide for their creativity and excitement in parks and he is very pleased with the choice.

Supervisor Kowall thinks it is the natural progression from the first SEMCOG meeting. The dominoes fell from there and the Township is lucky that the grant was able to get put together so quickly. He declared let's make history, agreeing with Trustee Smith that this needs to be special. He furthered that he has reached out to a couple of Board members he would like on two on the committee.

Treasurer Roman questioned with the shortage of funds being seen in the state because of COVID if there is a feel of availability of the grant money.

Mr. O'Neil indicated he has not heard of scaling back as the funds come from gas and oil funds. Supervisor Kowall interjected that the revenue stream is plentiful.

**It was MOVED by Trustee Powell, SUPPORTED by Trustee Voorheis moves to authorize the Township Supervisor to engage Beckett & Raeder to complete Master Planning and grant preparation services for Stanley Park with a cost not to exceed \$23,000.00 to be paid from the Professional Services Line Item in the Parks and Recreation Fund which contains \$35,000.00 in the 2020 Budget. The motion PASSED by roll call vote (Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

### **C. REQUEST TO WAIVE APPLICATION FEE; WATERFORD CHAMBER OF COMMERCE**

A letter was received asking to waive the \$25 Application Fee for a non-profit event held on September 11, 2020.

Trustee Ruggles questioned that they are asking to waive a fee for an event that already took place. It was confirmed by Clerk Lilley that the fee was not received prior to the event and Trustee Ruggles questioned how they obtained a permit without paying the fee. He furthered asked if this is done for White Lake Township businesses typically.

Supervisor Kowall noted that it would have to go in front of the Board.

Clerk Lilley noted that he has left recommendations for this Board to consider at a later date regarding the current ordinance requirements.

Attorney Hamameh interjected that we charge fees for our costs. The Township Board should consider reevaluating those fees/costs rather than handle it the way it has been done in the past.

**It was MOVED by Treasurer Roman, SUPPORTED by Trustee Voorheis, to waive the \$25.00 Application Fee for the Waterford Chamber of Commerce for their fundraiser. The motion PASSED by roll call vote (Smith/yes, Voorheis/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes, Kowall/yes).**

#### **D. LIQUOR LICENSE APPLICATION; MYDINI ENTERPRISES 1, LLC**

Clerk Lilley noted this is an application for the old Ripples Restaurant on M-59. There are several things that the applicant needs to do before they will receive a final certificate of occupancy. They are making a huge investment and trying to meet the needs of the Township, knowing that their investment is protected is reasonable at this point. He recommends approval of the liquor license subject to certificate occupancy and fees due being paid in full.

Trustee Powell indicated that the Township is designing a downtown area and believes that a liquor license will be critical to that and questioned how many licenses are left in the Township.

Supervisor Kowall believes there are 4 or 5 left and believes with the Census that number could go up.

Attorney Hamameh noted that the Liquor Control Commission will not even consider their application unless or until the Township Board approves the Resolution on the MLCC form without any conditions and she notes the form is not part of the Resolution. She also noted there are four licenses available and this would now make it three.

**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Powell, to approve the Liquor License Application Mydini Enterprises 1, LLC to include the standard MLCC form. The motion PASSED by roll call vote (Powell/yes, Ruggles/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

#### **E. REQUEST TO APPROVE HURON CEMETERY MAINTENANCE CONTRACT FOR SEXTON SERVICES 2021-2023**

Clerk Lilley noted the service provided and responses to request is excellent. He noted there is a small increase, but they are not far off. He cannot say enough for what they do. It is his recommendation that the contract be renewed.

Trustee Voorheis questioned how long they have to clean up their mess. She reminded of a grave that was damaged in the White Lake Cemetery that she and another Board member cleaned up after the Township was ridiculed on social media. She indicated that the evidence pointed to the Sexton Company causing the damage. To which Supervisor Kowall noted that it was discovered the damage was caused by GFL.

Clerk Lilley noted that going around the mulberry bush for complaints doesn't work. If he would have been notified, he would have had it taken care of.

Trustee Ruggles reminded that he brought this up last year with the fee raises with this company. He does not like the idea of constantly raising fees for the residents. He suggests that perhaps it needs to be examined and that the Township receive other bids. He believes it is an inevitable conversation that will need to be had at some point in time.

Trustee Smith does not believe this is an area we should be burdening the residents with and it should be discussed in the future.

**It was MOVED by Trustee Powell, SUPPORTED by Clerk Lilley, to approve the new contract for the Sexton Services with Huron Cemetery Maintenance as presented. The motion PASSED by roll call vote (Voorheis/yes, Smith/yes, Ruggles/yes, Powell/yes, Roman/yes, Lilley/yes, Kowall/yes).**

#### **F. HUMAN RESOURCE POSITION**

Supervisor Kowall reminded the Board that the Township is growing, and staffing is changing. He opined that we are a victim of our own success and that the Township needs to be able to take care of its employees. With the internal change it is a position that needs to be created so that it can be filled.

Clerk Lilley commented that Mrs. Derocher is a loyal professional and detailed individual and he is happy that the Board has recognized what she has done for the Township and be able to retain those services that will be sorely needed in the future as we continue to expand.

**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Smith to approve the job description and wages for the Human Resources Manager position. The motion PASSED by roll call vote (Lilley/yes, Smith/yes, Voorheis/yes, Powell/yes, Ruggles/yes, Roman/yes with comment, Kowall/yes).**

Treasurer Roman commented that he would like to see the salaries for the Township Deputy Treasurer and Deputy Clerk positions to be increased to top out at the same level as the Human Resource position. These Deputy positions have the same reasonability and workload as this HR position or any other position within the Township.

#### **G. FATS, OIL, GREASE (FOG) AGREEMENT**

Trustee Powell stated that FOG is an issue throughout the Township, which has spent hundreds of thousands of dollars to deal with FOG that gets accumulated in the sanitary sewers within the Township. Every community that owns sanitary sewers has a FOG ordinance to try and prevent the accumulation of grease into the sanitary sewer systems. It was first started with a monitoring manhole that was placed outside each structure that was going to be creating food preparation. It helped DPS track where the grease was coming from. It did not help as it left the local community with the costs of removing the FOG.

The Oakland County Health Department established an ordinance that required a large tank, typically 1,000 gallons, where the water and grease flows into the tank, solidifies and then relatively clean water leaves that tank and enters the sanitary sewer. That is not being requested to change in this instance.

What is being asked tonight is a modification of the sanitary sewer ordinance in White Lake Township to recognize the fact that all businesses that generate food have the same need for a very large tank. It also recognizes that we have several strip malls that have the need of maintaining a tenant and the cost of putting a 1,000-gallon tank is unwarranted. Before the Board tonight is a change, allowing the head of DPS and the Township Engineer to decide that a particular use does not have to comply with the 1,000-gallon tank by the existing structure.

He noted there is tweaking that needs to happen as this modification does not address existing structures. It is a catch all for shops that will be added after the fact. He has concerns with terminology issues within the modification. He is in full favor of this type of modification to specifically state that it is to only existing facilities, and that it is not for full-service restaurants. He believes it should not only say for restaurants that do not have a great deal of grilling, but it should really deal with washing of dishes and it does not. He is recommending that he, Supervisor Kowall, and Aaron Potter make some modifications before it is finally added to the ordinance.

Supervisor Kowall stated that this agreement was developed for a specific location. However, upon looking at it the intention could be applied throughout the Township to existing locations.

Attorney Hamameh indicated she was approached to draft this contract for one instance. She did the best she could working with Mike Lueffgen, Aaron Potter, and the input from the County. She noted that Mr. Powell made statements about ordinance modifications, which this is not. The Ordinance authorizes the Engineer and DPS Director on a case by case basis to evaluate when this should or should not be permitted. She believes as it relates to Mr. Potter and Mr. Lueffgen that the intent was just for this instance and to amend the ordinance to include specific factors that they will consider going forward as to whether or not they should allow the indoor stand-alone tank.

Trustee Powell indicated that there are no specific requirements in it and in his opinion, it is not ready to be modified.

Attorney Hamameh differs that it does require compliance with county standards and all the Township's ordinances.

Trustee Smith understands that this is for one specific building and there are no parameters specified in the ordinances. She asked attorney Hamameh if there are parameters in the county ordinances.

Mrs. Hamameh indicated that Aaron Potter and Mike Lueffgen assured her that in Paragraph One of the Agreement they are required to install, maintain, and repair and place in accordance with all state, county



and Township codes rules and regulations, including engineer design standards. The Township also requires in Paragraph Two, that they perform all maintenance, repair and replacement with the sewer ordinance including the wastewater disposal standard and regulation referenced in the sewer code. She understood this covered everything.

Trustee Smith asked if the parameters could be placed now or have it tabled until next month's meeting.

Supervisor Kowall noted the language allows the Township to make sure there is adherence to those and allows the Township to inspections, Sec. 38-515 of the Sewer Code. He feels comfortable using the language in this Agreement but wants to make sure there is something potentially in the Ordinance that has teeth. The business did not feel they needed to have that capacity and did not want to tear up a site and lose a tenant. Within the Ordinance it allows lateral movement to the DPS director and Engineer. The thought was to go along with the Ordinance as it is written but if maintenance issues come up that the onus for clean-up falls on them and not the Township.

Mrs. Hamameh read into the record #7 of the Agreement and identified that the Board is not all in receipt of the correct Agreement version.

Further discussion ensued amongst the Board regarding the different versions in hand.

Mrs. Hamameh suggested that the Mechanical Plan must be included and approved by the Township and the issue regarding remedies you either take them to court for compliance or withdraw the certificate of occupancy. There is a catch all remedy that indicates nothing in here prohibits the Township from exercising any other ordinance or law for enforcement. There was discussion about the Township exercising an administrative search warrant. The way it is written the Township can complete the repairs and bill the owner for the cost of the repairs and any cleanup to any sewer. If they do not pay, it goes on their tax bill.

Trustee Powell does not want to do a favor for this company. If there is a reason to do it for one, the ability should be available to do for anyone.

Attorney Hamameh believes in equal enforcement. The ordinance does allow it, but when it was drafted it did not include specific factors that the DPS Director and Engineer should consider and without them you are begging unequal enforcement. She believes what was considered was the limited anticipated use of the grill and fryer. They have put as much protection in as possible.

Treasurer Roman questioned if any other community has an agreement like this, to which Mrs. Hamameh indicated no one does. He also suggests that the restaurant owner be given an opportunity to review the agreement before it is voted on.

Trustee Smith noted that she thinks they are all on the same page, but it needs some work.

It was **MOVED** by Trustee Smith, **SUPPORTED** by Treasurer Roman to table this to the September 23, 2020 meeting. The motion **PASSED** by roll call vote (Smith/yes, Voorheis/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes, Kowall/yes).

#### **H. REQUEST OF SALE OF TWO TANKERS - FIRE DEPARTMENT**

Chief Marinucci indicated the asking price on the two vehicles is: Tanker III, \$135,000.00 less the finders fee for the advertisement; Tanker II, \$75,000.00.

Supervisor Kowall confirmed that with the sale of these two tankers it creates nearly \$200,000 towards a new one.

It was **MOVED** by Treasurer Roman, **SUPPORTED** by Trustee Smith to approve the sale of the two tankers, one for \$135,000.00 and the other for \$75,000.00. The motion **PASSED** by roll call vote (Ruggles/yes, Powell/no, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).

#### **OLD BUSINESS**

##### **A. SECOND READING; AMENDMENT TO SEWER ORDINANCE – CHAPTER 38, ARTICLE IV, SEC. 38-418**

It was **MOVED** by Trustee Powell, **SUPPORTED** by Trustee Ruggles, to approve the Amendment to Sewer Ordinance, Chapter 38, Article IV, Sec. 38-418. The motion **PASSED** by roll call vote (Lilley/yes, Roman/yes, Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Kowall/yes).

#### **FYI – REVISED LOGO, CGI RENEW CONTRACT, AND PHOTO CONTEST FOR WEBSITE TRUSTEE COMMENTS**

Supervisor Kowall noted that the logo did not change a lot. This version is doable on areas where we do not have a conflicting background. They are both essentially the same, but one does not have a blue line.

Supervisor Kowall informed that the CGI Agreement that the Township did last year regarding the video would like to come back and add an updated video with a two-year agreement to keep it fresh.

Supervisor Kowall noted that the Township would like to hold a photo contest for the new website, which will include prizes. It will get people to invest in their website.

#### **TRUSTEE COMMENTS**

Trustee Voorheis – Reminded everyone that the No-Haz event in the Kohl's parking lot is set for September 26<sup>th</sup> from 9am to 1pm. There is a list of qualifying items on the White Lake Township Facebook page. She also reminded that the Historical Society is hosting a sold-out comedy club this Saturday, September 19<sup>th</sup>. She wished everyone safety and health.

Trustee Smith – The library has resumed their regular hours: Monday – Thursday 8am to 10pm, Friday and Saturday 8am to 5pm. It is also library card sign-up month and she reminded of the Michigan Activity Pass where you can use your library card as a free recreational pass. She commended the fire department for shining a light on suicide prevention month. She indicated there is no stigma in needing help with mental health. She encouraged residents to reach out. She showed a shirt from the fire department that can be ordered for \$10 for suicide prevention month. She further shared that first responders can call 1-206-495-3020. She highlighted that there are other programs such as Share the Load and National Help Line. Additionally, she thanked the first responders as September 11 was honored this past week. She wished the students and parents successful start to the school year. She reminded that no questions asked, free lunch is available to all school age children. Lastly, she reminded her colleagues to wear pink in October for breast cancer awareness month and Pitbull month.

Trustee Ruggles – The Planning Commission met last Tuesday to discuss the Four-Corners development. The vote was 4 to 3 to allow what they already constructed. The meeting for September 17<sup>th</sup> has been cancelled and the next meeting will be held on October 3<sup>rd</sup>.

The Great Pumpkin Hunt has been cancelled at Indian Springs Metro Park due to the virus, the number in attendance, and the lack of fundraising this year by the Optimist Club. He usually supplies the pumpkins and has offered to donate the pumpkins in hopes of them having the event. He has also offered to host the event on his property. He thinks it can be safely done so that another event is not taken from the kids.

Trustee Powell – The Zoning Board of Appeals was held last Thursday where a request to build a 16' high structure off White Lake was denied. They also denied the ability of a property owner to put a second story on home that was too close to the property line as it deviated from the ordinance. He noted there are six items requesting modifications of the ordinance on the agenda for the next meeting. He thanked the Board for the joint meeting with the CCDC group as it went well, and he is looking forward to the September 29<sup>th</sup> meeting.

Treasurer Roman – Thanked all the residents that paid their summer tax bills that were due September 14<sup>th</sup>. There was a record number of electronic payments made. They collected 93% that was billed out which is an all-time best. He thanked his staff for a terrific job done. He thanked Kathy Gordinear and Carol Kehoe for manning the Township Office door. They are doing a great job with COVID protocols. He noted that they had 300 visitors per day at his desk just last week. He advised there will be in-house training in early October for taking credit cards at the counter.

Clerk Lilley – Indicated that ballot testing will be done on September 24<sup>th</sup> and public accuracy test at 4:30 p.m. He furthered that they will have four Absentee Voter Counting Boards this election instead of the normal two. They are busy in the office with the applications and ballots that will be going out shortly. He noted that the Senate passed a Bill today that may allow the opening of ballots the day before the election. He closed by thanking his staff for a terrific job done.

Supervisor Kowall – Indicated there will be a preliminary budget meeting to allow for review and then it will be addressed at the October meeting. He shared that White Lake Township was voted 19<sup>th</sup> on a list of the best Cities for top fitness. He indicated that we are moving into the 21<sup>st</sup> Century with online payments and he appreciates Mr. Roman for embracing it, especially with the times we are in now with COVID. The website is coming along and the group working on it is making good strides. The launch date will be provided by Patricia Pergament. He gave a shout out to Kathy Gordinear and Carol Kehoe regarding the Senior Advisory Counsel meeting on Monday. He appreciates them keeping the Township in compliance with the Executive Order. He reminded of the No-Haz on September 26<sup>th</sup> from 9am to 1pm. More information is available on the website but reminded that no latex paint will be accepted. He appreciates everyone's input regarding FOG. He also appreciated Station One displaying the 9/11 memorabilia above the door and for shining a light on it. He wished everyone a good night and God bless.

## **ADJOURNMENT**

**It was MOVED by Supervisor Kowall, SUPPORTED by Trustee Smith to adjourn. The MOTION PASSED by roll call vote (Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

The meeting was adjourned at 9:18 p.m.

I, Terry Lilley, the duly elected and qualified Clerk of the Charter Township of White Lake, County of Oakland, State of Michigan, hereby certify that the foregoing is a true copy of the September 15, 2020 regular board meeting minutes.

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Terry Lilley, MMC; MiPMC  
White Lake Township  
Oakland County, Michigan

**CHARTER TOWNSHIP OF WHITE LAKE**  
**Unapproved Minutes of the Special Board of Trustees Meeting**  
**September 23, 2020**

Supervisor Kowall called the meeting to order at 5:30 p.m. The meeting was held via Zoom video conferencing. He then led the Pledge of Allegiance.

Clerk Lilley called the roll:

Present:       Rik Kowall, Supervisor  
                  Terry Lilley, Clerk  
                  Mike Roman, Treasurer  
                  Michael Powell, Trustee  
                  Andrea C. Voorheis, Trustee  
                  Liz Smith, Trustee

Absent:         Scott Ruggles, Trustee

Also Present:  Aaron Potter, DPS  
                  Jennifer Edens, Recording Secretary

**AGENDA**

**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Powell to approve the Agenda. The motion PASSED by roll call vote (Voorheis/yes, Smith/yes, Powell/yes, Roman/yes, Lilley/yes, Kowall/yes).**

**PUBLIC COMMENT**

No public comment.

**2021 BUDGET DISCUSSION**

Supervisor Kowall indicated that the Township is a million and some change under last year. He furthered that there will always be modifications and change and that he expects to see modifications in the budget for any expansion done to the community through the civic center project.

Clerk Lilley noted that the budget does not currently reflect the human resource position. To which Supervisor Kowall noted that they are still working on that and how it will be absorbed by the Township and various departments. Clerk Lilley furthered that he met with Mr. Noble regarding the transition and that he provided him a copy of the Clerk's budget, which he believes is sufficient to get him started in his new role.

Trustee Smith encouraged the Board to pick-up a copy of the budget from Clerk Lilley and noted that he did a nice job on it and she appreciates his attention to detail.

Supervisor Kowall and Trustee Voorheis also appreciate Mr. Lilley's attention to detail.

Treasurer Roman questioned on Page 6 regarding the annex costs and asked if the Township will assume all of that or if water and fire would contribute. To which Supervisor Kowall noted that they will look at a formula based on occupancy. Treasurer Roman furthered on Page 12 regarding interest, that he is lucky to get .1% now as interest rates have crashed. He wondered if Elaine decided to go with last year's rates or if it was just missed.

Trustee Powell wonders why the fund balance is proposed substantially higher this year from last. He questioned if the Township did not have the staffing it thought it would. To which Supervisor Kowall indicated that some of it is staffing and general operations as there was not a lot of overtime with COVID. He furthered that COVID has affected a lot of the numbers overall.

Trustee Powell questioned what the proposal of \$35,000 for equipment acquisitions is for. To which Supervisor Kowall indicated computers, laptops, training, and technologies that are needed. He further reminded that the overall budget is lower than both 2019 and 2020's budgets.

Treasurer Roman reminded that Chief Marinucci is talking about buying a new tanker. He furthered that nothing was put in for fire. Supervisor Kowall stated that the fire budget is not done yet.

Clerk Lilley indicated that typically the fire money comes out of the .04 milage.

## **PUBLIC HEARING**

### **A. BUDGET**

**It was MOVED by Supervisor Kowall, SUPPORTED by Trustee Smith to open the public hearing regarding the Budget. The motion PASSED by roll call vote (Smith/yes, Voorheis/yes, Powell/yes, Lilley/yes, Roman/yes, Kowall/yes).**

No public comment.

**It was MOVED by Supervisor Kowall, SUPPORTED by Trustee Smith to close the public hearing. The motion PASSED by roll call vote (Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Kowall/yes, Lilley/yes).**

### **B. TRUTH IN TAXATION**

Supervisor Kowall read the Resolution into the record.

**It was MOVED by Supervisor Kowall, SUPPORTED by Trustee Smith to open the public hearing regrading Truth in Taxation. The motion PASSED by roll call vote (Smith/yes, Powell/yes, Voorheis/yes, Lilley/yes, Kowall/yes, Roman/yes).**

**It was MOVED by Supervisor Kowall, SUPPORTED by Trustee Smith to close the public hearing. The motion PASSED by roll call vote (Voorheis/yes, Powell/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

**RESOLUTION #20-033; TRUTH IN TAXATION**

**It was MOVED by Trustee Powell, SUPPORTED by Trustee Voorheis to approve Resolution #20-033 as provided. The motion PASSED by roll call vote (Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

Supervisor Kowall shared that he received a news flash that the Governor has cancelled Halloween.

**4 CORNERS SQUARE, LLC – FOG AGREEMENT**

Supervisor Kowall appreciates the Board's input and clarified that this is not an ordinance amendment, but rather a maintenance agreement for a specific location. It puts the onus on the property owner to maintain that specific location in lieu of a large grease container.

Aaron Potter indicated that he is happy with the Agreement. He believes the wishes of the Board have been incorporated. He noted that he and attorney Hamameh went through it together and asks that it be approved as part of the Building Plan. He furthered that the revocation of the certificate of occupancy has been added as a possible remedy.

Supervisor Kowall indicated that he is very satisfied with what has been drafted and believes it gives the Township the proverbial teeth previously discussed.

Clerk Lilley is not in favor of grease into the sewer system. However, the ordinance does cover the opportunity for our DPS Director to make alternative solutions to the problem rather than exterior tank for grease collection.

Trustee Powell clarified that in Paragraph B, that the five-unit spaces are in the existing strip center. To which Mr. Potter confirmed. Trustee Powell questioned the \$10 amount indicated in Paragraph I and on Page 2, as it would not cover anybody's cost.

Mr. Potter indicated that it is a legal issue and it is commonly the amount in an agreement of this type. He has previously spoke with Mrs. Hamameh regarding this, as that amount appears in the easements. It is something that shows good faith.

Trustee Powell furthered that Paragraph II, does not add "and manufacturers requirements". He wants to make sure that Mr. Potter is good with no matter what unit goes in it will be maintained pursuant to Sewer Code that adopts whatever the manufacturer requirements are.

Aaron Potter indicated that they were on the fence as to whether this use was for a sub shop. This Agreement crosses that line and makes him more comfortable as it specifies a 50-gallon zurn GT2700



Grease Interceptor, which is good quality. He furthered that the Wastewater Standards specify very clearly what the requirements are. He also offered that this Agreement is one of several that they have with DPS before any certificate of occupancy can be issued. One of which is the payment of their capital charges associated with this new use. He expects this developer to get that paid in full without a fight.

Trustee Smith indicated she tried to do her homework on this sub shop coming into this location. She could not find one in Michigan, which is why we had to start from scratch and that there is not any parameters or boundaries in place.

Treasurer Roman suggested that in an effort that this agreement not have to come back to the Board again, he strongly advises to allow the Supervisor to make minor changes to it with the agreement of Mr. Potter and Mrs. Hamameh.

**It was MOVED by Trustee Powell, SUPPORTED by Trustee Voorheis to approve the Grease Control Device Maintenance Agreement between 4 Corners, LLC, a Michigan Limited Liability Company and White Lake Township as submitted, subject to the ability of the Supervisor with advise from DPS Director, Township Engineer, and Township Attorney, to make minor changes as necessary. The motion PASSED by roll call vote (Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

Treasurer Roman shared the news that the Township received \$523,000.00 from the State of Michigan for public safety payroll for April and May. He furthered that the Township was awarded \$61,000.00 for hazard pay for public safety employees.

## **ADJOURNMENT**

**It was MOVED by Supervisor Kowall, SUPPORTED by Treasurer Roman to adjourn. The motion PASSED by roll call vote (Smith/yes, Voorhies/yes, Powell/yes, Roman/yes, Lilley/yes, Kowall/yes).**

The meeting was adjourned at 6:07 p.m.

I, Terry Lilley, the duly elected and qualified Clerk of the Charter Township of White Lake, County of Oakland, State of Michigan, hereby certify that the foregoing is a true copy of the September 23, 2020 special board meeting minutes.

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Terry Lilley, MMC; MiPMC  
White Lake Township  
Oakland County, Michigan

**CHARTER TOWNSHIP OF WHITE LAKE**  
**Unapproved Minutes of the Special Joint Board of Trustees Meeting**  
**with Civic Center Development Committee**  
**September 29, 2020**

Supervisor Kowall called the meeting to order at 6:00 p.m. The meeting was held via Zoom video conferencing. He then led the Pledge of Allegiance.

Clerk Lilley called the roll:

Present:       Rik Kowall, Supervisor  
                  Terry Lilley, Clerk  
                  Mike Roman, Treasurer  
                  Michael Powell, Trustee  
                  Andrea C. Voorheis, Trustee  
                  Liz Smith, Trustee  
                  Scott Ruggles, Trustee

Also Present:   Sean O'Neil, Planning Director  
                  Jennifer Edens, Recording Secretary

**AGENDA**

**It was MOVED by Trustee Voorheis, SUPPORTED by Trustee Smith to approve the Agenda. The motion PASSED by roll call vote (Voorheis/yes, Smith/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes, Kowall/yes).**

**PUBLIC COMMENT**

Linda (undiscernible). She is present tonight on behalf of Senator Jim Runestad. They are excited to see what the Township has to present tonight. She is looking forward to the future in White Lake Township.

**FINALIZE CIVIC CENTER RFQ**

Sean O'Neil indicated that the RFQ that was spoken about last time has been tweaked and is back before everyone for finalization to move to the next phase. He noted that Howard Kohn will present a slide show presentation and that the RFQ can be gone through as well.

Howard Kohn presented a slide show presentation of the White Lake Civic Center Development RFQ and Process as it is presented. He indicated the goal is to obtain interest from qualified developers that have been predetermined. The slide show presentation provided the following:

- Brief background to the project
- Disclosure and disclaimers
- RFQ components in order essential
  - Police, fire, and related emergency space and structures

- Administrative and other basic service space
- Community Senior Center
- 365 Recreation outdoor
- Recreation infrastructure indoor
- Civic Center RFQ Residential / Housing
- Other components desired
  - Commercial combination of market, pop-up spaces, office space, medical
- Educational
- Other characteristics branding through common elements
- Density with human scale
- RFQ Timeline
  - Development process and projected dates

Mr. Kohn suggested the open house in conjunction with COVID 19 should be taken out of the RFQ. He further reminded that Chesapeake would do the solicitation.

Supervisor Kowall opined that there is a lot of information, but that it is a new process and that he must rely on Mr. O'Neil and Mr. Quagliata. He offered the Board the opportunity to take their time and reread it or if they have any thoughts or suggestions that could potentially be incorporated into the RFQ.

Trustee Powell noted that on Page 1, Sec. 1 – Third line, the word townships should be possessive. He asked about Page 9, the reference to a substantial number of seniors and the pros and cons and if the proposed developers would get the wrong idea.

Supervisor Kowall indicated that there is a large senior population, but that the Township is also trying to retain some young people. He reminded that this is in draft form to try and plant some seeds to show potentially what the Township might allow.

Trustee Powell recalled that approximately ten-years ago he was approached by a Detroit Piston's player that was interested in White Lake Township. He owned property in the Township, and he was intrigued with Alpine Ski Lodge. He shared that there are few communities that have a ski hill and admitted that it is a draw to the Township. The Piston player wanted to set up a four-season playground within that facility. He thinks the developers would want to know that the Township has a full-service ski lodge within the Township and perhaps it could work into the RFQ.

Howard Kohn stated that the qualifications getting reviewed is up to the Board. He just needs certainty as to where they are going.

Trustee Voorheis likes the green technology of it. She also loves that it included less office space, indoor walking space, and the market area.

Debby DeHart wants to make sure we include something about the fact that we have such close proximity to the state and metro parks. She thinks it is important to let develops know how close they are.

Trustee Powell would love to have a pathway that would tie into those parks.

Supervisor Kowall indicated that there are two things in the works, the Township Triangle Trail and the long-term conversations with Pontiac Lake Recreation which ultimately could tie Highland Recreation, Stanley Park, Pontiac Lake, and Springfield. He noted that White Lake would be one of the only communities to have four parks in close proximity and the ability to transit between via trail. He feels in this process that the Board won't catch everything, but giving as much input as possible and having them come in and spend a day in White Lake, they will learn of our community and what it has to offer. He noted that the Township is park rich which is a plus.

Trustee Smith loves the idea of a marketplace, pop-ups, and making it a transitional space. She believes that it is unique and offers many possibilities and opportunities. She would like to see it a pedestrian street only. She hopes that there is a greenbelt that will connect Stanley Park, the library and civic center. She wants to see sidewalks, trail system and maybe an exercise spot.

Mr. Kohn agrees, and he sees this as pods linked by pedestrian systems.

Trustee Smith continued that she is not interested in office space. She wants to see reasons to stroll and congregate and socialize (i.e. ice cream, breweries, free activities) a place or activity for residents come spend the day and enjoy for free. She loves the idea of art in the area. She emphasized the greenbelt, connectivity, the uniqueness of the pathways, the gathering area that does not cost anything to residents. She would like to include wireless hotspots and ensuring that it is up to date in technology in the campus. She noted that the baby boomers are here and that is a large part of our population, but the Township needs to be conscientious in attracting all ages. She thinks multiuse houses are important. She indicated that this is a fine line of growth in White Lake. There is a huge footprint, and the Board needs to properly serve the residents with thoughtful mind that the township is growing, but not losing what is loved about White Lake. She is hoping for a senior/community center that will serve the seniors and a facility that can be rented by residents for graduation and weddings. She wants to make sure there is enough space.

Mr. Kohn noted that there is a huge demand for a variety of activities by residents. That is why he called it a community/senior center.

Treasurer Roman believes there have been insightful comments. His observation regarding demographics is that he lives in a subdivision with twenty-eight homes with an aver size of 2,200 square feet with three to four bedrooms. He noted that in the last two years they have had six senior couples move out and six young families move in.

Trustee Ruggles likes Mr. Kohn's comments that he will make his proposals to each company specific. He looks forward to the results. He has a lot of specific interests. He believes each company he engages will address those in a different way and the Township will have more to chew on, so to speak. He thinks Mr. Kohn has a detailed presentation and he is looking forward to developments.

Trustee Powell observed that if you are a snow skier you will recognize heated sidewalks as a neat idea under the green section. He furthered that heated sidewalks in a four-season playground will be an attraction.

Trustee Smith added that she would like an amphitheater included, if possible. She noted there is a perfect spot on the property.

Supervisor Kowall indicated that will be looked at with the Master Plan of the park.

Sean O'Neil noted that these are minor changes that can be made, and the next step would be to move ahead with the issuance of the RFQ.

Mr. Kohn would like to start the process beginning of October. The goal is to have this be as fiscally responsible as possible and have as least amount of money come out of the Township's pocket as possible. He noted that at some point, there may be required bonding. He advises getting all the bonding the Township can, even if you do not use it.

As far as timeline, he would like the RFQ's out by mid-October and to have the responses back by mid-December, with reviewing beginning mid-December, and then narrow it down by second week of January.

Mr. O'Neil noted that this is a huge undertaking by the Township, one of the biggest things this Township has ever done. The timeframe seems reasonable to him.

Supervisor Kowall would like to see this approved and to go forward with the RFQ with amended suggestions approved by the Township Planner.

Trustee Smith encouraged the committee to speak up if they have anything to say as it is the point of this meeting to share ideas.

JP Arens stressed that what he noticed during COVID is how his boys have gotten into fishing. He believes that access into the park, access down through the back, and a bait machine would draw more people. He declared that people are looking for places to fish.

Debby DeHart shared that a senior community center in Colorado utilizes shared space and it brings the community together.

Trustee Smith shared that there are a lot of neat things going on in Denver. The Orchard's has outdoor sitting, fireplace, and a small spray park. She suggested the Committee and Board look at the Premium Outlets for interesting setting and concepts.

Trustee Powell stated he is not necessarily interested in reviewing all the RFQ's. He would if there are only three but asked his fellow Board members if they want to see them all or just those that Mr. Kohn picks out.

Supervisor Kowall wants to see Mr. Kohn's recommendations, but the Board has every right to see who has submitted.

**It was MOVED by Trustee Powell, SUPPORTED by Trustee Voorheis to approve the RFQ as amended tonight and request that Chesapeake Group solicit the RFQ's as presented tonight, with amended suggestions approved by Township Planner. The motion PASSED by roll call vote (Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

## **REVIEW MASTER PLAN AND GRAPHICS FROM DLZ**

Sean O'Neil noted the purpose is for Nathan Loree to share with the Committee and the Board and get any feedback. This is not final product.

Nathan Loree, DLZ. He is really excited about the conversation that is already happening. He is going to present some things that have already been talked about. As of the last joint meeting DLZ is working at multiple scales of this project. They were originally brought in to focus on the townhall and space planning for that. They are now moving into the master plan. He shared a 3D flythrough model using a building color key with design options. It included: residential, commercial, community center, civic buildings, parking, and office spaces. He noted that none of this is set in stone, but rather intended to give an idea of what it might look like and feel like without biasing a developer.

Treasurer Roman commented that everyone has expressed the desire for walkability, and he does not see sidewalks in the 3D image. He asked if it would make sense to color code sidewalks or walking paths, so they are highlighted. To which Mr. Loree affirmed they could do that.

Trustee Smith questioned or clarified the location of where the townhall building would be. Supervisor Kowall indicated it is closer to the south, closer to Stanley Park. Trustee Smith noted there are residents that have concerns regarding the private lake and suggested a location of a boardwalk.

Treasurer Roman recalled that Mr. Kohn mentioned that he was looking for a sketch of this and wondered if this is what he had in mind or had recommendations.

Mr. Kohn indicated that he and Nathan have spoken of a bubble drawing.

Mr. Loree noted that they needed to know the space or volume that was needed for the civic center building prior to developing a bubble drawing.

Trustee Smith asked of Supervisor Kowall when he would like to have the conversation regarding what the Township would like to retain for the Township property and purposes.

Supervisor Kowall indicated there is always an opportunity for change and that the Board needs to be open minded.

Mr. Loree continued that this flythrough model takes the place of a high-level perspective and replaces physical model or birds eye view. It is a tool that will be helpful moving forward. It is designed to not be set in stone. It allows you to have design conversations with the developer. This can be used by anyone as there is no special software needed.

He furthered that the next components are conceptual street views, which provide a sense of space. They are intentionally generic as not to bias conceptual designs. It is just another tool to help facilitate the conversation with developers. He reminded that it is only meant to demonstrate high level ideas such as:

- Place making
- Public way finding
- Provide a sense of scale

He shared concept renderings.

Mike Lueffgen, DLZ. He shared an image of the civic center conceptual site layout identifying the proposed public safety building, civic center, parking lots, and access drives. He noted a reasonable offset from the wetland line.

He furthered that there is approximately 14 acres of developable land using the wetland boundary and Elizabeth Lake Road as the defining feature. The public safety building uses 2.95 acres and the civic center with associated parking takes up 2.2 acres.

Treasurer Roman asked if Water Sewer would be housed in the civic center building. To which Mr. Loree indicated that their office space would be part of the townhall, but they will need supplemental space for them to go bang on things.

Supervisor Kowall noted that they have not completely gone into how each department will utilize this building. This is to carve out the land and how it will be used. This will get us to a functional public safety and functional township hall building for the future. He continued that this is the day-to-day operations of the Township and its functionality with the public.

Trustee Smith clarified that Mr. Leuffgen indicated there is 14 acres of developable land and the public safety building requires approximately 3 acres, the township municipality building 2.5 acres, which leaves 8 acres to work with. She is pushing for the results of the needs and assessment that was completed over a year ago. She thinks they deserve to have information now before they make any decisions. She would like an approximate idea of the square footage of the townhall.

Mr. Loree indicated that they put out surveys when this process was started and received feedback from the trustees and staff members that use the building and space of the current townhall which was factored in. He then shared a visual of a proposed townhall floor plan.

Supervisor Kowall indicated in response to Trustee Smith, that the square footage of the townhall is approximately 38,000 square feet.

Trustee Smith is thankful for the answers but noted that the Board needs to have some information moving forward as the residents are counting on this Board to be educated to be able to make informed decisions. She understands the process is still working in proximities, but believes it is important to know how many acres is being worked with.

Treasurer Roman feels strongly that the Clerk's Office, Treasurer Office, Assessor's Office, and Supervisor's Office should be on one floor of the new building as they work closely together.

Supervisor Kowall indicated that the department heads will have an opportunity to sit down and that is what will form the dynamics and functionality of it. He declared that the department heads are here every day and they operate the township every day and service the public. The Board can look at this building and come up with ideas and thoughts, but trustees and elected officials come and go. The staff stays and they are here to serve the public. Therefore, their input is important. He stated that right now, the task is to try and carve out and determine what will be needed and the spatial planning. He thanked Mr. O'Neil for all his efforts regarding this.

Sean O'Neil added that in the RFQ and Master Plan that have been put together that this plan does not stop at the borders of the township property. There are a lot of things that will come into play that will make it feel like it is a lot more than 8 acres. He noted that you do not get that feel when you look at the concepts. He thanked everyone for their participation and time with this. He noted that the Committee was started nearly two years ago, and he believes their input has been invaluable.

Supervisor Kowall thanked the Committee and finds their input invaluable. He also thanked Trustee Powell for the engineer's eye. He reminded nothing is set in concrete right now, but that there must be something to start with. He noted that this does not have all the ideas but suggests that this will allow the Township to surround itself with people who do.

Mr. O'Neil indicated that if there are additional questions or comments to email him and he will pass it along to Nathan and Mike.

#### **FIRST RESPONDER HAZARD PAY PREMIUMS PROGRAM (FRHPPP)**

Treasurer Roman indicated that the Township applied for reimbursements for COVID related expenses to the state, FEMA, and Oakland County. The Township has received \$61,000 from the State of Michigan for the First Responder Hazard Pay Program, which is intended to go to the Township's public safety team



(police and fire) at \$1,000 each. He stated that originally the Program was rolled out and required that this pay be paid out by September 30, 2020. Even though that date has been extended out, the Township cut payroll checks. Treasurer Roman would like the Board to approve paying out this \$61,000.

**It was MOVED by Treasurer Roman, SUPPORTED by Trustee Ruggles to approve paying our police department responders \$1,000.00 each, in total \$61,000.00, in conjunction with the First Responders Premium Program. The motion PASSED by roll call vote (Ruggles/yes, Powell/yes, Voorheis/yes, Smith/yes, Roman/yes, Lilley/yes, Kowall/yes).**

Supervisor Kowall gave a special thank you to Treasurer Roman as he has been diligent and on top of all available programs.

#### **ADJOURNMENT**

**It was MOVED by Trustee Voorheis, SUPPORTED by Trustee Smith to adjourn. The motion PASSED by roll call vote (Voorheis/yes, Smith/yes, Powell/yes, Ruggles/yes, Roman/yes, Lilley/yes, Kowall/yes).**

The meeting was adjourned at 7:57 p.m.

I, Terry Lilley, the duly elected and qualified Clerk of the Charter Township of White Lake, County of Oakland, State of Michigan, hereby certify that the foregoing is a true copy of the September 29, 2020 special joint board meeting minutes.

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Terry Lilley, MMC; MiPMC  
White Lake Township  
Oakland County, Michigan



2020  
Millage  
Nov. 3, 2020



# Oakland County Recreational Resources

- 1,440 lakes
- 5 major river systems
- 90,000 acres of public land
- 4 levels of parks
  - State (DNR)
  - Metroparks
  - County
  - Local cities, villages & townships





# Oakland County Parks & Recreation

- 14 parks
- Nearly 7,000 acres
- 2M visitors
  - Nearly 80 miles of trails
  - 5 golf courses
  - 3 dog parks
  - 2 waterparks
  - 2 campgrounds
  - 2 nature centers
  - 1 farmers market
  - 20 mobile rec units
- Recreation Outreach 1.9M
- 75 FT, 700+ PT staff
- Nearly 1,000 volunteers



# Projects/Improvements 2010-2020

- Red Oaks Nature Center & Park (38 acres)
- Food and Beverage Operations Improvements
- Catalpa Oaks Improvements
- Independence Oaks-North (188 acres)
- Red Oaks Dog Park & Trail
- White Lake Oaks Property Acquisition (42 acres)
- Normandy Oaks Partnership – Royal Oak
- Holly Oaks ORV Park
- Increased Programs County-Wide

# Historical Perspective

Established in 1966	Currently in 2020
1 Park	14 Parks
190 acres	Nearly 7,000 acres
.25 millage to grow/expand	.2310 millage to maintain/operate

# OCPR Financial Picture

- \$20M+ in deferred maintenance
- Shrinking capital budget
- Net position (fund balance) decreasing each year
  - Unplanned repairs & improvements
  - Increased maintenance
  - Headlee Rollback



# 2017 County-Wide Survey

## Top 10 Actions Respondents Most Willing to Fund

1. Fix up & repair older structures & playgrounds
2. Fix up & repair roads & parking lots
3. New trails & boardwalks
4. Land purchase for new trails
5. Land purchase for open space & environment
6. Make facilities more accessible for everyone
7. New splash pad and/or spray park
8. New off-leash dog parks
9. Land purchase for new recreational facilities
10. New playgrounds



# Nov. 4, 2020 Ballot Question

The Oakland County Parks System includes 7000 acres and 80 miles of trails preserving and protecting the environment. There are 13 Oakland County Parks and recreational activities throughout the County including campgrounds, dog parks, golf courses, water parks, and mobile recreation units.

To continue to provide revenue to the Oakland County Parks and Recreation Commission, shall the current millage, which has been reduced by required rollback, be **replaced and increased to .35 mills for 10 years from 2020 to 2029?** The .35 mills is equal to 35 cents per \$1,000.00 of taxable value. The purpose of the millage is to improve, operate, and maintain parks, open spaces and water areas, trails, and recreation facilities; to allow for free day-use park admission for seniors (62 and over), military, veterans, and residents with permanent disabilities; to expand trails; to enhance local recreation programs; and to increase environmental conservation and recreation activities. Revenue from this millage will be disbursed only to the County of Oakland to be used solely for the purpose of funding the Oakland County Parks and Recreation Commission with external audits and oversight by the Oakland County Board of Commissioners.

Oakland County Parks and Recreation has welcomed residents to parks and programs for 54 years. OCPR's 7,000 acres and nearly 80 miles of trails across 13 park properties are explored by two million visitors of all ages and abilities annually.

## Protect

Parks provide safe places for people to hike, walk, bike and unwind in nature. Environmental stewardship and collaboration with local conservation partners safeguard wildlife habitats throughout Oakland County.



## Outreach

Recreation programming supports year-round special events and community activities throughout Oakland County's 62 cities, villages and townships. The Recreation Assistance Partnership Program has provided support to local recreation efforts since 1982.

## Reinvest

The current .2310 millage rate is set to expire Dec. 31, 2021. This rate has never been increased since 1966. On Nov. 3, 2020, residents will be asked to vote on a millage replacement and increase to .35 mills to improve, operate, and maintain parks, open space and water areas, trails and recreation activities.

If approved, the .35 rate will cost the owner of a home or business valued at \$200,000 (taxable value of \$100,000) approximately \$12 more, for a total of \$35/year to maintain the Oakland County Parks and Recreation system.



## Increase Access

The .35 mills will be used to:

- Allow OCPR to offer free annual vehicle permits to Oakland County residents who are seniors (62 and older), active military, veterans, and residents with permanent disabilities
- Refresh parks system assets to meet current and future needs
- Expand trails throughout Oakland County
- Enhance outreach and support of local recreation programs
- Increase environmental conservation efforts across the 910 square miles of Oakland County to protect important natural habitats

# Planned New Initiatives

- ✓ Free vehicle passes for:
  - Seniors (62+)
  - Veterans and active military
  - Persons with permanent disabilities
- ✓ Grant program for trails throughout the county
- ✓ Grant program for local park improvements
- ✓ Increased programmatic outreach
- ✓ Dedicated funding for invasive species management county-wide

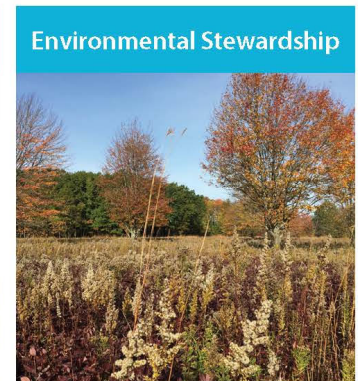
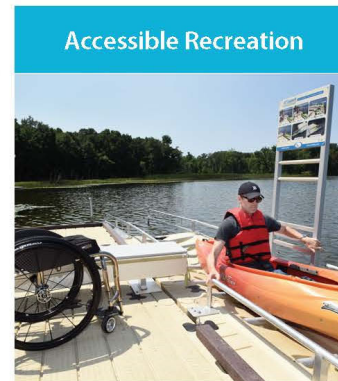
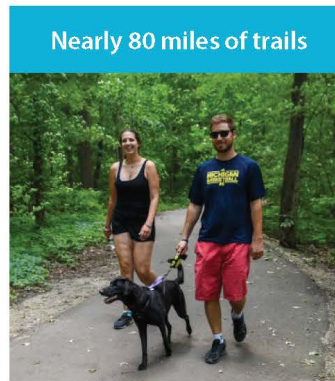
# Millage Options

- For a home with a market value of \$200,000 (taxable value of \$100,000), homeowner would pay approximately:

.35



\$35/year







**OAKLAND  
COUNTY PARKS**

*Great Parks for Great People*

**VOTE NOV. 3**

OaklandCountyParks.com   

**Co-Presenter -TBD**

**Title - TBD**

**TBD@oakgov.com**

**Michael Donnellon, Jr.**

**Chief of Park Facilities Maintenance & Development**

**donnellonm@oakgov.com**

**<https://www.oakgov.com/parks/2020Millage/Pages/default.aspx>**



## MEMORANDUM

To: Board of Trustees  
From: Nick Spencer, Building Department  
Date: October 9, 2020  
Subject: Dangerous Building - Show Cause Hearing for 1337 Park

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Dear Board of Trustees,

As you are aware, a Show Cause Hearing was scheduled for 1337 Park on the March 17, 2020 Township Board Meeting but was cancelled due to COVID-19.

During the February, 2020 Township Board meeting, the homeowner stated that he was in contract to sell the property to HomeVestors. Conrad Walker, a representative of HomeVestors was in attendance and said he would like to rehab the property with a timeline of 5-7 months. In response to this, Township Attorney Lisa Hamameh stated the Township could order demolition today but if we were considering delaying, that would require action on Mr. Walker's part by producing an agreement. Lisa Hamameh stated she would work with Mr. Walker's lawyer regarding the money that needed to be deposited. She also stated that Mr. Walker would need to perform due diligence in talking to the Planning Director about any legal non-conforming uses, as well as water and sewer issues. The Supervisor also recommended a cost estimate and timeline be put in place at this meeting.

Since the February 2020 meeting, there have been no agreements received regarding any monies to be deposited, no permits issued for water or sewer through our DPS department and there have been no building permits applied for at the Building department. The property taxes are still going to the Hookana's and are currently being paid by the Hookana's.

Therefore, at the October 20, 2020 board meeting, the Building department will be placing 1337 Park on the agenda for a show cause hearing and recommending the Township follow through with the decision of the Dangerous Buildings Hearing Officer to proceed with the demolition of the structure.

Rik Kowall, Supervisor  
Terry Lilley, Clerk  
Mike Roman, Treasurer



Trustees  
Scott Ruggles  
Michael Powell  
Andrea C. Voorheis  
Liz Fessler Smith

## WHITE LAKE TOWNSHIP

7525 Highland Road • White Lake, Michigan 48383-2900 • (248) 698-3300 • [www.whitelaketwp.com](http://www.whitelaketwp.com)

**Date:** October 5, 2020

**To:** Board of Trustees

**From:** Trish Pergament

**Subject:** Reprogramming of PY2019 CDBG Funds

Dear Board of Trustees:

In November of 2018 the board approved the Community Development Block Grant (CDBG) applications for PY2019. As a part of that application we had included \$10,000 for a public facility improvement project to replace the roof at Dublin Senior Center.

At our next board meeting on October 20, I will be requesting the Township Board approve the reprogramming of the \$10,000 for the Senior Center roof project to the Minor Home Repair (MHR) program. Due to the extreme need in our community and the fact that less CDBG funds were approved by the federal government for PY2019, we exhausted our MHR funds early. I have had to turn several residents away this year, including more recently a couple of furnace requests. While we are still waiting on our PY2020 funds, we have not been given a date of when we will receive them. However, as in the past, I would expect to receive those funds sometime in December 2020 or January 2021.

Since we are entering the colder months with no MHR funds for extreme emergencies such as furnaces; I decided there was reason to reexamine the senior center roof project. In doing so, I requested a rough estimate on the senior center roof and found that it will cost approximately \$23,000 to \$25,000+ to replace. Therefore, to complete this project, the Township would still have to contribute approximately \$15,000. The contractor that gave the estimate felt we still had 2 or 3 decent years left on the roof.

Another factor to consider is we may be further along in 2 to 3 years of realizing our goal of a new Township hall. If we sell or repurpose the senior center building, it will no longer qualify as a senior public facility improvement project under CDBG guidelines. We would then have to undertake the process of examining the depreciation costs of the roof to reimburse the CDBG funds at a depreciated amount to go back into the CDBG program.



Rik Kowall, Supervisor  
Terry Lilley, Clerk  
Mike Roman, Treasurer



Trustees  
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## WHITE LAKE TOWNSHIP

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For these reasons, it is my recommendation that we reprogram this \$10,000 in funds into the PY2019 minor home repair program for the benefit of our neediest residents. It isn't a great deal of money but it will help a few individuals and mean the world of difference to them.

In addition to approving the reprogramming of these funds from the PY2019 public facility improvement project to the PY2019 minor home repair program, I would like to request the Board specify that the reprogrammed PY2019 MHR funds in the amount of \$10,000, only be used to repair or replace furnaces that are not repairable. \$10,000 will not go far and the intent is to preserve this money to provide much needed warmth until our PY2020 funds become available. Once, we receive the PY2020 funds, we would resume normal operation for accepting MHR projects.

Thank you for considering this request.

Sincerely,

*Trish Pergament*  
CDBG Program Administrator

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>GENERAL FUND REVENUE</b>		
101-000-393-000	FUND BALANCE - DESIGNATED	(268,957)
101-000-402-000	CURRENT PROPERTY TAX	(1,130,455)
101-000-403-001	SPECIAL ASSMT STREET LIGHTS	(17,130)
101-000-405-000	TRAILER PARK TAX	(7,500)
101-000-445-000	PENALTIES	(17,000)
101-000-445-001	PRIN RESIDENCE DENIALS	(2,000)
101-000-459-000	SOLICITOR PERMIT	(500)
101-000-481-000	DOG LICENSES	(1,200)
101-000-575-001	METRO ACT REVENUE	(16,600)
101-000-576-000	STATE SHARED REV-CONSTITUTIONA	(2,400,000)
101-000-590-000	CASH BONDS CONTRIBUTIONS	(600,000)
101-000-590-001	GRINDERS-CONTRIBUTIONS	(300,000)
101-000-607-000	PASSPORT PROCESSING FEE	(7,000)
101-000-608-000	ZONING BOARD OF APPEALS	(6,500)
101-000-609-000	PLANNING COMMISSION FEES	(4,250)
101-000-621-000	PLATTING & LOT SPLIT FEES	(1,500)
101-000-622-000	ZONING APPLICATION FEES	(4,000)
101-000-622-002	PLANNING DEPARTMENT REVIEWS	(2,500)
101-000-622-003	LANDSCAPING INSPECTION FEES	(750)
101-000-622-004	PUNCH LIST ADMIN FEES	(500)
101-000-622-005	FINAL BACK CHECK FEES	(350)
101-000-623-000	N S F FEE	(500)
101-000-625-000	SPECIAL MEETING FEES	(500)
101-000-627-000	DUPLICATING & PHOTOSTAT	(350)
101-000-643-000	CEMETERY LOTS	(8,000)
101-000-644-000	GRAVESITE OPENINGS/CLOSINGS	(10,000)
101-000-644-001	MONUMENT FOUNDATIONS/BRICK PAV	(6,600)
101-000-650-000	OTHER MAPS, CODES, ETC	(50)
101-000-651-000	SENIOR ACTIVITIES	(21,000)
101-000-652-001	SENIOR CENTER REVENUE	(180)
101-000-654-000	OC ENHANCED REVENUE	(2,000)
101-000-664-000	INTEREST INCOME	(20,000)
101-000-664-001	INTEREST - TRUST AND AGENCY	(2,000)
101-000-667-001	RENT COMMUNITY HALL	(6,000)
101-000-667-005	RENT-ORMOND RD TOWER	(12,000)
101-000-675-002	DONATIONS HOIDAY EVENTS	(10,000)
101-000-677-000	POSTAGE REVENUE	(100)
101-000-678-000	MISCELLANEOUS	(2,000)
101-000-689-000	SUMMER TAX COLLECTION REIMB	(70,000)
101-000-695-000	OTHER SUNDRY	(500)
101-000-695-001	OTHER CABLE TV	(500,000)
101-000-695-002	ADMINISTRATIVE FEES	(1,200)
101-000-695-003	ADMIN FEES - GARBAGE FUND	(92,748)
101-000-695-004	ADMIN FEES - TRUST & AGENCY	(25,000)
101-000-695-007	ADMIN FEE SPECIAL ASSESSMENTS	(5,000)
<b>TOTAL GENERAL FUND REVENUES</b>		<b>(5,584,421)</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

GL NUMBER	DESCRIPTION	BUDGET 2021
<b>BOARD OF TRUSTEES</b>		
101-101-703-000	SALARIES TRUSTEES	38,884
101-101-710-000	FEES & PER DIEM	6,500
101-101-715-000	SOCIAL SECURITY	2,975
101-101-716-000	HOSPITAL & OPTICAL INS	150
101-101-717-000	GROUP LIFE INSURANCE	435
101-101-719-000	WORKERS' COMP INSURANCE	120
101-101-801-000	PROFESSIONAL FEES - ACTUARIAL	8,000
101-101-801-001	PROFESSIONAL FEES	10,000
101-101-807-000	AUDIT FEES	27,000
101-101-860-000	CONFERENCES & MILEAGE	4,000
101-101-957-000	SUBSCRIPTIONS	500
101-101-958-000	MEMBERSHIPS & DUES	16,000
101-101-962-000	MISCELLANEOUS	13,000
	<b>TOTAL BOARD OF DIRECTORS</b>	<b><u>127,563</u></b>
<b>SUPERVISOR'S OFFICE</b>		
101-171-703-000	SALARIES SUPERVISOR	89,235
101-171-704-000	SALARIES, ADMIN ASSISTANT	61,050
101-171-707-000	SALARIES CLERICAL PART TIME	30,000
101-171-708-000	SALARIES HR WAGES	83,050
101-171-709-000	OVERTIME	500
101-171-715-000	SOCIAL SECURITY	20,200
101-171-716-000	HOSP & OPTICAL INSURANCE	75,300
101-171-717-000	GROUP LIFE INSURANCE	325
101-171-718-000	PENSION	94,525
101-171-718-001	HEALTH CARE SAVINGS PROGRAM	1,200
101-171-719-000	WORKERS COMP INSURANCE	805
101-171-722-000	UNEMPLOYMENT INSURANCE	710
101-171-724-000	DENTAL INSURANCE	4,950
101-171-853-000	CELLULAR PHONE	800
101-171-860-000	MILEAGE	50
101-171-864-000	CONFERENCES & MEETINGS	1,400
101-171-957-000	SUBSCRIPTIONS	200
101-171-958-000	MEMBERSHIPS & DUES	500
101-171-959-000	COMMUNITY COMMUNICATIONS	20,000
101-171-960-000	TRAINING	300
101-171-931-000	HR SERVICES ALLOCATION	(112,035)
101-171-962-000	MISCELLANEOUS	500
	<b>TOTAL SUPERVISOR</b>	<b><u>373,565</u></b>
<b>ELECTIONS</b>		
101-191-740-000	OPERATING SUPPLIES	2,500
101-191-903-000	LEGAL NOTICES	1,500
101-191-934-000	EQUIPMENT MAINTENANCE	7,500
101-191-962-000	MISCELLANEOUS	1,000

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
101-191-977-000	EQUIPMENT ACQUISITIONS	5,000
	<b>TOTAL ELECTIONS</b>	<b>17,500</b>

**ACCOUNTING**

101-192-701-000	SALARIES SENIOR ACCOUNT MANAGER	81,200
101-192-702-000	SALARIES BOOKKEEPER	65,630
101-192-709-000	OVERTIME	200
101-192-715-000	SOCIAL SECURITY	11,250
101-192-716-000	HOSP & OPTICAL INSURANCE	17,100
101-192-717-000	GROUP LIFE INSURANCE	220
101-192-718-000	PENSION	38,250
101-192-719-000	WORKERS COMP INSURANCE	660
101-192-722-000	UNEMPLOYMENT INSURANCE	540
101-192-724-000	DENTAL INSURANCE	1,020
101-192-957-000	SUBSCRIPTIONS	50
101-192-958-000	MEMBERSHIPS & DUES	450
101-192-960-000	TRAINING	300
101-192-962-000	MISCELLANEOUS	100
	<b>TOTAL ACCOUNTING</b>	<b>216,970</b>

**ASSESSING**

101-209-706-001	SALARIES ASSESSOR	95,690
101-209-706-002	SALARIES PROPERTY APPRAISER	119,865
101-209-706-003	SALARIES CLERICAL	51,955
101-209-707-000	SALARIES PART TIME	10,000
101-209-709-000	OVERTIME	1,500
101-209-715-000	SOCIAL SECURITY	21,350
101-209-716-000	HOSP & OPTICAL INSURANCE	57,550
101-209-717-000	GROUP LIFE INSURANCE	435
101-209-718-000	PENSION	42,300
101-209-718-001	HEALTH CARE SAVINGS PROGRAM	2,400
101-209-719-000	WORKERS COMP INSURANCE	2,950
101-209-722-000	UNEMPLOYMENT INSURANCE	1,080
101-209-724-000	DENTAL INSURANCE	2,900
101-209-801-000	PROFESSIONAL SERVICES	20,000
101-209-818-000	OC SOFTWARE SUPPORT FEES	2,000
101-209-820-000	LEGAL FEES	5,000
101-209-864-000	CONFERENCES & MEETINGS	200
101-209-903-000	LEGAL NOTICES	1,500
101-209-958-000	MEMBERSHIPS & DUES	1,500
101-209-960-000	TRAINING	1,000
101-209-962-000	MISCELLANEOUS	500
	<b>TOTAL ASSESSING</b>	<b>441,675</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>CLERK'S OFFICE</b>		
101-215-703-000	SALARIES CLERK	82,895
101-215-704-000	SALARIES DEPUTY CLERK	60,105
101-215-706-001	SALARIES CLERICAL	101,765
101-215-709-000	OVERTIME	300
101-215-715-000	SOCIAL SECURITY	18,750
101-215-716-000	HOSP & OPTICAL INSURANCE	67,960
101-215-717-000	GROUP LIFE INSURANCE	380
101-215-718-000	PENSION	96,000
101-215-718-001	HEALTH CARE SAVINGS PROGRAM	3,600
101-215-719-000	WORKERS COMP INSURANCE	915
101-215-722-000	UNEMPLOYMENT INSURANCE	810
101-215-724-000	DENTAL INSURANCE	4,050
101-215-864-000	CONFERENCES & MEETINGS	6,258
101-215-903-000	LEGAL NOTICES	4,500
101-215-957-000	SUBSCRIPTIONS	630
101-215-958-000	MEMBERSHIPS & DUES	790
101-215-960-000	TRAINING	1,040
101-215-962-000	MISCELLANEOUS	400
	<b>TOTAL CLERK</b>	<b>451,148</b>
<b>BOARD OF REVIEW</b>		
101-247-710-000	FEES & PER DIEM	2,500
101-247-864-000	CONFERENCES & MEETINGS	150
101-247-903-000	LEGAL PUBLICATIONS	400
	<b>TOTAL BOARD OF REVIEW</b>	<b>3,050</b>
<b>TREASURER'S OFFICE</b>		
101-253-703-000	SALARIES TREASURER	82,895
101-253-704-000	SALARIES DEPUTY TREASURER	72,635
101-253-706-001	SALARIES CLERICAL FT	102,840
101-253-709-000	OVERTIME	500
101-253-715-000	SOCIAL SECURITY	19,800
101-253-716-000	HOSP & OPTICAL INSURANCE	83,830
101-253-717-000	GROUP LIFE INSURANCE	435
101-253-718-000	PENSION	87,410
101-253-718-001	HEALTH CARE SAVINGS PROGRAM	2,400
101-253-719-000	WORKERS COMP INSURANCE	1,085
101-253-722-000	UNEMPLOYMENT INSURANCE	810
101-253-724-000	DENTAL INSURANCE	4,750
101-253-818-000	OC SOFTWARE SUPPORT FEES	2,500
101-253-864-000	CONFERENCES & MEETINGS	2,500
101-253-860-000	MILEAGE	300
101-253-903-000	LEGAL NOTICES	100
101-253-958-000	MEMBERSHIPS & DUES	1,000
101-253-960-000	TRAINING	500
101-253-962-000	MISCELLANEOUS	1,000
	<b>TOTAL TREASURER'S OFFICE</b>	<b>467,290</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>MAINTENANCE DEPARTMENT</b>		
101-265-706-000	SALARIES MAINTENANCE	52,910
101-265-707-000	SALARIES CUSTODIAN	42,785
101-265-709-000	OVERTIME	8,000
101-265-715-000	SOCIAL SECURITY	7,935
101-265-716-000	HOSP & OPTICAL INSURANCE	28,760
101-265-717-000	GROUP LIFE INSURANCE	220
101-265-718-000	PENSION	24,925
101-265-719-000	WORKERS COMP INSURANCE	5,330
101-265-722-000	UNEMPLOYMENT INSURANCE	540
101-265-724-000	DENTAL INSURANCE	1,450
101-265-853-000	TELEPHONE	12,000
101-265-863-000	VEHICLE MAINTENANCE	8,000
101-265-867-000	GASOLINE	6,000
101-265-910-000	INSURANCE	56,000
101-265-921-001	ELECTRIC TWP HALL	40,000
101-265-922-000	UTILITIES-TWP HALL	5,000
101-265-923-000	HEAT TWP HALL	6,200
101-265-931-001	BLDG MAINTENANCE & SUPPLIES	17,000
101-265-931-002	GROUNDS MAINTENANCE	30,000
101-265-931-003	BLDG EQUIP MAINTENANCE	6,000
101-265-933-000	GROUNDS EQUIP MAINTENANCE	1,000
101-265-934-000	OFFICE EQUIP MAINTENANCE	3,000
101-265-971-000	TECHNOLOGY EQUIPMENT	110,000
101-265-974-000	IMPROVEMENTS & BETTERMENTS	165,000
101-265-977-000	EQUIPMENT ACQUISITIONS	110,000
	<b>TOTAL MAINTENANCE</b>	<b>748,055</b>
<b>TOWNSHIP FACILITIES</b>		
101-269-853-001	TELEPHONE FISK FARM	360
101-269-910-001	INSURANCE COMM HALL	1,000
101-269-910-004	INSURANCE FISK	2,600
101-269-910-008	INSURANCE ANNEX	7,500
101-269-921-001	ELECTRIC COMM HALL	700
101-269-921-004	ELECTRIC FISK	1,800
101-269-921-006	M59/BOGIE PROP STREET LIGHT	1,200
101-269-921-011	ELECTRIC TWP ANNEX	10,000
101-269-922-004	UTILITIES FISK	1,800
101-269-922-010	UTILITIES - TWP ANNEX	6,550
101-269-923-001	HEAT COMM HALL	2,000
101-269-923-004	HEAT FISK	1,000
101-269-923-011	HEAT - TWP ANNEX	5,000
101-269-931-013	BLDG MAINTENANCE - TWP ANNEX	10,000
101-269-932-000	GROUNDS MAINTENANCE-ANNEX	2,500
101-269-931-001	BLDG MAINT COMM HALL	3,000
101-269-931-004	BLDG EQUIPMENT MAINT COMM HALL	500

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
101-269-931-007	BLDG MAINT FISK	7,000
101-269-931-008	EQUIP MAINT FISK	1,000
101-269-962-000	MISCELLANEOUS	500
	<b>TOTAL TOWNSHIP PROPERTY</b>	<b>66,010</b>

**CEMETERY**

101-276-910-000	INSURANCE	200
101-276-921-000	ELECTRIC OXBOW	200
101-276-921-001	ELECTRIC WHITE LAKE	300
101-276-932-000	CEMETERY MAINT	22,720
101-276-935-000	CEMETERY-GRAVESITE OPENING/CLOSII	8,000
101-276-936-000	CEMETERY FOUNDATIONS/MONUMENT	4,400
101-276-962-000	MISCELLANEOUS	400
101-276-974-000	LAND IMPROVEMENTS	17,500
101-276-977-000	EQUIPMENT ACQUISITIONS	300
	<b>TOTAL CEMETERY</b>	<b>54,020</b>

**ORDINANCE DEPT.**

101-372-706-001	SALARIES ORDINANCE OFFICER	58,670
101-372-709-000	OVERTIME	100
101-372-715-000	SOCIAL SECURITY	6,500
101-372-716-000	HOSP & OPTICAL INSURANCE	25,100
101-372-717-000	GROUP LIFE INSURANCE	110
101-372-718-000	PENSION	15,300
101-372-719-000	WORKERS COMP INSURANCE	890
101-372-722-000	UNEMPLOYMENT INSURANCE	270
101-372-724-000	DENTAL INSURANCE	1,650
101-372-744-000	UNIFORMS-ORDINANCE	500
101-372-757-000	OPERATING SUPPLIES	200
101-372-853-000	CELLULAR PHONE	1,000
101-372-863-000	VEHICLE MAINTENANCE	3,000
101-372-864-000	CONFERENCE & MEETINGS	750
101-372-867-000	GASOLINE	1,720
101-372-910-000	INSURANCE	800
101-372-958-000	MEMBERSHIPS & DUES	150
101-372-960-000	TRAINING	500
101-372-962-000	MISCELLANEOUS	250
	<b>TOTAL ORDINANCE DEPT.</b>	<b>117,460</b>

**PLANNING DEPARTMENT**

101-402-706-001	SALARIES PLANNING DIRECTOR	91,020
101-402-706-002	SALARIES CLERICAL	51,200
101-402-707-000	SALARIES SENIOR PLANNER	68,895
101-402-709-000	OVERTIME	5,362
101-402-710-000	PLANNING/ZBA BOARD FEES	10,000
101-402-715-000	SOCIAL SECURITY	17,320
101-402-716-000	HOSP & OPTICAL INSURANCE	25,290

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
101-402-717-000	GROUP LIFE INSURANCE	325
101-402-718-000	PENSION	28,780
101-402-718-001	HEALTH CARE SAVINGS PROGRAM	2,400
101-402-719-000	WORKERS COMP INSURANCE	2,110
101-402-722-000	UNEMPLOYMENT INSURANCE	810
101-402-724-000	DENTAL INSURANCE	2,590
101-402-729-000	PRINTING	1,750
101-402-757-000	OPERATING SUPPLIES	750
101-402-801-000	PROFESSIONAL FEES	44,750
101-402-853-000	CELLULAR PHONE	1,275
101-402-864-000	CONFERENCES & MEETINGS	3,884
101-402-903-000	LEGAL NOTICES	3,500
101-402-910-000	INSURANCE	4,100
101-402-957-000	SUBSCRIPTIONS	650
101-402-958-000	MEMBERSHIPS & DUES	2,108
101-402-960-000	TRAINING	4,100
101-402-962-000	MISCELLANEOUS	500
	<b>TOTAL PLANNING</b>	<b><u>373,469</u></b>

**SENIOR TRANSPORTATION**

101-672-880-000	WOTA PARTICIPATION	185,000
	<b>TOTAL SENIOR DRIVERS</b>	<b><u>185,000</u></b>

**SENIOR CENTER**

101-757-703-000	SALARIES SENIOR DIRECTOR	54,910
101-757-704-000	SALARIES PROGRAM DEVELOPER	48,190
101-757-709-000	OVERTIME	500
101-757-715-000	SOCIAL SECURITY	7,925
101-757-716-000	HOSP & OPTICAL INSURANCE	40,460
101-757-717-000	GROUP LIFE INSURANCE	220
101-757-718-000	PENSION	16,340
101-757-718-001	HEALTH CARE SAVINGS PROGRAM	1,200
101-757-719-000	WORKERS COMP INSURANCE	680
101-757-722-000	UNEMPLOYMENT INSURANCE	540
101-757-724-000	DENTAL INSURANCE	1,880
101-757-751-000	SENIOR ACTIVITIES	30,000
101-757-757-000	OPERATING SUPPLIES	1,800
101-757-853-000	TELEPHONE	2,700
101-757-864-000	CONFERENCES & MEETINGS	500
101-757-910-000	INSURANCE	3,310
101-757-921-000	ELECTRIC	4,500
101-757-922-000	UTILITIES	1,800
101-757-923-000	HEAT	2,200
101-757-931-000	BUILDING MAINTENANCE	9,000
101-757-957-000	SUBSCRIPTIONS	100
101-757-958-000	MEMBERSHIPS & DUES	150
101-757-962-000	MISCELLANEOUS	800



**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
101-757-976-000	ADD & IMPROVEMENTS	5,000
	<b>TOTAL SENIOR CENTER</b>	<b>234,705</b>
<b>NON-DEPARTMENTAL TOWNSHIP EXPENDITURES</b>		
101-000-934-000	CASH BONDS COLLECTIONS	600,000
101-000-934-001	GRINDERS-DEDUCTIONS	300,000
101-210-826-000	LEGAL FEES	80,000
101-210-826-001	TAX TRIBUNAL REFUNDS	2,500
101-210-826-002	LEGAL FEES-ORDINANCE	40,000
101-248-730-000	POSTAGE	25,000
101-248-934-000	EQUIPMENT MAINTENANCE-POSTAGE M	2,000
101-248-946-000	POSTAGE METER RENTAL	800
101-249-727-000	OFFICE SUPPLIES	35,000
101-285-801-000	ENVIRONMENTAL PROFESSIONAL SERVI	12,000
101-299-956-000	UNALLOCATED MISCELLANEOUS	15,000
101-446-930-000	TRAFFIC SIGNAL MAINTENANCE	1,000
101-448-926-000	STREET LIGHTING	50,000
101-451-970-000	ROAD CONSTRUCTION/TRI PARTY	135,000
101-849-969-000	SPECIAL PROJECTS CONTRIB	10,000
101-863-730-000	RETIREE HEALTH INSURANCE	95,000
101-863-730-003	OPEB FUNDING	270,000
101-863-801-000	PAYROLL SERVICE	27,000
101-906-991-000	PRINCIPAL-CAPITAL LEASE	5,860
101-906-995-000	INTEREST-CAPITAL LEASE	780
	<b>TOTAL NON-DEPTARMENTAL COSTS</b>	<b>1,706,940</b>
	<b>TOTAL EXPENDITURES</b>	<b>5,584,420</b>
	<b>REVENUE OVER EXPENDITURES</b>	<b>(0)</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>FIRE DEPARTMENT</b>		
<b>REVENUES</b>		
206-000-393-000	FUND BALANCE - DESIGNATED	(41,026)
206-000-402-000	TAX COLLECTIONS	(3,393,589)
206-000-607-000	PERMIT AND INSPECTION FEES	(15,000)
206-000-665-000	INTEREST	(17,000)
206-000-695-000	MISC REVENUE	(300)
206-336-977-002	USE OF FUND BALANCE	(800,000)
	<b>TOTAL REVENUES</b>	<b>(4,266,915)</b>
<b>CIVIL SERVICE</b>		
206-220-710-000	FEES & PER DIEM	1,000
206-220-727-000	SUPPLIES	500
206-220-903-000	LEGAL NOTICES	500
	<b>TOTAL CIVIL SERVICE</b>	<b>2,000</b>
<b>EXPENDITURES</b>		
206-336-705-000	SALARIES CHIEF	118,000
206-336-705-001	SALARIES CAPTAIN	252,770
206-336-706-001	SALARIES FIRE SERGEANT	370,500
206-336-706-005	SALARIES FIREFIGHTERS	664,750
206-336-706-007	FIRE MARSHAL/DEPUTY CHIEF	86,300
206-336-709-000	OVERTIME	120,000
206-336-710-000	PAID ON CALL WAGES	100,000
206-336-715-000	SOCIAL SECURITY	145,300
206-336-716-000	HOSP & OPTICAL INSURANCE	414,000
206-336-716-002	RETIREE HEALTH CARE PREMIUMS	38,800
206-336-717-000	GROUP LIFE INSURANCE	2,270
206-336-718-000	PENSION	210,000
206-336-718-002	HEALTH CARE SAVINGS PLAN	16,120
206-336-718-003	OPEB FUNDING	150,000
206-336-719-000	WORKERS COMP INSURANCE	90,000
206-336-720-000	HOLIDAY/PERSONAL PAY	183,400
206-336-722-000	UNEMPLOYMENT INSURANCE	5,670
206-336-724-000	DENTAL INSURANCE	25,000
206-336-727-000	OFFICE SUPPLIES	3,500
206-336-730-000	SHIPPING & FREIGHT	500
206-336-744-000	UNIFORMS	20,000
206-336-744-002	FOOD ALLOWANCE	11,050
206-336-757-000	OPERATING SUPPLIES	25,000
206-336-758-000	OXYGEN & AIR	5,000
206-336-767-000	MEDICAL SUPPLIES	20,000
206-336-801-000	CONSULTANT/PROFESSIONAL SERVICES	5,000
206-336-807-000	AUDIT FEES	5,000
206-336-801-001	HR SERVICES	33,185
206-336-826-000	LEGAL FEES	20,000
206-336-826-002	TAX TRIBUNAL REFUNDS	4,000

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
206-336-835-000	MEDICAL SERVICES	8,000
206-336-851-000	RADIO MAINTENANCE	2,000
206-336-853-000	CELL PHONES	3,500
206-336-853-001	TELEPHONE STATION 1	1,600
206-336-853-002	TELEPHONE STATION 2	1,500
206-336-853-003	TELEPHONE STATION 3	1,000
206-336-863-001	VEHICLE MAINTENANCE	60,000
206-336-863-002	TIRES	10,000
206-336-864-000	CONFERENCES & MEETINGS	7,500
206-336-867-000	GASOLINE	30,000
206-336-903-000	LEGAL NOTICES	200
206-336-910-000	INSURANCE	56,000
206-336-921-001	ELECTRIC STATION 1	12,000
206-336-921-002	ELECTRIC STATION 2	5,500
206-336-921-003	ELECTRIC STATION 3	2,500
206-336-923-001	HEAT STATION 1	5,000
206-336-923-002	HEAT STATION 2	4,000
206-336-923-003	HEAT STATION 3	3,000
206-336-931-001	MAINTENANCE STATION 1	20,000
206-336-931-002	MAINTENANCE STATION 2	8,000
206-336-931-003	MAINTENANCE STATION 3	5,000
206-336-933-000	EQUIPMENT MAINTENANCE	15,000
206-336-957-000	SUBSCRIPTIONS	3,500
206-336-958-000	MEMBERSHIPS & DUES	12,000
206-336-960-000	TRAINING	40,000
206-336-962-000	MISCELLANEOUS	3,000
206-336-977-000	EQUIPMENT ACQUISITIONS 04M	750,000
206-336-977-001	SUPPLY ACQUISITIONS 04M	50,000
	<b>TOTAL EXPENDITURES</b>	<b><u>4,266,915</u></b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>POLICE FUND</b>		
<b>REVENUES</b>		
207-000-393-000	DESIGNATED FUND BALANCE	(539,190)
207-000-402-000	TAX COLLECTIONS	(5,529,760)
207-000-546-000	CRIMINAL JUSTICE TRNG 302 FUNDS	(4,500)
207-000-577-000	LIQUOR LICENSES	(11,000)
207-000-601-000	LIASON OFFICER REIMBURSEMENT	(30,000)
207-000-607-000	SEX OFFENDERS REGISTRY FEE	(1,500)
207-000-608-001	WARRANT PROCESSING FEES	(1,000)
207-000-627-000	DUPLICATING & PHOTOSTAT	(2,500)
207-000-656-000	ORDINANCE FINES & COSTS	(110,000)
207-000-665-000	INTEREST	(14,000)
207-000-665-002	INTEREST INCOME-TAX FUND	(1,500)
207-000-673-000	SALE OF FIXED ASSETS	(12,000)
207-000-684-000	CROSSING GUARDS REIMBURSEMENT	(4,900)
207-000-685-000	OAKLAND CTY 911 REIMBURSEMENT	(5,500)
207-000-695-000	MISCELLANEOUS REVENUE	(1,000)
	<b>TOTAL REVENUES</b>	<b>(6,268,350)</b>
<b>CIVIL SERVICE</b>		
207-220-710-000	FEES & PER DIEM-CIVIL SVC	1,000
207-220-727-000	SUPPLIES-CIVIL SVC	1,000
207-220-903-000	LEGAL NOTICES-CIVIL SVC	1,000
	<b>TOTAL CIVIL SERVICE</b>	<b>3,000</b>
<b>EXPENDITURES</b>		
207-301-705-000	SALARIES CHIEF	100,250
207-301-706-001	SALARIES LIEUTENANTS	273,115
207-301-706-002	SALARIES SERGEANTS	337,365
207-301-706-003	SALARIES POLICE OFFICERS	1,504,065
207-301-706-004	SALARIES DISPATCHERS	290,820
207-301-706-005	SALARIES CLERICAL	195,200
207-301-706-006	SALARIES CADET	46,800
207-301-709-001	OVERTIME	155,500
207-301-709-002	COURT TIME	35,000
207-301-709-003	SHIFT PREMIUM	35,000
207-301-715-000	SOCIAL SECURITY	230,220
207-301-716-000	HOSP & OPTICAL INSURANCE	740,000
207-301-716-001	RETIREE HOSP & OPTICAL INSURANCE	301,800
207-301-717-000	GROUP LIFE INSURANCE	4,210
207-301-718-000	PENSION	600,950
207-301-718-001	HEALTH CARE SAVINGS PROGRAM	51,600
207-301-718-003	OPEB FUNDING	250,000
207-301-719-000	WORKERS COMP INSURANCE	85,410
207-301-720-000	HOLIDAY PAY	115,345
207-301-722-000	UNEMPLOYMENT INSURANCE	11,490
207-301-724-000	DENTAL INSURANCE	41,650

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
207-301-727-000	OFFICE SUPPLIES	11,000
207-301-729-000	PRINTING	500
207-301-741-000	FIRE ARMS, TRNG & RANGE SUPPLIES	5,000
207-301-744-000	UNIFORMS	6,000
207-301-744-004	UNIFORM ALLOWANCE PAYOUT	24,000
207-301-757-000	OPERATING SUPPLIES	6,000
207-301-801-001	HR SERVICES	54,420
207-301-805-000	SEX OFFENDERS REGISTRY FEE	1,500
207-301-807-000	AUDIT FEES	4,000
207-301-818-000	COMPUTER SERVICES	10,000
207-301-826-000	LEGAL FEES-PROSECUTIONS	91,000
207-301-826-001	TAX TRIBUNAL REFUNDS	8,000
207-301-826-002	LEGAL FEES - LABOR RELATED	30,000
207-301-851-000	EQUIPMENT REPAIRS	3,000
207-301-853-000	TELEPHONE	10,000
207-301-860-000	MILEAGE	1,000
207-301-861-000	WITNESS FEES	750
207-301-863-001	VEHICLE MAINTENANCE	45,000
207-301-863-002	TIRES	4,000
207-301-864-000	CONFERENCES	4,500
207-301-867-000	GASOLINE	60,000
207-301-903-000	LEGAL NOTICES	500
207-301-910-000	INSURANCE	150,000
207-301-931-001	BLDG MAINTENANCE & SUPPLIES	10,000
207-301-933-000	EQUIP LEASE/ MAINT CONTRACTS	55,000
207-301-934-000	OFFICE EQUIP MAINTENANCE	5,000
207-301-958-000	MEMBERSHIPS & DUES	2,000
207-301-960-000	TRAINING	22,000
207-301-960-001	CRIMINAL JUSTICE TRNG 302 FUNDS	5,700
207-301-960-002	ETSC- DISPATCH TRAINING	5,400
207-301-962-001	MISCELLANEOUS	8,000
207-301-962-003	EVIDENCE COLLECTION	3,000
207-301-977-000	EQUIPMENT ACQUISITIONS	190,000
207-301-977-003	ACCREDITATION, SOFTWARE, MTCE	7,000
	<b>TOTAL POLICE EXPENDITURES</b>	<b><u>6,249,060</u></b>

**CROSSING GUARDS**

207-316-707-000	SALARIES PT - CROSSING GUARDS	14,000
207-316-715-000	SOCIAL SECURITY-CROSSING GUARDS	1,070
207-316-719-000	WORKERS COMP -CROSSING GUARDS	800
207-316-722-000	UNEMPLOYMENT INSUR CROSSING GUARD	420
	<b>TOTAL CROSSING GUARDS EXPEND</b>	<b><u>16,290</u></b>

**TOTAL POLICE FUND EXPENDITURE: 6,268,350**

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

GL NUMBER	DESCRIPTION	BUDGET 2021
<b>BUILDING DEPARTMENT</b>		
<b>REVENUE</b>		
249-000-393-000	FUND BALANCE - DESIGNATED	(85,090)
249-000-452-000	CONTRACTORS GENERAL LICENSES	(4,000)
249-000-453-000	ELECTRICAL LICENSES	(2,200)
249-000-454-000	HEATING LICENSES	(1,200)
249-000-455-000	PLUMBING LICENSES	(60)
249-000-477-000	BUILDING PERMITS	(350,000)
249-000-478-000	ELECTRICAL PERMITS	(72,000)
249-000-479-000	HEATING PERMITS	(100,000)
249-000-480-000	PLUMBING PERMITS	(45,000)
249-000-482-000	PLOT PLAN REVIEWS	(15,000)
249-000-484-000	BUILDING PLAN REVIEWS	(20,000)
249-000-484-001	FIRE SAFETY REVIEWS	(4,000)
249-000-695-000	MISCELLANEOUS REVENUE	(5,000)
	<b>TOTAL REVENUE</b>	<b>(703,550)</b>
<b>EXPENDITURES</b>		
249-000-706-001	SALARIES BLDG OFFICIAL	76,440
249-000-706-002	SALARIES CLERICAL	100,140
249-000-706-003	CONTRACT BLDG INSPECTORS	25,000
249-000-706-005	BLDG INSPECTOR	60,000
249-000-707-000	ELECTRICAL INSPECTOR	50,000
249-000-707-001	PLUMBING/MECHANICAL INSPECTOR	100,000
249-000-709-000	OVERTIME	20,000
249-000-715-000	SOCIAL SECURITY	19,650
249-000-716-000	HOSP & OPTICAL INSURANCE	81,645
249-000-717-000	GROUP LIFE INSURANCE	435
249-000-718-000	PENSION	10,010
249-000-718-001	HEALTH CARE SAVINGS PROGRAM	4,800
249-000-718-002	OPEB FUNDING	50,000
249-000-719-000	WORKERS COMP INSURANCE	4,220
249-000-722-000	UNEMPLOYMENT INSURANCE	685
249-000-724-000	DENTAL INSURANCE	4,240
249-000-727-000	OFFICE SUPPLIES	1,200
249-000-757-000	OPERATING SUPPLIES	2,400
249-000-801-000	PROFESSIONAL FEES	25,000
249-000-801-001	HR SERVICES	3,985
249-000-807-000	AUDIT FEES	3,000
249-000-853-000	CELLULAR PHONE	3,000
249-000-863-000	VEHICLE MAINTENANCE	1,500
249-000-864-000	CONFERENCES & MEETINGS	2,000
249-000-867-000	GASOLINE	2,000
249-000-910-000	INSURANCE	3,500
249-000-957-000	SUBSCRIPTIONS	200
249-000-958-000	MEMBERSHIPS & DUES	2,000
249-000-960-000	TRAINING	5,000
249-000-962-000	MISCELLANEOUS	500

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
249-000-971-000	TECHNOLOGY EQUIPMENT	6,000
249-000-977-000	EQUIPMENT ACQUISITIONS	35,000
	<b>TOTAL EXPENDITURES</b>	<b>703,550</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>WATER DEPARTMENT</b>		
<b>REVENUE</b>		
591-000-393-000	FUND BALANCE - DESIGNATED	(621,497)
591-000-445-000	PENALTIES	(8,000)
591-000-626-000	METERS	(10,000)
591-000-627-000	METER INSTALLATIONS	(2,000)
591-000-642-000	WATER	(950,000)
591-000-650-000	MISC SERVICE CHARGES	(3,000)
591-000-650-001	SPRINKLER SYSTEM	(2,500)
591-000-665-000	INTEREST EARNED	(2,000)
591-000-665-004	INTEREST - CAPITAL FUND	(8,000)
591-000-674-001	CONNECTION FEES	(220,000)
591-000-695-000	MISCELLANEOUS INCOME	(5,000)
591-000-699-000	SEWER ADMIN FEES	(145,000)
	<b>TOTAL REVENUES</b>	<b>(1,976,997)</b>
<b>EXPENDITURES</b>		
591-000-703-000	MANAGER SALARIES	87,470
591-000-706-000	WAGES CLERICAL	93,740
591-000-707-000	WAGES MAINTENANCE	178,000
591-000-707-001	WAGES PART TIME	10,000
591-000-707-002	WEEKEND ON CALL WATER OPERATOR	4,000
591-000-709-000	WAGES OVERTIME	5,000
591-000-715-000	SOCIAL SECURITY	26,100
591-000-716-000	HOSP & OPTICAL INSURANCE	117,290
591-000-717-000	GROUP LIFE INSURANCE	540
591-000-718-000	PENSION	19,370
591-000-718-001	HEALTH CARE SAVINGS PLAN	7,200
591-000-719-000	WORKERS COMP INSURANCE	12,050
591-000-720-000	OTHER POST RETIREMENT BENEFITS	70,000
591-000-722-000	UNEMPLOYMENT INSURANCE	1,620
591-000-724-000	DENTAL INSURANCE	6,630
591-000-727-000	OFFICE SUPPLIES	6,000
591-000-730-000	POSTAGE	2,500
591-000-740-000	OPERATING SUPPLIES	7,500
591-000-744-000	SAFETY GEAR AND CLOTHING	5,000
591-000-745-000	SYSTEM CHEMICALS	50,000
591-000-748-000	TESTING WATER SYSTEMS	10,000
591-000-750-000	OPERATING SUPPLIES METERS	100,000
591-000-750-001	OPERATING SUPP METER TRANSMITT	40,000
591-000-755-000	OPERATING SUPPLIES TOOLS	8,000
591-000-801-001	HR SERVICES	6,640
591-000-803-000	IRON FILTRATION EXPENSES	16,052
591-000-807-000	ACCOUNTING & AUDITING	4,000
591-000-818-000	CONTRACTED SERV COMPUTER	40,000
591-000-826-000	ATTORNEY FEES	3,000
591-000-853-000	TELEPHONE/CELL PHONE SERVICES	4,000
591-000-863-000	REPAIRS & MAINT VEHICLES	5,000



**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
591-000-867-000	GASOLINE/FUEL	6,000
591-000-903-000	LEGAL NOTICES	2,000
591-000-911-000	GENERAL LIAB INSURANCE	35,000
591-000-921-000	ELECTRICITY TOWER	1,000
591-000-921-001	ELECTRICITY TL	5,000
591-000-921-002	ELECTRICITY HILLVIEW	3,000
591-000-921-004	ELECTRICITY VILLAGE ACRES	40,000
591-000-921-006	ELECTRICITY GRASS LAKE	18,000
591-000-921-007	ELECTRICITY TOWER #2	1,000
591-000-921-008	ELECTRICITY-HURONDALE	1,500
591-000-921-010	ELECTRICITY 933 WILLIAMS-HURONDAL	500
591-000-923-001	GAS TWIN LAKES	1,000
591-000-923-002	GAS HILLVIEW	1,000
591-000-923-004	GAS GRASS LAKE	1,000
591-000-923-005	GAS VILLAGE ACRES-SATELITE RD	2,000
591-000-931-000	REPAIR & MAINT BLDG & EQUIP	275,000
591-000-931-001	GROUND MAINTENANCE	15,000
591-000-934-000	REPAIR & MAINT WATER SYSTEM	100,000
591-000-934-001	REPAIR & MAINT TOWER 1	25,000
591-000-934-002	REPAIR & MAINT TOWER 2	25,000
591-000-935-000	REPAIR METERS	2,000
591-000-958-000	DUES & MISC	5,000
591-000-960-000	EDUCATION & TRAINING	3,000
591-000-962-000	MISCELLANEOUS	1,000
591-000-968-000	DEPRECIATION WATER SYSTEM	320,000
591-000-969-000	DEPRECIATION & AMORTIZATION	35,000
591-000-976-000	BOND INTEREST-DWRF	15,625
591-000-976-005	BOND INTEREST NORDIC DR MAIN	1,050
591-000-977-000	VEHICLES	45,000
591-000-991-001	PRINCIPAL COPIER LEASE	1,515
591-000-995-001	WELLHEAD PROTECTION PROGRAM	41,840
591-000-995-002	INTEREST COPIER LEASE	265
591-000-995-000	MISC SERVICE CHARGES	1,000
	<b>TOTAL EXPENDITURES</b>	<b><u>1,976,997</u></b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>PARKS &amp; RECREATION</b>		
<b>REVENUE</b>		
208-000-393-000	FUND BALANCE - DESIGNATED	(329,229)
208-000-402-000	PARKS AND RECREATION TAX COLLECTI	(355,921)
208-000-652-000	FIELD RENTAL	(5,000)
208-000-665-000	INTEREST	(3,500)
	<b>TOTAL REVENUE</b>	<b>(693,650)</b>
<b>EXPENDITURES</b>		
208-000-710-000	FEE'S AND PER DIEM	2,000
208-000-715-000	SOC SEC & MEDICARE TAX	250
208-000-720-000	EVENT EXPENSES	2,000
208-000-801-000	PROFESSIONAL SERVICES	25,000
208-000-903-000	LEGAL PUBLICATIONS	250
208-000-910-000	INSURANCE	4,500
208-000-921-000	ELECTRIC JUDY HAWLEY PARK	1,000
208-000-921-001	ELECTRIC - VETTER PARK	1,000
208-000-922-000	UTILITIES- PARKS	3,300
208-000-931-001	GROUNDS MAINTENANCE	40,000
208-000-932-000	PARK EQUIPMENT	100,000
208-000-958-000	MEMBERSHIPS AND DUES	850
208-000-962-000	MISCELLANEOUS	1,000
208-000-972-000	M-59 PATHWAYS PROJECT	500,000
208-000-973-000	BLOOMER PARK IMPROVEMENTS	2,500
208-000-974-000	PARK IMPROVEMENTS	10,000
	<b>TOTAL EXPENDITURES</b>	<b>693,650</b>
<b>RUBBISH FUND</b>		
<b>REVENUES</b>		
226-000-665-000	INTEREST INCOME	(250)
226-000-665-001	INTEREST INCOME-TAX FUND	(250)
226-000-672-000	TAX COLLECTION-RUBBISH	(1,937,211)
	<b>TOTAL REVENUES</b>	<b>(1,937,711)</b>
<b>EXPENDITURES</b>		
226-528-801-000	RUBBISH EXPENDITURE	1,844,963
226-528-802-001	ADMINISTRATION FEE-GARBAGE	92,748
	<b>TOTAL EXPENDITURES</b>	<b>1,937,711</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>PA 188</b>		
<b>REVENUES</b>		
245-000-393-000	FUND BALANCE - DESIGNATED	(24,300)
245-000-627-006	SAD COLLECTIONS - SEWER CONN S400:	(4,400)
245-000-627-008	SAD COLLECTIONS-SEW CONN S4004	(10,700)
245-000-627-009	SEWER COLLECTIONS-SEW CONN S4005	(4,330)
245-000-627-010	SAD COLLECTIONS GRASS LK AUG WELL	(12,920)
245-000-627-011	SAD COLLECTIONS S4007	(2,040)
245-000-629-000	EMERGENCY SAD INELIGIBLE COST REVE	(10,000)
245-000-630-000	CASTLEWOOD SEWER CONN S4006	(8,735)
245-000-630-001	SAD COLLECTIONS SETTLER'S POINTE	(9,825)
245-000-630-002	SAD COLLECTIONS SEW CONN 2019-01	(6,570)
245-000-630-003	SAD COLLECTIONS SEW CONN S4009	(1,965)
245-000-664-000	INTEREST INCOME BANK	(200)
245-000-665-006	INTEREST INCOME - SEWER CONN S400:	(695)
245-000-665-008	INTEREST INCOME-S4004	(2,310)
245-000-665-009	INTEREST INCOME - SEW CONN S4005	(1,195)
245-000-665-010	INTEREST INCOME-GRASS LK AUG WELL	(3,390)
245-000-665-012	INTEREST INCOME-CASTLEWOOD	(2,970)
245-000-665-013	INTEREST INCOME SETTLER'S POINTE	(4,690)
245-000-665-014	INTEREST INCOME SEW CONN 2019-1	(3,135)
245-000-665-015	INTEREST INCOME SEW CONN S4009	(940)
245-000-665-011	INTEREST INCOME -SEW CONN S4007	(690)
	<b>REVENUES</b>	<b>(116,000)</b>
<b>EXPENDITURES</b>		
245-900-972-006	SAD SEWER CONNECTS	100,000
245-900-972-011	DEBT SERVICE GRASS LK AUG WELL	16,000
	<b>TOTAL EXPENDITURES</b>	<b>116,000.00</b>
<b>IMPROVEMENT REVOLVING FUND</b>		
246-000-393-000	FUND BALANCE - DESIGNATED	(91,000)
246-000-627-000	CONNECTION FEES-WESTERN DISTRICT	(10,000)
246-000-665-000	INTEREST INCOME	(4,000)
246-000-970-005	CAPITAL OUTLAY-NEW TWP HALL	100,000
246-000-998-000	COMMERCE CONN FEES-WESTERN DIST	5,000
	<b>TOTAL IMPROVEMENT REVOLVING F</b>	<b>0</b>
<b>DRUG FORFEITURE</b>		
265-000-393-000	FUND BALANCE - DESIGNATED	5
265-000-393-001	STATE DESIGNATED FUND BALANCE	40
265-000-393-002	OWI DESIGNATED FUND BALANCE	5
265-000-665-000	INTEREST INCOME	(50)
	<b>TOTAL DRUG FORFEITURE</b>	<b>0</b>

**WHITE LAKE TOWNSHIP  
2021 BUDGET**

<b>GL NUMBER</b>	<b>DESCRIPTION</b>	<b>BUDGET 2021</b>
<b>CDBG</b>		
274-000-683-000	CDBG REVENUE	(67,600)
274-000-801-000	SENIOR SERVICES	8,800
274-000-801-001	PUBLIC SERVICES	8,800
274-000-801-002	MINOR HOME REPAIR	50,000
	<b>TOTAL CDBG</b>	<b>0</b>
<b>SEWER MAINTENANCE</b>		
<b>REVENUE</b>		
296-000-393-000	FUND BALANCE - DESIGNATED	(289,400)
296-000-539-000	SAW GRANT	(85,000)
296-000-628-000	SEWER MAINTENANCE FEE REVENUE	(15,000)
296-000-629-000	SEWER OPERATING REVENUE	(120,000)
296-000-630-000	OAK COUNTY REVENUE COLLECTIONS	(1,900,000)
296-000-665-000	INTEREST INCOME	(600)
	<b>TOTAL REVENUE</b>	<b>(2,410,000)</b>
<b>EXPENDITURES</b>		
296-000-851-000	REPAIRS AND MAINTENANCE	250,000
296-000-851-001	OAK COUNTY EXPENSES	1,900,000
296-000-998-000	ADMINISTRATIVE COSTS	200,000
296-536-801-000	PROFESSIONAL FEES	60,000
	<b>TOTAL EXPENDITURES</b>	<b>2,410,000</b>

**CHARTER TOWNSHIP OF WHITE LAKE  
OAKLAND COUNTY, MICHIGAN  
RESOLUTION #20-035**

That the following Resolution be adopted:

**2021 GENERAL APPROPRIATIONS ACT**

A resolution to establish a general appropriations act for the Charter Township of White Lake; to define the powers and duties of the Charter Township of White Lake officers in relation to the administration of the budget; and to provide remedies for refusal or neglect to comply with the requirements of this resolution.

**The Board of Trustees of the Charter Township of White Lake resolves:**

**Section 1: Title**

This resolution shall be known as the Charter Township of White Lake's General Appropriations Act.

**Section 2: Chief Administration Officer**

The Supervisor shall be the Chief Administrative Officer and Budget Director and shall perform the duties of the Chief Administrative Officer and Budget Director as enumerated in this act.

**Section 3: Fiscal Officer**

The Clerk shall be the Fiscal Officer and shall perform the duties of the fiscal Officer enumerated in this act.

**Section 4: Public Hearings on the Budget**

For charter townships: Pursuant to MCLA 42.26, notice of public hearing on the proposed budget was published in a newspaper of general circulation on September 16, 2020 and a public hearing on the proposed budget was held on September 23, 2020.

**Section 5: Estimated Revenues**

The 2021 estimated tax revenues to the Charter Township of White Lake, including an allocated millage, voter-authorized millages and miscellaneous revenues are as follows: General Fund, \$5,315,464; Fire Millage Fund, \$3,425,889; Police Millage Fund, \$5,729,160, Building Fund, \$618,460; Parks and Recreation Fund, \$364,421; Rubbish Fund, \$1,937,211, PA 188 Fund, \$91,700; Improvement Revolving Fund, \$105,000; Drug Forfeiture Fund, \$50.00; CDBG Fund, \$67,600; Sewer Maintenance Fund, \$2,120,600; and the Water Enterprise Fund System, \$1,355,500

**Section 6: Millage Levy**

The 2021 estimated tax revenues to the Township General fund, including an allocated millage of 0.9278 mills and voter-authorized millages for Police fund 4.5386 mills, Fire Fund 2.7852 mills and Parks & Recreation Fund 0.2921 total millage rate 8.5437 will generate revenues of \$10,606,493.

**Section 7: Estimated Expenditures**

Estimated township general fund expenditures for fiscal year 2021 for the various township activities are as follows: General Fund, \$5,584,420; Fire Millage Fund, \$4,266,915; Police Millage Fund, \$6,268,350; Building Fund, \$703,550; Parks and Recreation Fund, \$693,650; Rubbish Fund, \$1,937,711; PA 188 Fund, \$116,000; Improvement Revolving Fund, \$105,000; Drug Forfeiture Fund, \$0; CDBG Fund, \$67,600; Sewer Maintenance Fund, \$2,410,000 and the Water Enterprise Fund System, \$1,976,997.

**Section 8: Adoption of Budget by Reference**

The budgets of the Charter Township of White Lake is hereby adopted by reference, with revenues and activity expenditures as indicated in Sections 5 and 7 of this act.

**Section 9: Adoption of Budget by Cost Center**

The Board of Trustees of the Charter Township of White Lake adopts the 2021 fiscal year budget by cost center. Township officials responsible for the expenditures authorized in the budget may expend township funds up to, but not to exceed, the total appropriation authorized for each cost center, and may make transfers among the various line items contained in the cost center appropriation. However, no transfers of appropriation for line items related to personnel, wages and benefits, or capital outlays may be made without prior board approval by budget amendment.

**Section 10: Appropriation not a Mandate to Spend**

Appropriations will be deemed maximum authorizations to incur expenditures. The fiscal officer shall exercise supervision and control to ensure that expenditures are within appropriations, and shall not issue any town order for expenditures that exceed appropriations.

**Section 11: Periodic Fiscal Reports**

The fiscal officer shall transmit to the board at the end of each month, a report of financial operations, including, but not limited to:

- a. a summary statement of the actual financial condition of the general fund at the end of the previous month.
- b. a summary statement showing the receipts and expenditures for the previous month and for the current fiscal year to the end of the previous month.

c. a detailed list of:

- i. expected revenues by major source as estimated in the budget; actual receipts to date for the current fiscal year; the balance of estimated revenues to be collected in the current fiscal year; and any revisions in revenue estimates resulting from collection experience to date.
- ii. For each cost center; the amount appropriated; the amount charged to each appropriation in the previous month for the current fiscal year; any revisions in the estimate of expenditures.

**Section 12: Limit on Obligations and Payments**

No obligation shall be incurred against, and no payment shall be made from any appropriation account unless there is a sufficient balance in the appropriation and sufficient funds are or will be available to meet the obligation.

The Budget Director and Fiscal Officer together are hereby authorized to approve all requisitions and payments of bills that are within the budget appropriations, not to exceed Ten Thousand Dollars (\$10,000) per item without concurrent action by the Township Board, excepting the utility bills, fuel bills, payroll, payroll related items and payments on contractual agreements shall not be subject to the \$10,000 limitation.

A list of disbursements for all funds indicating the check number, the payee and amount paid shall be prepared monthly and furnished to the Township Board Members.

**Section 13: Budget Monitoring**

Whenever it appears to the Chief Administrative Officer or the Township Board that the actual and probable revenues in any fund will be less than the estimated revenues upon which appropriations from such fund were based, and when it appears that expenditures shall exceed an appropriation, the Chief Administrative Officer shall present to the township board recommendations to prevent expenditures from exceeding available revenues or appropriations for the current fiscal year. Such recommendations shall include proposals for reducing appropriations, increasing revenues, or both.

**Section 14: Violation of This Act**

Any obligation incurred or payment authorized in violation of this resolution shall be void and shall subject any responsible official(s) or employee(s) to disciplinary action as outlined in P.A. 621 (1978).

**Section 15: Board Adoption**

Motion made by \_\_\_\_\_, seconded by \_\_\_\_\_ to adopt the foregoing resolution. Upon roll call vote, the following voted:

Ayes:

Nays:

Absent:

The Supervisor declared the motion carried and the resolution duly adopted on the 20th day of October, 2020.

**Resolution Declared Adopted.**

STATE OF MICHIGAN     )  
  ) ss.  
COUNTY OF OAKLAND    )

I, the undersigned duly qualified Township Clerk of the Charter Township of White Lake, Oakland County, Michigan, do hereby certify the foregoing is a true and complete copy of the proceedings taken by the Township Board of the Charter Township of White Lake at a meeting held on the 20th day of October, 2020.

CHARTER TOWNSHIP OF WHITE LAKE

---

Terrence Lilley, CMC, CMMC





**CHARTER TOWNSHIP OF WHITE LAKE  
TOWNSHIP BOARD SALARIES  
RESOLUTION  
#20-035**

Motion by:  
Seconded by:  
Ayes:  
Nays:  
Absent:

That the following Resolution be adopted:

**BE IT HEREBY RESOLVED**, that the White Lake Township Board hereby established base salary for 2021 reflected as follows:

Supervisor	\$89,234.00
Clerk	\$82,893.00
Treasurer	\$82,893.00
Trustee	\$ 9,721.00

Adopted by the White Lake Township Board at a special board meeting held on the 20th day of October, 2020.

---

Terrence E. Lilley, CMC, CMMC  
White Lake Township  
Oakland County, Michigan

CHARTER TOWNSHIP OF WHITE LAKE  
STATE OF MICHIGAN  
COUNTY OF OAKLAND

RESOLUTION TO SUPPORT LEGISLATION TO REDUCE  
THE SPEED LIMIT ON UNIMPROVED ROADS

RESOLUTION 20-034

At a regular meeting of the Township Board of the Charter Township of White Lake, Oakland County, Michigan, held via Zoom in accordance with Executive Order 2020-154, on the 20th day of October, 2020, at 7:00 p.m.

PRESENT: \_\_\_\_\_

ABSENT: \_\_\_\_\_

The following preamble and resolution was offered by \_\_\_\_\_ and  
seconded by \_\_\_\_\_.

**WHEREAS**, more than 750 miles of the 2,700-plus miles of the Road Commission for Oakland County's (RCOC) roads are not paved; and

**WHEREAS**, under MCL 42.15, Charter Townships may enact ordinances considered necessary to provide for the public peace and health and for the safety of persons and property in the Charter Township; and

**WHEREAS**, a safe and efficient transportation system is essential to commerce and daily activities and represents a significant health and safety concern; and

**WHEREAS**, pursuant to MCL 257.627 of the Michigan Vehicle Code, the speed limit on county highways with a gravel or unimproved surface is 55 mph; and

**WHEREAS**, currently a Township located within a county with a population of 1,000,000 or more, may request the County Road Commission to reduce the speed limit to 45 mph on a gravel road; however, if a Township requests a speed limit below 45 mph on an unpaved road, the County Road Commission must conduct a speed study with the Michigan State Police "for the purpose of establishing a modified speed limit;" and

**WHEREAS**, in the absence of sidewalks, residents of White Lake Township use local and primary gravel roads for bicycling, walking, running, dog walking, and horseback riding; and

**WHEREAS**, the current unposted speed limit of 55 miles per hour on gravel roads within Oakland County can be an unsafe speed to be traveling according to the width, curves, bumps, hills, and poor sight distance found on gravel roads; and





Rik Kowall, Supervisor  
Terry Lilley, Clerk  
Mike Roman, Treasurer



Trustees  
Scott Ruggles  
Michael Powell  
Andrea C. Voorheis  
Liz Fessler Smith

## WHITE LAKE TOWNSHIP DEPARTMENT OF PUBLIC SERVICES

7525 Highland Road , White Lake, Michigan 48383-2900, (248) 698-3300 Ext 8, [www.whitelaketwp.com](http://www.whitelaketwp.com)

October 8, 2020

Honorable Board of Trustees  
Charter Township of White Lake  
7525 Highland Rd.  
White Lake, MI 48383

### RE: DPS 2021 Ram Promaster Van Purchase

Dear Board of Trustees,

The DPS has received pricing from three (3) local dealerships along with the MSRP pricing for a 2021 Ram Promaster 2500 high roof cargo van to replace the 2012 GMC Savana. Below is a breakdown of the attached vehicle pricing by dealership:

- Szott M-59 Chrysler Jeep - **\$34,499 (\$500 above cost)**
- Golling Chrysler-Bloomfield Hills - \$36,883
- LaFontaine Chrysler Jeep Ram-Fenton - \$38,034

The MSRP pricing for the van is \$40,975.

**I recommend that the Township Board approve the purchase of a 2021 Ram Promaster cargo van from Szott.**

The vehicle purchase was included in the 2021 DPS budget. We are being told that this vehicle will take approx. five months to deliver. Once approval is received, we will need to give Szott a deposit so the vehicle can be ordered. We are still working on pricing interior rack systems and safety lighting for the van. We will bring that pricing to the Board when available if required. I expect that pricing to be approx. \$10,000.

Sincerely,

A handwritten signature in black ink, appearing to read "A. D. Potter".

Aaron D. Potter  
Director, Dept. of Public Services  
Charter Township of White Lake



## WHITE LAKE DPS VEHICLE PRICE COMPARISON

SZOTT M-59 CHRYSLER JEEP (Jeff Schneider - 877-245-9085) Jeff's cell: 248-866-2442

DESCRIPTION	Year	Make	Model	Awarded Dealer	Szott Deal \$	Notes
VAN: CARGO VAN BODY, THREE-QUARTER TON	2021	RAM	2500 CARGO VAN, HIGH ROOF, 159 WB	Szott M-59 Chrysler Jeep	\$34,499.00	\$500 Above Their Cost-Will Take 5 Months To Order

GOLLING CHRYSLER-BLOOMFIELD HILLS (Bryan McClennen - 248-392-2173)

DESCRIPTION	Year	Make	Model	Awarded Dealer	Golling Deal \$	Notes
VAN: CARGO VAN BODY, THREE-QUARTER TON		RAM	2500 HIGH ROOF CARGO VAN	Golling Chrysler - Bloomfield Hills	\$36,883.00	Will need a \$500 deposit to order vehicle

LAFONTAINE CHRYSLER DODGE JEEP RAM-FENTON (Napoleon Jackson-810-936-0284)

DESCRIPTION	Year	Make	Model	Awarded Dealer	LaFontaine Deal \$	Notes
VAN: CARGO VAN BODY, THREE-QUARTER TON	2021	RAM	2500 HIGH ROOF CARGO VAN	LaFontaine Chrysler Dodge Jeep RAM - Fenton	\$38,034.00	

MSRP

DESCRIPTION	Year	Make	Model	Awarded Dealer	MI Deal \$	Notes
VAN: CARGO VAN BODY, THREE-QUARTER TON	2021	RAM	2500 HIGH ROOF CARGO VAN		\$40,975.00	Includes: Wood Floor, 220-Amp Alternator, Heavy-Duty Suspension

SZOTT M-59 DODGE, LLC  
 2565 HIGHLAND  
 HIGHLAND, MI 483562725

Configuration Preview

Date Printed: 2020-09-18 4:39 PM  
 Estimated Ship Date:

VIN:  
 VON:

Quantity: 1  
 Status: BA - Pending order  
 FAN 1: 01B68 White Lake Township  
 FAN 2:  
 Client Code:  
 Bid Number: TB1071  
 PO Number:

Sold to:  
 SZOTT M-59 DODGE, LLC (44831)  
 2565 HIGHLAND  
 HIGHLAND, MI 483562725

Ship to:  
 SZOTT M-59 DODGE, LLC (44831)  
 2565 HIGHLAND  
 HIGHLAND, MI 483562725

Vehicle: 2021 2500 CARGO VAN HIGH ROOF (159 IN WB) (VF2L16)

	Sales Code	Description	MSRP(USD)	FWP(USD)
Model:	VF2L16	2500 CARGO VAN HIGH ROOF (159 IN WB)	37,090	35,515
Package:	21A	Customer Preferred Package 21A	0	0
	ERB	3.6L V6 24V VVT Engine	0	0
	DG2	6-Speed Automatic 62TE Transmission	0	0
Paint/Seat/Trim:	PW7	Bright White Clear Coat	0	0
	APA	Monotone Paint	0	0
	*B7	Vinyl Bucket Seats	200	180
	-X9	Black	0	0
Options:	CTE	Mopar Side Wall Paneling U & L	295	266
	LDB	Rear Cargo LED Lamp	125	113
	4DH	Prepaid Holdback	0	-1,197
	GLB	Rear Hinged Doors w/Fixed Glass	345	310
	4ES	Delivery Allowance Credit	0	-370
	JKP	12V Rear Auxiliary Power Outlet	45	40
	MAF	Fleet Purchase Incentive	0	0
	CMG	Side Wall Paneling Lower	0	0
	XAA	ParkSense Rear Park Assist System	295	266
	LHL	Auxiliary Switches	145	130
	YEP	Manuf Statement of Origin	0	0
	CME	Wood Floor	445	400
	MKN	MOPAR Splash Guards - Vehicle Set	215	193
	CCK	Mopar Slush Mat Front Walk Thru	150	136
	BAJ	220 Amp Alternator	295	266
	GFA	Rear Window Defroster	195	176
	LMK	Daytime Running Headlamps	75	68
	5N6	Easy Order	0	0
	4FM	Fleet Option Editor	0	0
	4FT	Fleet Sales Order	0	0
	142	Zone 42-Detroit	0	0
	4EA	Sold Vehicle	0	0
Non Equipment:	4FA	Special Bid-Ineligible For Incentive	0	0
Bid Number:	TB1071	Government Incentives	0	-4,200
Discounts:	YGV	4.5 Additional Gallons of Gas	0	12
Destination Fees:			1,695	1,695
<b>Total Price:</b>			<b><u>41,610</u></b>	<b><u>33,999</u></b>

Note: This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.

Order Type: Fleet PSP Month/Week:  
Scheduling Priority: 1-Sold Order Build Priority: 99  
Salesperson:  
Customer Name:  
Customer Address: USA  
Instructions:

**Note:** This is not an invoice. The prices and equipment shown on this priced order confirmation are tentative and subject to change or correction without prior notice. No claims against the content listed or prices quoted will be accepted. Refer to the vehicle invoice for final vehicle content and pricing. Orders are accepted only when the vehicle is shipped by the factory.



DeBra - White Lake  
248-698-7700

GOLLING CHRYSLER DODGE JEEP RAM, INC.  
2405 S TELEGRAPH RD  
BLOOMFIELD HILLS, MI 483020256

Configuration Preview

Date Printed: 2020-09-21 12:25 PM VIN: Quantity: 1  
Estimated Ship Date: VON: Status: BA - Pending order

Sold to: GOLLING CHRYSLER DODGE JEEP RAM, INC. (67243)  
2405 S TELEGRAPH RD  
BLOOMFIELD HILLS, MI 483020256  
Ship to: GOLLING CHRYSLER DODGE JEEP RAM, INC. (67243)  
2405 S TELEGRAPH RD  
BLOOMFIELD HILLS, MI 483020256

Vehicle: 2021 2500 CARGO VAN HIGH ROOF (159 IN WB) (VF2L16)

	Sales Code	Description	MSRP(USD)
Model:	VF2L16	2500 CARGO VAN HIGH ROOF (159 IN WB)	37,090
Package:	21A	Customer Preferred Package 21A	0
	ERB	3.6L V6 24V VVT Engine	0
	DG2	6-Speed Automatic 62TE Transmission	0
Paint/Seat/Trim:	PW7	Bright White Clear Coat	0
	APA	Monotone Paint	0
	*B7	Vinyl Bucket Seats	200
	-X9	Black	0
Options:	GLB	Rear Hinged Doors w/Fixed Glass	345
	LCP	MOPAR Cargo Area Lighting - LED	285
	GFA	Rear Window Defroster	195
	JKP	12V Rear Auxiliary Power Outlet	45
	CCK	Mopar Slush Mat Front Walk Thru	150
	XAA	ParkSense Rear Park Assist System	295
	LHL	Auxiliary Switches	145
	CTE	Mopar Side Wall Paneling U & L	295
	CME	Wood Floor	445
	5N6	Easy Order	0
	142	Zone 42-Detroit	0
	4EX	Sales Tracking	0
Discounts:	YGV	4.5 Additional Gallons of Gas	0
Destination Fees:			1,695

HB: 1,185 Total Price: 41,185

Sale Price  
\$36,883 Plus Tax  
Brian McClennen  
248-409-2321  
Thank you





Date/Time: 9/25/2020 4:20:19 PM

2020 Ram Truck Promaster 3dr Van 3500 159wb Ext High  
Roof

No Photo  
Available

MSRP/Retail	\$41,610.00
Family Deal Discount	\$3,844.00
Family Deal Price	\$37,766.00
Documentation Fee	\$220.00
Title & Reg Fees	\$48.00
Total Taxes	0.00
Accessories	0.00
Service Contract	0.00
Gap	0.00
Trade Allowance	0.00
Trade Payoff	0.00
Cash Down	0.00
Amount Financed	\$38,034.00

Payments are estimates based on credit approval, program eligibility, and manager acceptance.

X \_\_\_\_\_  
Customer Signature                      Date

X \_\_\_\_\_  
Manager Signature                      Date



# Summary



NET PRICE

**\$40,475**

FINANCE ESTIMATE

**\$583** monthly for 72 months

LEASE ESTIMATE

**\$562** monthly for 48 months







## EXTERIOR

**Exterior Colors:** Bright White Clear-Coat Exterior Paint \$0

**Monotone Exterior Colors:** Monotone Paint \$0

**Exterior Design:** Splash Guard Vehicle Set by Mopar® \$215

**Wheels:** 16-Inch x 6.0-Inch Steel Wheels \$0

**Tires:** LT225/75R16E BSW All-Season Tires \$0

**Doors:** Rear Hinged Doors with Fixed Glass \$345

**Additional Exterior Features:** ParkSense® Rear Park-Assist System \$295



# INTERIOR

Interior Colors: Black Interior Color \$0

Two-Passenger Seating: Vinyl Bucket Seats \$200

Sound Systems: Uconnect® 3 with 5-Inch Display \$0

Windows & Locks: Rear Window Defroster \$195

Floor Mats: Slush Mat Front Walk Thru by Mopar® \$150

Interior Design: Wood Floor \$445

Additional Interior Features: Auxiliary Switches \$145

Additional Interior Features: Side Wall Paneling Lower \$195

Additional Interior Features: 12-Volt Rear Auxiliary Power Outlet \$45

Additional Interior Features: LED Cargo Area Lighting by Mopar® \$285

Additional Interior Features: Side Wall Paneling Upper and Lower \$295

Safety & Security Systems: Daytime Running Headlamps \$75

# POWERTRAIN

Engine: 3.6L V6 24V VVT Engine \$0

Transmissions: 6-Speed Automatic 62TE Transmission \$0

GVWR Packages: GVW Rating - 8,900 Pounds \$0

Suspension: Heavy-Duty Suspension \$0


Alternators: 220-Amp Alternator \$295

**WHITE LAKE TOWNSHIP**

***COMMUNITY DEVELOPMENT DEPARTMENT***

**DATE:** October 6, 2020

**TO:** Rik Kowall, Supervisor  
Township Board of Trustees

**FROM:** Sean O'Neil, Planning Director 

**SUBJECT:** West Valley (File #18-027)

---

As you may recall, the West Valley development project (west of Union Lake Road, across from Carpathian Drive) received Preliminary Site Plan Approval for 69 apartment units at the Township Board meeting held on April 16, 2019. Article 6.8 of Zoning Ordinance No. 58 states that Preliminary Site Plan Approval is valid for one (1) year. It does allow the Township Board to grant a one (1) year extension upon recommendation by the Director of the Community Development Department. At this time the applicant, Mr. Jason Emerine, on behalf of JMF White Lake LLC, is requesting an extension. I would ask that you consider this request at your October 20<sup>th</sup> meeting. If granted, the new expiration date for West Valley's Preliminary Site Plan would be April 16, 2021, which equates to a one (1) year extension based on the original approval date.

After reviewing the attached letter from Mr. Emerine, dated September 30, 2020, I would recommend that you approve the one (1) year extension request. The applicant will be required to comply with all of the ordinances in effect at the time they submit plans for Final Site Plan Approval. For your reference, I have also included the meeting minutes from your April 16, 2019 meeting as well as a simple site plan layout. Please contact me if you have any questions or require additional information.

Thank you.



***SEIBER, KEAST ENGINEERING, LLC***

*CONSULTING ENGINEERS*

*Robert J. Emerine, P.E.  
Jason M. Emerine, P.E.*

*100 MainCentre  
Suite 10  
Northville, Michigan 48167  
(248) 308-3331*

September 30, 2020

Sean O'Neil, AICP  
Planning Director  
Charter Township of White Lake  
7525 Highland Road  
White Lake, MI 48383

**RE: *West Valley – Preliminary Site Plan – Request for 1 Year Extension***  
**White Lake Twp. File No. 18-027; SKE Job Number 17-031**

Dear Mr. O'Neil,

On behalf of the Applicant, JMF White Lake LLC, Seiber, Keast Engineering, LLC (“SKE”) respectfully requests the White Lake Township Board (“Board”) to extend the Preliminary Site Plan approval for West Valley by one year from April 16, 2020 to April 16, 2021. When considering this request, the Applicant would like the Board to consider the following:

1. The Applicant purchased the property, project, and approvals from Stulberg White Lake Investments, LLC in the fall of 2019.
2. The Applicant had intended on acquiring approvals from White Lake Township for the Lake Pointe development and obtain all approvals from the various agencies concurrently.
3. During the preparation of the Lake Pointe engineering construction plans, the COVID-19 Pandemic delayed both projects.
4. The applicant still intends on submitting the Final Site Plan to White Lake Township for both projects simultaneously. The applicant also wishes to obtain all permits from various agencies simultaneously.
5. Should the Township Board grant the Preliminary Site Plan extension, the applicant intends on submitting Final Site Plans and obtaining Final Site Plan approval prior to the extended Preliminary Site Plan expiration date of April 16, 2021.

*West Valley Preliminary Site Plan – 1 Year  
Extension Request*  
September 30, 2020



Please feel free to contact me at 248-308-3331 or [je@seiberkeast.com](mailto:je@seiberkeast.com) should you have any questions.

Sincerely,

**SEIBER, KEAST ENGINEERING, LLC**

A handwritten signature in black ink, appearing to read 'Jason M. Emerine', written in a cursive style.

Jason M. Emerine, P.E

cc: Michael Furnari, JMF White Lake, LLC (via email only)



Clerk Lilley reminded that the Board approved \$40,000 for PC hardware and this request is for an additional \$14,000 for software. Bringing the total to approximately \$54,000, which includes equipment and software installation.

**It was MOVED by Treasurer Roman, SUPPORTED by Trustee Voorheis to approve software not to exceed \$13,500 from IT Right. The MOTION PASSED by voice vote (7 yes votes).**

#### **C. PUBLIC SAFETY ADMINISTRATIVE APPOINTEE(S) WAGE CLASSIFICATION**

Supervisor Kowall noted that in review of wages paid to the Township chiefs in comparison to neighboring communities, White Lake is on the lower end of the scale. He believes their wages need to rise in order to attract and retain quality people. It has been more than 15 years since this salary scale has had a direct comparison study. That is not to say they haven't had any raises in that time, but that the scale has not been increased. Their increases have mirrored the Union Contract with 2% inflation.

Further it was confirmed that Chief Keller is willing to waive his longevity for the increases. It would be prorated and Human Resources will do the calculations. All new employees will fall within the new scale and language shall be included accordingly.

**It was MOVED by Treasurer Roman, SUPPORTED by Trustee Smith to approve the proposed wage scale for police and fire chief and that longevity pay no longer applies. The MOTION PASSED by voice vote (7 yes votes).**

#### **D. PRELIMINARY SITE PLAN; WEST VALLEY**

Sean O'Neil indicated this property is located on the west side of Union Lake Road, across from Carpathian Drive, and north of Cooley Lake Road, consisting of approximately 15 acres. Identified as parcel 12-36-176-003. Currently zoned as (RM-1) Attached Single Family.

The above request is now ready for Township Board Consideration. The matter was considered by the Planning Commission at their regular meeting of March 21, 2019. At that time, the Planning Commission recommended Preliminary Site Plan Approval subject to addressing conditions of staff and consultants.

This is a 69-unit project with municipal water and sewer systems. It is necessary to have a secondary access for emergencies, which will be a gated entrance and will tie into an existing driveway. There is one property owner, Ms. Jackson, that is the most impacted neighbor with the basin fencing and secondary access. It was noted that she is okay with the fencing being moved to as close to the basin as possible. Cliff Sieber stated that he has spoken with the property owner and the developer will pave the property owner's driveway up to her garage. Understanding that the property owner would prefer no change in the woods and property, Mr. O'Neil declared that the goal is to minimize the impact as much as possible.



Trustee Powell addressed the width of the sidewalks, their proximity to the roads and to the driveways. He suggested the sidewalks be widened to avoid the cars parking on them and also a six-inch rise to avoid cars rolling onto the sidewalks. Mr. O'Neil agreed to note these changes. Trustee Powell furthered that he is very pleased with the sidewalk width along Union Lake Road and questioned who is the owner of the land to the south-east, as he believes that if an easement could be obtain it would benefit residents in getting to downtown Union Lake. He would like to see a loop on the north-west end to provide future access. He identified a benefit to the sidewalks and driveways being of different material to separate and remind cars and pedestrians to look.

Mary Early, 5925 Pineridge Court. She asked at the Planning Commission meeting if within this development one unit would be a management office. She learned there would not be and that they would not have street lights, but lights outside the garage doors. She wants to know who is going to maintain the property so that it doesn't lead to degradation and crime.

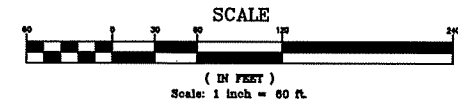
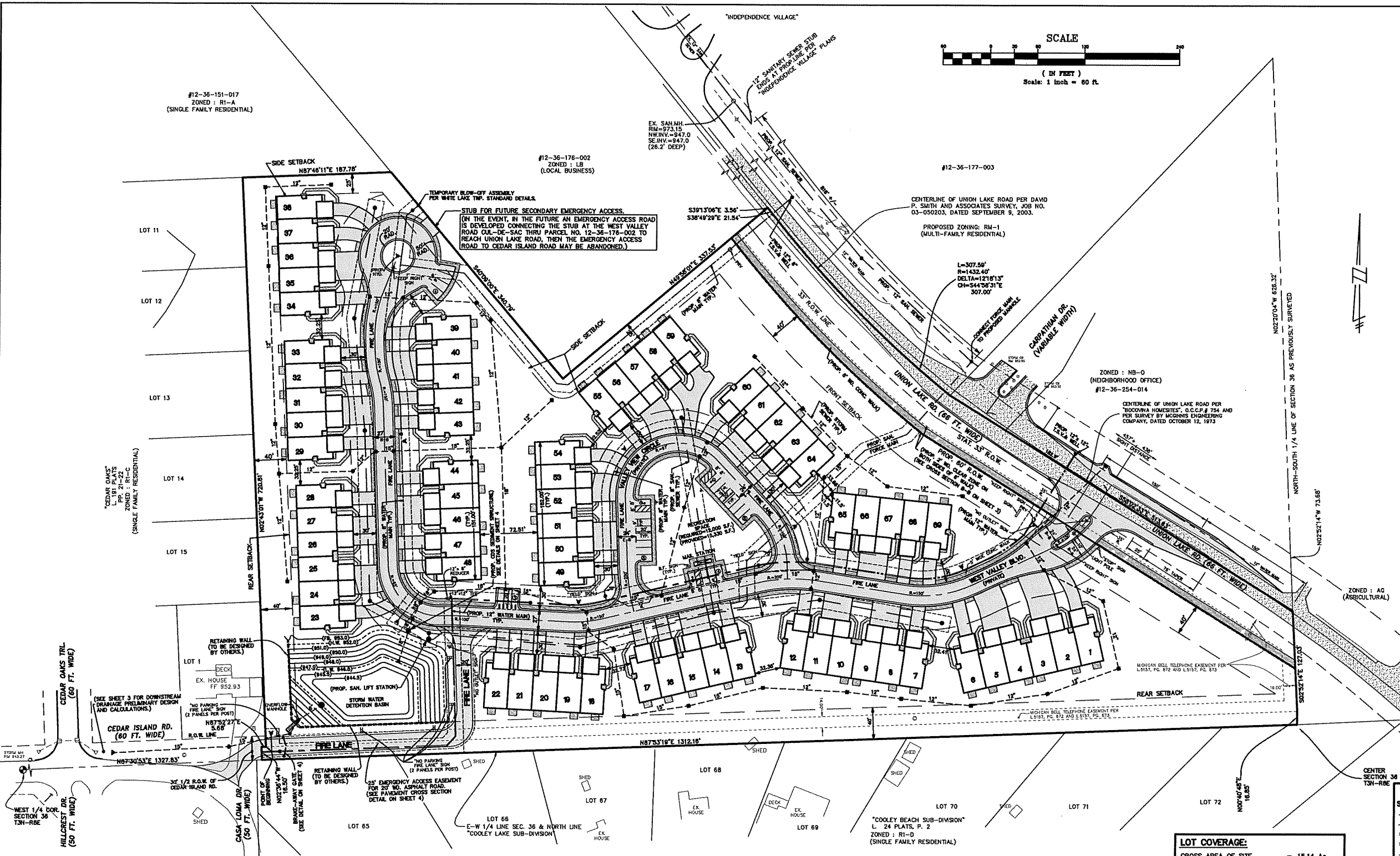
**It was MOVED by Clerk Lilley, SUPPORTED by Trustee Powell to approve the Preliminary Site Plan subject to staff and consultant comments, including the recent meeting that took place with Ms. Jackson that resolved the fire hydrant, fencing and driveway issue, and to include additions as discussed by the Board as directed by the Planning Department. The MOTION PASSED by voice vote (7 yes votes).**

#### **E. SUEZ FERAZUR PILOT STUDY AGREEMENT FOR ASPEN MEADOWS IRON FILTRATION PLANT**

Aaron Potter indicated that DPS is seeking permission from the Board to commission the piloting of the Ferzazur iron removal process for Aspen Meadows Wellhouse. There are two quotes for the pilot study, one for the pilot itself and one for the engineer's time. Glenn Hummel with HESCO, will assist in assembling the pilots at not costs.

The process is a biological iron removal process discovered in the 1970's. The process uses naturally occurring ground water bacteria. The bacteria, through an enzyme process, absorb a component of the iron molecule as a nutrient and the precipitate is a solid iron. The process is very efficient and has been piloted and studied in Waterford Township. It is very high fluoride filter which leads to a smaller footprint, smaller equipment costs. You are left with a clean iron free effluent that requires very little chlorine to make it safe to drink. DPS believes this is a good, low-cost option for the Township. This would be a two-month pilot.

Treasurer Roman questioned what percentage of total water users will this new plant help. Mr. Potter answered that the average daily demand with this plant could provide 100% of the township with **nearly** iron free water. During peak demand it is close to six times the average factor, but would still require the use of the other plants.



- NOTES**
- ON-SITE SANITARY SEWERS, AND WATER MAINS SHALL BE CENTERED IN A 20-FOOT W.D. EASEMENT.
  - ALL SANITARY AND WATER MAIN IMPROVEMENTS WILL BECOME PUBLIC PROPERTY.
  - CRITICAL STORM STRUCTURES WILL BE FITTED WITH TRAPS.
  - PROVISIONS PURSUANT TO OAKLAND COUNTY WATER RESOURCE COMMISSION SOIL EROSION CONTROL MANUAL WILL BE UNDERTAKEN INCLUDING, BUT NOT LIMITED TO, SILT FENCE AND INLET FILTERS.
  - "NO PARKING - FIRE LANE" SIGNAGE SHALL BE INSTALLED PROHIBITING PARKING ON ONE SIDE OF THE STREET.
  - PROPOSED GRADES WILL MATCH EXISTING ELEVATIONS AT THE PROPERTY LINE UNLESS RETAINING WALLS ARE PROVIDED OR GRADING EASEMENTS OBTAINED.
  - A PERMIT FROM THE ROAD COMMISSION FOR OAKLAND COUNTY WILL BE REQUIRED FOR ALL WORK IN THE UNION LAKE RD. & CEDAR ISLAND RD. RIGHT-OF-WAY.
  - ALL WATER MAIN SHALL BE CLASS 54 DUCTILE IRON. ALL GATE VALVES SHALL BE PLACED IN GATE WELLS.
  - ALL STRUCTURES EXCEPT FOR INLETS WHICH CONNECT TO CATCH BASINS WILL BE A MINIMUM OF 4 FEET IN DIAMETER.
  - THE DEVELOPMENT SHALL BE CONSTRUCTED AS A SINGLE PHASE.
  - THE CONSTRUCTION TYPE OF THE PROPOSED BUILDINGS IS WOOD CONSTRUCTION WITH BRICK VENEER AND SLAB ON GRADE.

**WETLANDS**  
NO WETLANDS EXIST ON SITE.

**FLOODPLAIN INFORMATION**  
THE SUBJECT PROPERTY LIES WITHIN A ZONE "X" FLOOD HAZARD AREA - "AREAS OF MINIMAL FLOODING", PER THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 26125 60477 F, MAP EFFECTIVE 9-28-2006.

**PARKING CALCULATIONS**

2 SPACES FOR EACH UNIT, PLUS 1/4 SPACE FOR EACH BDRM.  
 2 SPACES FOR EACH UNIT = 138 SPACES  
 138 BEDROOMS/4 = 35 SPACES  
 TOTAL SPACES REQUIRED = 173

SPACES PROVIDED:  
 2 SPACES PER GARAGE = 138  
 2 SPACES PER DRIVEWAY = 138  
 ADDITIONAL PARKING SPACES = 27  
 TOTAL SPACES PROVIDED = 303

**DENSITY CALCULATION:**

AREA OF RESIDENTIAL SITE = 15.14 Ac.  
 AREA OF 60' R.O.W. = 1.21 Ac.  
 DENSITY AREA = 15.14-1.21 = 13.93 Ac.  
 AREA OF INTERNAL ROADS = 1.39 Ac.  
 NET DENSITY AREA = 13.93-1.39 = 12.54 Ac. = 546,242 S.F.

**RM-1 ZONING:**

FOR 2 BEDROOMS AND DEN REQUIRED 6,500 S.F./UNIT  
 DEDUCT 10,000 S.F. FOR FIRST UNIT  
 TOTAL ALLOWABLE UNITS = 546,242 - 10,000 / 6,500 = 83 UNITS  
 TOTAL UNITS PROVIDED = 69 UNITS (4.95 UNITS / ACRE)

**LIST OF ALL REQUIRED STATE AND FEDERAL PERMITS**

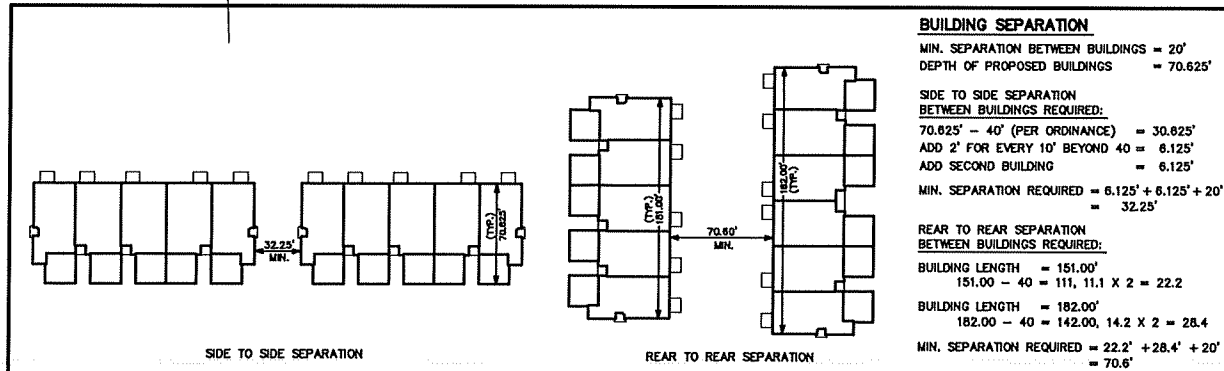
TYPE	AGENCY	STATUS
1. NPDES	MDEQ	NOT FILED
2. SANITARY SEWER	MDEQ	NOT FILED
3. WATER MAIN	MDEQ	NOT FILED

**SIGN QUANTITIES**

SYMBOL	DESCRIPTION	QUANTITY	PANEL	POST
RI-1	30"x30" (STOP) SIGN W/STREET SIGN	1	1	
RI-4	24"x30" (KEEP RIGHT) SIGN	3	3	
RI-2	36"x36"x36" (YIELD) SIGN W/STREET SIGN	2	2	
WI-4	2 30"x30" (NO OUTLET) SIGN	2	2	
RP-7	12"x8" BARRIER FREE HANDICAP SIGN	3	3	
RP-8	12"x6" (VAN ACCESSIBLE) PANEL	3	0	

**LOT COVERAGE:**

GROSS AREA OF SITE	= 15.14 Ac.
BUILDING AREA	= 3.05 Ac.
MAX. LOT COVERAGE ALLOWED	= 20%
PROPOSED LOT COVERAGE	= 3.05 / 15.14 = 20%



- PROPOSED IMPROVEMENTS**
- MUNICIPAL SEWER TO BE PROVIDED BY CONSTRUCTING A GRAVITY SEWER FLOWING TO A PROPOSED LIFT STATION AT THE SOUTHWEST CORNER OF THE SITE, THEN DISCHARGING THRU A FORCE MAIN TO A PROPOSED MANHOLE NORTHWEST OF CARPATHIAN DRIVE AND NORTHEAST SIDE OF UNION LAKE RD.
  - WATER SUPPLY TO BE PROVIDED BY CONNECTING TO AN EXISTING 12" WATERMAIN ALONG UNION LAKE ROAD. PROPOSED WATERMANS SHALL BE 12" AND 8" AS SHOWN ON THE PLANS.
  - ON-SITE STORM WATER DETENTION SHALL BE PROVIDED PER OAKLAND COUNTY WATER RESOURCE COMMISSION STANDARDS. ALL STORM DRAINAGE EASEMENTS SHALL BE A MINIMUM OF 20' WIDE IF NECESSARY.
  - ROADWAYS SHALL BE 27' WD. AND 24' WD. WITH CONC. CURB & GUTTER WITH ASPHALT PAVEMENT. ALL ROADWAYS SHALL BE PRIVATE. ALL INTERIOR SIDEWALKS SHALL BE 8' WIDE AND 8" WIDE CONC. SIDEWALK TO BE CONSTRUCTED ALONG SOUTH R.O.W. OF UNION LAKE ROAD AS SHOWN. SEE PAVEMENT CROSS SECTION AND CURB DETAILS ON SHEET 4.
  - ALL ELECTRIC, CABLE TV & TELEPHONE LINES SHALL BE LOCATED UNDERGROUND AND SHALL BE PLACED WITHIN EASEMENTS DEDICATED FOR SUCH USE.
  - TRASH DISPOSAL SHALL BE BY CURB SIDE PICKUP.
  - LIGHTING SHALL BE PROVIDED BY PHOTOCELL LIGHTS LOCATED ON THE FRONT OF EACH BUILDING.

**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
(Symbol)	(Symbol)	PAVEMENT (ASPHALT)
(Symbol)	(Symbol)	SIDE WALK (CONCRETE)
(Symbol)	(Symbol)	CONCRETE CURB AND GUTTER
(Symbol)	(Symbol)	STORM SEWER
(Symbol)	(Symbol)	SANITARY SEWER
(Symbol)	(Symbol)	8" WATER MAIN
(Symbol)	(Symbol)	12" WATER MAIN
(Symbol)	(Symbol)	MANHOLE
(Symbol)	(Symbol)	CATCH BASIN W/STREAM GUARD
(Symbol)	(Symbol)	END SECTION
(Symbol)	(Symbol)	GATE VALVE
(Symbol)	(Symbol)	HYDRANT
(Symbol)	(Symbol)	CONTOURS
(Symbol)	(Symbol)	SPOT ELEVATION
(Symbol)	(Symbol)	SURFACE DRAINAGE

**WEST VALLEY MULTI-FAMILY RESIDENTIAL COMMUNITY SECTION 36, TOWN 5 NORTH, RANGE 8 EAST WHITE LAKE TWP., OAKLAND COUNTY, MICHIGAN**

DATE: 12-03-18 DESIGNED BY: A.A. JOB NUMBER: 17-031  
 CHECKED BY: J.E. DRAWING FILE: 2-17031-SP

**REVISIONS**

NO.	ITEM	DATE
1.	FOR TOWNSHIP CONSULTANTS	2-28-19

**PRELIMINARY SITE PLAN**

**SEIBER, KEAST ENGINEERING, L.L.C.**  
 CONSULTING ENGINEERS  
 100 MCNENTRE • SUITE 10 • NORTHVILLE, MI • 48167  
 PHONE: 248.308.3331

**SHEET 2**



## White Lake Township Supervisor's Office

# Memo

**To:** White Lake Board of Trustees

**From:** Rik Kowall

**Date:** October 13, 2020

**Re:** Memo to Initiate Litigation

---

Dear Board of Trustees:

As you know, Brendel Septic is operating a commercial business on property located at 9481 Highland Road (12-23-129-008) and on the adjacent 10-acre parcel (12-23-202-001). While the commercial use on 9481 Highland Road had attained legal non-conforming use status in the late 90's, that use has since intensified well beyond the use that was afforded legal non-conforming status, and therefore, the use is in violation of the Township's Zoning Ordinance. Additionally, the commercial use on the adjacent 10-acre parcel was never afforded legal non-conforming status and is in violation of the Township's Zoning Ordinance.

While there had been extensive communications between the property owner and Township staff over the course of many years, the property owner has failed to bring the property into compliance with the Township's Zoning Ordinance. Recently, Township staff has been in communication with the current occupant of the property, but has been unsuccessful in securing voluntary compliance with the Township's Zoning Ordinance.

Therefore, I am requesting that the Township Board authorize litigation against the property owner and current occupant for violations of the Township's Zoning Ordinance.

If you have any questions or would like to discuss this matter further, please contact me.

Thank you,

## Fund Balance Transfer Request

October 20, 2020

In our 2020 budget that the Board approved, we included a transfer of \$500,000 from the General Fund to the Improvement Revolving Fund. I have included language below from the Treasurer's 2019 Annual Report that discusses the General Fund increase in Fund Balance of \$635,668 for the year ending 12-31-2019.

Today I am requesting that the Board approve the transfer of \$500,000 from the General Fund to the Improvement Revolving fund.

### **FUND BALANCES**

Finally, regarding our Fund Balances, prudent spending has resulted in the following unaudited increases for the following operating funds for fiscal year 2019:

General Fund Balance increase of \$635,668 versus the budgeted increase of \$34,381.  
Police Dept. Fund Balance increase of \$184,584 versus the budgeted decrease of \$207,062.  
Fire Dept. Operating Fund Balance increase of \$259,073 versus the budgeted decrease of \$143,191.

Respectfully Yours,

Mike Roman  
White Lake Township Treasurer



Rik Kowall, Supervisor  
Terry Lilley, Clerk  
Mike Roman, Treasurer



Trustees  
Scott Ruggles  
Michael Powell  
Andrea C. Voorheis  
Liz Fessler Smith

## WHITE LAKE TOWNSHIP DEPARTMENT OF PUBLIC SERVICES

7525 Highland Road , White Lake, Michigan 48383-2900, (248) 698-3300 Ext 8, [www.whitelaketwp.com](http://www.whitelaketwp.com)

October 8, 2020

Honorable Board of Trustees  
Charter Township of White Lake  
7525 Highland Rd.  
White Lake, MI 48383

### **RE: Aspen Meadows Iron Filtration Pilot Update**

Honorable Board of Trustees,

DPS has concluded pilot testing of the Ferazur iron filtration process at the Aspen Meadows Wellhouse. The pilot study was a huge success and exceeded our expectations. During the approx. 4 month study, the pilot consistently and reliably produced finished water with iron concentrations less than one third of the National Secondary Drinking Water Standard for iron which is 0.3 Mg/L. Generally, measurement of the iron concentration in the finished effluent required a spectrophotometer as the level was below the detectable level of a field kit at all flow rates tested.

Backwash volumes were generally less than 1% of production.

DPS has directed DLZ to move forward with plant design approved at BOT 5-31-20 using the Ferazur process.

Attached are pages 1-14 of 426 of the complete report. The complete report including all of the data collected can be viewed at White Lake DPS.

Sincerely,

Aaron D. Potter  
Director, Dept. of Public Services  
Charter Township of White Lake



# Charter Township of White Lake



## Aspen Meadows Well House

# Biological Iron Removal Performance Test

## Final Report

Prepared by:



*Knowledgeable • Professional • Attentive • Likeable*

23905 Freeway Park • Farmington Hills, MI 48335

Phone: 586.978.7200 • Fax: 586.978.2200

[www.hesco-mi.com](http://www.hesco-mi.com)

October 6, 2020



## EXECUTIVE SUMMARY:

This report summarizes the testing conducted and the performance results of applying the biological iron removal process at the Aspen Meadows Well House.

The Charter Township of White Lake operates a water system consisting of several wells and pumping well houses including Village Acres, Aspen Meadows, Twin Lakes I, Twin Lakes II and Hillview, all delivering water to the distribution system. The iron concentration of the drinking water in the distribution system ranges from 0.1 to 2.0 mg/L Fe. As of the date of this report only one of those facilities - Village Acres - has an iron removal process in place and operating. The Township is interested in improving the water quality delivered to the customers on their water distribution system, particularly with respect to iron which causes staining and taste complaints from the consumers. Iron is the number one water quality complaint in White Lake Township.

The existing iron removal plant at Village Acres utilizes a physical-chemical process involving the addition of a chemical oxidant to convert the dissolved iron to a solid which can then be filtered out mechanically through the granular (sand) media in the filter vessels.

The Village Acres WTP currently achieves effluent iron levels ranging from 0.1 to 0.3 mg/L, which is just within the National Secondary Drinking Water Standards for iron (0.3 mg/l). This standard for iron is a secondary standard, so it is not required for public health, but many systems choose to meet it because of objectionable aesthetic issues which result if the iron levels are higher than this.

In comparison, the iron removal process tested at Aspen Meadows is biological. It is well proven, well understood and easy to operate. Using naturally existing iron reducing bacteria, the biological iron removal process has been shown at other Michigan plants (most of which are located in Oakland County) to have a much higher filtration rate per square foot of filter area than the pressure filters currently at the Village Acres facility, while generally producing a higher quality effluent.

The purpose of the biological iron removal performance testing conducted at Aspen Meadows was to confirm the raw water at Aspen Meadows is suitable for biological iron removal, determine what finished water iron concentrations, filtration rates, and filter run lengths could be achieved, and how much backwash volume would be generated.

The duration of the performance testing was approximately 4 months.

The data collected during that period showed conclusive evidence that the biological iron removal process will work very effectively at Aspen Meadows. Implementing an iron removal process at the Aspen Meadows Well House will deliver a massive and highly desired decrease in the iron concentration of the water distributed to the system. The performance testing showed that the biological iron removal process was able to produce finished water iron concentrations below the 0.3 mg/L secondary MCL, and actually kept iron reliably <0.1 mg/L.

During the performance testing, the finished water iron concentration reached levels as low as 0.02 mg/L (*and were generally much better than the performance of the existing Village Acres system*). Those finished iron concentrations were reliably achieved at all filtration rates tested.





The filtration rates, which ranged from 6 – 20 gpm/SF were all tested for full filter runs – which terminate on headloss (increase in pressure on the upstream side of the filter as iron solids build up in the filter media).

Of particular interest relating to this wide range of high filtration rates possible with biological iron removal, the Aspen Meadows well house and its wells are rated for a production of up to 2000 GPM. During the winter months the plant may run as low as 800 GPM. It was important to the Township to find a process that could handle a very wide flow range and deliver excellent water quality. Due to its fairly centralized location within the distribution system, the Township may in the future elect to increase the rated capacity of this facility by adding pumping capacity or wells or both. Therefore, the Township is interested in an iron removal process that can most easily accommodate capacity increases. The performance testing biological iron removal process demonstrated filtration rates above 20 gpm/SF. Initial facility design for the existing well capacity will use a filtration rate of 10-12.5 gpm/SF. This leaves the ability simply increase the filtration rate to increase the Aspen Meadows total production output by simply adding pumping capacity (and new wells if necessary) without changing or adding to the iron removal process.

In addition to the above considerations, the pilot did not need to be backwashed nearly as frequently as the existing pressure filters at the Village Acres WTP. Further, the performance testing data indicate the backwashing procedure for biological iron removal will produce less waste backwash water per volume of water filtered than the physical-chemical process produces at Village Acres.

Finally, while “media life” was not a parameter of the performance testing, the media used for the biological iron removal process does not lose its efficacy over time. The media is only a “site” for the biology to grow, and the biology is continuously regenerating with excess removed via backwash with the iron solids. Therefore, the Township does not have to factor in long shut downs for expensive and labor intensive “media replacement” as required by other physical-chemical type iron removal processes.

In conclusion, the pilot study definitively proved that the Ferazur process is a viable , efficient, and cost effective solution for the addition of iron filtration to the Aspen Meadows Wellhouse.



## 1.0 INTRODUCTION

This report has been written to provide details and document the Biological Iron Removal Performance Testing that was conducted at White Lake Township's Aspen Meadows Well House.

---

### 1.1 PURPOSE

The purpose of the study was to confirm the raw water at Aspen Meadows is suitable for biological iron removal, determine what finished water iron concentrations, filtration rates, and filter run lengths could be achieved, and estimate how much backwash volume would be generated and require disposal.

---

### 1.2 SCOPE OF WORK

The performance testing focused on this process's ability to remove iron biologically, from the raw water source at Aspen Meadows. The Aspen Meadows raw water iron concentration is in the range of 1.6-1.7 mg/L Fe.

Data collection and/or analysis of manganese and arsenic concentrations in the finished water was not part of this study as the manganese and arsenic levels in the raw water are below the secondary MCL for manganese and the MCL for arsenic.

Data was collected manually on a log sheet during visits by Township and HESCO personnel, this generally consisted of results of Iron tests on the finished water grab samples, and occasionally the raw water grab samples, visual check of the process air flow meter, and totalizer readings from the flow meter.

Data collection of the flow, pressure, DO, ORP, pH was automated and logged by the PLC based controls of the pilot scale filter unit.

Township Water Department personnel checked on the pilot operation daily, confirmed proper operation of the system and all its processes and components, made manual measurements of air flow rate, and made any fine adjustments necessary.

HESCO Field Service personnel visited the pilot weekly to confer with the Township personnel, perform any maintenance or corrective actions.

A generous amount of time was allotted for the pilot system to be on-site at Aspen Meadows, allowing for testing and fine tuning of the newly constructed pilot system. The pilot system was on site for a duration of approximately 4 months and provided enough time for numerous filter runs at filtration rates fixed over the duration of the filter run with those target rates ranging from 10 to 20 GPM/SF.



### 1.3 BIOLOGICAL IRON REMOVAL PROCESS

The key to the biological iron removal process is the utilization of the proper media material and media sizing. The media provides a habitat/surface to facilitate growth of bacteria that are naturally occurring in the raw water source / aquifer. This bacteria use iron as an energy source for aerobic respiration.

The two main types of bacteria responsible for the biological process are spiral-type *Gallionella ferruginea* and stalk-type *Leptothrix ochracea* – Figure 1.3.A.

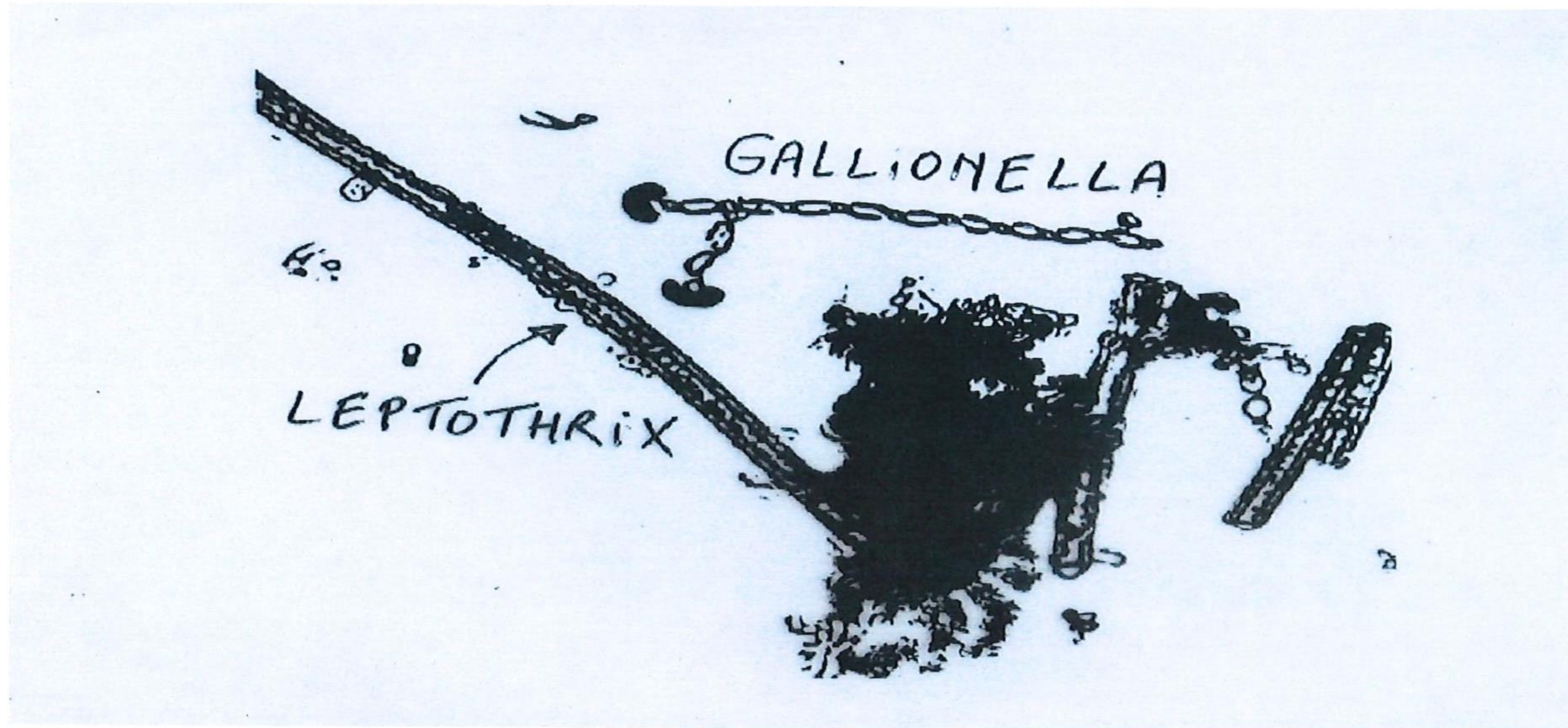


Figure 1.3.A

#### Common - Naturally Occurring Iron Reducing Bacteria

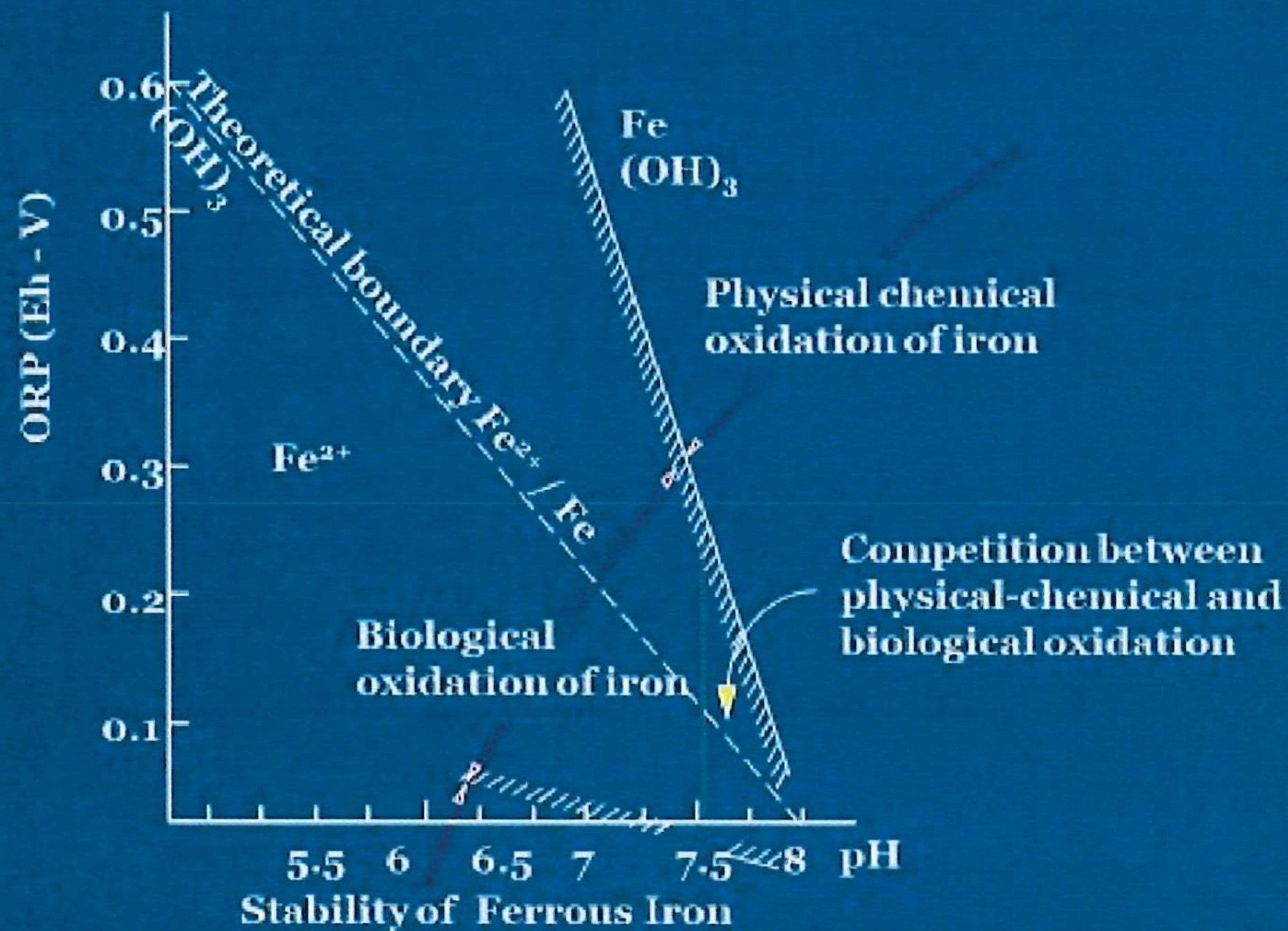
The bacteria produce a biofilm on the media and process the iron at the raw water/biofilmboundary, resulting in consumption of dissolved iron and production of high density iron precipitates at a very high reaction rate – short reaction time. These bacteria thrive in aquatic environments when the pH and ORP lie within a specific range as shown in Figure 1.3.B.

Figure 1.3.B uses a stability diagram for ferrous iron to illustrate the field of activity for these iron reducing bacteria.

The Y axis on the graph is the reduction potential (ORP) in mV, while the X axis is the pH of the solution. The bacteria's ability to effectively process the dissolved iron is dependent on the ORP and pH of the aqueous environment. The diagram shows the range of conditions where the bacteria can actively reduce dissolved iron which lies in the range between the comb-toothed lines. However above the dashed line common phys-chem iron reduction reactions will compete with the bacteria. Therefore the ideal range for biological iron removal lies between the dashed line and the lower comb-toothed line. For example, at a pH of 7, the optimal ORP for biological iron removal would be between 20 and 200 mV.



# Iron Bacteria Field of Activity



**Figure 1.3.B**  
**ORP/pH Diagram for Fe and Mn Removing Bacteria**

## 1.4 FILTER SKID SYSTEM DESCRIPTION

A general process flow diagram of the biological iron removal process is shown in Figure 1.4.A.

The pilot skid system consists of a 4-inch diameter clear PVC column for containing the media and acting as a pressure filtration vessel.

This vessel was loaded with media to a depth of approximately 60 inches.

Upstream of the vessel, raw water is injected with a very small volume of process air, and mixed with a static mixer, to create the optimum conditions for the targeted iron bacteria to actively transform dissolved iron to iron precipitates. *(These conditions are well established and determined via the previously mentioned iron stability diagram using ORP and pH (see Figure 1.1). Once that condition is established dissolved oxygen and air-to-water flow rate ratios are used to more easily control the full scale process.)*



This water is fed to the top inlet of the vessel, and flows vertically down through the media, which is contained by a filter underdrain plate using a filter outlet nozzle designed to pass water but retain the media in the vessel.

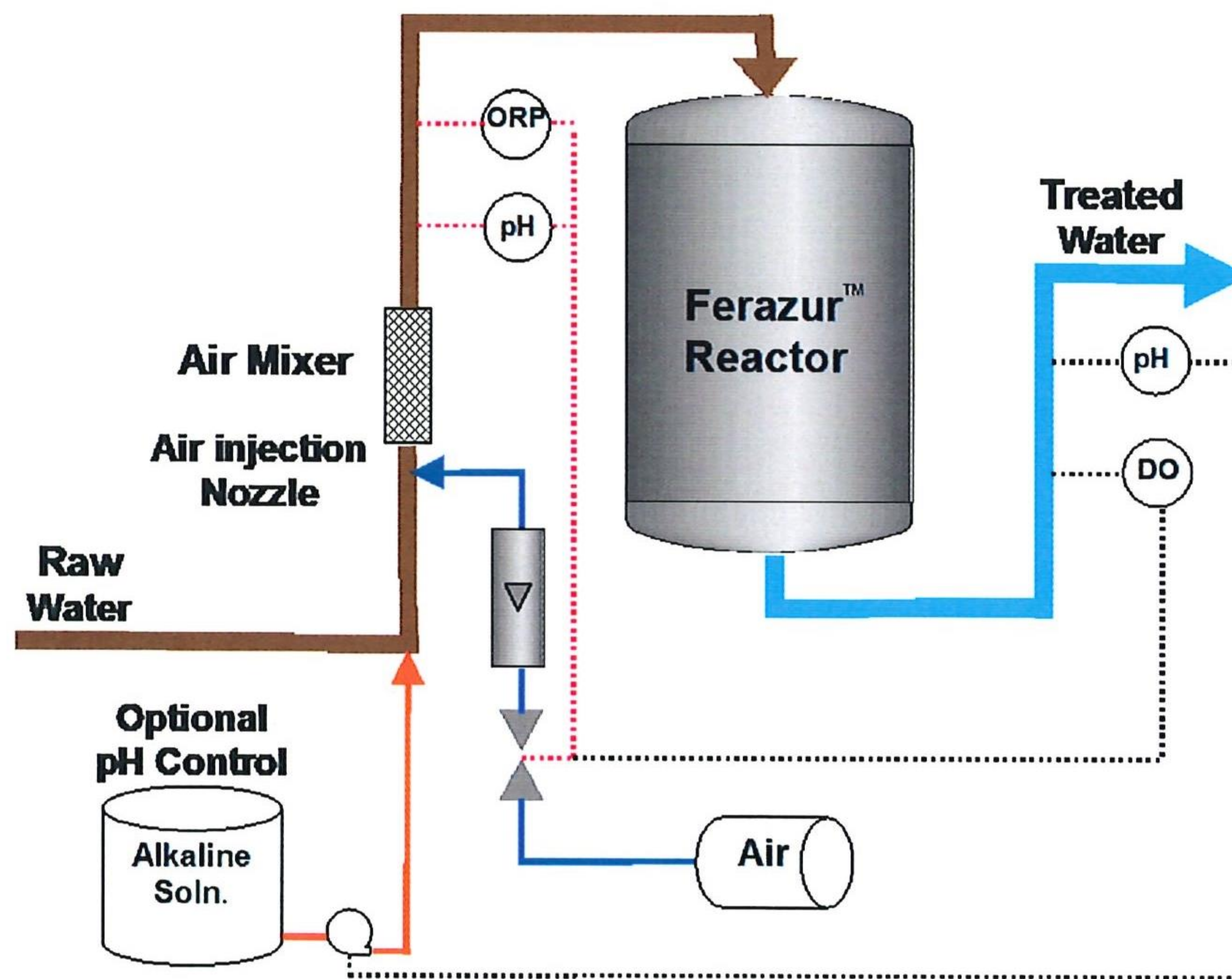
The vessel is equipped with an air/vacuum valve to release small amounts of injection air that off-gas from the raw water, and prevent a vacuum/siphon from occurring when the filter stops or is backwashed.

The flow rate of the water through the vessel was measured on the effluent line after the vessel via a mag meter.

Sample taps at the raw water skid inlet, post-injection air vessel inlet, and vessel outlet effluent line were used to convey sample to a water quality analyzer panel to measure the DO/ORP/pH/temperature of those streams. These tap locations were also used to collect manual samples for iron testing.

Pressure taps at the top and bottom of the filter vessel were monitored with pressure transmitters to capture the inlet, outlet and headloss pressures.

Backwashing of the filter pilot is automated by the pilot control panel, but generally support staff monitored headloss and timed their visits to be physically present at the end of a filter run, so they could observe and manually perform the pilot backwash.



**FIGURE 1.4.A**  
**Process Flow Diagram – Biological Iron Removal**



## 2.0 PERFORMANCE TESTING

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### 2.1 GENERAL

The biological iron removal performance testing began in April which commenced with a seeding period to establish a population of the iron removing bacteria on the filter media. The bacteria is naturally occurring and came directly and solely from the aquifer supplying the Aspen Meadows well pumps. After seeding was complete, as indicated by the finished water iron levels, filter performance testing began. The filter performance tests ended on August 30<sup>th</sup> 2020.

HESCO staff arrived in April to deliver and set up the pilot scale filter and connect it's control system to signals from the Township. Those signals told the pilot controls when a well pump was running or off, so the pilot controls could adjust positions of its valves and component states accordingly.

The biological iron removal process simply requires non-chlorinated raw water, compressed air, and the media for biological iron removal.

Non-chlorinated water was tapped from the outlets of both of the two well pumps well prior to and isolated (via check valves) from the chlorine injection system operated at the well house. No chlorinated water ever reached the pilot filter. Operation of the wells was and is alternated by the existing well house controls. The raw water from each is nearly identical to one another. Alternating between wells had no performance impact on the biological filter performance.

Compressed air supply system and media were furnished with the pilot filter skid system.

Raw and finished water quality data and filter performance data that were recorded include iron and DO concentration, ORP, temperature, differential pressure across the filter media, pH, pump run times, and air and water flow rates.

Pilot filter skid system continuously recorded well pump run status, flow rate to the filter, inlet pressure, outlet pressure, headloss across the filter media, DO, pH, and ORP measurements.

Filtration and backwash flow rates were measured using a SIEMENS MAG5100W flow tube with a MAG5000 transmitter, which has an accuracy of +/- 0.05% of flow rate.

Inlet, outlet and differential pressures were measured using SIEMENS DS-III Pressure Transmitters.

DO concentrations, pH, and ORP were measured using an S::CAN analyzer and sensors.

Manual data collection while a well pump and the pilot filter were running, was performed generally five days a week Monday through Friday. Any necessary adjustments to injection air flow were made manually during these visits along with manual measurements of the iron concentration of the finished water.

Rotameters with flow control needle valves were used to measure and manually adjust the airflow injected into the raw water, and the airflow used to supply the backwash air scour.



The raw and finished water iron concentrations were measured using a Hach DR 900 spectrophotometer and the Ferover method and reagent.

All data collected manually was recorded on a set of daily log sheets.

Filter runs were generally conducted until headloss through the filter reached 10 psi. (Several unforeseen events with the pilot control and operation caused some filter runs to be manually terminated prior to achieving 10 psi of headloss, so that repairs could be made and the filter run restarted after a fresh backwash.)

## 2.2 RESULTS

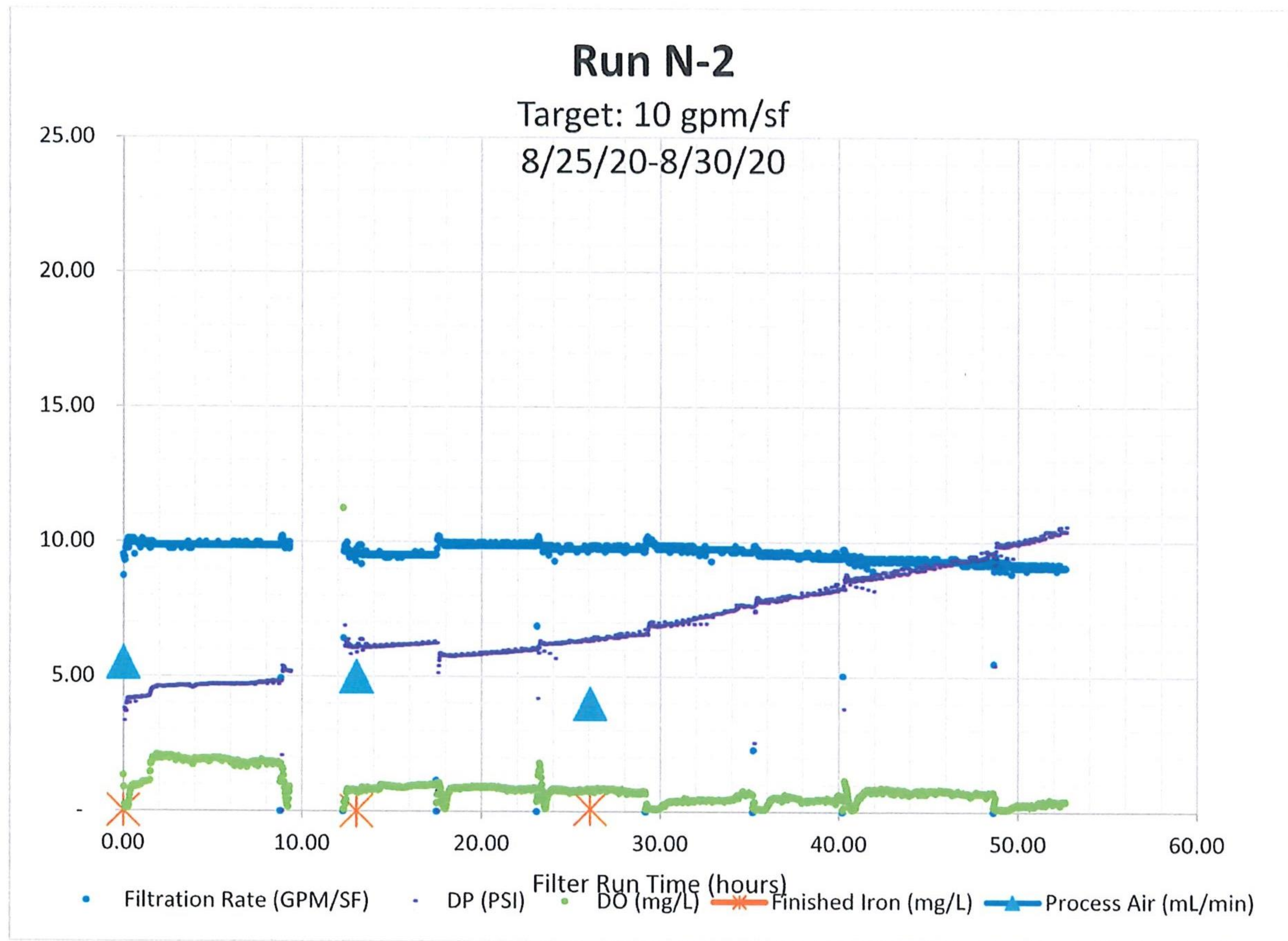
The data collected during the study clearly demonstrate that the biological removal process performed well on the Aspen Meadows raw water source, at various filtration rates ranging from 10 – 20 GPM/SF.

The Secondary MCL for Iron in drinking water is 0.30 mg/L. It is an aesthetic standards, and is not a public health standard. The finished water from the pilot generally stayed below 0.10 mg/L and well below the Secondary MCL.

Filter Run	Filter RunTime (HRS)	Avg Flow (GPM)	Avg Filtration Rate (GPM/SF)	Filter Production (GAL)	Headloss at End of Run (PSI)	Avg DO (mg/L)	Avg Finished Iron (mg/L)
N-2	52.6	0.8	9.5	2492	10.6	0.8	0.04
N-3	55.8	1.6	18.6	5464	10.6	0.2	0.03
N-4	83.4	1.7	19.8	8645	7.2	0.4	0.08
N-5	435.5	1.3	14.6	33164	6.3	0.4	0.07



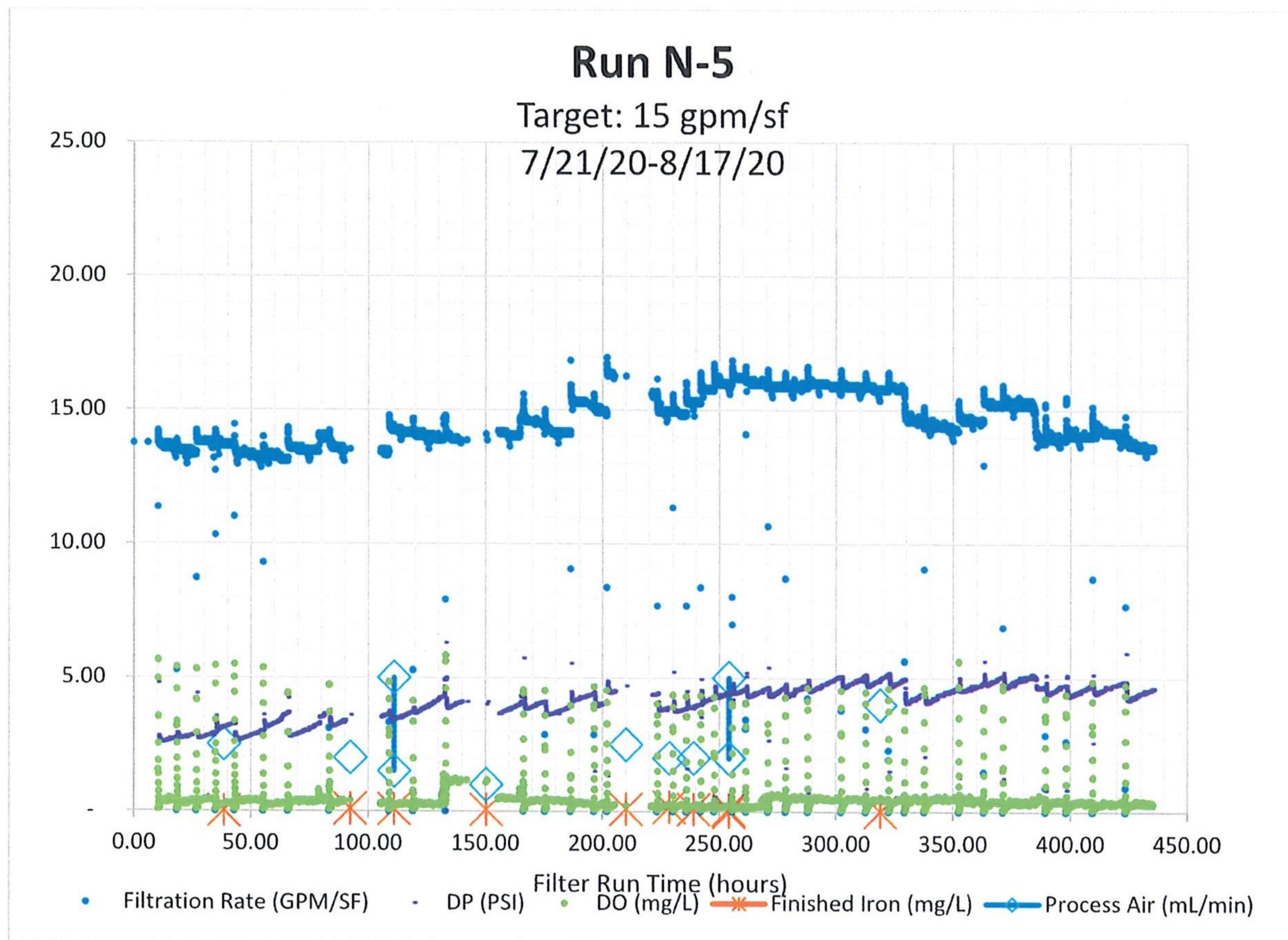
**Figure 2.2.A shows Filter Run N-2.** This filter run was targeting a filtration rate 10 GPM/SF. Due to a finicky flow control valve, it averaged closer to 9 GPM/SF. This Filter Run had a duration of over 52 hours, running at that filtration rate, which produced 2,492 gallons of finished water. During that time the wells cycled on and off about nine times and the pilot performed flawlessly with this intermittent operation. Tests performed by Paragon Laboratories on the finished water sample collected on 8/27/20 at 10AM reported iron concentration <0.01 mg/L. The iron level in the finished water grab samples collected during this filter run, and analyzed on site with the HACH Spectrophotometer averaged 0.04 mg/L with max and min concentrations of 0.10 and 0.01 mg/L respectively. At this filtration rate, the filter run started at a headloss of 3.8 psi and was terminated when the headloss reached 10.5 psi.



**Figure 2.2.A**



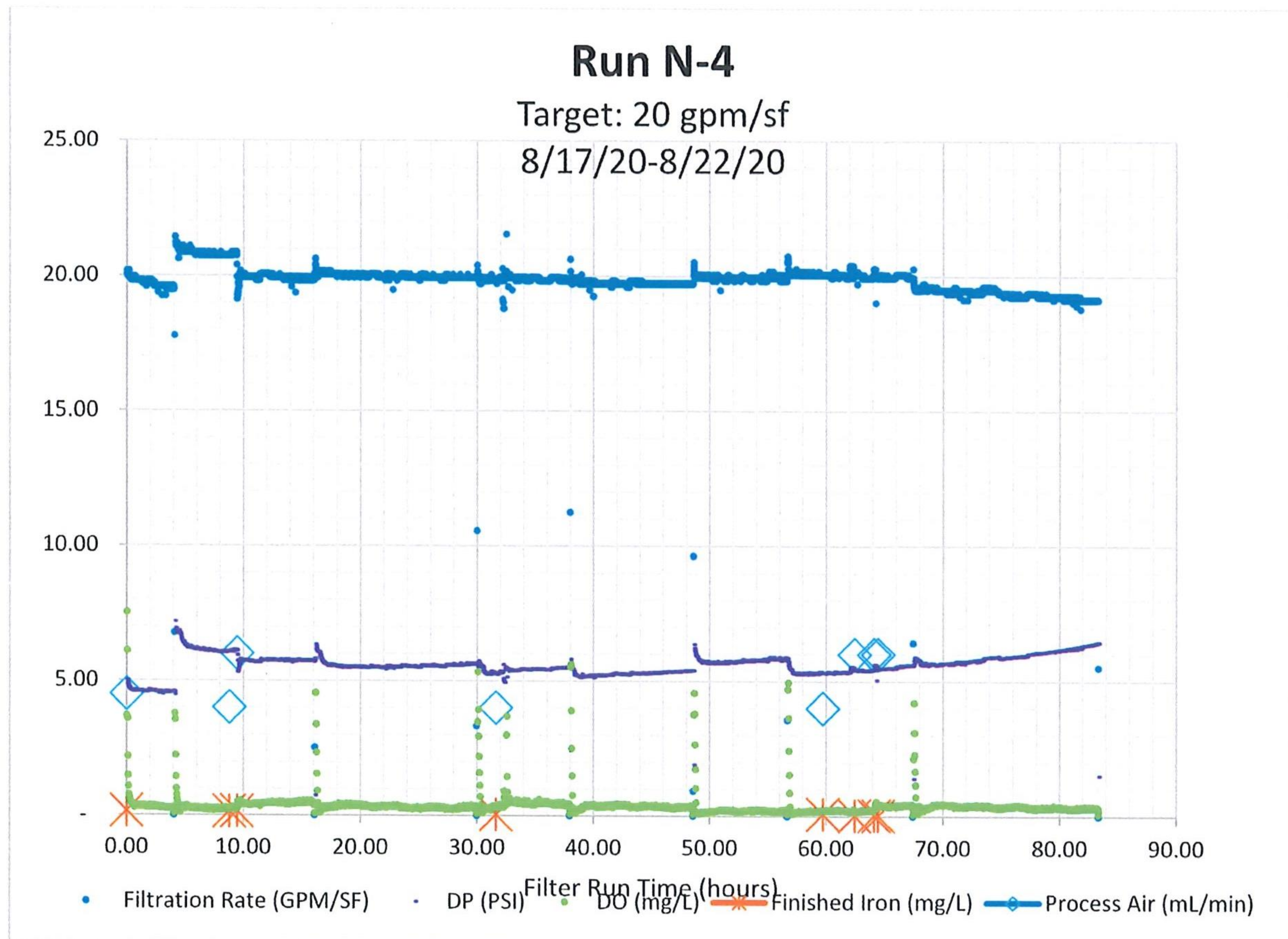
**Figure 2.2.B shows Filter Run N-5.** This filter run also targeted a filtration rate 15 GPM/SF, and averaged 14.4 GPM/SF. The run lasted for a duration of 435 hours, running at that filtration rate, which produced 32,650 gallons of finished water. During that time the wells cycled on and off about 33 times and the pilot performed flawlessly with this intermittent operation of run cycles and long periods in standby when the wells were not pumping. Tests performed by Paragon Laboratories on the finished water sample collected on 8/11/20 at 10:00 reported iron concentration <0.01 mg/L. The iron level in the finished water grab samples collected during this filter run, and analyzed on site with the HACH Spectrophotometer averaged 0.08 mg/L with max and min concentrations of 0.17 and 0.00 mg/L respectively. At this filtration rate, the filter run started at a headloss of 2 psi and was terminated when the headloss reached 4.6 psi as this run was no where near the terminal headloss target of 10 psi after that long of a period and it was desired to move on to filter runs at higher filtration rates.



**Figure 2.2.B**



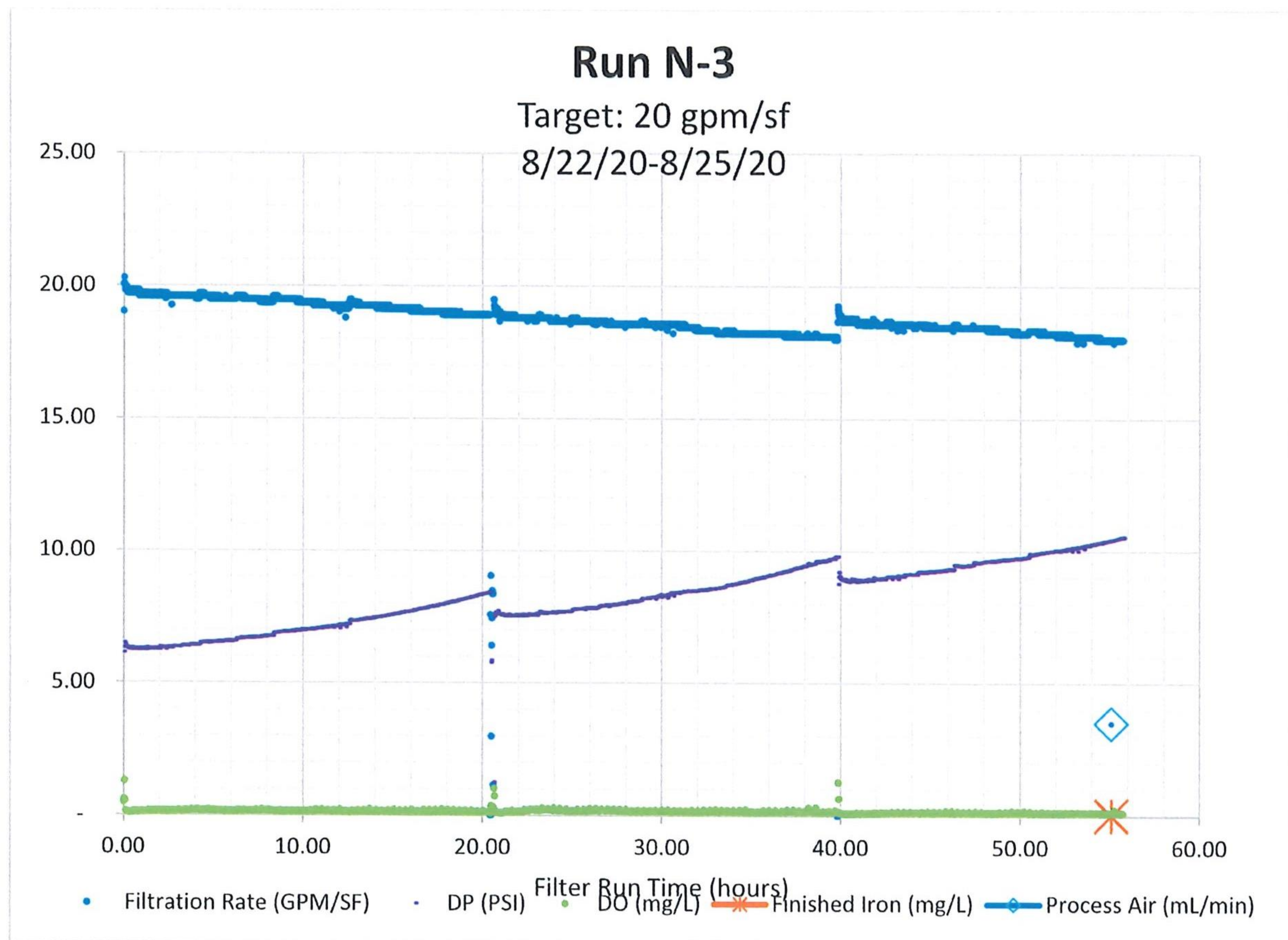
**Figure 2.2.C shows Filter Run N-4.** This filter run also targeted a filtration rate 20 GPM/SF, and averaged 19.8 GPM/SF. The run lasted for a duration of over 83 hours, running at that filtration rate, which produced 8,645 gallons of finished water. During that time the wells cycled on and off about eight times and the pilot performed flawlessly with this intermittent operation and long run cycles. The iron level in the finished water grab samples averaged 0.08 mg/L with max and min concentrations of 0.16 and 0.03 mg/L respectively. At this filtration rate, the filter run started at a headloss of 4.5 psi and was terminated when the headloss reached 6.5 psi.



**Figure 2.2.C**



**Figure 2.2.D shows Filter Run N-3.** This filter run was targeting a filtration rate 20 GPM/SF, but averaged 18.7 GPM/SF. The run lasted for a duration of over 55.75 hours, running at that filtration rate, which produced 5,464 gallons of finished water. During that time the wells cycled on and off only two times, Tests performed by Paragon Laboratories on the finished water sample collected on 8/24/20 at 13:00 reported iron concentration <0.01 mg/L. The iron level in the finished water grab samples collected during this filter run, and analyzed on site with the HACH Spectrophotometer averaged 0.03 mg/L with max and min concentrations of 0.04 and 0.00 mg/L respectively. At this filtration rate, the filter run started at a headloss of 6.25 psi and was terminated when the headloss reached 10.5 psi.



**Figure 2.2.D**



### **2.3 BACKWASH RESULTS**

Frequency of backwashing and the volume of backwash water required by the biological iron removal process is much lower than that required by the current filters at Village Acres. The recommended differential head loss set point for backwashing the iron removing media is around 10 psi.

The pilot backwash cycle uses 6-10 gallons of finished water. For the four (4) runs listed above, that equates to a backwash volume ranging from 0.03-0.4% of the finished water production volume.

The pilot contains a tank to capture the full volume of backwash and allow the solids to settle. Observations of this tank indicate that the solids from the biological process settle relatively quickly into a solids sludge layer at the bottom of the tank, with the supernatant water above it relatively clear only minutes after the completion of a backwash cycle.

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### **2.4 PARAMETER VALUES**

As stated earlier, the ORP and pH need to be in a specific range to provide the optimal environment for the iron removing bacteria. DO is also an important parameter to monitor with this type of process as it affects the ORP and it is also an essential part of the bacteria's ability to process the iron. DO measurement sensor technology is much more stable and much less maintenance intensive than ORP sensor technology. Hence, once the ORP conditions are related to DO in the local raw water, DO is a better monitoring parameter for reasons of reliability.

The pH in the raw water averaged 7.3 to 7.5. Given that pH, the ideal range of ORP is -50 to 275 mV according to the stability diagram referenced earlier. During the performance testing it was found that ORP between 0-100 mV yielded best iron removal performance. In those ORP ranges the DO ranged between 0.3 and 0.8 mg/L. Process Air Flow fed to the raw water was manually adjusted to keep the DO and ORP in these ranges. In full scale process the ORP and DO can be used to determine an air/water dose rate and simply pace the process air injection based on the raw water flow rate fed to the process. Monitoring pH, DO and ORP periodically helps ensure the flow pacing is correct, and identify any excursions from optimal range of conditions for the iron bacteria.

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### **2.5 FULL SCALE VIABILITY**

The Biological Iron Removal Performance Testing completed here supports the conclusion full scale operation of a biological iron removal process at Aspen Meadows will return similar hydraulic and treatment capacities to that of the demonstrated by pilot skid at rates between 10 – 20 GPM/SF and backwash volumes lower than 0.5% of finished water production volumes.

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**END OF REPORT**

