Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects

	5 Yr Total	<u> </u>	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component						
Water	1,718,051	140,000	167,771	1,370,280	0	40,000
Wastewater	1,446,000	286,000	20,000	300,000	400,000	440,000
Employee Housing	0	0	0	0	0	0
Fire	0	0	0	0	0	0
Electric	120,000	50,000	20,000	0	50,000	0
Propane	519,000	352,000	167,000	0	0	0
Snow Removal	0	0	0	0	- 0	0
Cable	0	0	0	0	0	0
Parks and Rec	0	0	0	0	0	0
Solid Waste	0	0	0	0	0	0
Operations Shared	0	0	0	0	0	0
Total Capacity Expense	3,803,051	828,000	374,771	1,670,280	450,000	480,000
Replacement Component						
Water	1,944,829	213,500	274,357	199,630	518,002	739,340
Wastewater	2,761,500	561,500	490,000	395,000	645,000	670,000
Employee Housing	65,500	6,500	24,000	4,000	27,500	3,500
Fire	177,500	16,500	51,500	31,500	26,500	51,500
Electric	1,340,500	289,000	106,000	602,000	251,500	92,000
Propane	998,000	66,000	91,000	349,000	461,000	31,000
Snow Removal	405,500	53,000	38,000	38,000	253,000	28,000
Cable	11,000	1,000	1,000	1,000	1,000	7,000
Parks and Rec	25,000	1,500	0	1,500	0	26,500
Solid Waste	0	0	0	0	0	0
Operations Shared	650,000	62,500	291,500	48,000	80,000	168,000
Total Replacement Expense	8,379,329	1,271,000	1,367,357	1,669,630	2,263,502	1,816,840
Total Capital Expense	12,182,380	2,099,000	1,742,128	3,339,910	2,713,502	2,296,840

Kirkwood Meadows Public Utility District

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1-5 1=Critical	Updated 4/21/25				
Type 1 Fire Truck	0	20 years	5					
Total Fire Capacity Expense	0			0	0	0	0	0
Replacement Component								
Hose / Nozzle Replacement	7,500	Annual	11	1,500	1,500	1,500	1,500	1,500
Radio / Communications Equipment	25,000	Annual	1	5,000	5,000	5,000	5,000	5,000
Structure Gear / PPE	50,000	Annual	1	10,000	10,000	10,000	10,000	10,000
Boiler - Fire Bay	35,000	As Needed	2		35,000			
AED	10,000	10 years	1				10,000	
Ladder Replacement	15,000	10 years	3			15,000		
Command Vehicle	0	10 years	5					
Extrication Equipment	35,000	15 years	5					35,000
Type 1 Fire Truck	0	20 years	5					
Type 6 Mini-Pumper Vehicle	0	15 years	5					
Total Fire Replacement Expense	177,500			16,500	51,500	31,500	26,500	51,500
Total Fire Capital Expense	177,500			16,500	51,500	31,500	26,500	51,500

Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects - Parks and Rec

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/21/25				
Total Parks and Rec Capacity Expense	0			0	0	0	0	0
Replacement Component								
Playground Appurtenance Repair/Replace	4,500	Two Years	1	1,500		1,500		1,500
Playground Retaining Wall	25,000	One Time	5					25,000
Total Parks and Rec Replacement Expense	25,000			1,500	0	1,500	0	26,500
Total Parks and Rec Capital Expense	25,000			1,500	0	1,500	0	26,500

Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects - Electric

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/22/2025				
Upgrades the PH/ future capacity (8MW)	0	As Needed	5					
General Electric 218 Rate Study	50,000	Five Years	1	50,000				
Connection Fee Study	20,000	As Needed	2	0.1,000	20,000			
Mini-Excavator (Split with Propane)	50,000	One Time	4				50,000	
Total Electric Capacity Expense	120,000			50,000	20,000	0	50,000	0
Replacement Component								
Direct Burial (Loop Rd, Phase 3) Replacement	250,000	One Time	1	250,000				
Meter Replacements	15,000	Annually	1	3,000	3,000	3.000	3.000	3,000
Radiator Safety Rails	5,000	One Time	1			5.000		
Riser Vaults (8)	40,000	Annually for 4 Years	1	10,000	10,000	10,000	10,000	
Transformer Replacement	100.000	Annually As Needed	1	20,000	20,000	20,000	20,000	20,000
Transformer Retaining Walls	6,000	One Time	1	6,000				
CEMS Screen Replacement	6.000	Two Years	2		3.000		3,000	
Direct Burial (Meadow) Replacement	550,000	One Time	2		50,000	500,000		
LJE Replacement	20,000	Four Years	2		20,000			
Caples Lake Transformer Containment	20,000	One Time	3			20,000		
Direct Burial (Miscellaneous) Replacement	20,000	Two Years	3			20,000		
Out Valley Cabinet (If Damaged) Replacement	20,000	As Needed	4			20,000		
Service Line (Miscellaneous) Replacement	8,000	Two Years	3			4,000		4,000
Distribution Systen FCIs & Wireless System	15,500	One Time	4				15,500	
Powerhouse Radiator Roof	200,000	One Time	4				200,000	
EV Heavy Duty Service Truck (Split with Propane)	0	Ten Years	5					
Lodge Switch Replacement	45,000	One Time	5					45,000
Powerhouse Relay Upgrade	20,000	One Time	5					20,000
Snowmobiles	0	Fifteen Years	5					
Walk-Behind Snowblower	0	Ten Years	5					
Total Electric Replacement Expense	1,340,500			289,000	106,000	602,000	251,500	92,000
Total Electric Capital Expense	1,460,500			339,000	126,000	602,000	301,500	92,000

Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects - Propane

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/30/2025				
Storage				/	100.000			
Phase 1 Tank Canopy	237,000	One Time	1	137,000	100,000			
Distribution Vaporizer Canopy	167,000	One Time	1	100.000	67,000			
Vaporizer (3rd)	115,000	One Time	1	115,000	07,000			
General								
Total Propane Capacity Expense	519,000			352,000	167,000	0	0	0
Replacement Component				¥				
Meter Replacement (Commercial)	40,000	10% a year	1	8,000	8,000	8,000	8,000	8,000
Meter Replacement (Residential)	40,000	10% a year	1	8,000	8,000	8,000	8,000	8,000
Regulator Replacement	75,000	10% a year	1	15,000	15,000	15,000	15,000	15,000
Vaporizer Regulator/Pulser	35,000	15 Years	1	35,000				
Service Line Replacement	660,000	One Time	2		60,000	300,000	300,000	
Transfer Pump Replacement	18,000	Five Years	3			18,000		
Propane Vaporizer Replacement (Oldest)	105,000	Ten Years	4				105,000	
Leak Survey	25,000	Five Years	4				25,000	
EV Heavy Duty Service Truck (Split with Electric)	0	Ten Years	5					
Vaporizer Replacement	0	As Needed	. 5					
Upsize Liquid Line to 2-Inch	0	One Time	5					
Total Propane Replacement Expense	998,000			66,000	91,000	349,000	461,000	31,000
Total Propane Capital Expense	1,517,000			418,000	258,000	349,000	461,000	31,000

Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects - Water

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/28/2025				
			· Cition	1/20/2020				
Distribution	145.000			80,000	65,000			
Hazard Assessment	145,000	One Time	1		65,000		-	
Maganese Treatment Feasibility Study	30,000	One Time	1 1	30,000				
Sample Stations	10,000	One Time	1	10,000				
Well 4/5 Improvement Project	1,473,051	One Time	2		102,771	1,370,280		_
Test Wells	0	As Needed	5					
Well 6 Hydrology Sludy & Permitting	0	One Time	5					
Well 6 Installation	0	As Needed	5					
Storage	0							
Tanks (1.4 Mgal additional)	0	As Needed	5				-	
General Connection Fee Study	20,000	As Needed	1	20,000				
Water/Wastewater 218 Rate Study (Split)	40,000	Five Years	5	20,000				40,000
Total Water Capacity Expense	1,718,051			140,000	167,771	1,370,280	0	40,000
Replacement Component								
Fire Hydrant Replacements	82,500	Annual	1	52,500		10.000	10,000	10,000
Loop Road Main/Asphalt Repair	78.000	One Time	1	78,000				
Lodge Tank Power and Level Sensor	80.000	One Time	1	80,000				
Respirators (Split with WW)	3.000	Five Years	1	3.000				
Distribution System Valve Replacement	50.000	Three Years	2		25,000			25,000
PRV Improvements	249,357	One Time	2		249,357			
Dangburg Tank Access Road Rehabilitaiton	189 630	One Time	3			189,630		
Tank (Dangburg) Recoaling	508.002	Thirty Years	4				508.002	
Operations Building Instrumentation	0	One Time	5					
Remote Read Meler Replacement	0	Twenty over Five Years	5					
Tank (Lodge) Recoating	704.340	Thirty Years	5					704.340
Tank Diving / Inspection	0	Five Years	5					
Tank (Dangburg) Instrumentation Updates	0	One Time	5					
Tank (Lodge) Instrumentation Updates	0	One Time	5					
	0		5					
Well 2 Instrumentation Upgrades	0	One Time	5					
Well 3 Instrumentation Upgrades		One Time	5					
Well 4/5 Instrumentation Upgrades General	0	One Time	5					
EV Light Duty Service Truck (Split w/Solid Waste)	0	Ten Years	5					
Total Water Replacement Expense	1,944,829			213,500	274,357	199,630	518,002	739,340
Total Water Capital Expense	3,662,880			353,500	442,128	1,569,910	518,002	779,340

Kirkwood Meadows Public Utility District
FY 25/26 Capital Improvement Projects - Wastewater

		Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
	5 Yr Total	Сусів	Scale 1~5	Updated	2020-2027	2021-2020	EULU RULU	2020 2000
Capacity Component			1=Critical	4/22/2025				
Collection								
East Lift Upgrade/Replacement (50%)	300,000	Thirty Years	3			300,000		
Main Lift Upgrade/Replacement (50%)	400,000	Thirty Years	4				400,000	150,000
Lower Lift Upgrade/Replacement (50%)	150,000	Thirty Years	5				-	150,000
Treatment								
Black Tank Telemetry	16,000	As Needed	1	16,000				250,000
EQ Tank Replacement (50%)	250,000	As Needed Ten Years	5					230,000
Aeration Blower		Ten rears	J					
Disposal Leachfield Depth Telemetry (Fields 3/4/9)	20,000	One Time	1	20,000				
Effluent Pumps	0	As Needed	5					
Leachfield Expansion	0	As Needed	5					
General								
Wastewater Master Plan	250,000	One Time	2	250,000	20,000	-		
Connection Fee Study	20,000	As Needed Five Years	5		20,000			40,000
Water/Wastewater 218 Rate Study	40,000	Five rears	J J					10,000
Total Wastewater Capacity Expense	1,446,000			286,000	20,000	300,000	400,000	440,000
Replacement Component								
Collection								
Collection Manole Infiltration/Inflow Replacement	170,000	As Needed	11	40,000	40,000	40,000	25,000	25,000
Collection Pipeline Infiltration/Inflow Replacement	195,000	As Needed	1	55,000	35,000	35,000	35,000	35,000
Main Lift Roof Replacement/Hardening	50,000	As Needed	1	50,000				
Respirators (Split with Water)	3,000	Five Years	1	3,000				
WWTP Overhead Door Replacement	3,500	One Time	1	3,500				
East Lift Equipment/Controls Moved from Vault	165,000	One Time	2		165,000			
East Lift Upgrade/Replacement (50% Repl)	300,000	Thirty Years	3			300,000		
Lift Transducers	10,000	Five Years	3			10,000		
Lift Station Pumps	10,000	Three Years	4				10,000	
Main Lift Upgrade/Replacement (50% Repl)	400,000	Thirty Years	4				400,000	
SSMP Update	60,000	Five Years	4				60,000	
Lower Lift Upgrade/Replacement (50% Repl)	150,000	Thirty Years	5					150,000
Treatment								
SCADA/PLC/Controls System Replacement*	200,000	One Time	1	200,000				
WWTP Process Water Pump	200,000	One Time	1	200,000				
Concrete Basin Refurbishment & Recoating	250,000	Thirty Years	2		250,000			
EQ Tank Replacement (50% Replacement)	250,000	One Time	5					250,000

Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects - Wastewater

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
CIP Tank Replacement	0	Thirty Years	5					
Membrane Replacement	0	Fifteen Years	5					
Disposal								
VFD Replacement	30,000	Two Years	1	10,000		10,000		10,000
Effluent Disposal Line	60,000	One Time	4				60,000	
Pumps/Controls, Absorption Beds	35,000	Ten Years	4				35,000	
Leachefield Lateral Replacement	200,000	Twenty Years - Over Three Years	5					200,000
Monitoring Well Replacement & New WDR	0	As Needed	5					
General								
Lift Equipment	20,000	Ten Years	4				20,000	
Washer/Dryer	0	Ten Years	5					
EV Light Duty Service Truck	_0	Ten Years	5					
Walk-Behind Snowblower	0	Ten Years	5					
Total Wastewater Replacement Expense	2,761,500			561,500	490,000	395,000	645,000	670,000
Total Wastewater Capital Expense	4,207,500			847,500	510,000	695,000	1,045,000	1,110,000

Kirkwood Meadows Public Utility District
FY 25/26 Capital Improvement Projects - Employee Housing

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/21/2025				
[No Capital Capacity Improvements]	0		1					
Total Employee Housing Capacity Expense	0			0	0	0	0	0
Replacement Component								
Dishwashers	1,000	Two Years (Until all 7 Replaced, then 10 Years)	1	500		500		
Refrigerators	4,500	Two Years (Until Remaining 5 Replaced, then 10 Years)	. 1	1,500		1,500		1,500
Washers/ Dryers	6,000	Two Years (Until Remaining 3 Replaced, then 10 Years)	1	2,000		2,000		2,000
Window Replacement	5,000	Three Years	1	2,500			2,500	
Flooring	20,000	Two Years (Until all 8 Replaced, then 10 Years)	2		10,000		10,000	
Hot Water Heaters	29,000	Two Years (Until Remaining 5 Replaced, then 10 Years)	2		14,000		15,000	
Door Replacement	0	Ten Years	5					
Total Employee Housing Replacement Expense	65,500			6,500	24,000	4,000	27,500	3,500
Total Employee Housing Capital Expense	65,500			6,500	24,000	4,000	27,500	3,500

Kirkwood Meadows Public Utility District FY 25/26 Capital Improvement Projects - Cable

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/21/25				
[No Capital Capacity Improvements]	0							
Total Cable Capacity Expense	0			0	0	0	0	0
Replacement Component								
Channel 19 Equipment/ Education	5,000	Annual	11	1,000	1,000	1,000	1,000	1,000
Cable Equipment	6,000	Five Years	5					6,000
Total Cable Replacement Expense	11,000			1,000	1,000	1,000	1,000	7,000
Total Cable Capital Expense	11,000	0		1,000	1,000	1,000	1,000	7,000

Kirkwood Meadows Public Utility District

FY 25/26 Capital Improvement Projects - Snow Removal

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1-5 1=Critical	Updated 5/4/25				
				0	0	0	0	
Total Snow Removal Capacity Expense	0							
Replacement Component								
Blade Repair (2)	4,500	As Needed	11	4,500				
950F & 950GC Tires	18,000	3 Years w/5 Year Spacing	1		8,000	10,000		
Trackless Tires	15,000	Annual	111	3,000	3,000	3,000	3,000	3,000
Trackless Repairs (Clutch/Box/Frame Repairs)	33,500	As Needed	111	33,500				
924 ECU	11,000	As Needed	-1	11,000				
RPM 215 Wiring Harness	1,000	One Time	2	1,000				
ICE Light Duty Service Truck	0	Ten Years	1					
Exhaust / Fume Collection (Split w/Shared)	15,000	One Time	2		15,000			
924G Tires	12,000	Five Years	2		12,000			
Diesel Fill Station (Powerhouse)	20,000	One Time	3			20,000		
Gantry Crane	5,000	One Time	3			5,000		
Trackless Replacement	250,000	As Needed	. 4				250,000	
RPM Upper Assembly Manufacturer Refurb.	25,000	Five Years	5					25,000
RPM Replacement	0	Twenty Years	5					
Total Snow Removal Replacement Expense	405,500			53,000	38,000	38,000	253,000	28,000
Total Snow Removal Capital Expense	405,500			53,000	38,000	38,000	253,000	28,000

Kirkwood Meadows Public Utility District
FY 25/26 Capital Improvement Projects - Solid Waste

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/22/25				
[No Capital Capacity Improvements]	0							
Total Solid Waste Capacity Expense	0			0	0	0	0	0
Replacement Component								
Dumpsters	0	As Needed	5					
EV Light Duty Service Truck (Split w/Water)	0	Ten Years	5					
Recycling	0	As Needed	5					
Total Solid Waste Replacement Expense	0			0	0	0	0	0
Total Solid Waste Capital Expense	0			0	0	0	0	0

Kirkwood Meadows Public Utility District
FY 25/26 Capital Improvement Projects - Operations Shared

	5 Yr Total	Cycle	Priority	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Capacity Component			Scale 1~5 1=Critical	Updated 4/30/25				
[No Capital Capacity Improvements]								
otal Operations_Shared Capacity Expense	0			0	0	0	0	0
Replacement Component								
Asphalt Repair	140,000	Annual	1	20,000	40,000	20,000	40,000	20,000
Computers	25,000	Annual	1	5,000	5,000	5,000	5,000	5,000
Fire Bay/Shop LED Light Fixture Upgrade	5,000	One Time	1	5,000				
Roof Heat Tape - Shop	5,000	One Time	1	5,000				
Office Equipment	15,000	Biannual	1	5,000		5,000		5,000
Sensus Flexnet Handheld	4,500	Five Years	1	4,500				
Vehicle Tires	24,000	Biannual	1	6,000	3,000	6,000	3,000	6,000
Tools	60.000	Annual	1	12,000	12,000	12,000	12,000	12,000
Backhoe	180,000	Fifteen Years	2		180,000			
Exhaust / Fume Collection (Split w/Snow Rem.)	15,000	One Time	2		15,000			
Fall Protection	1,500	Five Years	2		1,500			
Heat Pumps & Infrastructure @ CSB (Phase 2)	35,000	One Time	2		35,000			
CSB Window Replacement	20,000	Ten Years	4				20,000	
CSB Carpet Replacement	0	Fifteen Years	5					
Mud Room Concrete Floor & Pallet Racks	120,000	One Time	5					120,000
Scaffolding	0	Ten Years	5					
Shoring	0	Fifteen Years	5					
Walk-Behind Snowblower	0	Ten Years	5					
otal Operations_Shared Replacement Expens	650,000			62,500	291,500	48,000	80,000	168,000
otal Operations Shared Capital Expense	650,000			62,500	291,500	48,000	80,000	168,000