ELECTRIC PRODUCTION 800,000 El Vado Transformer Replacement 400,000 Abiquiu Office Replacement 150,000 It Vado Penstock Evaluation 100,000 Re-design & Install El Vado Shaft Seal 150,000 ELECTRIC DISTRIBUTION 750,000 Replace Switches (SC1305A, SC1309, SC1309A, SC1401A2, SC1803) w/ new conductors 200,000 Replace Formary conductors - Cheryl Ct., Connie Ave. 200,000 White Rock GWS & ED Facility 50,000 Overhead System Replacement (polex, xarms, transformers) 300,000 Replace Poles and Crossarms - 6152, 6154, 6137, 6138, 6143, 6144, 6034, 6011, 6002, 6037 Remove Open Secondary - Bandelier, Carslbad, Agate, Aztec, Beryl, Sherwood, Barisa Del Sol GWS/GA Facilities at WR WWTP 50,000 Border Stations Metering/Overpressure Control/SCADA 300,000 WATER DISTRIBUTION 150,000 GWS/DW Facilities at WR WWTP 50,000 Barranca Mesa Area PRV Station 100,000 WATER PRODUCTION 9,656,926 Risk Assess/ Emergency Response Plan 120,000 Camp May Waterline (S2M Country / S2M Other) 1,900,000 Camp May Waterline (S2M Country / S2M Other)<	FY21 (1 July 2020 - 30 June 2021)	Budget
El Vado Transformer Replacement	ELECTRIC PRODUCTION	800.000
Abiquiu Office Replacement 150,000	El Vado Transformer Replacement	
El Vado Penstock Evaluation 100,000 Re-design & Install El Vado Shaft Seal 150,000 150		
Replace Switches (SC1305A, SC1309, SC1309A, SC1401A2, SC1803) w/ new conductors 200,000 Replace Switches (SC1305A, SC1309, SC1309A, SC1401A2, SC1803) w/ new conductors 200,000 Replace primary conductors - Cheryl Ct., Connie Ave. 200,000 White Rock GWS & E0 Facility 50,000 Overhead System Replacement (polex, xarms, transformers) 300,000 Replace Poles and Crossarms - 6152, 6154, 6137, 6138, 6143, 6144, 6034, 6011, 6002, 6037 Remove Open Secondary - Bandelier, Carsibad, Agate, Aztec, Beryl, Sherwood, Barisa Del Sol GAS DISTRIBUTION 350,000 GWS/GA Facilities at WR WWTP 50,000 Border Stations Metering/Overpressure Control/SCADA 300,000 WATER DISTRIBUTION 150,000 GWS/DW Facilities at WR WWTP 50,000 Barranca Mesa Area PRV Station 100,000 WATER PRODUCTION 9,656,926 Risk Assess/ Emergency Response Plan 120,000 Camp May Waterline (\$2M County / \$2M Other) 4,000,000 Camp May Waterline (\$2M County / \$2M Other) 50,000 Tank Piping Upgrades 300,000 Bayo Booster Station Tank (NP-WTB) 1,080,000 Bayo Booster Station Tank (NP-WTB) 1,080,000 LA Reservoir Road Stabilization Project (NP - FEMA) 2,206,926 WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL 14,850,856	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Replace Switches (SC1305A, SC1309, SC1309A, SC1401A2, SC1803) w/ new conductors Replace primary conductors - Cheryl Ct., Connie Ave. 200,000 White Rock GWS & ED Facility 50,000 Overhead System Replacement (polex, xarms, transformers) Replace Poles and Crossarms - 6152, 6154, 6137, 6138, 6143, 6044, 6034, 6011, 6002, 6037 Remove Open Secondary - Bandelier, Carslbad, Agate, Aztec, Beryl, Sherwood, Barisa Del Sol GAS DISTRIBUTION GWS/GA Facilities at WR WWTP 50,000 Border Stations Metering/Overpressure Control/SCADA 300,000 WATER DISTRIBUTION GWS/DW Facilities at WR WWTP 50,000 Barranca Mesa Area PRV Station 100,000 WATER PRODUCTION Risk Assess/ Emergency Response Plan Camp May Waterline (\$2M County / \$2M Other) Camp May Waterline (\$2M County / \$2M Other) Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC 1,900,000 WP Facilities at WR WWTP 50,000 Tank Piping Upgrades Bayo Booster Station Tank (NP-WTB) LA Reservoir Road Stabilization Project (NP - FEMA) 50,000 GWS/WC Facilities at WR WWTP 50,000 GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000	Re-design & Install El Vado Shaft Seal	•
Replace Switches (SC1305A, SC1309, SC1309A, SC1401A2, SC1803) w/ new conductors Replace primary conductors - Cheryl Ct., Connie Ave. 200,000 White Rock GWS & ED Facility 50,000 Overhead System Replacement (polex, xarms, transformers) Replace Poles and Crossarms - 6152, 6154, 6137, 6138, 6143, 6044, 6034, 6011, 6002, 6037 Remove Open Secondary - Bandelier, Carslbad, Agate, Aztec, Beryl, Sherwood, Barisa Del Sol GAS DISTRIBUTION GWS/GA Facilities at WR WWTP 50,000 Border Stations Metering/Overpressure Control/SCADA 300,000 WATER DISTRIBUTION GWS/DW Facilities at WR WWTP 50,000 Barranca Mesa Area PRV Station 100,000 WATER PRODUCTION Risk Assess/ Emergency Response Plan Camp May Waterline (\$2M County / \$2M Other) Camp May Waterline (\$2M County / \$2M Other) Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC 1,900,000 WP Facilities at WR WWTP 50,000 Tank Piping Upgrades Bayo Booster Station Tank (NP-WTB) LA Reservoir Road Stabilization Project (NP - FEMA) 50,000 GWS/WC Facilities at WR WWTP 50,000 GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WP SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000	ELECTRIC DISTRIBUTION	750.000
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GWS/GA Facilities at WR WWTP Border Stations Metering/Overpressure Control/SCADA WATER DISTRIBUTION GWS/DW Facilities at WR WWTP 50,000 Barranca Mesa Area PRV Station MATER PRODUCTION Risk Assess/ Emergency Response Plan Camp May Waterline (\$2M County / \$2M Other) Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC WP Facilities at WR WWTP Tank Piping Upgrades Bayo Booster Station Tank (NP-WTB) LA Reservoir Road Stabilization Project (NP - FEMA) WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL WASTEWATER TREATMENT HARDON.	GAS DISTRIBUTION	350.000
Border Stations Metering/Overpressure Control/SCADAWATER DISTRIBUTION150,000GWS/DW Facilities at WR WWTP50,000Barranca Mesa Area PRV Station100,000WATER PRODUCTION9,656,926Risk Assess/ Emergency Response Plan120,000Camp May Waterline (\$2M County / \$2M Other)4,000,000Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC1,900,000WP Facilities at WR WWTP50,000Tank Piping Upgrades300,000Bayo Booster Station Tank (NP-WTB)1,080,000LA Reservoir Road Stabilization Project (NP - FEMA)2,206,926WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL14,850,856WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL50,000WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL50,000	GWS/GA Facilities at WR WWTP	
GWS/DW Facilities at WR WWTP Barranca Mesa Area PRV Station WATER PRODUCTION Risk Assess/ Emergency Response Plan Camp May Waterline (\$2M County / \$2M Other) Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC WP Facilities at WR WWTP Tank Piping Upgrades Bayo Booster Station Tank (NP-WTB) LA Reservoir Road Stabilization Project (NP - FEMA) WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL WASTEWATER TREATMENT WASTEWATER TREATMENT 14,800,856	·	
Barranca Mesa Area PRV Station100,000WATER PRODUCTION9,656,926Risk Assess/ Emergency Response Plan120,000Camp May Waterline (\$2M County / \$2M Other)4,000,000Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC1,900,000WP Facilities at WR WWTP50,000Tank Piping Upgrades300,000Bayo Booster Station Tank (NP-WTB)1,080,000LA Reservoir Road Stabilization Project (NP - FEMA)2,206,926WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL14,850,856SEWER COLLECTION GWS/WC Facilities at WR WWTP50,000	WATER DISTRIBUTION	150,000
WATER PRODUCTION9,656,926Risk Assess/ Emergency Response Plan120,000Camp May Waterline (\$2M County / \$2M Other)4,000,000Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC1,900,000WP Facilities at WR WWTP50,000Tank Piping Upgrades300,000Bayo Booster Station Tank (NP-WTB)1,080,000LA Reservoir Road Stabilization Project (NP - FEMA)2,206,926WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL14,850,856WASTEWATER TREATMENT50,000GWS/WC Facilities at WR WWTP50,000	GWS/DW Facilities at WR WWTP	50,000
Risk Assess/ Emergency Response Plan 120,000 Camp May Waterline (\$2M County / \$2M Other) 4,000,000 Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC 1,900,000 WP Facilities at WR WWTP 50,000 Tank Piping Upgrades 300,000 Bayo Booster Station Tank (NP-WTB) 1,080,000 LA Reservoir Road Stabilization Project (NP - FEMA) 2,206,926 WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL 14,850,856 SEWER COLLECTION 50,000 GWS/WC Facilities at WR WWTP 50,000	Barranca Mesa Area PRV Station	100,000
Risk Assess/ Emergency Response Plan 120,000 Camp May Waterline (\$2M County / \$2M Other) 4,000,000 Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC 1,900,000 WP Facilities at WR WWTP 50,000 Tank Piping Upgrades 300,000 Bayo Booster Station Tank (NP-WTB) 1,080,000 LA Reservoir Road Stabilization Project (NP - FEMA) 2,206,926 WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL 14,850,856 SEWER COLLECTION 50,000 GWS/WC Facilities at WR WWTP 50,000	WATER PRODUCTION	9,656,926
Camp May Waterline (\$2M County / \$2M Other) 4,000,000 Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC 1,900,000 WP Facilities at WR WWTP 50,000 Tank Piping Upgrades 300,000 Bayo Booster Station Tank (NP-WTB) 1,080,000 LA Reservoir Road Stabilization Project (NP - FEMA) 2,206,926 WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL 14,850,856 SEWER COLLECTION 50,000 GWS/WC Facilities at WR WWTP 50,000	Risk Assess/ Emergency Response Plan	
WP Facilities at WR WWTP Tank Piping Upgrades 300,000 Bayo Booster Station Tank (NP-WTB) LA Reservoir Road Stabilization Project (NP - FEMA) WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	Camp May Waterline (\$2M County / \$2M Other)	4,000,000
Tank Piping Upgrades Bayo Booster Station Tank (NP-WTB) LA Reservoir Road Stabilization Project (NP - FEMA) WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	Otowi Well #2 bldg./Equipment & Pajarito Well #4 MCC	1,900,000
Bayo Booster Station Tank (NP-WTB) 1,080,000 LA Reservoir Road Stabilization Project (NP - FEMA) 2,206,926 WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL 14,850,856 SEWER COLLECTION 50,000 GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	WP Facilities at WR WWTP	50,000
LA Reservoir Road Stabilization Project (NP - FEMA) WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	Tank Piping Upgrades	300,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL SEWER COLLECTION GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	Bayo Booster Station Tank (NP-WTB)	1,080,000
SEWER COLLECTION 50,000 GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	LA Reservoir Road Stabilization Project (NP - FEMA)	2,206,926
GWS/WC Facilities at WR WWTP 50,000 WASTEWATER TREATMENT 14,800,856	WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	14,850,856
WASTEWATER TREATMENT 14,800,856		
• •	GWS/WC Facilities at WR WWTP	50,000
• •	WASTEWATER TREATMENT	14.800.856
	WR WWTP Replacement Project - Construction	

FY22 (1 July 2021 - 30 June 2022)	Budget
ELECTRIC PRODUCTION	980,000
El Vado Controls Upgrade	440,000
El Vado Ultrasonic Flow Meter	90,000
Fiber Optic Line Spills Substation to Hydroelectric Plant	350,000
Abiquiu Transformer Replacement	100,000
ELECTRIC DISTRIBUTION	700,000
Los Alamos URD Replacement (cables, jboxes, pedestals)	200,000
White Rock URD Replacement (cables, jboxes, pedestals)	200,000
Overhead System Replacement (polex, xarms, transformers)	300,000
Townsite Circuit 16, 3 PHASE	
White Rock Circuit1, 1 PHASE	
GAS DISTRIBUTION	816,000
White Rock Key Steel Valve Project Phase 1	281,000
Alamo & Capulin (PW Road Project)	535,000
WATER DISTRIBUTION	732,000
Alamo & Capulin (PW Road Project)	732,000
WATER PRODUCTION	1,575,000
2nd Group 12 Tank (NP - WTB)	900,000
Repaint Barranca Mesa Tank 2	675000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	550,000
	353,555
SEWER COLLECTION	550,000
Bayo Canyon Sewer Lift Station Elimination Pipeline	550000
WASTEWATER TREATMENT	0

FY23 (1 July 2022 - 30 June 2023)	Budget
ELECTRIC PRODUCTION	400,000
Abiquiu Runner Repair /Rplacement	400,000
ELECTRIC DISTRIBUTION	700,000
Los Alamos URD Replacement (cables, jboxes, pedestals)	200,000
White Rock URD Replacement (cables, jboxes, pedestals)	200,000
Overhead System Replacement (polex, xarms, transformers)	300,000
Townsite Ski Hill Circuit, 3 PHASE	·
White Rock Circuit2, 1 PHASE	
GAS DISTRIBUTION	290,000
White Rock Key Steel Valve Project Phase 2	290,000
WATER DISTRIBUTION	0
North Mesa Distribution Upgrades - Phase 1	
WATER PRODUCTION	5,490,000
Abandon Guaje Well 1A & Drill New Guaje Well 1B	4,500,000
Guaje Pines, North Mesa, Diamond Connections (NP - WTB)	990,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	479,000
SEWER COLLECTION	179,000
Arkansas Area Backyard Sewer Mains & Services R&R	179,000
WASTEWATER TREATMENT	300,000
Equipment/Vehicle Replacement	300,000

FY24 (1 July 2023 - 30 June 2024)	Budget
ELECTRIC PRODUCTION	(
ELECTRIC DISTRIBUTION	2,766,667
Los Alamos URD Replacement (cables, jboxes, pedestals)	300,000
White Rock URD Replacement (cables, jboxes, pedestals)	300,000
Overhead System Replacement (polex, xarms, transformers)	500,000
Townsite Circuit 15, 1 PHASE	,
White Rock Circuit 1, Wire 3 PHASE	
EA-4 Power Line Replacement	1,666,667
GAS DISTRIBUTION	299,000
White Rock Key Steel Valve Project Phase 2	299,000
WATER DISTRIBUTION	(
North Mesa Distribution Upgrades - Phase 2	
WATER PRODUCTION	2,070,000
Repaint Western Area Tank	350,000
Repaint Guaje Booster Station 1 Tanks 1 & 2	550,000
Repaint Guaje Booster Station 2 Tanks 1 & 2	450,000
LA WWTP NP Feed Pipeline (NP - WTB)	720,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	2,800,000
SEWER COLLECTION	0
Laguna Sewer Canyon Drop Replacement	
WASTEWATER TREATMENT	2,800,000
LA LA DA CERTO EN LA	2 5 2 2 2 2 2 2

2,500,000 300,000

LA WWTP Filtration Upgrade Equipment/Vehicle Replacement

FY25 (1 July 2024 - 30 June 2025)		Budget
ELECTRIC PRODUCTION		(
ELECTRIC DISTRIBUTION		2,766,667
Los Alamos URD Replacement (cables, jboxes, pedestals)		300,000
White Rock URD Replacement (cables, jboxes, pedestals)		300,000
Overhead System Replacement (polex, xarms, transformers)		500,000
Townsite Circuit 13, 1 PHASE		
White Rock Circuit2, Wire 3 PHASE		
EA-4 Power Line Replacement		1,666,667
GAS DISTRIBUTION		307,000
Pipeline Repair & Replacement / Equipment		307,000
WATER DISTRIBUTION		c
Aspen School Area Pipeline Phase 1		
WATER PRODUCTION		2,102,000
Townsite 14" Pipeline R&R - Phase 1		922,000
Repaint Guaje Booster Station 3 Tank 1 & 2		700,000
Bayo Booster Station Upgrades (NP - WTB)		480,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL		176,000
SEWER COLLECTION	176,000	
Aspen School Area Sewerline R&R - Phase 1	-	
North Community Backyard Sewer Mains & Services R&R - Phase 1	176,000	

FY26 (1 July 2025 - 30 June 2026)		Budget
ELECTRIC PRODUCTION		(
ELECTRIC PRODUCTION		
ELECTRIC DISTRIBUTION		2,766,66
Los Alamos URD Replacement (cables, jboxes, pedestals)		300,000
White Rock URD Replacement (cables, jboxes, pedestals)		300,000
Overhead System Replacement (polex, xarms, transformers)		500,000
Townsite Circuit 16, 1 PHASE		,
White Rock Circuit1, Wire 1 PHASE		
EA-4 Power Line Replacement		1,666,667
GAS DISTRIBUTION		317,000
Pipeline Repair & Replacement / Equipment		317,000
WATER DISTRIBUTION		
Aspen School Area Pipeline Phase 2		
WATER PRODUCTION		2,754,000
Townsite 14" Pipeline R&R - Phase 2		950,000
Barranca Mesa NP Pipeline Connections (NP-WTB/\$402k Grant/\$268k Loan/\$134k	DPU Match)	804,000
Repaint Pajarito Tank 4A	,	1,000,00
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL		498,00
SEWER COLLECTION	181,000	
North Community Backyard Sewer Mains & Services R&R - Phase 2	181,000	
WASTEWATER TREATMENT	317,000	
Equipment / Vehicle	317,000	

FY27 (1 July 2026 - 30 June 2027)	Budget
ELECTRIC PRODUCTION	
ELECTRIC DISTRIBUTION	2,100,00
Los Alamos URD Replacement (cables, jboxes, pedestals)	300,00
White Rock URD Replacement (cables, jboxes, pedestals)	300,00
Overhead System Replacement (polex, xarms, transformers)	500,00
Townsite Circuit 16, 1 PHASE	
White Rock Circuit1, Wire 1 PHASE	
East Gate Substation	1,000,00
GAS DISTRIBUTION	326,00
Pipeline Repair & Replacement / Equipment	326,00
WATER DISTRIBUTION Aspen School Area Pipeline - Phase 3	
WATER PRODUCTION	2,359,00
Townsite 14" Pipeline R&R - Phase 3	979,00
Repaint North Mesa Tank	600,00
Chamisa School Pipeline / Connections (NP-WTB/\$390k Grant/\$260k Loan/\$130k DPU Match)	780,00
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	505,00
SEWER COLLECTION 50	5,000
Old Pueblo Sewer Canyon Drop Replacement 40	0,000
41st/45th/46th/47th Sewerline R&R {PW-WA 7}	5,000
Aspen School Area Sewerline R&R Phase 3	
WASTEWATER TREATMENT	0

FY28 (1 July 2027 - 30 June 2028)	Budget
ELECTRIC PRODUCTION	C
ELECTRIC DISTRIBUTION	2,100,000
Los Alamos URD Replacement (cables, jboxes, pedestals)	300,000
White Rock URD Replacement (cables, jboxes, pedestals)	300,000
Overhead System Replacement (polex, xarms, transformers)	500,000
Townsite Circuit 16, 1 PHASE	
White Rock Circuit1, Wire 1 PHASE	
East Gate Substation	1,000,000
GAS DISTRIBUTION	336,000
Pipeline Repair & Replacement / Equipment	336,000
WATER DISTRIBUTION	O
Aspen School Area Pipeline - Phase 4	
WATER PRODUCTION	6,653,000
Townsite 14" Pipeline R&R - Phase 4	1,008,000
Repaint Otowi Booster Station 1 Tank 2	325,000
Otowi Booster Station 1 & Pipeline Replacement	4,000,000
Rover & Pinon Park Pipeline / Connections (NP-WTB/\$660k Grant/\$440k Loan/\$220k DPU Match)	1,320,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	(
SEWER COLLECTION	0
Aspen School Area R&R - Phase 4	
WASTEWATER TREATMENT	0

FY29 (1 July 2028 - 30 June 2029)	Budget	
ELECTRIC PRODUCTION	0	
ELECTRIC DISTRIBUTION	2,100,000	
Los Alamos URD Replacement (cables, jboxes, pedestals)	300,000	
White Rock URD Replacement (cables, jboxes, pedestals)	300,000	
Overhead System Replacement (polex, xarms, transformers)	500,000	
Townsite Circuit 16, 1 PHASE		
White Rock Circuit1, Wire 1 PHASE		
East Gate Substation	1,000,000	
GAS DISTRIBUTION	345,000	
Pipeline Repair & Replacement / Equipment	345,000	
WATER DISTRIBUTION	0	
	0	
WATER PRODUCTION	1,806,000	
Otowi Well No. 4 Tank (Anniversary) Construct Second Tank	1,386,000	
SCADA Upgrades (NP-WTB/\$210k Grant/\$140k Loan/\$70k DPU Match)	420,000	
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	1,147,000	
SEWER COLLECTION	800,000	
Airport Canyon Sewer Canyon Drop Replacement	800,000	
WASTIMATED TOFATMENT	247.000	
WASTEWATER TREATMENT	347,000	
Equipment/Vehicle Replacement	347,000	

FY30 (1 July 2029 - 30 June 2030)		Budget
ELECTRIC PRODUCTION		0
ELECTRIC DISTRIBUTION	1	1,100,000
Los Alamos URD Replacement (cables, jboxes, pedestals)		300,000
White Rock URD Replacement (cables, jboxes, pedestals)		300,000
Overhead System Replacement (polex, xarms, transformers)		500,000
Townsite Circuit 16, 1 PHASE		
White Rock Circuit1, Wire 1 PHASE		
GAS DISTRIBUTION		355,000
Pipeline Repair & Replacement / Equipment		355,000
WATER DISTRIBUTION		0
WATER PRODUCTION		420,000
Camp May Tank SCADA/Freeze Protect (NP-WTB/\$210k Grant/\$140k Loan/\$70k DPU Match))	420,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL		595,000
SEWER COLLECTION	595,000	
Copper Road Sewer Canyon Drop Replacement	595,000	
WASTEWATER TREATMENT	0	

FY31 (1 July 2030 - 30 June 2031)	Budget
ELECTRIC PRODUCTION	
ELECTRIC DISTRIBUTION	1,100,000
Los Alamos URD Replacement (cables, jboxes, pedestals)	300,000
White Rock URD Replacement (cables, jboxes, pedestals)	300,000
Overhead System Replacement (polex, xarms, transformers)	500,000
Townsite Circuit 16, 1 PHASE	
White Rock Circuit1, Wire 1 PHASE	
GAS DISTRIBUTION	365,000
Pipeline Repair & Replacement / Equipment	365,000
WATER DISTRIBUTION	(
	4 252 224
WATER PRODUCTION	1,360,000
West Pajarito Road Pipeline R&R - Phase 2	1,150,000
Pipeline Repair & Replacement / Equipment (NP - WTB)	210,000
WASTEWATER TREATMENT AND SEWER COLLECTION TOTAL	6,815,000
SEWER COLLECTION	515,000
Camino Cereza Sewer Canyon Drop Replacement	515,000
WASTEWATER TREATMENT	6,300,000
WR WWTP 10-Year Upgrade	2,100,000
LA WWTP 23-Year Upgrade	4,200,000

ELECTRIC PRODUCTION FY21: El Vado Transformer Replacement

Project Scope: The transformer at the El Vado Hydroelectric Plant is in need of replacement. The transformer oil is tested every year and has been showing signs of degradation in recent years. The transformer has been in service since 1987.

Budget: \$400,000

Schedule: Fall/Winter 2020



ELECTRIC PRODUCTION

FY21: Abiquiu Hydroelectric Plant Office Replacement

Project Scope: A recent inspection by our insurance company representative raised a safety concern of personnel in the existing office are at risk due to the plant transformer being located adjacent to the office. In addition, the plant transformer is scheduled for replacement in FY 2021 and is nearly inaccessible. Removing the existing office may provide an opportunity to easily access the transformer for replacement.

Budget: \$150,000

Schedule: Fall/Winter 2020

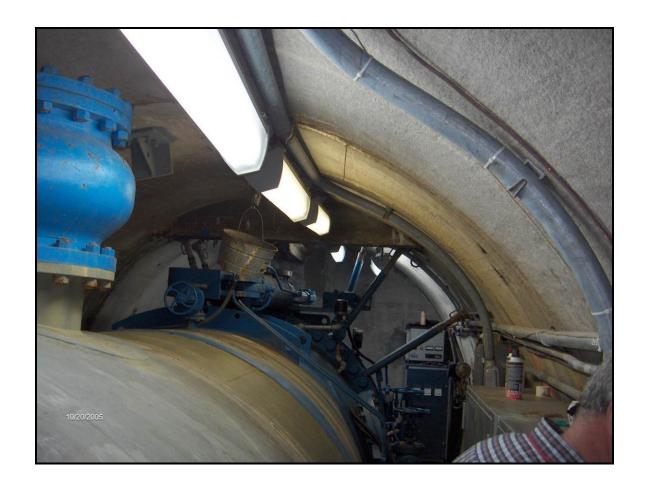


ELECTRIC PRODUCTION FY21: El Vado Penstock Valve Evaluation

Project Scope: The existing penstock valve is located beneath the lake in the plant's penstock tunnel. The condition and a plan to replace or recondition the valve will be developed. This work is planned prior to the scheduled El Vado Dam refurbishment which will present an opportunity to replace or refurbish the penstock valve while the lake level is lowered significantly.

Budget: \$100,000

Schedule: Fall 2020



ELECTRIC PRODUCTION FY21: El Vado Shaft Seal Re-Design

Project Scope: After refurbishment of the turbine and generator in 2018 the shaft seal has been wearing prematurely. This was also a complication during the commissioning of the refurbished turbine/generator. A new design which is self-lubricating is planned to ensure a long lasting operation.

Budget: \$150,000

Schedule: Winter 2020/20021



ELECTRIC DISTRIBUTION

FY21: Overhead System Replacement

Project Scope: Many components of the utilities' overhead infrastructure operate near or past their useful plant life; greater than 50 years. The department's Asset Management Program (AMP) prioritizes O&M projects on (a) root cause analysis after power outages, (b) quarterly line patrols, and (c) year-end assessments. The O&M program includes: replacement of power poles, cross-arms, and revamps (wire & transformer upgrades). Priority is placed on the three phase backbone and areas affecting the highest number of consumers.

1. White Rock service area

\$150,000.

2. Los Alamos service area

\$150,000.

Budget: \$ 300,000

Schedule: Year round design and construction









ELECTRIC DISTRIBUTION

FY21: URD (UG residential distribution) Replacements

Project Scope: The underground system contains 1970s infrastructure which was direct-buried and in direct contact with the earth. Portions or segments of the underground system which have experienced 3 or more failures are targeted for replacement because they will fail again. Old and obsolete live-front transformers are routinely replaced due to safety and arc-flash concerns. New loop segments are designed for radial power lines which serve large amounts of customers.

1. Los Alamos town site area after three failure replacements

\$200,000.

2. White Rock area after three failure replacements

\$200,000.

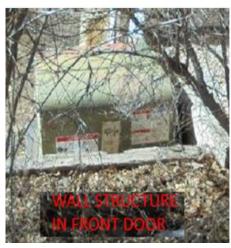
Budget: \$ 400,000

Schedule: Year round design and construction













GAS DISTRIBUTION / WATER DISTRIBUTION / ELECTRIC DISTRIBUTION / WATER DISTRIBUTION

FY21: White Rock Maintenance Facility

Project Scope: Currently there are no facilities in White Rock where our operations staff can store materials or work on equipment. A lot of time is spent driving from Los Alamos to White Rock for materials and to use shop tools. The new maintenance facility will facilitate daily activities and provide efficiencies to operational tasks. The facility will be located at Overlook Park.

	Total	\$200,000
	Water Production	\$ 50,000
	Water Distribution	\$ 50,000
	Gas Distribution	\$ 50,000
Budget:	Electric Distribution	\$ 50,000

Schedule: Spring 2021



GAS DISTRIBUTION

FY21: Border Stations Metering / Over-pressure Protection / SCADA

Project Scope: Improvements to two border stations in Los Alamos and one in White Rock will be made. The border stations are the locations where New Mexico Gas Company delivers gas to the County. These improvements will provide over pressure protection, metering and SCADA functions that will allow DPU to monitor and trend the flows and pressures at these critical points in the gas distribution system.

Budget: \$300,000

Schedule: Spring 2021



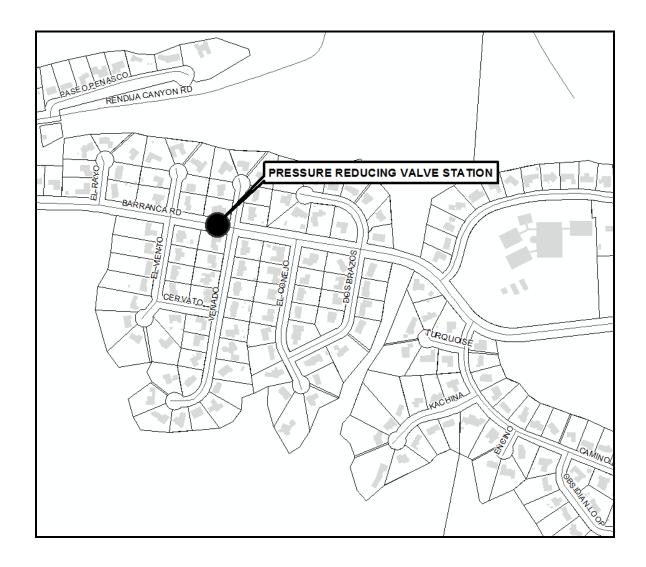
WATER DISTRIBUTION

FY21: Barranca Mesa PRV Replacement

Project Scope: In preparation for painting Barranca Mesa Tank #2 in FY2022, a new pressure reducing valve station will be installed to serve the Barranca Mesa Tank #2 service area while the tank is taken offline to paint.

Budget: \$100,000

Schedule: Spring 2021

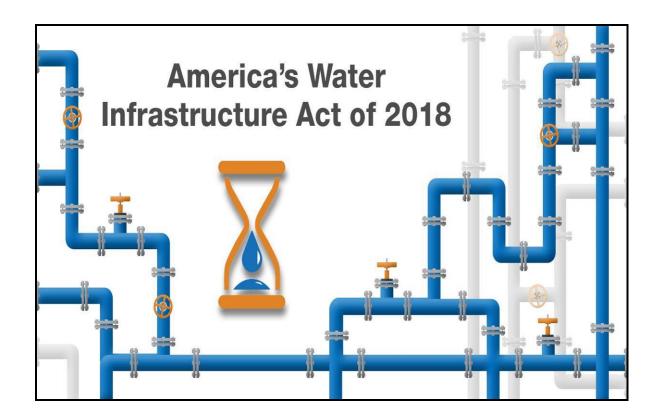


FY21: Risk Assessment / Emergency Response Plan

Project Scope: The America's Water Infrastructure Act of 2018 requires utilities serving more than 3,000 people to prepare a Risk and Resilience Assessment and prepare an Emergency response Plan. The Risk and Resilience Assessment is required to be complete by June 30, 2021. The Emergency Response Plan must be completed by December 31, 2021. Utilities must certify to the Environmental Protection Agency completion of each.

Budget: \$ 120,000

Schedule: Complete by June 30, 2021



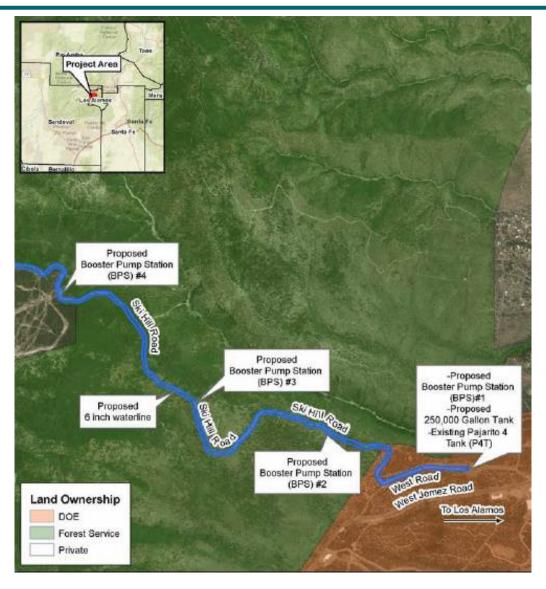
FY21: Camp May Waterline

Project Scope: The project will convey water from the existing potable water system in Los Alamos to the ski lodge, Camp May campground and provide a reliable water supply for regional fire protection. Four booster stations and 23,000 feet of waterline will be constructed along Camp May Road. The design has been completed with funding from a capital outlay grant and environmental documents are being finalized for submission to the U.S. Forest Service.

Budget: \$2,000,000 Los Alamos County (No DPU Funds)

\$2,000,000 Ski Hill Operator

Schedule: Construction Pending Environmental Clearance



FY21: Otowi Well No. 2 Well House & Equipment Otowi Well #4 Motor Control Replacement

Project Scope: Otowi Well #2 was drilled in 2018/2019. An engineer has been contracted to design the well house, pumps and associated equipment. Otowi Well #4 which is located in the same vicinity has a motor control center which needs replacement. The design contract also includes the design of the new motor control center for this well. The funding in FY 2021 is for the construction of both projects.

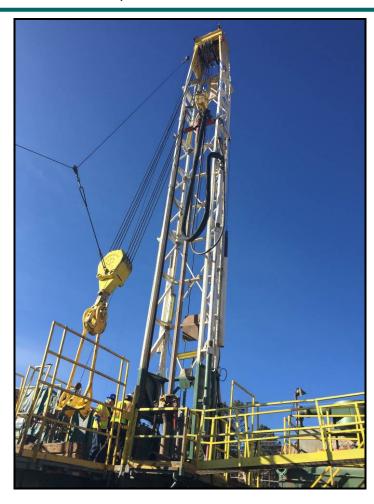
Budget: Otowi Well #4 MCC \$400,000

Otowi Well #2 Well House & Equipment \$ 1,500,000

Total \$ 1,900,000

Schedule: Bid for construction Fall 2020

Construction complete Summer 2021



FY21: Tank Piping Upgrades

Project Scope: Miscellaneous valves throughout the water production system require replacement after decades of being in service. The valves will be replaced by water production staff and supported by contractors as needed depending on the complexity of the work. These improvements will add to the reliability of the system.

Budget: \$300,000

Schedule: Throughout Year

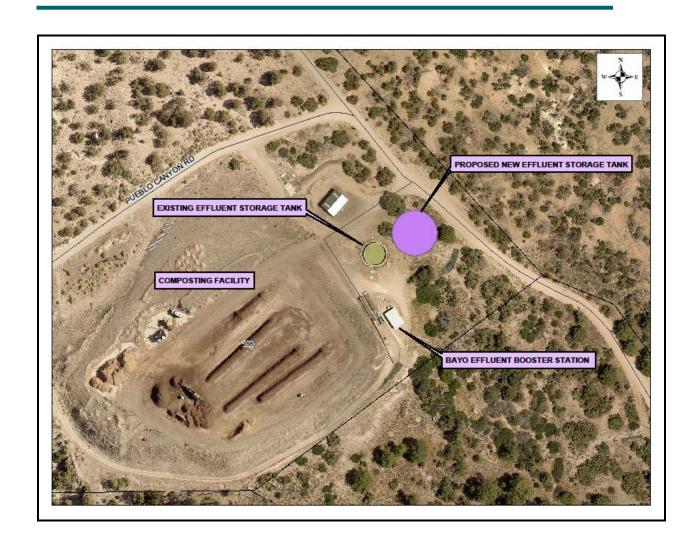


FY21: Non-Potable New Tank at Bayo Booster

Project Scope: Install a new 1 million-gallon effluent storage tank at the bayo booster station adjacent to the composting operation. The Los Alamos effluent system is limited to the amount of effluent water that can be used in the community due to limited storage. The new tank will allow effluent water to be captured during peak times that is normally discharge to the environment, making it available to pump to the Golf Course, North Mesa Ball Fields and other locations. The Water Trust Board has awarded the County \$900,000 for the project.

Budget: \$1,080,000 (\$360,000 Loan / \$540,000 Grant / \$180,000 Match)

Schedule: Spring/Summer 2021



FY21: L.A. Reservoir Road Stabilization Project

Project Scope: The DPU applied for a FEMA mitigation grant to stabilize the road to the Los Alamos Reservoir to protect the road and utilities from damage from flooding. Phase I of the grant has been completed which is the design and environmental documents. Environmental approvals have been secured and we are awaiting funds to be authorized for Phase II for construction of the project.

Budget:

Total	\$ 2,206,926
FEMA (75%)	\$ 1,655,194
DPU	\$ 275,866
County	\$ 275,866

Schedule: Construction is Pending FEMA Authorization of Grant Funds



WASTEWATER TREATMENT FY21: White Rock Wastewater Treatment Plant

Project Scope: Design is ongoing for the new White Rock wastewater treatment plant. The project will be funded by a Clean Water State Revolving Loan administered by the New Mexico Environment Department. The value engineering and preliminary design report have been completed and the detailed engineering design is in progress. The funds in this budget are for construction.

Budget: \$ 14,800,856

Schedule: Bid Construction October 2020 / In Service June 2022.

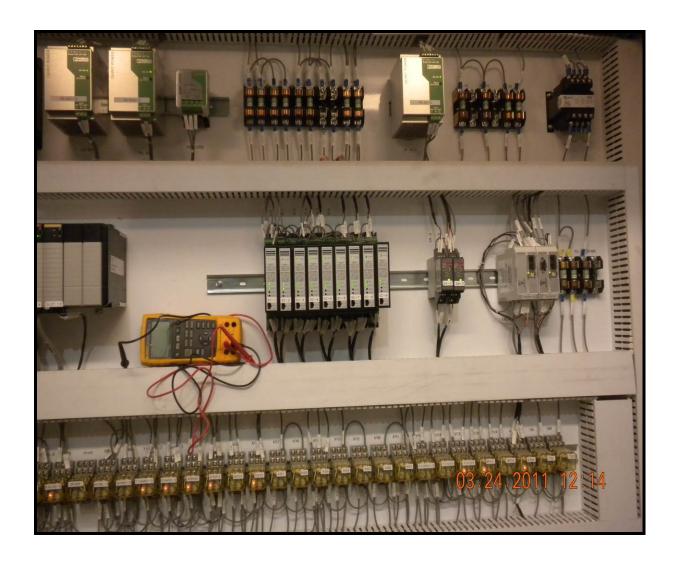


ELECTRIC PRODUCTION FY22: El Vado Controls Upgrade

Project Scope: The controls at the El Vado hydroelectric plant were last upgraded in 2006. Industry practice is to upgrade the control system every 10-15 years. The upgrade is needed to replace outdated hardware, update software and programming which is no longer supported and to integrate new functions associated with recent improvements to the plant. The controls upgrade will ensure safe and reliable operation of the plant.

Budget: \$440,000

Schedule: Fall/Winter 2021-2022

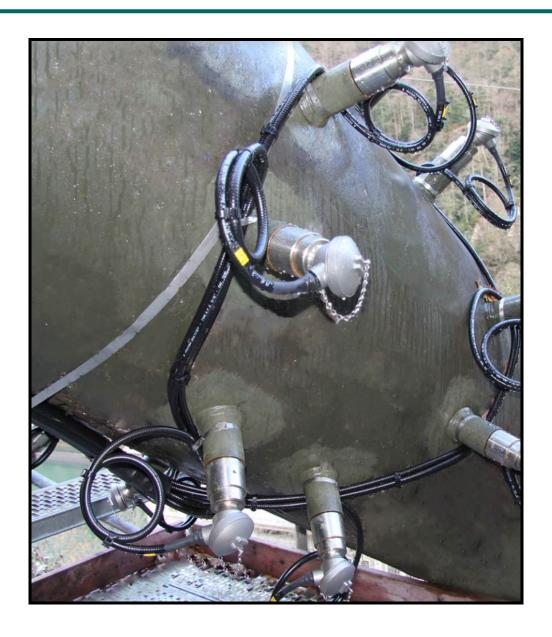


ELECTRIC PRODUCTION FY22: El Vado Ultrasonic Flow Meter

Project Scope: Currently the only flow measurement for the hydroelectric plant and dam releases is from a USGS gauging station located a mile downstream of the dam. The USGS measurement is not very accurate and readings are delayed since the river must stabilize with each flow change. The new ultrasonic meter will be located on the plant penstock and will provide accurate and immediate measurement of flows.

Budget: \$ 90,000

Schedule: Fall/Winter 2021-2022



ELECTRIC PRODUCTION FY22: Fiber Optic Line to El Vado

Project Scope: Currently the El Vado hydroelectric plant communicates from the plant to the receiving substation through a microwave system which encompasses three radio sites and five repeaters. One radio & repeater is located in a remote location which is not accessible in the winter. The microwave radio system is antiquated and in need of replacement. This project will eliminate the microwave radio system and replace it with a direct fiber optic link between the plant and substation.

Budget: \$ 350,000

Schedule: Fall / Winter 2021-2022



ELECTRIC PRODUCTION

FY22: Abiquiu Transformer Replacement

Project Scope: The transformer at the Abiquiu Hydroelectric Plant is in need of replacement. The existing transformer is the original installed in 1988 and is in need of some repairs. A spare transformer was purchased with a grant in 2010 and has been stored onsite since. This project will install the new transformer and salvage the old transformer.

Budget: \$100,000

Schedule: Fall/Winter 2021- 2022



ELECTRIC DISTRIBUTION

FY22: Overhead System Replacement

Project Scope: Many components of the utilities' overhead infrastructure operate near or past their useful plant life; greater than 50 years. The department's Asset Management Program (AMP) prioritizes O&M projects on (a) root cause analysis after power outages, (b) quarterly line patrols, and (c) year-end assessments. The O&M program includes: replacement of power poles, cross-arms, and revamps (wire & transformer upgrades). Priority is placed on the three phase backbone and areas affecting the highest number of consumers.

3. White Rock service area

\$150,000.

4. Los Alamos service area

\$150,000.

Budget: \$ 300,000

Schedule: Year round design and construction









ELECTRIC DISTRIBUTION

FY22: URD (UG residential distribution) Replacements

Project Scope: The underground system contains 1970s infrastructure which was direct-buried and in direct contact with the earth. Portions or segments of the underground system which have experienced 3 or more failures are targeted for replacement because they will fail again. Old and obsolete live-front transformers are routinely replaced due to safety and arc-flash concerns. New loop segments are designed for radial power lines which serve large amounts of customers.

3. Los Alamos town site area after three failure replacements

\$200,000.

4. White Rock area after three failure replacements

\$200,000.

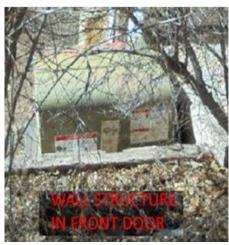
Budget: \$ 400,000

Schedule: Year round design and construction













GAS DISTRIBUTION

FY22: White Rock Key Valve Project Phase I

Project Scope: The White Rock gas distribution system is comprised of primarily of steel pipelines. The distribution system has very few valves which limit the ability of isolating segments without disrupting service to many customers. New gas valves will be installed in strategic locations to minimize outages and provide operational flexibility. Welding steel gas lines is a specialty craft which must be performed by outside contractors.

Budget: \$281,000

Schedule: Through-out the year



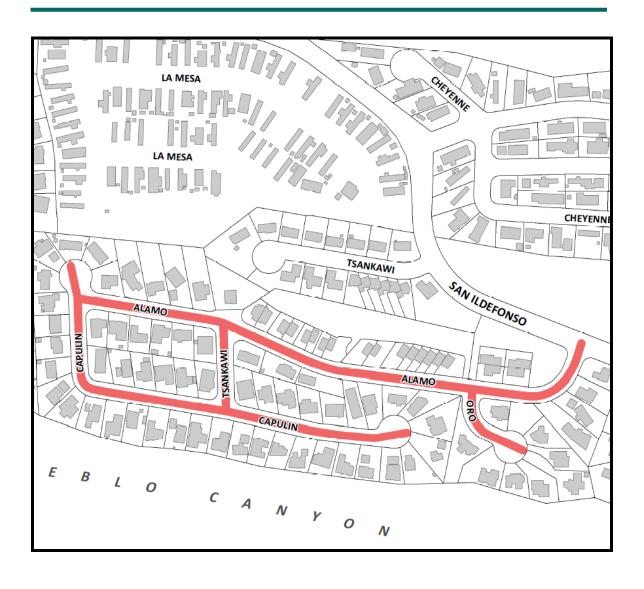
GAS DISTRIBUTION / WATER DISTRIBUTION FY22: Alamo & Capulin Gas & Water Replacement

Project Scope: The Public Works Department will be repaving the roads in the Alamo & Capulin neighborhoods on North Mesa. The water and gas distribution systems are in need of replacement and will be incorporated into the road project.

Budget: Gas \$535,000

Water \$732,000

Schedule: Summer 2021



FY22: 2nd Group 12 Non-Potable Water Tank

Project Scope: The non-potable water system serving Los Alamos is limited by the amount of storage in the system. Currently a single 750,000 gallon tank serves the golf course and North Mesa ballparks. Additional storage is needed to maximize the available effluent water in Los Alamos to expand service to other areas in the community. Funding for this second 750,000 gallon tank will be applied for from the Water Trust Board in the 2021 funding cycle.

Budget: \$ 900,000

Schedule: Spring/Summer 2022

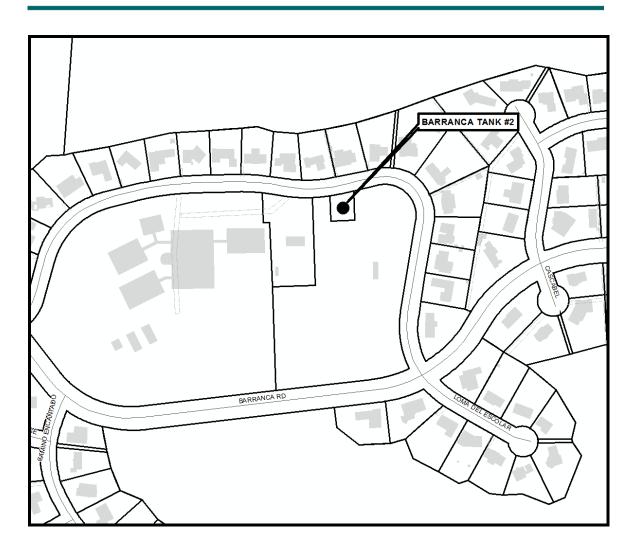


FY22: Paint Barranca Mesa Water Tank

Project Scope: The Barranca Mesa Tank #2 is an elevated steel water tank located adjacent to Barranca elementary school. The tank coating has deteriorated through the years and the tank is in need of repainting. The tank interior and exterior will be re-painted. The new paint will protect the tank for the next thirty years.

Budget: \$675,000

Schedule: Spring/Summer 2022



WASTEWATER TREATMENT

FY22: Bayo Lift Station Elimination Pipeline

Project Scope: The Bayo Lift Station pumps sewage from all of Barranca Mesa to the Los Alamos Wastewater Treatment Plant. This represents approximately 20% of the sewage treated at the Los Alamos Wastewater Treatment Plant. The lift station is due for some major upgrades and rather than reinvest in the lift station, funds will used to build a gravity sewer line to replace the lift station and eliminate the cost and risk associated with pumping the sewage.

Budget: \$550,000

Schedule: Summer/Fall 2021

