Saylersville Water Works
Asset Inventory

Water Treatment Plant			Distribution System			Maintenance and Vehicles			
Structure	$	1,000,000	Lines	$	6,704,892	Buildings	$	105,000	
Pumps / Motors	$	165,168	Valves	$	202,050	Trucks	$	76,000	
Monitoring	$	13,350	Hydrants	$	192,750	Heavy Equip	$	85,000	
			Tanks	$	921,000				
			Pumps /Motors	$	3,600				
			Meters	$	163,550				
									Totals
Value	$	1,178,518		$	8,187,842		$	266,000	**$ 9,632,360**
Annual Reserve	$	36,949		$	127,602		$	15,350	**$ 179,902**

Capital Projects	**Estimated Cost**	**Priority**
Infrastructure Replacement: Project to include replacement of 7,800 ft of aging water mains (cast iron, transite and galvanized) and associated vlaves and hydrants.	**$ 700,000**	**0-2 Years**
Raw Water Intake: Replace original 1983 intake pump to improve flow to the plant.	**$ 9,200**	**Immediately**

Water Main Inventory

Installed	Material	Size (in)	Length (ft)	Expected Useful life	*Condition Code	Age (yr)	Adjusted Useful Life	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
1940's	Cast Iron	2	3,755	50	1						
	Cast Iron	4	551	50	1	72	0	-22	$ 275,599	Replace	0-2
	Cast Iron	6	1,206	50	1						
1960's	Transite	8	1,351	60	2	52	0	8	$ 67,552	Replace	3-5
1970's	Galvanized	1.5	442	45	1	42	0	3	$ 22,100	Replace	0-2
	PVC	6	1,129	50	3	42	15	23	$ 940,229	$ 18,805	Perform Semi-Annual Flushing and Maintain Detailed Repair Logs
	PVC	8	17,234	50							
1980's	Ductile Iron	4	422	70	4	32	10	48			
	Ductile Iron	8	259								
	PE	1	497	70	4	32	10	48			
	PVC	1	392								
	PVC	2	3,800						$ 2,232,422	$ 31,892	
	PVC	4	3,699	70	4	32	10	48			
	PVC	6	9,428								
	PVC	8	26,152								
1990's	PE	0.75	100	70	5	22	10	58			
	PVC	2	8,887								
	PVC	4	6,569	70	5	22	10	58	$ 870,371	$ 12,434	
	PVC	6	278								
	PVC	8	1,573								
2000's	PVC	2	3,766								
	PVC	4	9,063								
	PVC	6	9,058	70	5	12	0	58	$ 2,296,619	$ 32,809	
	PVC	8	13,976								
	PVC	10	10,070								
		Total	133,656						$ 6,704,892	$ 95,939	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Hydrant Inventory

Installed	Size (in)	Count	Expected Useful life	*Condition Code	Age	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)	
1950's	5 1/4	1	40	2	72	-32	$ 2,200	Replace	0-2	
1960's	5 1/4	8	40	2	52	-12	$ 19,800	Replace	3-5	
	4 1/2	1		2						
1970's	2	1	50	3	42	8	$ 450	$ 317	3-5	
	5 1/4	7		3			$ 15,400			
1980's	4 1/2	2	50	4	32	18	$ 37,400	$ 748		Perform Semi-Annual Flushing, Maintain Detailed Repair Log and Keep Two Spare Hydrants on Hand.
	5 1/4	15		4						
1990's	2	1	60	5	22	38	$ 450	$ 301		
	4 1/2	1		5			$ 17,600			
	5 1/4	7		5						
2000's	2	1	60	5	12	48	$ 450	$ 1,658		
	5 1/4	45		5			$ 99,000			
	Total	90					$ 192,750	$ 3,023		

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Valve Inventory

Installed	Size (in)	Count	Expected Useful life	Condition Code	Age	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
1940's	2	8	35	1	72	-37	$ 2,400	Replace	0-2
	6	1		1			$ 800		
1950's	4	1	35	1	62	-27	$ 600	Replace	0-2
1960's	4	3	40	2	52	-12	$ 1,800	Replace	3-5
	6	6		2			$ 4,800		
1970's	2	1	40	2	42	-2	$ 300	$ 483	5-10
	4	1		2			$ 600		3-5
	6	8		3			$ 6,400		3-5
	8	10		3			$ 12,000		
1980's	1	2	40	2	32	8	$ 50	$ 1,024	
	2	1		2			$ 300		
	4	5		3			$ 3,000		
	6	20		3			$ 16,000		
	8	18		3			$ 21,600		
1990's	2	2	50	4	22	28	$ 600	$ 324	
	4	8					$ 4,800		
	6	6					$ 4,800		
	8	5					$ 6,000		
2000's	2	2	50	5	12	38	$ 600	$ 2,304	
	4	7					$ 4,200		
	6	61					$ 48,800		
	8	18					$ 21,600		
	10	20					$ 40,000		
	Total	214					$ 202,050	$ 4,134	

Exercise Valves Annually and Maintain Valve Records

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Storage Tank
Inventory

NAME	TANK_TYPE	CAPACITY	MATERIAL	INTCOAT	Construction Date	Last Service Date	Expected Useful life	Condition	Age	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
Church Street	Standpipe	200,000	Steel	Epoxy	1970	5/1/1999	60	3	42	18	$ 256,000	$ 6,433	Inspect, Clean and Repair every 5 yrs.
Painters Lick	Ground	100,000	Steel	Epoxy	1985	5/1/1995		3	27	33	$ 130,000		
Rt. 7	Ground	500,000	Steel	Glass Lined	2010		75	5	2	73	$ 535,000	$ 7,133	
	Totals	800,000									$ 921,000	$ 13,567	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Water Meter Inventory

Installed	Size (in)	Count	Expected Useful life	Condition Code	Age	Adjusted Useful Life	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
1980's	4	2	20	4	32	13	1	$ 3,100	$ 155	Test residential meters on a ten year cycle. Test larger meters annually. Replace as needed.
2000's	1	1						$ 250	$ 13	
	2	1	20	5	12	8	16	$ 800	$ 40	
	4	5						$ 8,100	$ 405	
2012	5/8x3/4	900						$ 135,000	$ 9,000	
	1	8	15	5	0	0	15	$ 2,000	$ 133	
	2	5						$ 8,000	$ 533	
	3	3						$ 6,300	$ 420	
	Totals	925						$ 163,550	$ 10,699	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Pump and Motor Inventory

Location	Asset	Installed	Expected Useful life	Condition Code	Age	Adjusted Useful Life	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
Water Treatment Plant	Chem Supply Pump	9/1/11	5	5	1	13	17	$ 969	$ 194	
	Gardener Well	2/1/02	15	5	10	0	5	$ 5,560	$ 371	
	Old Water Plant Well	10/1/07	15	5	5	8	18	$ 5,560	$ 371	
	High Service Pump #1	8/1/98	15	1	14	9	10	$ 37,000	$ 2,467	
	High Service Pump #2	2/4/03	15	3	9	4	10	$ 37,000	$ 2,467	
	Back Wash Pump	9/1/12	10	1	0	0	10	$ 12,279	$ 1,228	
	Raw Water Pump #1	1/1/83	10	2	29	0	-19	$ 8,000	$ 800	0-1
	Raw Water Pump #2	7/1/04	10	3	8	0	2	$ 8,000	$ 800	
	Old Water Plant High Serv. #2	8/10/08	15	5	4	0	11	$ 9,000	$ 600	
	Old Water Planr High Serv #1	1/20/09	15	5	3	0	12	$ 9,000	$ 600	
	Grimmer Schmidt Compressor	1/1/00	10	5	12	7	5	$ 12,000	$ 1,200	
	Sodium Permanganate Pump	10/1/11	5	5	1	0	4	$ 1,200	$ 240	
	Sodium Permanganate Pump	10/1/11	5	5	1	0	4	$ 1,200	$ 240	
	Carbon Feeder	10/1/11	10	5	1	0	9	$ 16,000	$ 1,600	
	Del-Pac Pump #1	10/1/11	5	5	1	0	4	$ 1,200	$ 240	
	Del-Pac Pump #2	10/1/11	5	5	1	0	4	$ 1,200	$ 240	
	Totals							$ 165,168	$ 13,656	
Distribution	Booster Station Pump #1	1/1/04	15	1	8	0	7	$ 1,800	$ 120	
	Booster Station Pump #2	11/1/06	15	5	6	0	9	$ 1,800	$ 120	
	Totals							$ 3,600	$ 240	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Monitoring Equipment Inventory

Location	Asset	Installed	Expected Useful life	Condition Code	Age	Adjusted Useful Life	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
Water Treatment Plant	Chlorine Analyzer	5/7/97	7	4	12	6	1	$ 3,100	$ 443	Continue with MFG Calibration / Maintenance Schedule. Replace as Needed
	Spectrophotometer	6/18/05	5	1	7	3	1	$ 3,869	$ 774	
	Low Range Turbidimeter	6/19/05	5	3	7	3	1	$ 1,932	$ 386	
	Surface Scatter Turbidimeter	11/17/98	7	5	14	8	1	$ 3,894	$ 779	
	Ph Meter	6/8/02	5	3	10	6	1	$ 555	$ 111	
	Totals							$ 13,350	$ 2,493	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Building and Structure Inventory

Location	Asset	Installed	Expected Useful life	Condition Code	Age	Adjusted Useful Life	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
	Old Water Plant Building	1/1/35	50	2	77	0	-27	$ 40,000	$ 800	
Water	Water Plant	1/1/84	50	4	28	0	22	$ 1,000,000	$ 20,000	Continue with
Treatment	Parts Storage Building	6/1/12	30	5	0	0	30	$ 50,000	$ 1,667	Annual
Plant	Service & Maintance Building	6/1/12	30	5	0	0	30	$ 43,000	$ 1,433	Maintenance
	Booster Station Building	1/1/83	30	5	29	9	10	$ 12,000	$ 400	and Repair.
	Totals							$ 1,145,000	$ 24,300	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.

Vehicles and Heavy Equipment
Inventory

Asset	Installed	Expected Useful life	Condition Code	Age	Adjusted Useful Life	Remaining Useful Life	Replacement Cost	**Annual Reserve	Project Priority (yr)
White 2005 Tool Truck	1/1/05	10	3	7	0	3	$ 40,000	$ 4,000	Continue with MFG Maintenance Schedule. Repair / Replace as Needed
Red 2005 Tool Truck	1/1/05	10	3	7	0	3	$ 36,000	$ 3,600	
416 Cat Back Hoe	1/1/00	20	3	12	0	8	$ 70,000	$ 3,500	
Ditch Witch	1/1/95	20	1	17	0	3	$ 15,000	$ 750	
Totals							$ 161,000	$ 11,850	

* Condition Code (1=Poor, 2=Below Average, 3=Average, 4=Good, 5=Excellent

** Future capital projects to be funded through cash reserve and debt.