

Consolidated

Aqua North Carolina, Inc.  
Docket No. W-218, Sub 573  
PS DR 115 - W-1, Item 28  
Consolidated

Line#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
1463	FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202208	1.790%
1464	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,953	202208	2.800%
1465	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	516	202208	2.800%
1466	FP35100324843	Pumping Equipment Fayetteville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202208	2.800%
1467	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202208	2.800%
1468	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202208	2.800%
1469	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,929	202208	2.800%
1470	FP35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202208	2.800%
1471	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202208	3.860%
1472	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	817	202208	3.860%
1473	FP35100324844	Treatment Equipment Fayetteville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202208	3.860%
1474	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,760	202208	3.860%
1475	FP35801025390	Treatment Equipment West	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202208	3.860%
1476	FP35800021286	Holland Down Rplc Filter Cannister	End of life for current vessel	Replace with new canister	ANC Water	320	10,000	202208	3.860%
1477	FP35800021287	A Country Place Rplc Filter Cans	End of life for current vessel	Replace with new canister	ANC Water	320	20,000	202208	3.860%
1478	FP35800051775	Nottigham #2 Fe/Mn Filter Replace	Current Filter reached life expectancy	Replace with new	ANC Water	320	200,000	202208	3.860%
1479	FP35800042134	WSIC Kimmon Pl/Cotesworth FeMn P03	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtenances	ANC Water	320	330,000	202208	3.860%
1481	FP35100013495	Replace FeMn Filters Kville	End of life, no longer providing adequate filtration	Replace filters	ANC Water	320	30,000	202208	3.860%
1482	FP35801021033	Harbor Club Reno Softeners/Filters	Due to age and equipment repairs	Replace filters	ANC Water	320	20,000	202208	3.860%
1483	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,516	202208	3.860%
1484	FP35740013484	WSIC Radium Removal Treatment	Combined radium concentrations in well water above EPA primary limits	Installation of filtration equipment and building, including but not limited to design, permitting, CA/CO, yard piping, site work, tank pad installation and setting, electrical/controls, and minor wellhouse repair and re-piping	Brookwood	320	225,000	202208	3.860%
1485	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	756	202208	3.860%
1486	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202208	2.150%
1487	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202208	2.150%

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					Rate	NARUC	Estimated	Estimated	Primary
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1488	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202208	2.150%
1489	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202208	2.150%
1490	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202208	2.150%
1491	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202208	2.150%
1492	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	32	202208	2.150%
1493	FP35681621749	WISC Pilots Ridge Rplc 10k Hydo Tank	Pilots ridge hydro at end of life and needs replaced	replace the hydro tank at pilots ridge	Fairways Water	330	100,000	202208	2.150%
1494	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,351	202208	1.710%
1495	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202208	1.710%
1496	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,331	202208	1.710%
1497	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202208	1.710%
1498	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202208	1.710%
1499	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202208	1.710%
1500	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202208	1.710%
1501	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202208	1.710%
1502	FP35801078072	WSIC Ashebrook Park Rplc Mn & Srvc	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	890,000	202208	1.710%
1503	FP35801007562	WSIC Rocky Ridge Rplc Valves	Replace non-operable valves; unable to isolate leaks	Replace main line valves	ANC Water	331	50,000	202208	1.710%
1504	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202208	1.710%
1505	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202208	1.710%
1506	FP35740007506	WSIC South Gate AC Main/Svc Rplc	Replace aged and deteriorating pipe	Replace mains and services	Brookwood	331	889,000	202208	1.710%
1508	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202208	1.710%
1509	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202208	1.710%
1510	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202208	4.810%
1511	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202208	4.810%
1512	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202208	4.810%
1513	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202208	4.810%
1514	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202208	4.810%
1515	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202208	4.810%
1516	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202208	4.810%
1517	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202208	4.810%
1518	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202208	4.810%



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1519	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202208	4.810%
1520	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,059	202208	3.300%
1521	FP35100324849	Meter/Meter Box Reno Fayetteville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,435	202208	3.300%
1522	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202208	3.300%
1523	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,297	202208	3.300%
1524	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	333	202208	3.300%
1525	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202208	3.300%
1526	New FP	New Meters Fayetteville	Install new meters for new customers	Install new meter	ANC Water	334	167	202208	3.300%
1527	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202208	3.300%
1528	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,384	202208	3.300%
1529	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,217	202208	3.300%
1530	FP35740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202208	3.300%
1531	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202208	3.300%
1532	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202208	3.300%
1533	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202208	3.300%
1534	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202208	20.000%
1535	FP35681654830	NC174 2021 CHVRLT 3500 DBL CAB UTIL	truck at end of life	replace truck	Fairways Water	341	43,388	202208	7.860%
1536	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202208	5.000%
1537	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202208	5.000%
1538	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202208	5.000%
1539	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	289	202208	5.000%
1540	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202208	5.000%
1541	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202208	5.000%
1542	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202208	5.000%
1543	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	279	202208	5.000%
1544	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	73	202208	5.000%
1545	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202208	5.000%
1546	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202208	10.000%
1547	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	13	202208	10.000%
1548	FP35100359632	Remote Monitoring Fayetteville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202208	10.000%
1549	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202208	10.000%
1550	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202208	10.000%

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					Rate	NARUC	Estimated	Estimated	Primary
Line#	Project ID	Project Description	Project Reason	Project Scope	Division	Asset Account	In-Service Cost	In-service Date	Deprecation Rate
1551	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202208	10.000%
1552	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202208	10.000%
1553	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	215	202208	10.000%
1554	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,404	202208	2.080%
1555	FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202208	2.080%
1556	FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,892	202208	2.080%
1557	FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,638	202208	2.080%
1558	FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202208	2.080%
1559	FP35880021662	Fall Protection Hawthorne LS (6)	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	30,000	202208	2.080%
1560	FP35880021667	Fall Protection Barclay Downs LS	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	10,000	202208	2.080%
1561	FP35880021669	Fall Protection Wildwood Green (2)	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	10,000	202208	2.080%
1562	FP35880021670	Fall Protection Lake Ridge Aero (1)	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	5,000	202208	2.080%
1563	FP35101521119	Cannonsgate LS1 Coat Interior I&I	Cannons Gate lift station wetwell has I and i	repair interior and coat interior of wetwell	ANC WW	354	15,000	202208	2.080%
1564	Need New	SAFE LS Fall Protection	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	18,000	202208	2.080%
1565	Need New	SAFE River Park Fall Protection	Handrails need installed&replaced at WWTP	Install and replace needed handrails	ANC WW	354	15,000	202208	2.080%
1566	FP35881016789	SAFE LS Fall Protection	Prevent emp from falling into L/S	Install grating	ANC WW	354	10,000	202208	2.080%
1567	FP35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202208	2.080%
1568	FP35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,894	202208	2.080%
1569	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	872	202208	3.050%
1570	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202208	3.050%
1571	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202208	3.050%
1572	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202208	3.050%
1573	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202208	3.050%
1574	FP35101013447	Salem Glen Rplc Generator	Due to age	Replace generator	ANC WW	355	60,000	202208	3.050%
1575	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	513	202208	3.050%
1576	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,546	202208	1.530%
1577	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	551	202208	1.530%
1578	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202208	1.530%

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1579	FP35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	619	202208	1.530%
1580	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202208	1.530%
1581	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	539	202208	1.530%
1582	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,737	202208	1.850%
1583	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	398	202208	1.850%
1584	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	831	202208	1.850%
1585	FP35883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	288	202208	1.850%
1586	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	484	202208	1.850%
1587	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	691	202208	1.850%
1588	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202208	2.450%
1589	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202208	2.450%
1590	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202208	2.450%
1591	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202208	2.450%
1592	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202208	2.450%
1593	FP35883016651	Services WW Fayville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202208	2.450%
1594	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202208	2.450%
1595	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202208	7.410%
1596	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202208	7.410%
1597	FP35883011012	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202208	7.410%
1598	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202208	7.410%
1599	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202208	7.410%
1600	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202208	7.410%
1601	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202208	7.410%
1602	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,979	202208	7.410%



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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
1603	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202208	2.770%
1604	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202208	2.770%
1605	FP35883011009	WWTP Equipment Fayville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202208	2.770%
1606	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,550	202208	2.770%
1607	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202208	2.770%
1608	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202208	2.770%
1609	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,747	202208	2.770%
1610	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	135	202208	2.770%
1611	FP35880027204	Colvard Frm Irr Pond Dam Repair	Current irrigation pond dam wall is sluffing into pond Many chemicals used in Central do not have secondary containment and could cause serious environmental issues	Excavate area and replace with new dam approved materials	ANC WW	380	104,109	202208	2.770%
1612	FP35880088733	WWTP Chemical Containment Install		Install new containments in chemical storage areas	ANC WW	380	50,000	202208	2.770%
1613	FP35101521110	Avendale Underdrain Improvements	repair problematic under drain/add access points	install access points and repair drain	ANC WW	380	20,000	202208	2.770%
1614	FP35101521117	Emerald Pint Rbld Clarifiers Weirs	Emerald plantation clarifier weirs are worn	rebuild clarifier weirs.	ANC WW	380	20,000	202208	2.770%
1615	FP35101564849	SSIC Castle Bay Fine Screen	Increase biological treatment efficiency by removing unwanted material from the influent	Install Fine Screen at headworks of WWTP to remove unwanted material from sewage influent	ANC WW	380	225,000	202208	2.770%
1616	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202208	2.770%
1617	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202208	2.770%
1618	FP35640124650	WWTP Equipment FW WW	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202208	2.770%
1619	FP35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	3	202208	2.460%
1620	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202208	5.000%
1621	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202208	5.000%
1622	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202208	5.000%
1623	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202208	5.000%
1624	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202208	5.000%
1625	FP35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	91	202208	5.000%
1626	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	274	202208	5.000%
1627	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202208	5.000%
1628	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	163	202208	5.000%
1629	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	237	202208	5.000%
1630	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202208	5.000%
1631	FP35640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202208	5.000%
1632	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202208	6.670%
1633	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202208	6.670%
1634	FP35883011013	Remote Monitoring WW Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202208	6.670%

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1635	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202208	6.670%
1636	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202208	6.670%
1637	FP35640124663	Remote Monitoring FW WW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	89	202208	6.670%
1638	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,151	202209	1.570%
1639	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	612	202209	1.570%
1640	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202209	1.570%
1641	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202209	1.570%
1642	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202209	1.570%
1643	Need New	SAFE Well Site Lighting	Need lighting at well sites	Install motion activated LED lights w/guarding	ANC Water	304	20,000	202209	1.570%
1644	FP35100007526	Foxbury Extend Bldg for Filters	Space is too small for access to filters	Extend brick well house	ANC Water	304	15,000	202209	1.570%
1645	FP35100064931	Cedar Crk Rplc Wellhouse & Floor	Deteriorated building	Replace building and repour floor	ANC Water	304	35,477	202209	1.570%
1646	FP35801065062	Instl Quick Con/Trnsfr Switches	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	3,188	202209	1.570%
1647	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,500	202209	1.570%
1648	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202209	1.570%
1649	FP35681621151	Fence Well Sites 1 per year	increase security at well sites	install fencing	Fairways Water	304	15,000	202209	1.570%
1650	FP35900120969	Cary Building & Ground Improvements	funding for Cary Office Bldg Maintenance	Rplc HVAC/Plg or other bldg maintenance	ANC Water	304.56	3,500	202209	1.650%
1651	FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202209	1.650%
1652	FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202209	1.310%
1653	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202209	1.310%
1654	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,510	202209	4.560%
1655	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202209	4.560%
1656	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,601	202209	4.560%
1657	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	284	202209	4.560%
1658	FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202209	4.560%
1659	FP35100094198	Tank/Vlv Bank Reno - Specific Sys	Update vlv bank with McDonald Miller, site glasses and accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202209	4.560%
1660	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,249	202209	4.560%
1661	FP35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,182	202209	4.560%
1662	FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202209	1.790%
1663	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,953	202209	2.800%
1664	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202209	2.800%
1665	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202209	2.800%

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1666	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202209	2.800%
1667	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,373	202209	2.800%
1668	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,929	202209	2.800%
1669	FP35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202209	2.800%
1670	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202209	3.860%
1671	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	817	202209	3.860%
1672	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202209	3.860%
1673	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,760	202209	3.860%
1674	FP35801025390	Treatment Equipment West	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202209	3.860%
1677	FP35800026499	WSIC Foxboro Well #3 FeMn Filter	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	270,000	202209	3.860%
1678	FP35800081514	WSIC Martindale FeMn Filter P19	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	420,000	202209	3.860%
1679	FP35800015964	WSIC Robwd Hampton Pk FeMn Filter	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	360,000	202209	3.860%
1680	FP35801021034	Maplecrest Rebuild Greensand Filter	Reached end of life, no longer providing adequate filtration (remove KMNO4)	Replace filters	ANC Water	320	18,000	202209	3.860%
1681	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,516	202209	3.860%
1682	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	756	202209	3.860%
1683	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202209	2.150%
1684	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202209	2.150%
1685	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202209	2.150%
1686	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,244	202209	2.150%
1687	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202209	2.150%
1688	FP35801007534	Castlewood Refurbish Tank	Non code tank-system is paralleled so replacement would not be a wise use of funds	Sandblast and coat interior & Exterior	ANC Water	330	10,000	202209	2.150%
1689	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202209	2.150%



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					Rate	NARUC	Estimated	Estimated	Primary
Line#	Project ID	Project Description	Project Reason	Project Scope	Division	Asset Account	In-Service Cost	In-service Date	Deprecation Rate
1690	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	32	202209	2.150%
1691	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,351	202209	1.710%
1692	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202209	1.710%
1693	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,331	202209	1.710%
1694	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202209	1.710%
1695	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202209	1.710%
1696	FP35800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202209	1.710%
1697	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202209	1.710%
1698	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202209	1.710%
1700	FP35800021299	Distrib Blow-off/Valve Installation	Improved Water Quality efforts with blow off replacements	Replace various blow off assemblies with new piping and valving	ANC Water	331	50,000	202209	1.710%
1701	FP35801007560	WSIC Knob Crk Valve Rplc	Replace non-operable valves; unable to isolate leaks	Replace main line valves	ANC Water	331	90,000	202209	1.710%
1702	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202209	1.710%
1703	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202209	1.710%
1704	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202209	1.710%
1705	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202209	1.710%
1706	FP35681621153	Sample Stations Problematic Sites	sample stations at problematic sites	install sample station	Fairways Water	331	20,000	202209	1.710%
1707	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202209	4.810%
1708	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202209	4.810%
1709	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202209	4.810%
1710	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202209	4.810%
1711	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202209	4.810%
1712	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202209	4.810%
1713	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202209	4.810%
1714	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202209	4.810%
1715	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202209	4.810%
1716	FP35740021181	WSIC Simmons Service Replacements	improve service reliability	replace water services	Brookwood	333	300,000	202209	4.810%
1717	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202209	4.810%
1718	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,059	202209	3.300%
1719	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,435	202209	3.300%
1720	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202209	3.300%

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1721	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,297	202209	3.300%
1722	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	333	202209	3.300%
1723	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202209	3.300%
1724	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	167	202209	3.300%
1725	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202209	3.300%
1726	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,384	202209	3.300%
1727	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,216	202209	3.300%
1728	FP35740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,746	202209	3.300%
1729	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202209	3.300%
1730	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202209	3.300%
1731	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202209	3.300%
1732	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202209	20.000%
1733	FP35900151743	RC Marker Statewide Vehicle Needs	Replacement of high mileage and damaged vehicles	Purchase vehicles	Allocate	341	350,000	202209	7.860%
1734	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,103	202209	5.000%
1735	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202209	5.000%
1736	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202209	5.000%
1737	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	289	202209	5.000%
1738	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202209	5.000%
1739	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202209	5.000%
1740	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	44	202209	5.000%
1741	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	279	202209	5.000%
1742	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	73	202209	5.000%
1743	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202209	5.000%
1744	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202209	10.000%
1745	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	13	202209	10.000%
1746	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202209	10.000%
1747	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202209	10.000%
1748	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202209	10.000%
1749	FP35801021026	Install SCADA 11 Systems	To allow single point control for all wells in the system	Install SCADA	ANC Water	346	21,000	202209	10.000%
1750	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202209	10.000%
1751	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202209	10.000%
1752	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	215	202209	10.000%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
1753	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,404	202209	2.080%
1754	FP35101524782	P5300311: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202209	2.080%
1755	FP35880092265	P5300101: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202209	2.080%
1756	FP35881025434	P5300201: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202209	2.080%
1757	FP35883011002	P5300301: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202209	2.080%
1760	FP35883021187	Lift Station Control Panel Covers	protect control panels	install covers	ANC WW	354	50,000	202209	2.080%
1761	FP35881013476	The Landings L/S Rplc Control Panel	Deterioration due to age	Replace control panel	ANC WW	354	8,000	202209	2.080%
1762	FP35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202209	2.080%
1763	FP35640124646	P5300201: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,894	202209	2.080%
1764	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	872	202209	3.050%
1765	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202209	3.050%
1766	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202209	3.050%
1767	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202209	3.050%
1768	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202209	3.050%
1769	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	513	202209	3.050%
1770	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,546	202209	1.530%
1771	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	551	202209	1.530%
1772	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202209	1.530%
1773	FP35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	619	202209	1.530%
1774	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202209	1.530%
1775	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	539	202209	1.530%
1776	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,737	202209	1.850%
1777	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	398	202209	1.850%
1778	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	831	202209	1.850%
1779	FP35883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	288	202209	1.850%



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1780	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	483	202209	1.850%
1781	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202209	1.850%
1782	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202209	2.450%
1783	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202209	2.450%
1784	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202209	2.450%
1785	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202209	2.450%
1786	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202209	2.450%
1787	FP35883016651	Services WW Fayetteville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202209	2.450%
1788	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202209	2.450%
1789	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202209	7.410%
1790	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202209	7.410%
1791	FP35883011012	Pumping Equipment Fayetteville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,462	202209	7.410%
1792	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202209	7.410%
1793	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202209	7.410%
1794	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202209	7.410%
1795	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202209	7.410%
1796	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,979	202209	7.410%
1797	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202209	2.770%
1798	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202209	2.770%
1799	FP35883011009	WWTP Equipment Fayetteville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202209	2.770%
1800	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,549	202209	2.770%
1801	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202209	2.770%
1802	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202209	2.770%
1803	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202209	2.770%
1804	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	135	202209	2.770%

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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
1805	FP35880088796	RC Westfall Rplc Spray Irrigation	Many broken heads/lines/controllers	Replace all broken materials for proper system operation	ANC WW	380	15,000	202209	2.770%
1807	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202209	2.770%
1808	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202209	2.770%
			wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202209	2.770%
1809	FP35640124650	WWTP Equipment FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	3	202209	2.460%
1810	FP35640124606	Renovate Outfall Lines FW WW	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202209	5.000%
1811	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202209	5.000%
1812	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202209	5.000%
1813	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202209	5.000%
1814	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202209	5.000%
1815	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	91	202209	5.000%
1816	FP35640124655	P5300313:Working Tools-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202209	5.000%
1817	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202209	5.000%
1818	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	163	202209	5.000%
1819	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202209	5.000%
1820	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202209	5.000%
1821	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	186	202209	5.000%
1822	FP35640124648	P5300313:Lab Equipment-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202209	6.670%
1823	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202209	6.670%
1824	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202209	6.670%
1825	FP35883011013	Remote Monitoring WW Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202209	6.670%
1826	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202209	6.670%
1827	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202209	6.670%
1828	FP35640124663	Remote Monitoring FW WW	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,151	202210	1.570%
1829	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	612	202210	1.570%
1830	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202210	1.570%
1831	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202210	1.570%
1832	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202210	1.570%
1833	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	well house in need of rebuild	rebuild well house	ANC Water	304	45,000	202210	1.570%
1834	FP35100321104	Happy Valley Rebuild Wellhouse	Replace old A-frame bldg with proper wellhouse	Replace building	ANC Water	304	35,636	202210	1.570%
1835	FP35100064935	Springfield Est Rplc Wellhse 12x12	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	3,188	202210	1.570%
1836	FP35801065062	Instl Quick Con/Trnsfr Switches	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202210	1.570%
1837	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse							

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					Rate	NARUC	Estimated	Estimated	Primary
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1838	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202210	1.570%
1839	FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202210	1.650%
1840	FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202210	1.310%
1841	FP35800007589	Mill Race Redrill/New Well	Well lost capacity	Drill new well to increase capacity	ANC Water	307	113,733	202210	1.310%
1842	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202210	1.310%
			Increase Water Supply at the Cape Master to keep up with growing demand	Drill, test, design, permit, and construct new well in the Cape Master Water system.	Fairways Water	307	375,000	202210	1.310%
1843	FP35681613487	New Well Motts well #12	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,510	202210	4.560%
1844	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202210	4.560%
1845	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,601	202210	4.560%
1846	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	284	202210	4.560%
1847	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,213	202210	4.560%
1848	FP35801025381	Valve Bank Renovations West	Current meters out of warranty and causing display issues	Aqua staff replacing with either new displays or entire meter based on location and situation	ANC Water	309	2,757	202210	4.560%
1849	FP35800018686	WSIC Well Meter Rplc LABOR ONLY	Update vlv bank with McDonald Miller, site glasses and accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202210	4.560%
1850	FP35100094198	Tank/Vlv Bank Reno - Specific Sys	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,249	202210	4.560%
1851	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,182	202210	4.560%
1852	FP35681629258	Valve Bank Renovation FW	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202210	1.790%
1853	FP35800026543	Mobile Gen/Camera Renov Central	Back-up Power	Critical Well Sites (2)	ANC Water	310	50,000	202210	1.790%
1854	FP35100021692	Kville Port Gen Critical Sites	Back-up Power	Critical Well Sites (2)	ANC Water	310	50,000	202210	1.790%
1855	FP35801021739	Denver Port Gen Critical Sites	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,953	202210	2.800%
1856	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202210	2.800%
1857	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202210	2.800%
1858	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202210	2.800%
1859	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,373	202210	2.800%
1860	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202210	2.800%
1861	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202210	2.800%
1862	FP35681624752	Pumping Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202210	3.860%
1863	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202210	3.860%
1864	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202210	3.860%
1865	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,760	202210	3.860%
1866	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202210	3.860%
1867	FP35801025390	Treatment Equipment West	repair/replacement	repair or replace failure or broken asset	ANC Water	320			



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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
1868	FP35100013364	PFOS/PFOA - Kernersville	PFOS/PFOA concentrations in well water above Aqua corporate limit of 13PPT, need to install filtration	Installation of filtration equipment and building, including but not limited to design, permitting, CA/CO, yard piping, site work, tank pad installation and setting, electrical/controls, and minor wellhouse repair and re-piping	ANC Water	320	10,000	202210	3.860%
1869	FP35800016665	WSIC Southwood OCCT	Copper Action Level Exceedance	Perform Engineering and installation of appropriate CCT	ANC Water	320	25,000	202210	3.860%
1870	new fp358000	Wsic Brackenridge FeMn Filter	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	330,000	202210	3.860%
1871	FP35800013355	WSIC Southwyck FeMn P02	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	300,000	202210	3.860%
1872	new fp358000	Wsic High Grove	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	350,000	202210	3.860%
1873	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,516	202210	3.860%
1874	FP35740007507	Brookwd Com PFOA/PFOS Trtmnt	PFOS/PFOA concentrations in well water above Aqua corporate limit of 13PPT, need to install filtration	Installation of filtration equipment and building, including but not limited to design, permitting, CA/CO, yard piping, site work, tank pad installation and setting, electrical/controls, and minor wellhouse repair and re-piping	Brookwood	320	350,000	202210	3.860%
1875	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	756	202210	3.860%
1876	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202210	2.150%
1877	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202210	2.150%
1878	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202210	2.150%
1879	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,244	202210	2.150%
1880	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202210	2.150%
1881	FP35801013392	WSIC Heronwood #1 Rplc 10k Noncode Tank	Non-code tank	Replace hydro tank	ANC Water	330	65,000	202210	2.150%
1882	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202210	2.150%
1883	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	32	202210	2.150%
1884	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202210	1.710%
1885	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202210	1.710%
1886	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,331	202210	1.710%
1887	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202210	1.710%
1888	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202210	1.710%
1889	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202210	1.710%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
1890	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202210	1.710%
1891	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202210	1.710%
1892	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202210	1.710%
1893	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202210	1.710%
1894	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202210	1.710%
1895	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202210	1.710%
1896	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202210	4.810%
1897	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202210	4.810%
1898	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202210	4.810%
1899	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202210	4.810%
1900	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202210	4.810%
1901	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202210	4.810%
1902	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202210	4.810%
1903	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202210	4.810%
1904	FP35100007538	WSIC Weatherstone Rplc Svc	Volume of service line leaks	Replace PVC service lines	ANC Water	333	185,000	202210	4.810%
1905	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202210	4.810%
1906	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202210	4.810%
1907	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,059	202210	3.300%
1908	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,435	202210	3.300%
1909	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202210	3.300%
1910	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,297	202210	3.300%
1911	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	333	202210	3.300%
1912	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202210	3.300%
1913	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	167	202210	3.300%
1914	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202210	3.300%
1915	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202210	3.300%
1916	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,216	202210	3.300%
1917	FP35740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202210	3.300%
1918	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202210	3.300%

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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
1919	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202210	3.300%
1920	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202210	3.300%
1921	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202210	20.000%
1922	FP35900124806	NC Office Equipment/Furniture	Replace or purchase printers or furniture due to failure or new employee as needed	Replace/purchase printers or furniture	Allocate	340	3,175	202210	5.000%
1923	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,103	202210	5.000%
1924	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202210	5.000%
1925	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202210	5.000%
1926	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	289	202210	5.000%
1927	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202210	5.000%
1928	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,117	202210	5.000%
1929	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	44	202210	5.000%
1930	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	279	202210	5.000%
1931	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	73	202210	5.000%
1932	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202210	5.000%
1933	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202210	10.000%
1934	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	13	202210	10.000%
1935	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202210	10.000%
1936	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202210	10.000%
1937	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202210	10.000%
1938	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202210	10.000%
1939	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202210	10.000%
1940	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202210	10.000%
1941	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,404	202210	2.080%
1942	FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202210	2.080%
1943	FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202210	2.080%
1944	FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202210	2.080%
1945	FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202210	2.080%
1946	Need New	SAFE Arc Flash Assessmnt/Upgrades	Required NFPA Upgrades	Assess electrical equipment & arc flash potential	ANC WW	354	8,000	202210	2.080%
1947	Need New	SAFE Arc Flash Assessmnt/Upgrades	Required NFPA Upgrades	Assess electrical equipment & arc flash potential	ANC WW	354	30,000	202210	2.080%
1948	Need New	SAFE Arc Flash Assessmnt/Upgrades	Required NFPA Upgrades	Assess electrical equipment & arc flash potential	ANC WW	354	65,000	202210	2.080%
1949	FP35881013472	CWE Rplc EQ #5, 6, 7 Contrl Panels	Deterioration due to age	Replace control panels	ANC WW	354	24,000	202210	2.080%



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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
1950	FP35881013474	CWE Rplc all Electrical Conduit	Deterioration due to age/safety	Replace elec'l conduit	ANC WW	354	10,000	202210	2.080%
1951	FP35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202210	2.080%
1952	FP35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202210	2.080%
1953	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202210	3.050%
1954	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202210	3.050%
1955	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	549	202210	3.050%
1956	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202210	3.050%
1957	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202210	3.050%
1958	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202210	3.050%
1959	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,546	202210	1.530%
1960	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	551	202210	1.530%
1961	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202210	1.530%
1962	FP35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	619	202210	1.530%
1963	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202210	1.530%
1964	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	539	202210	1.530%
1965	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,737	202210	1.850%
1966	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	398	202210	1.850%
1967	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	831	202210	1.850%
1968	FP35883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	288	202210	1.850%
1969	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	483	202210	1.850%
1970	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202210	1.850%
1971	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202210	2.450%
1972	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202210	2.450%
1973	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202210	2.450%

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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
1974	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202210	2.450%
1975	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202210	2.450%
1976	FP35883016651	Services WW Fayville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202210	2.450%
1977	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202210	2.450%
1978	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202210	7.410%
1979	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202210	7.410%
1980	FP35883011012	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,462	202210	7.410%
1981	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202210	7.410%
1982	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202210	7.410%
1983	FP35880007412	Neuse Colony L/S Bypass Install	Need a bypas connection to perform necessary pump and station maintenance	Install connection point in valve vault	ANC WW	371	82,240	202210	7.410%
1984	FP35880088958	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace with new	ANC WW	371	123,985	202210	7.410%
1985	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202210	7.410%
1986	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202210	7.410%
1987	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,979	202210	7.410%
1988	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202210	2.770%
1989	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202210	2.770%
1990	FP35883011009	WWTP Equipment Fayville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202210	2.770%
1991	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,549	202210	2.770%
1992	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202210	2.770%
1993	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202210	2.770%
1994	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202210	2.770%
1995	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	135	202210	2.770%
1996	FP35880088855	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace with new	ANC WW	380	25,000	202210	2.770%
1997	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202210	2.770%
1998	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202210	2.770%
1999	FP35881088818	Windemere Aeration Basin Repairs	Rotten steel with holes	Line interior of basins	ANC WW	380	125,000	202210	2.770%
2000	FP35640124650	WWTP Equipment FW WW	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202210	2.770%
2001	FP35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202210	2.460%

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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
2002	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202210	5.000%
2003	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202210	5.000%
2004	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202210	5.000%
2005	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202210	5.000%
2006	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202210	5.000%
2007	FP35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	91	202210	5.000%
2008	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202210	5.000%
2009	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202210	5.000%
2010	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	163	202210	5.000%
2011	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202210	5.000%
2012	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202210	5.000%
2013	FP35640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202210	5.000%
2014	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202210	6.670%
2015	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202210	6.670%
2016	FP35883011013	Remote Monitoring WW Fayetteville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202210	6.670%
2017	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202210	6.670%
2018	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202210	6.670%
2019	FP35640124663	Remote Monitoring FW WW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202210	6.670%
2020	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,151	202211	1.570%
2021	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	612	202211	1.570%
2022	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202211	1.570%
2023	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202211	1.570%
2024	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202211	1.570%
2025	FP35100013363	Windgate Repl well house	Need to enlarge to replace filters for adequate room to work	Rebuild entire house	ANC Water	304	25,000	202211	1.570%
2026	FP35801065062	Instl Quick Con/Trnsfr Switches	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	3,188	202211	1.570%
2027	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202211	1.570%
2028	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202211	1.570%
2029	FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202211	1.650%
2030	FP35801088519	Gaston Office L/H Improvements	Required repairs at leased office	Varies	ANC Water	304.56	1,000	202211	1.650%
2031	FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202211	1.310%
2032	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202211	1.310%



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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
2033	FP35681613488	New Well Source Entrance BR well	Increase Water Supply at the Cape Master to keep up with growing demand	Drill, test, design, permit, and construct new well in the Cape Master Water system.	Fairways Water	307	250,000	202211	1.310%
2034	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,510	202211	4.560%
2035	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202211	4.560%
2036	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,601	202211	4.560%
2037	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	284	202211	4.560%
2038	FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,213	202211	4.560%
2039	FP35100021002	Instl Flow Monitors Various Systems	Obtain production data on single well systems	Install level monitor and SCADA	ANC Water	309	1,500	202211	4.560%
			Update vlv bank with McDonald Miller, site glasses and accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202211	4.560%
2040	FP35100094198	Tank/Vlv Bank Reno - Specific Sys	Obtain production data on single well systems	Install level monitor and SCADA	ANC Water	309	2,500	202211	4.560%
2041	FP35801021045	Instl Flow Montiors Various Systems	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,249	202211	4.560%
2042	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,182	202211	4.560%
2043	FP35681629258	Valve Bank Renovation FW	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202211	1.790%
2044	FP35800026543	Mobile Gen/Camera Renov Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,952	202211	2.800%
2045	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202211	2.800%
2046	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202211	2.800%
2047	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202211	2.800%
2048	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202211	2.800%
2049	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202211	2.800%
2050	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202211	2.800%
2051	FP35681624752	Pumping Equipment FW	Improve hydraulics of the exising 150k elevated tank	Design/build booster station w/auxiliary power	Fairways Water	311	500,000	202211	2.800%
2052	FP356816	Beau Rivage Booster Station	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202211	3.860%
2053	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202211	3.860%
2054	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202211	3.860%
2055	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,760	202211	3.860%
2056	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202211	3.860%
2057	FP35801025390	Treatment Equipment West	Copper Action Level Exceedance	Perform Engineering and installation of appropriate CCT	ANC Water	320	25,000	202211	3.860%
2058	FP35800016667	WSIC Mill Race OCCT	PFOS/PFOA concentrations in well water above Aqua corporate limit of 13PPT, need to install filtration	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	100,000	202211	3.860%
2059	FP35801013390	PFOS/PFOA - Denver	secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	330,000	202211	3.860%
2060	FP35800088899	WSIC Northwood Well #2 FeMn Filter							

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					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
			Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	330,000	202211	3.860%
2061	FP35800016040	WSIC Sawyers Mill Well#10 Fe/Mn	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,516	202211	3.860%
2062	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202211	3.860%
2063	FP35681624753	Treatment Equipment FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202211	2.150%
2064	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202211	2.150%
2065	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202211	2.150%
2066	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,244	202211	2.150%
2067	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202211	2.150%
2068	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	83,000	202211	2.150%
2069	FP35801013391	Quail Ridge #1 Rplc 15k Noncode Tk	Non-code tank	Replace hydro tank	ANC Water	330			
2070	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202211	2.150%
2071	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	32	202211	2.150%
2072	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202211	1.710%
2073	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202211	1.710%
2074	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,331	202211	1.710%
2075	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202211	1.710%
2076	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202211	1.710%
2077	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202211	1.710%
2078	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202211	1.710%
2079	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202211	1.710%
2080	FP35800024106	Leak Detection Project	System distribution leak investigations and repair	repair leaks as needed	ANC Water	331	22,000	202211	1.710%
2081	FP35801007555	WSIC Meadowbrk Rplc Main/Svc	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	520,000	202211	1.710%
2082	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202211	1.710%
2083	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202211	1.710%
2084	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202211	1.710%
2085	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202211	1.710%
2086	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202211	4.810%
2087	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202211	4.810%
2088	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202211	4.810%

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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate	
Line#	Project ID	Project Description	Project Reason	Project Scope	Division					
2089	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202211	4.810%	
2090	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202211	4.810%	
2091	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202211	4.810%	
2092	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202211	4.810%	
2093	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202211	4.810%	
2094	FP35801013413	WSIC Roseland Hts Rplc Services	Due to volume of leaks	Replace service lines	ANC Water	333	25,000	202211	4.810%	
2095	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202211	4.810%	
2096	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202211	4.810%	
2097	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,059	202211	3.300%	
2098	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,435	202211	3.300%	
2099	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202211	3.300%	
2100	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,297	202211	3.300%	
2101	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	334	202211	3.300%	
2102	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202211	3.300%	
2103	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	167	202211	3.300%	
2104	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202211	3.300%	
2105	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202211	3.300%	
2106	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,216	202211	3.300%	
2107	FP35740024832	Metér/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202211	3.300%	
2108	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202211	3.300%	
2109	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202211	3.300%	
2110	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202211	3.300%	
2111	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202211	20.000%	
2112	FP35900121679	Vehicle Charging Stations	Electrical Vehicle Transition	First Charging Station at Cary, then other admin offices & employee residences	Allocate	341	10,000	202211	7.860%	
2113	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,103	202211	5.000%	
2114	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202211	5.000%	
2115	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202211	5.000%	
2116	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	289	202211	5.000%	
2117	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202211	5.000%	
2118	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,117	202211	5.000%	
2119	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	44	202211	5.000%	
2120	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	279	202211	5.000%	
2121	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	73	202211	5.000%	
2122	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202211	5.000%	



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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
2123	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202211	10.000%
2124	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202211	10.000%
2125	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202211	10.000%
2126	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202211	10.000%
2127	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202211	10.000%
2128	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202211	10.000%
2129	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202211	10.000%
2130	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202211	10.000%
2131	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,404	202211	2.080%
2132	FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202211	2.080%
2133	FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202211	2.080%
2134	FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202211	2.080%
2135	FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202211	2.080%
2136	FP35880077647	Mallards Cross Metal Restoration	Metal deterioration	Recoat WWTP for reliability and compliance	ANC WW	354	225,000	202211	2.080%
2137	FP35880088722	Cole Park Train Metal Rehab	Metal deterioration	Recoat WWTP for reliability and compliance	ANC WW	354	150,000	202211	2.080%
2138	FP35880088723	Governors Club Ext Blast & Paint	Metal deterioration	Recoat WWTP for reliability and compliance	ANC WW	354	120,000	202211	2.080%
2139	FP35880088727	Tradewinds Trane Metal Rehab	Metal deterioration	Recoat WWTP for reliability and compliance	ANC WW	354	225,000	202211	2.080%
2140	FP35881088800	Killians Digestor Repairs/Rpl EQ	Replace existing deteriorating EQ at WWTP	Design, Permit, and Install new 35K gallon EQ basin; old tankage 30+ Years old and beyond rehabilitation	ANC WW	354	500,000	202211	2.080%
2141	FP35101021078	Forest Ridge Single Train Rehab	Metal Deterioration	Repair Metal, Blast and Coat	ANC WW	354	142,500	202211	2.080%
2142	FP35101021079	Penman Hgts Single Train Rehab	Metal Deterioration	Repair Metal, Blast and Coat	ANC WW	354	142,500	202211	2.080%
2143	FP35101021084	Old Beau Rebuild 2 L/S's	Deterioration due to age	Rehab wet well, piping and valves	ANC WW	354	20,000	202211	2.080%
2144	FP35881021090	CWE Instl Covers at Control Panels	Protect employee and equipment from weather	Install covers over control panesl	ANC WW	354	10,000	202211	2.080%
2145	FP35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202211	2.080%
2146	FP35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202211	2.080%
2147	FP35640121148	Emergency/Hurricane Prep Building	install staging and prep buildng	construct building	Fairways WW	354	99,000	202211	2.080%
2148	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202211	3.050%
2149	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202211	3.050%
2150	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	549	202211	3.050%

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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
2151	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202211	3.050%
2152	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202211	3.050%
2153	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202211	3.050%
2154	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,547	202211	1.530%
2155	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	552	202211	1.530%
2156	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202211	1.530%
2157	FP35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	619	202211	1.530%
2158	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202211	1.530%
2159	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	540	202211	1.530%
2160	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,737	202211	1.850%
2161	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	398	202211	1.850%
2162	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	831	202211	1.850%
2163	FP35883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	289	202211	1.850%
2164	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	483	202211	1.850%
2165	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202211	1.850%
2166	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202211	2.450%
2167	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202211	2.450%
2168	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202211	2.450%
2169	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202211	2.450%
2170	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202211	2.450%
2171	FP35883016651	Services WW Fayville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202211	2.450%
2172	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202211	2.450%
2173	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202211	7.410%

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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
2174	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,488	202211	7.410%
2175	FP35883011012	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,462	202211	7.410%
2176	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202211	7.410%
2177	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202211	7.410%
2178	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202211	7.410%
2179	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202211	7.410%
2180	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,979	202211	7.410%
2181	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202211	2.770%
2182	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202211	2.770%
2183	FP35883011009	WWTP Equipment Fayville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202211	2.770%
2184	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,549	202211	2.770%
2185	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202211	2.770%
2186	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202211	2.770%
2187	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202211	2.770%
2188	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	135	202211	2.770%
2189	FP35880088949	SSIC Chapel Ridge Influent Screen	Increase biological treatment efficiency by removing unwanted material from the influent	Install Fine Screen at headworks of WWTP to remove unwanted material from sewage influent	ANC WW	380	175,000	202211	2.770%
2190	FP35880088954	SSIC Westfall Influent Fine Screen	Increase biological treatment efficiency by removing unwanted material from the influent	Install Fine Screen at headworks of WWTP to remove unwanted material from sewage influent	ANC WW	380	200,000	202211	2.770%
2191	FP35880021653	Neuse Colony EQ Expansion	Expand plant to 750k gpd; install new equalization basin	Install equalization basin	ANC WW	380	1,200,000	202211	2.770%
2192	FP35101564847	SSIC Emerald Plantation Fine Scrn	Increase biological treatment efficiency by removing unwanted material from the influent	Install Fine Screen at headworks of WWTP to remove unwanted material from sewage influent	ANC WW	380	200,000	202211	2.770%
2193	FP35101013449	SSIC Melbille Rplc Blowers	Age and performance	Replace blower/blower motor	ANC WW	380	35,000	202211	2.770%
2194	FP35101013451	SSIC Penman Heights Rplc Blowers	Age and performance	Replace blower/blower motor	ANC WW	380	35,000	202211	2.770%
2195	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202211	2.770%
2196	FP35881013473	CWE Refurbish Clarifier Wiers	Wiers are not level	Expoxy and adjust weirs to level	ANC WW	380	15,000	202211	2.770%
2197	FP35881013475	CWE Rplc RAS Lines	Deterioration due to age	Replace RAS lines	ANC WW	380	9,000	202211	2.770%
2198	FP35881021096	CWE Interlor/Coat	Prevent further deterioration of steel	Line interior of basins	ANC WW	380	500,000	202211	2.770%
2199	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202211	2.770%
2200	FP35640124650	WWTP Equipment FW WW	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202211	2.770%
2201	FP35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202211	2.460%
2202	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202211	5.000%
2203	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202211	5.000%



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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
2204	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202211	5.000%
2205	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202211	5.000%
2206	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202211	5.000%
2207	FP35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	91	202211	5.000%
2208	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202211	5.000%
2209	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202211	5.000%
2210	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	163	202211	5.000%
2211	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202211	5.000%
2212	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202211	5.000%
2213	FP35640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202211	5.000%
2214	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202211	6.670%
2215	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202211	6.670%
2216	FP35883011013	Remote Monitoring WW Fayetteville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202211	6.670%
2217	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202211	6.670%
2218	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202211	6.670%
2219	FP35640124663	Remote Monitoring FW WW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202211	6.670%
2220	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,151	202212	1.570%
2221	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	612	202212	1.570%
2222	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202212	1.570%
2223	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202212	1.570%
2224	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202212	1.570%
2225	FP35100058948	Systems Engineering Kville	Eng for sysetms acquired without adequate P&S	Bring systems up to DEQ approval status	ANC Water	304	2,500	202212	1.570%
2226	FP35801025373	System Improv/Engineering West	Eng for sysetms acquired without adequate P&S	Bring systems up to DEQ approval status	ANC Water	304	5,000	202212	1.570%
2227	FP35801065062	Instl Quick Con/Trnsfr Switches	Allow for generator to be hooked up during power outage w/o straight wireing	Install Hubbel plugs at wells	ANC Water	304	3,188	202212	1.570%
2228	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202212	1.570%
2229	FP35740088513	SAFE Brookwood Improvmt Marker	Project scope will vary by site and/or State/Federal Regulations	Regulations	Brookwood	304	18,500	202212	1.570%
2230	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	To ensure safety at all Aqua sites	repair or replace failure or broken asset	Fairways Water	304	5,167	202212	1.570%
2231	FP35801051897	Leasehold Improvements Denver	driveway, grounds, electrical or wellhouse requires repair/replace	Varies	ANC Water	304.56	208	202212	1.650%
2232	FP35800026507	Well Renovations Central	Required repairs at leased office	repair or replace failure or broken asset	ANC Water	307	660	202212	1.310%
2233	FP35800021316	Crescent Ridge Addl Wtr Source	Redrill, grout, upgrade casing or install liner	Locate addition source of supply or attempt to increase production from existing sources	ANC Water	307	50,000	202212	1.310%
			Increase Water Supply for Crescent Ridge						

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					Rate	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
Line#	Project ID	Project Description	Project Reason	Project Scope	Division				
2234	FP35800021317	Merion Additional Wtr Source	Increase Water Supply for Merion	Locate addition source of supply or attempt to increase production from existing sources	ANC Water	307	50,000	202212	1.310%
2235	FP35800021319	High Grove Additional Wtr Source	Increase Water Supply for High Grove	Locate addition source of supply or attempt to increase production from existing sources	ANC Water	307	50,000	202212	1.310%
2236	FP35801021048	East Gaston Addl Source Supply	Single Well System in need of additional water supply	Locate addition source of supply or attempt to increase production from existing sources	ANC Water	307	50,000	202212	1.310%
2237	FP35801021050	River Park Addl Source Supply	Increase Water Supply to River Park	Locate addition source of supply or attempt to increase production from existing sources	ANC Water	307	50,000	202212	1.310%
2238	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202212	1.310%
2239	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,510	202212	4.560%
2240	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202212	4.560%
2241	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,601	202212	4.560%
2242	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	284	202212	4.560%
2243	FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,213	202212	4.560%
2244	FP35800021313	Critical Well Pump Flow Monitoring	Ground water and pump control for efficient operations	Install equipment to limit the destruction of well pumps on slow recharge well systems and/or high demand systems.	ANC Water	309	10,000	202212	4.560%
2245	FP35100094198	Tank/Vlv Bank Reno - Specific Sys	Update vlv bank with McDonald Miller, site glasses and accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202212	4.560%
2246	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202212	4.560%
2247	FP35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,182	202212	4.560%
2248	FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202212	1.790%
2249	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,952	202212	2.800%
2250	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202212	2.800%
2251	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202212	2.800%
2252	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202212	2.800%
2253	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202212	2.800%
2254	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202212	2.800%
2255	FP35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202212	2.800%
2256	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202212	3.860%
2257	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202212	3.860%
2258	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202212	3.860%
2259	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,760	202212	3.860%
2260	FP35801025390	Treatment Equipment West	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202212	3.860%

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					Rate	NARUC	Estimated	Estimated	Primary	
Line#	Project ID	Project Description	Project Reason	Project Scope	Division	Asset Account	In-Service Cost	In-service Date	Deprecation Rate	
				This marker is to ensure that moneys are reserved to design, permit, and install the necessary filtration to remove elevated concentrations of primary contaminants before exceeding the MCL, which is based on the Running Annual Average						
2261	FP35800015948	WSIC Primary WQ Marker - Future	Reserved unforeseen Primary Contaminant filter projects		ANC Water	320	225,000	202212	3.860%	
2262	FP35800016687	WSIC Timberlake OCCT	Copper Action Level Exceedance	Perform Engineering and installation of appropriate CCT	ANC Water	320	25,000	202212	3.860%	
2263	FP35800081525	WSIC Red Mtn FeMn Filtr P66	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	350,000	202212	3.860%	
2264	FP35100025786	WSIC Belews Landing FeMn Filter	Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	190,000	202212	3.860%	
2265	FP35100013494	Replace Radium Filters Kville	Filters will eventually reach exhaustion/breakthrough	Replace radium filter	ANC Water	320	45,000	202212	3.860%	
2266	FP35801007547	Windstone Cross Rplc Rad/Ur Filtrs	Replace filters when they reach exhasution/breakthrough	Replace radium filter	ANC Water	320	21,000	202212	3.860%	
2267	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,516	202212	3.860%	
2268	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202212	3.860%	
2269	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202212	2.150%	
2270	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	777	202212	2.150%	
2271	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202212	2.150%	
2272	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,244	202212	2.150%	
2273	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	619	202212	2.150%	
2274	FP35801078092	WSIC Fallscrest Rplc 5k Tank & Bldg Reno	Non-code tank due for inspection	Replace hydro tank	ANC Water	330	55,000	202212	2.150%	
2275	FP35801078095	WSIC Rama Woods replace 10k noncode tank	Non-code tank due for inspection	Replace hydro tank	ANC Water	330	75,000	202212	2.150%	
2276	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,425	202212	2.150%	
2277	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	32	202212	2.150%	
2278	FP35681621150	Cape Elevated Storage Repair	Existing 150K Elevated tank not turning over adequately	turnover in tank	Fairways Water	330	100,000	202212	2.150%	
2279	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202212	1.710%	
2280	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202212	1.710%	
2281	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,331	202212	1.710%	
2282	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202212	1.710%	
2283	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,350	202212	1.710%	
2284	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202212	1.710%	



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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
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2285	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202212	1.710%
2286	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202212	1.710%
2287	FP35800024697	Merion Emergency Interconnect	Need alternative source of supply due to wells losing production	Design, permit, CA/CO, install interconnection with Apex	ANC Water	331	50,000	202212	1.710%
2288	FP35801007558	WSIC Fallscrest Ph II Main/Svc	Replace aged and substandard pipe	Replace mains and services	ANC Water	331	430,000	202212	1.710%
2289	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202212	1.710%
2290	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202212	1.710%
2291	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202212	1.710%
2292	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202212	1.710%
2293	FP35681651667	WSIC Main Extension Cathay/RvrBreez	Reduce TTHM formation potential	To remove two dead end areas and create a looping main to help reduce the TTHM Potential formation	Fairways Water	331	750,000	202212	1.710%
2294	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202212	4.810%
2295	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202212	4.810%
2296	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202212	4.810%
2297	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202212	4.810%
2298	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202212	4.810%
2299	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202212	4.810%
2300	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202212	4.810%
2301	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202212	4.810%
2302	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202212	4.810%
2303	FP35740078378	WSIC Arran Lakes Serv Rplc (Greenoc	Replace aging failing service lines	Replace service lines	Brookwood	333	60,000	202212	4.810%
2304	FP35740078379	WSIC Arran Lakes Serv Rplc (Paisely	Replace aging failing service lines	Replace service lines	Brookwood	333	90,000	202212	4.810%
2305	FP35740078380	WSiC Arran Lakes Serv Rplc (Strickl	Replace aging failing service lines	Replace service lines	Brookwood	333	60,000	202212	4.810%
2306	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202212	4.810%
2307	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,058	202212	3.300%
2308	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,435	202212	3.300%
2309	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,424	202212	3.300%
2310	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,297	202212	3.300%
2311	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	334	202212	3.300%
2312	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202212	3.300%
2313	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	167	202212	3.300%

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2314	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202212	3.300%
2315	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202212	3.300%
2316	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,216	202212	3.300%
			Our current Manual Read water meters are outdated and in need of replacement due to nearing the end of their intended life.	Replacing Manual read meter with Radio Frequency water meters	ANC Water	334	0	202212	3.300%
2317	FP35900180497	WSIC Meter Replacement Marker	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202212	3.300%
2318	FP35740024832	Meter/Meter Box Reno Brookwood	Install new meters for new customers	Install new meter	Brookwood	334	667	202212	3.300%
2319	New FP	New Meters BWC	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202212	3.300%
2320	FP35681624759	Meters/Meter Box Reno FW	Install new meters for new customers	Install new meter	Fairways Water	334	417	202212	3.300%
2321	New FP	New Meters Fairways	Replace existing legacy solution	Implement NJB Soft SAMS application	Allocate	340	29,430	202212	20.000%
2322	FP35900104847	Water Quality Data Mgmt System	Replace and maintain company printers	Upgrade and replacement of Aqua printers	Allocate	340	8,000	202212	20.000%
2323	FP35900120357	Office Printers - 2022	To use a risk-based approach to preventative maintenance and capital investment guided by the condition of Aqua's assets and consequences of their failure	Build operational asset standards and maintenance guidelines	Allocate	340	96,330	202212	20.000%
2324	FP35900177791	FS-Asset Management Program	Microsoft products are key components of Aqua's workplace productivity strategy	Annual licensing costs and maintenance support of Microsoft products	Allocate	340	76,030	202212	20.000%
2325	FP35900186961	Corp MS EA Software 2019-2021							
2326	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202212	20.000%
2327	FP35900151743	RC Marker Statewide Vehicle Needs	Replacement of high mileage and damaged vehicles	Purchase vehicles	Allocate	341	350,000	202212	7.860%
2328	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202212	5.000%
2329	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202212	5.000%
2330	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202212	5.000%
2331	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202212	5.000%
2332	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202212	5.000%
2333	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202212	5.000%
2334	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202212	5.000%
2335	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	279	202212	5.000%
2336	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	73	202212	5.000%
2337	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202212	5.000%
2338	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202212	10.000%
2339	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202212	10.000%
2340	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202212	10.000%
2341	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202212	10.000%
2342	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202212	10.000%
2343	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202212	10.000%
2344	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202212	10.000%

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2345	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202212	10.000%
2346	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replacement	repair or replace failure or broken asset	ANC WW	354	3,404	202212	2.080%
2347	FP35101524782	P5300311: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replacement	repair or replace failure or broken asset	ANC WW	354	8,356	202212	2.080%
2348	FP35880092265	P5300101: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replacement	repair or replace failure or broken asset	ANC WW	354	33,893	202212	2.080%
2349	FP35881025434	P5300201: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replacement	repair or replace failure or broken asset	ANC WW	354	9,639	202212	2.080%
2350	FP35883011002	P5300301: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replacement	repair or replace failure or broken asset	ANC WW	354	1,147	202212	2.080%
2351	FP35880021650	Briarwood WWTP Single Train Rehab	Metal Deterioration in basin and piping	Recoat WWTP for reliability and compliance	ANC WW	354	350,000	202212	2.080%
2352	FP35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202212	2.080%
2353	FP35640124646	P5300201: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replacement	repair or replace failure or broken asset	Fairways WW	354	10,895	202212	2.080%
2354	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202212	3.050%
2355	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202212	3.050%
2356	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	549	202212	3.050%
2357	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202212	3.050%
2358	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202212	3.050%
2359	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202212	3.050%
2360	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,547	202212	1.530%
2361	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	552	202212	1.530%
2362	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202212	1.530%
2363	FP35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	619	202212	1.530%
2364	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202212	1.530%
2365	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	540	202212	1.530%
2366	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,737	202212	1.850%
2367	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	398	202212	1.850%
2368	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	831	202212	1.850%



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2369	FP35883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	289	202212	1.850%
2370	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	483	202212	1.850%
2371	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202212	1.850%
2372	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202212	2.450%
2373	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202212	2.450%
2374	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202212	2.450%
2375	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202212	2.450%
2376	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202212	2.450%
2377	FP35883016651	Services WW Fayville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202212	2.450%
2378	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202212	2.450%
2379	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,774	202212	7.410%
2380	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,488	202212	7.410%
2381	FP35883011012	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,462	202212	7.410%
2382	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	700	202212	7.410%
2383	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,502	202212	7.410%
2384	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202212	7.410%
2385	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202212	7.410%
2386	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,979	202212	7.410%
2387	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202212	2.770%
2388	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202212	2.770%
2389	FP35883011009	WWTP Equipment Fayville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202212	2.770%
2390	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,549	202212	2.770%
2391	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202212	2.770%
2392	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202212	2.770%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
2393	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202212	2.770%
2394	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement Many chemicals used in Central do not have secondary containment and could cause serious environmental issues	repair or replace failure or broken asset	ANC WW	380	135	202212	2.770%
2395	FP35880088733	WWTP Chemical Containment Install	Replace blowers/motors due to failure	Install new containments in chemical storage areas	ANC WW	380	50,000	202212	2.770%
2396	FP35880088855	SSIC Planned Blwr/Motor Rplc Mark	Increase biological treatment efficiency by removing unwanted material from the influent	Replace with new Install Fine Screen at headworks of WWTP to remove unwanted material from sewage influent	ANC WW	380	25,000	202212	2.770%
2397	FP35881007736	SSIC Willowbrook Fine Screen Instl	Increase biological treatment efficiency by removing unwanted material from the influent	Install Fine Screen at headworks of WWTP to remove unwanted material from sewage influent	ANC WW	380	200,000	202212	2.770%
2398	FP35101013453	SSIC Wellesley Instl Fine Screen	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202212	2.770%
2399	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202212	2.770%
2400	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202212	2.770%
2401	FP35640124650	WWTP Equipment FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202212	2.460%
2402	FP35640124606	Renovate Outfall Lines FW WW	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202212	5.000%
2403	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202212	5.000%
2404	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202212	5.000%
2405	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202212	5.000%
2406	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202212	5.000%
2407	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	91	202212	5.000%
2408	FP35640124655	P5300313:Working Tools-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202212	5.000%
2409	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202212	5.000%
2410	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	163	202212	5.000%
2411	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202212	5.000%
2412	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202212	5.000%
2413	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202212	5.000%
2414	FP35640124648	P5300313:Lab Equipment-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202212	6.670%
2415	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202212	6.670%
2416	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202212	6.670%
2417	FP35883011013	Remote Monitoring WW Fayetteville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202212	6.670%
2418	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202212	6.670%
2419	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202212	6.670%
2420	FP35640124663	Remote Monitoring FW WW							
2421	Total 2022						63,557,228		
1107	FP35100013366	WSIC Holiday Hills Rplc AC Pipe	Replace aged and deteriorating pipe Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential health effect issues for customers	Replace mains and services	ANC Water	331	810,000	202301	1.710%
1480	FP35800051784	WSIC Greymoss Fe/Mn Filter	Replace aged and deteriorating pipe	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	417,000	202301	3.860%
1507	FP35740007512	WSIC Aaron Hills Main/Svc Rplc PH1		Replace mains and services	Brookwood	331	827,000	202301	1.710%

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1675	FP35800078187	Greenpines #2 Rad Filter Rplc	Solve Increasing Radium and Uranium Concentrations	After evaluating expansion of further treatment, it was decided to eliminate the well due to its poor water quality and low production and interconnect Green Pines with Barclay Downs.	ANC Water	320	600,000	202301	3.860%
1699	FP35800021270	Briarwood Farms Interconnect	Service reliability on a single well system with capacity issues	Interconnect Briarwood Farms with the Briarwood Kildaire system	ANC Water	331	50,000	202301	1.710%
2422	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202301	1.570%
2423	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	613	202301	1.570%
2424	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202301	1.570%
2425	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202301	1.570%
2426	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202301	1.570%
2427	FP35100064892	Instl Quick Connct/Trnsfr Switch	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	2,500	202301	1.570%
2428	FP35801065062	Instl Quick Con/Trnsfr Switches	Allow for generator to be hooked up during power outage w/o straight wireing	Install Hubbel plugs at wells	ANC Water	304	3,188	202301	1.570%
2429	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202301	1.570%
2430	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202301	1.570%
2431	FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202301	1.650%
2432	FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202301	1.310%
2433	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202301	1.310%
2434	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,511	202301	4.560%
2435	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202301	4.560%
2436	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202301	4.560%
2437	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	284	202301	4.560%
2438	FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202301	4.560%
2439	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202301	4.560%
2440	FP35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202301	4.560%
2441	FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202301	1.790%
2442	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,952	202301	2.800%
2443	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202301	2.800%
2444	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202301	2.800%
2445	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202301	2.800%
2446	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202301	2.800%
2447	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202301	2.800%



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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
2448	FP35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202301	2.800%
2449	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202301	3.860%
2450	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202301	3.860%
2451	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202301	3.860%
2452	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,761	202301	3.860%
2453	FP35801025390	Treatment Equipment West	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202301	3.860%
2454	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,515	202301	3.860%
2455	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202301	3.860%
2456	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202301	2.150%
2457	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202301	2.150%
2458	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202301	2.150%
2459	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202301	2.150%
2460	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202301	2.150%
2461	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202301	2.150%
2462	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	33	202301	2.150%
2463	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202301	1.710%
2464	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202301	1.710%
2465	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,332	202301	1.710%
2466	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202301	1.710%
2467	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202301	1.710%
2468	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202301	1.710%
2469	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202301	1.710%
2470	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202301	1.710%
2471	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202301	1.710%
2472	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202301	1.710%
2473	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202301	1.710%
2474	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202301	1.710%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
2475	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202301	4.810%
2476	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202301	4.810%
2477	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202301	4.810%
2478	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202301	4.810%
2479	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202301	4.810%
2480	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202301	4.810%
2481	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202301	4.810%
2482	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202301	4.810%
2483	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202301	4.810%
2484	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202301	4.810%
2485	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,058	202301	3.300%
2486	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,436	202301	3.300%
2487	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202301	3.300%
2488	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,298	202301	3.300%
2489	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	334	202301	3.300%
2490	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202301	3.300%
2491	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	166	202301	3.300%
2492	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202301	3.300%
2493	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202301	3.300%
2494	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,217	202301	3.300%
2495	FP35740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202301	3.300%
2496	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202301	3.300%
2497	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202301	3.300%
2498	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202301	3.300%
2499	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202301	20.000%
2500	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202301	5.000%
2501	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202301	5.000%
2502	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202301	5.000%
2503	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202301	5.000%
2504	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202301	5.000%
2505	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202301	5.000%
2506	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202301	5.000%

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					Rate	NARUC	Estimated	Estimated	Primary
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2507	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202301	5.000%
2508	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202301	5.000%
2509	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	87	202301	5.000%
2510	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202301	10.000%
2511	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202301	10.000%
2512	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202301	10.000%
2513	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202301	10.000%
2514	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202301	10.000%
2515	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202301	10.000%
2516	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	229	202301	10.000%
2517	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202301	10.000%
2518	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,403	202301	2.080%
2519	FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202301	2.080%
2520	FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202301	2.080%
2521	FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202301	2.080%
2522	FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,146	202301	2.080%
2523	FP35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202301	2.080%
2524	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202301	3.050%
2525	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,815	202301	3.050%
2526	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202301	3.050%
2527	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202301	3.050%
2528	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	311	202301	3.050%
2529	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202301	3.050%
2530	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,547	202301	1.530%
2531	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	552	202301	1.530%



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2532	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202301	1.530%
2533	FP35883011004	Force Mains Fayetteville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	620	202301	1.530%
2534	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202301	1.530%
2535	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	540	202301	1.530%
2536	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,738	202301	1.850%
2537	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	398	202301	1.850%
2538	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	832	202301	1.850%
2539	FP35883011005	Gravity Mains Fayetteville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	289	202301	1.850%
2540	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	483	202301	1.850%
2541	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202301	1.850%
2542	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202301	2.450%
2543	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202301	2.450%
2544	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202301	2.450%
2545	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202301	2.450%
2546	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202301	2.450%
2547	FP35883016651	Services WW Fayetteville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202301	2.450%
2548	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202301	2.450%
2549	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202301	7.410%
2550	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202301	7.410%
2551	FP35883011012	Pumping Equipment Fayetteville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202301	7.410%
2552	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202301	7.410%
2553	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202301	7.410%
2554	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202301	7.410%
2555	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202301	7.410%

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2556	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,980	202301	7.410%
2557	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202301	2.770%
2558	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202301	2.770%
2559	FP35883011009	WWTP Equipment Fayetteville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202301	2.770%
2560	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,550	202301	2.770%
2561	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202301	2.770%
2562	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202301	2.770%
2563	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202301	2.770%
2564	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	135	202301	2.770%
2565	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202301	2.770%
2566	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	8,333	202301	2.770%
2567	FP35640124650	WWTP Equipment FW WW	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202301	2.770%
2568	FP35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202301	2.460%
2569	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202301	5.000%
2570	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202301	5.000%
2571	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	240	202301	5.000%
2572	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	446	202301	5.000%
2573	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202301	5.000%
2574	FP35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	92	202301	5.000%
2575	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202301	5.000%
2576	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202301	5.000%
2577	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	164	202301	5.000%
2578	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202301	5.000%
2579	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202301	5.000%
2580	FP35640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202301	5.000%
2581	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202301	6.670%
2582	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202301	6.670%
2583	FP35883011013	Remote Monitoring WW Fayetteville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202301	6.670%
2584	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202301	6.670%
2585	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	42	202301	6.670%
2586	FP35640124663	Remote Monitoring FW WW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202301	6.670%

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1216	FP35880021652	Crooked Creek Rplc Filter Media	Current degradation of the media and underdrain structure	Replace new media and associated pumping and controls	ANC WW	380	30,000	202302	2.770%
1759	FP35880088725	Crooked Creek Trane Metal Restore	Metal deterioration	Recoat WWTP for reliability and compliance	ANC WW	354	225,000	202302	2.080%
2587	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202302	1.570%
2588	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	613	202302	1.570%
2589	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202302	1.570%
2590	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,194	202302	1.570%
2591	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202302	1.570%
2592	FP35100064892	Instl Quick Connct/Trnsfr Switch	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	2,500	202302	1.570%
2593	FP35801065062	Instl Quick Con/Trnsfr Switches	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	3,188	202302	1.570%
2594	FP35900113493	SAFE ANC Water Improvnt Marker	To ensure safety at all Aqua sites	Project scope will vary by site and/or State/Federal Regulations	ANC Water	304	30,000	202302	1.570%
2595	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202302	1.570%
2596	FP35740088513	SAFE Brookwood Improvmt Marker	To ensure safety at all Aqua sites	Project scope will vary by site and/or State/Federal Regulations	Brookwood	304	15,000	202302	1.570%
2597	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202302	1.570%
2598	FP35681688504	SAFE Fairways Water Impr Marker	To ensure safety at all Aqua sites	Project scope will vary by site and/or State/Federal Regulations	Fairways Water	304	3,500	202302	1.570%
2599	FP35900120969	Cary Building & Ground Improvements	funding for Cary Office Bldg Maintenance	Rplc HVAC/Plg or other bldg maintenance	ANC Water	304.56	3,500	202302	1.650%
2600	FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202302	1.650%
2601	FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202302	1.310%
2602	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202302	1.310%
2603	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,511	202302	4.560%
2604	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202302	4.560%
2605	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202302	4.560%
2606	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202302	4.560%
2607	FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202302	4.560%
2608	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202302	4.560%
2609	FP35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202302	4.560%
2610	FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202302	1.790%
2611	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,952	202302	2.800%
2612	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202302	2.800%
2613	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202302	2.800%
2614	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202302	2.800%



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2615	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202302	2.800%
2616	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202302	2.800%
2617	FP35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,135	202302	2.800%
2618	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202302	3.860%
2619	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202302	3.860%
2620	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	689	202302	3.860%
2621	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,761	202302	3.860%
2622	FP35801025390	Treatment Equipment West	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,640	202302	3.860%
2623	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,515	202302	3.860%
2624	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202302	3.860%
2625	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202302	2.150%
2626	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202302	2.150%
2627	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202302	2.150%
2628	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202302	2.150%
2629	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202302	2.150%
2630	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202302	2.150%
2631	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	33	202302	2.150%
2632	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202302	1.710%
2633	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202302	1.710%
2634	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,332	202302	1.710%
2635	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202302	1.710%
2636	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202302	1.710%
2637	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202302	1.710%
2638	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202302	1.710%
2639	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202302	1.710%
2640	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202302	1.710%

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2641	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202302	1.710%
2642	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,984	202302	1.710%
2643	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202302	1.710%
2644	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202302	4.810%
2645	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202302	4.810%
2646	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202302	4.810%
2647	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202302	4.810%
2648	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202302	4.810%
2649	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202302	4.810%
2650	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202302	4.810%
2651	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202302	4.810%
2652	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202302	4.810%
2653	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202302	4.810%
2654	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,058	202302	3.300%
2655	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,436	202302	3.300%
2656	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202302	3.300%
2657	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,298	202302	3.300%
2658	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	334	202302	3.300%
2659	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202302	3.300%
2660	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	166	202302	3.300%
2661	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	34	202302	3.300%
2662	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202302	3.300%
2663	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,217	202302	3.300%
2664	FP35740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202302	3.300%
2665	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	666	202302	3.300%
2666	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202302	3.300%
2667	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	416	202302	3.300%
2668	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202302	20.000%
2669	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202302	5.000%
2670	FP35100524703	P5300310:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	22	202302	5.000%

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					Rate	NARUC	Estimated	Estimated	Primary
					Division	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope		Account	Cost	Date	Rate
2671	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202302	5.000%
2672	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202302	5.000%
2673	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202302	5.000%
2674	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202302	5.000%
2675	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202302	5.000%
2676	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202302	5.000%
2677	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202302	5.000%
2678	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202302	5.000%
2679	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202302	5.000%
2680	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,460	202302	10.000%
2681	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202302	10.000%
2682	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202302	10.000%
2683	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202302	10.000%
2684	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202302	10.000%
2685	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202302	10.000%
2686	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	229	202302	10.000%
2687	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202302	10.000%
2688	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,403	202302	2.080%
2689	FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202302	2.080%
2690	FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202302	2.080%
2691	FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202302	2.080%
2692	FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202302	2.080%
2693	FP35900188833	SAFE ANC WW Improvement Marker	To ensure safety at all Aqua sites	Project scope will vary by site and/or State/Federal Regulations	ANC WW	354	30,000	202302	2.080%
2694	FP35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202302	2.080%
2695	FP35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202302	3.050%
2696	FP35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202302	3.050%
2697	FP35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202302	3.050%
2698	FP35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202302	3.050%



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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
2699	FP35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	311	202302	3.050%
2700	New 5300211	CWE - switch generator to nat'l gas	Provide emer generator service	Switch gas for generator	ANC WW	355	6,000	202302	3.050%
2701	FP35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202302	3.050%
2702	FP35880092257	CW Force Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	5,547	202302	1.530%
2703	FP35101524783	Force Main Renovation Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	552	202302	1.530%
2704	FP35881025437	Force Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	2,997	202302	1.530%
2705	FP35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	620	202302	1.530%
2706	FP35101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	796	202302	1.530%
2707	FP35640124607	Renovate Force Main FW WW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	360	540	202302	1.530%
2708	FP35880092260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	7,738	202302	1.850%
2709	FP35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	397	202302	1.850%
2710	FP35881025439	Gravity Main Renovation West	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	831	202302	1.850%
2711	FP35883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	289	202302	1.850%
2712	FP35101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	483	202302	1.850%
2713	FP35640124657	Gravity Main Reno FW	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202302	1.850%
2714	FP35101016646	Services WW Kville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202302	2.450%
2715	FP35101516655	GP Service Line Coast	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202302	2.450%
2716	FP35880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202302	2.450%
2717	FP35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202302	2.450%
2718	FP35881016650	Services WW West	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202302	2.450%
2719	FP35883016651	Services WW Fayville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202302	2.450%
2720	FP35640116648	Services FW WW	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202302	2.450%
2721	FP35880092283	CW Pumping Equipment WW Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202302	7.410%
2722	FP35101524793	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202302	7.410%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
2723	FP35883011012	Pumping Equipment Fayetteville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202302	7.410%
2724	FP35101025132	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202302	7.410%
2725	FP35881025988	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202302	7.410%
2726	FP35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202302	7.410%
2727	FP35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202302	7.410%
2728	FP35640124658	Pumping Equipment FW WW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,980	202302	7.410%
2729	FP35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202302	2.770%
2730	FP35101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202302	2.770%
2731	FP35883011009	WWTP Equipment Fayetteville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	915	202302	2.770%
2732	FP35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,550	202302	2.770%
2733	FP35881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202302	2.770%
2734	FP35880092302	CW Spray Irrigation Improvements	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202302	2.770%
2735	FP35101524789	Renovate Spray Irrigation Coast	spray irrigation field requires repair/replacement or restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202302	2.770%
2736	FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	135	202302	2.770%
2737	FP35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202302	2.770%
2738	FP35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	8,333	202302	2.770%
2739	FP35640124650	WWTP Equipment FW WW	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,339	202302	2.770%
2740	FP35640188503	SAFE Fairways WW Imprv Marker	To ensure safety at all Aqua sites	Project scope will vary by site and/or State/Federal Regulations	Fairways WW	380	10,000	202302	2.770%
2741	FP35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202302	2.460%
2742	FP35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202302	5.000%
2743	FP35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202302	5.000%
2744	FP35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	240	202302	5.000%
2745	FP35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	446	202302	5.000%
2746	FP35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202302	5.000%
2747	FP35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	92	202302	5.000%
2748	FP35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202302	5.000%
2749	FP35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202302	5.000%
2750	FP35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	164	202302	5.000%
2751	FP35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202302	5.000%
2752	FP35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202302	5.000%
2753	FP35640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202302	5.000%
2754	FP35880027406	Remote Monitoring WW Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202302	6.670%

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2755	FP35101528262	Remote Monitoring WW Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202302	6.670%
2756	FP35883011013	Remote Monitoring WW Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202302	6.670%
2757	FP35101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202302	6.670%
2758	FP35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202302	6.670%
2759	FP35640124663	Remote Monitoring FW WW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202302	6.670%
75	FP35801013381	Shadow Oaks/MarLyn Eng Interconnect	Install vault and valve for emergency interconnection	Installed vault/valve	ANC Water	331	5,000	202303	1.710%
2760	FP35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202303	1.570%
2761	FP35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	613	202303	1.570%
2762	FP35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202303	1.570%
2763	FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	48,194	202303	1.570%
2764	FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202303	1.570%
2765	FP35100064892	Instl Quick Connct/Trnsfr Switch	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	2,500	202303	1.570%
2766	FP35801065062	Instl Quick Con/Trnsfr Switches	Allow for generator to be hooked up during power outage w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	3,188	202303	1.570%
2767	FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202303	1.570%
2768	FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202303	1.570%
2769	NEW FP	cape driving range driveway	Long driveway needs rebuilt	build accesss road	Fairways Water	304	120,000	202303	1.570%
2770	FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202303	1.650%
2771	FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	659	202303	1.310%
2772	FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202303	1.310%
2773	FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,511	202303	4.560%
2774	FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202303	4.560%
2775	FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202303	4.560%
2776	FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202303	4.560%
2777	FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202303	4.560%
2778	FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202303	4.560%
2779	FP35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202303	4.560%
2780	FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202303	1.790%
2781	FP35800092237	CW Pumping Equipment Central	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,952	202303	2.800%
2782	FP35100524692	Pumping Equipment Coast	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	517	202303	2.800%
2783	FP35100324843	Pumping Equipment Fayville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	341	202303	2.800%



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Line#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
2784	FP35100025012	Pumping Equipment Kville	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,446	202303	2.800%
2785	FP35801025382	Pumping Equipment West	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202303	2.800%
2786	FP35740024815	Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202303	2.800%
2787	FP35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,136	202303	2.800%
2788	FP35800092240	CW Treatment Equipment Central	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	37,155	202303	3.860%
2789	FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202303	3.860%
2790	FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	690	202303	3.860%
2791	FP35100025014	Treatment Equipment Kville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	3,761	202303	3.860%
2792	FP35801025390	Treatment Equipment West	repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,640	202303	3.860%
2793	FP35100013495	Replace FeMn Filters Kville	End of life, no longer providing adequate filtration	Replace filters	ANC Water	320	70,000	202303	3.860%
2794	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,515	202303	3.860%
2795	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202303	3.860%
2796	FP35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202303	2.150%
2797	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202303	2.150%
2798	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	25	202303	2.150%
2799	FP35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202303	2.150%
2800	FP35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202303	2.150%
2801	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202303	2.150%
2802	FP35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	33	202303	2.150%
2803	FP35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202303	1.710%
2804	FP35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,277	202303	1.710%
2805	FP35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,332	202303	1.710%
2806	FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202303	1.710%
2807	FP35100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202303	1.710%
2808	FP35800092101	CW Main Repair/Valve Rplc Central	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	9,333	202303	1.710%
2809	FP35100025017	Main Repair/Valve Replace Kville	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	500	202303	1.710%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Depreciation Rate
2810	FP35801025395	Main Repair/Valve Rplc West	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,166	202303	1.710%
2811	FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,889	202303	1.710%
2812	FP35740024828	Main Repair/Valve Rplc Brookwood	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202303	1.710%
2813	FP35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331	5,983	202303	1.710%
2814	FP35681624750	Main Repair/Valve Replace FW	water main/valve has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202303	1.710%
2815	FP35100016473	Services - Kville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202303	4.810%
2816	FP35100316474	Services Fayville	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202303	4.810%
2817	FP35100516475	Services Coast	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202303	4.810%
2818	FP35800092249	CE Services Central	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202303	4.810%
2819	FP35801016479	Services West	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202303	4.810%
2820	New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202303	4.810%
2821	New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202303	4.810%
2822	New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202303	4.810%
2823	FP35740016477	Services Brookwood	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202303	4.810%
2824	FP35681616476	Services FW	water service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202303	4.810%
2825	FP35800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	17,058	202303	3.300%
2826	FP35100324849	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	1,436	202303	3.300%
2827	FP35100025021	Meter/Meter Box Reno Kville	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202303	3.300%
2828	FP35801027002	Meter/Meter Box Reno West	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	15,298	202303	3.300%
2829	FP35100524700	Meters/Meter Box Reno Coast	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	334	334	202303	3.300%
2830	New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202303	3.300%
2831	New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	166	202303	3.300%
2832	New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	34	202303	3.300%
2833	New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202303	3.300%
2834	New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,217	202303	3.300%
2835	FP35740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202303	3.300%
2836	New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	666	202303	3.300%
2837	FP35681624759	Meters/Meter Box Reno FW	water meter/box requires repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202303	3.300%
2838	New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	416	202303	3.300%

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Line#	Project ID	Project Description	Project Reason	Project Scope	Rate Division	NARUC Asset Account	Estimated In-Service Cost	Estimated In-service Date	Primary Deprecation Rate
2839	FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202303	20.000%
2840	FP35900124806	NC Office Equipment/Furniture	Replace or purchase printers or furniture due to failure or new employee as needed	Replace/purchase printers or furniture	Allocate	340	3,175	202303	5.000%
2841	FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202303	5.000%
2842	FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202303	5.000%
2843	FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202303	5.000%
2844	FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202303	5.000%
2845	FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	393	202303	5.000%
2846	FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202303	5.000%
2847	FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202303	5.000%
2848	FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202303	5.000%
2849	FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202303	5.000%
2850	FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202303	5.000%
2851	FP35800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,460	202303	10.000%
2852	FP35100524704	Remote Monitoring Coast	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202303	10.000%
2853	FP35100359632	Remote Monitoring Fayville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	488	202303	10.000%
2854	FP35100025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202303	10.000%
2855	FP35801025403	Remote Monitoring West	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,368	202303	10.000%
2856	FP35801078032	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202303	10.000%
2857	FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202303	10.000%
2858	FP35681624764	Remote Monitoring FW	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202303	10.000%
2859	FP35101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	3,403	202303	2.080%
2860	FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202303	2.080%
2861	FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202303	2.080%
2862	FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202303	2.080%
2863	FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202303	2.080%
2864	FP35881013465	Alexander Island Reline L/S	Extend life of wet well and seals existing cracks/leaks	Line L/S	ANC WW	354	7,000	202303	2.080%
2865	FP35881013466	CountryCnr Marina/RiverPk Reline LS	Extend life of wet well and seals existing cracks/leaks	Line L/S	ANC WW	354	7,000	202303	2.080%
2866	FP35881013467	Catawba Queen River Pk Reline L/S	Extend life of wet well and seals existing cracks/leaks	Line L/S	ANC WW	354	7,000	202303	2.080%