

WATER UTILITY SCHEDULE OF ASSETS

BOROUGH OF MADISON

STRATEGIC ASSET MGT

Water Supply and Distribution Assets - Strategic Plan									Straightline Annualized Cost	Remaining Life Cost
Asset	Description	Install	Count	2014 Unit Cost	2014 Value	GASB Lifespan	Replace Year	Annualized Cost		
Water Production Well			5							
	Well A - John	1952	1	\$2,500,000	\$2,500,000	50	2030	\$50,000	\$166,667	
	Well B - Station	1955	1	\$1,000,000	\$1,000,000	50	2020	\$20,000	\$200,000	
	Well C - North	1955	1	\$1,500,000	\$1,500,000	50	2015	\$30,000	\$1,500,000	
	Well D - Loveland	1956	1	\$2,500,000	\$2,500,000	50	2050	\$50,000	\$71,429	
	Well E - Niles	1967	1	\$1,500,000	\$1,500,000	50	2017	\$30,000	\$750,000	
Water Storage Tank			2							
	.5 MG Tank - Madison	1960	1	\$1,500,000	\$1,500,000	75	2035	\$20,000	\$75,000	
	.75 MG Tank - Midwood	1960	1	\$2,000,000	\$2,000,000	75	2035	\$26,667	\$100,000	
	Add 0.5 MG Storage - Linden	future	1	\$1,500,000	\$1,500,000	75	#VALUE!	\$20,000		
Air Stripping Facilities			2000	2	\$1,000,000	\$2,000,000	40	2040	\$50,000	\$80,000
	Reverse Osmosis / Ultra Violet (future)	future	2	\$1,000,000	\$2,000,000	99	2025	\$20,202	\$200,000	
	Interconnection Facility	1980	5	\$50,000	\$250,000	40	2020	\$6,250	\$50,000	
	Interconnection Flow Meter	1980	4	\$10,000	\$40,000	20	2020	\$2,000	\$8,000	
SUBTOTAL FACILITY COSTS =					\$18,290,000			\$325,119	\$3,201,095	
Water Mains			varies	333,935	Total					
	4	varies	33,758	\$55.00	\$1,856,690	50	varies	\$37,134	\$37,134	
	6	varies	117,031	\$75.00	\$8,777,325	50	varies	\$175,547	\$175,547	
	8	varies	130,853	\$100.00	\$13,085,300	50	varies	\$261,706	\$261,706	
	10 & 12	varies	49,906	\$125.00	\$6,238,250	50	varies	\$124,765	\$124,765	
Service Laterals (approx)			varies	6,000	\$1,500.00	\$9,000,000	50	varies	\$180,000	\$180,000
Metering			varies	5,800	\$200.00	\$1,160,000	20	varies	\$58,000	\$58,000
Water Hydrants			551	Total						
	1-Way Field Hydrant	varies	12	\$1,500.00	\$18,000	40	varies	\$450	\$450	
	2-Way Hydrant	varies	38	\$4,000.00	\$152,000	40	varies	\$3,800	\$3,800	
	3-Way Hydrant	varies	418	\$5,000.00	\$2,090,000	40	varies	\$52,250	\$52,250	
	Type Unknown	varies	91	\$5,000.00	\$455,000	40	varies	\$11,375	\$11,375	
Water System Valves			varies	843	Total					
	4" System Gate Valve	varies	70	\$1,000.00	\$70,000	40	varies	\$1,750	\$1,750	
	6" System Gate Valve	varies	310	\$1,000.00	\$310,000	40	varies	\$7,750	\$7,750	
	8" System Gate Valve	varies	292	\$1,500.00	\$438,000	40	varies	\$10,950	\$10,950	
	10" System Gate Valve	varies	79	\$2,000.00	\$158,000	40	varies	\$3,950	\$3,950	
	12" System Gate Valve	varies	62	\$2,500.00	\$155,000	40	varies	\$3,875	\$3,875	

12-12-14

	6" Hydrant Cut-Off Valve	varies	35	\$1,500.00	\$52,500	40	varies	\$1,313	\$1,313
SUBTOTAL DISTRIBUTION COSTS =					\$44,016,065			\$934,614	\$934,614
TOTAL REPLACEMENT COSTS =					\$62,306,065				
ANNUALIZED REPLACEMENT COSTS (PUBLIC WATER GIS) =								\$1,259,732	