Line#	(a)	(b)	(C)	(d)	(e

_ine#	(a)	(b)	(c)	(d)	(e)		(h) Estimated		(j) Primary
					Rate	Asset		In-service	Deprecation
ine# Pro	ject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
1 FP3	35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	6,150	202201	1,570%
2 FP3	35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	613	202201	1.570%
3 FP3	35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	920	202201	1.570%
4 FP3	35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	48,195	202201	1.570%
5 FP3	35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202201	1.570%
	35100007522	Mikkola #1 & #2 Rplc Bldgs	Deteriorated well houses Added equipment to bldg for work being done on single	Replaced well houses	ANC Water	304	69,230	202201	1.570%
7 FP3	35100026925	Portable Well House - Kernersville	well systems Allow for generator to be hooked up during power outage	Added SCADA, hoses, VIv bank	ANC Water	304	5,364	202201	1.570%
8 FP3	35100064892	Huntcliff Instl Gen Quick Conn	w/o straight wiring Allow for generator to be hooked up during power outage	Install Hubbel plugs at wells	ANC Water	304	2,146	202201	1.570%
9 FP3	35100064892	Deer Path Instl Gen Quick Conn	w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	1,828	202201	1.570%
10 FP3	35100064934	Countryside Rplc Wellhouse 12x12	Deteriorated building	Replaced building	ANC Water	304	37,078	202201	1.570%
11 FP3	35801013375	Maplecrest rebuild house	Deterioration of house	Rebuild entire house	ANC Water	304	13,802	202201	1.570%
12 FP3	35801013378	Fox Ridge #1 rebuild well house	Deterioration of house	Rebuild entire house	ANC Water	304	8,682	202201	1.570%
13 FP3	35801013387	Knob Creek Repair roof & new pad	Roof damaged and concrete pad was broken Allow for generator to be hooked up during power outage	Replaced roof and concrete pad	ANC Water	304	4,526	202201	1.570%
14 FP3	35801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing driveway, grounds, electrical or wellhouse requires	Install Hubbel plugs at wells	ANC Water	304	3,188	202201	1.570%
15 FP3	35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Brookwood	304	15,499	202201	1.570%
16 FP3	35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202201	1.570%
17 FP3	35801036255	Denver Office Bldg. Repairs	Required repairs at leased office	Varies	ANC Water	304.56	216	202201	1.650%
18 FP3	35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202201	1.650%
19 FP3	35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202201	1.310%
20 FP3	35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202201	1.310%
21 FP3	35800092247	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	202201	4.560%
22 FP3	35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202201	4.560%
23 FP3	35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202201	4.560%
24 FP3	35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	284	202201	4.560%
25 FP3	35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair Update vlv bank with McDonald Miller, site glasses and	repair or replace failure or broken asset	ANC Water	309	11,212	202201	4.560%
26 FP3	35100094198	Tank/valve bank reno Lennox Woods	accys to show water volume in tank Update vlv bank with McDonald Miller, site glasses and	Redo valve bank	ANC Water	309	4,613	202201	4.560%
27 FP3	35100094198	Tank/valve bank reno Belews Lnd	accys to show water volume in tank Update vlv bank with McDonald Miller, site glasses and	Redo valve bank	ANC Water	309	3,300	202201	4.560%
28 FP3	35100094198	Tank/Vlv Bank Reno - Specific Sys	accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202201	4.560%
	35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202201	4.560%
	35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202201	4.560%
	35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202201	1.790%
	35100016294	Instl Generator Lennox Woods N075	Provide water during power outages	Installed generator	ANC Water	310	12,417	202201	1.790%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

 ine	***	
	3##	

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
Line# Proje	ect ID	Project Description	Project Person		Rate	Asset	In-Service	In-service	Deprecation
		Project Description	Project Reason pump equip has failure or reduced function that requires	Project Scope	Division	Account	Cost	Date	Rate
33 FP35	5800092237	CW Pumping Equipment Central	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	51,952	202201	2.800%
34 FP35	5100524692	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	517	202201	2.800%
35 FP35	5100324843	Pumping Equipment Fayville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	340	202201	2.800%
36 FP35	5100025012	Pumping Equipment Kville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	9,447	202201	2.800%
37 FP35	5801025382	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset		044	00.074	000004	0.0000/
38 FP35	5801007533	Brights Crk Rplc Booster Pmps	Replace booster pumps & motors when they fail	Replace pump/motor	ANC Water	311	26,374	202201	2,800%
			pump equip has failure or reduced function that requires		ANC Water	311	25,747	202201	2.800%
	5740024815	Pumping Equipment Brookwood	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	Brookwood	311	11,930	202201	2.800%
40 FP35	5681624752	Pumping Equipment FW	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Fairways Water	311	4,135	202201	2.800%
41 FP35	5800092240	CW Treatment Equipment Central	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	37,155	202201	3.860%
42 FP35	5100524694	Treatment Equipment Coast	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	818	202201	3.860%
43 FP35	5100324844	Treatment Equipment Fayville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	689	202201	3.860%
44 FP35	100025014	Treatment Equipment Kville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	3,761	202201	3.860%
45 FP35	801025390	Treatment Equipment West	repair/replacement Fe/Mn concentrations in well water above EPA	repair or replace failure or broken asset	ANC Water	320	5,641	202201	3.860%
46 FP35	800051754	Replace Fe/Mn Filter Stansted 2-227	secondary limits, creating discolored water and potential health effect issues for customers Fe/Mn concentrations in well water above EPA	Replace existing filter system	ANC Water	320	270,000	202201	3.860%
47 FP358	801004192	WSIC Mountain Vista LC FeMn Filter	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	202201	3.860%
48 FP35	100013495	Meadow Ridge Rplc FeMn Filters	Reached end of life, no longer providing adequate filtration						
	100025014	Bulk Storage for Chemicals - Kville	Add storag for chemicals	Replaced filters Set building	ANC Water	320	33,314	202201	3.860%
	740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement		ANC Water	320	2,282	202201	3.860%
	681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,515	202201	3.860%
0111000	001024700	rreatment Equipment I W	repairreplacement	repair or replace failure or broken asset	Fairways Water	320	757	202201	3.860%
52 FP351	100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202201	2.150%
53 FP358	800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202201	2.150%
54 FP351	100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202201	2.150%
55 FP351	100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202201	2.150%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Dete				•
Line# Pr	roject ID	Project Description	Project Reason	Dreiset Saara	Rate	Asset	In-Service		Deprecation
1.	-			Project Scope	Division	Account	Cost	Date	Rate
56 FF	P35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset		220	040	000004	0 45054
57 FF	P35800088482	WSIC Tyndrum Hydro Tank Rplc 5k	Reached life expectancy and needs replaced	Replace Hydro Tank and associated piping with new	ANC Water	330	618	202201	2.150%
58 FF	P35100007521	Mikkola #1 Instl 7.5k Hydro Tk	Added tank since there was no storage	Replaced tank	ANC Water	330	42,047	202201	2.150%
59 FF	P35100021000	WSIC Mineral Springs Instl 2k Tank - DEQ	Reached life expectancy and needs replaced	Replace Hydro Tank and associated piping with new	ANC Water ANC Water	330	52,501	202201	2.150%
60 FF	P35100022355	WSIC Mineral Springs Install Hydro Tank	Add storage to meet DEQ approval	Installed hydro tank		330	36,000	202201	2.150%
61 FP	P35801013373	WSIC Malibu Point Repl 10k non-code tank	Replace Non-code tank	Replaced tank	ANC Water ANC Water	330	46,787	202201	2.150%
					ANC water	330	64,058	202201	2.150%
62 Ne	ew FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202201	2.150%
63 FP	P35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	and the second	854 C				
	235800092082	CE Main Renovations Central	tank asset has failure that requires repair/replacement water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	330	33	202201	2.150%
	°35100524697	Main Renovation Coast	water main breaks that require immediate repair water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202201	1.710%
	35100324845	Main Renovation Fayville	water main breaks that require immediate repair water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202201	1.710%
	°35801025394	Main Renovation West	water main breaks that require immediate repair water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	= 2,332	202201	1.710%
	35100025016	Main Renovations Kville	water main breaks that require immediate repair water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202201	1.710%
			water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	10,349	202201	1.710%
69 FP	35800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration	rongin on romano feilure en hastan and t					
			water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,333	202201	1.710%
70 FP	35100025017	Main Repair/Valve Replace Kville	repair/replacement and restoration	repair or replace failure or broken asset		0.0.4			
			water main/valve has failure that requires	repair of replace failure of broken asset	ANC Water	331	500	202201	1.710%
71 FP	35801025395	Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	224	40.407	000004	4 7400/
72 FP	35100013367	WSIC Olde Beau Repl Main (1700'-4")	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	12,167	202201	1.710%
73 FP	35100078006	WSIC Beard Acres - Rplc 2" Mains/Se	Replace aged and deteriorating pipe	Replace mains and services		331	256,000	202201	1 710%
74 FP	35801013296	Dogwood Knolls Phase 2 Improvements	Acquisition improvements	Renovated well house	ANC Water ANC Water	331	303,000	202201	1.710%
76 FP	35801013410	WSIC Beacon Hills Rplc Valves	Replace non-operable valves; unable to isolate leaks	Replace main line valves	ANC Water	331	7,704	202201	1.710%
77 FP3	35740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	29,650	202201	1.710%
			water main/valve has failure that requires	repair of replace failure of broken asset	DIOOKWUUU	331	53,889	202201	1.710%
78 FP3	35740024828	Main Repair/Valve Rplc Brookwood	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	224	500	202204	4 7400/
79 FP3	35740007510	WSIC Marlboro AC Main/Svc Rplc	Replace aged and deteriorating pipe	Replace mains and services	Brookwood	331	500	202201	1.710%
80 FP:	35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Fairways Water	331 331	585,462	202201	1.710%
			water main/valve has failure that requires		i anways vvaler	331	5,984	202201	1.710%
81 FP:	35681624750	Main Repair/Valve Replace FW	repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202201	1 7100/
			water service has failure that requires repair/replacement		i aliways vvalei	551	107	202201	1.710%
82 FP:	35100016473	Services - Kville	and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202201	4.810%
			water service has failure that requires repair/replacement			555	7,507	202201	4.01070
83 FP3	35100316474	Services Fayville	and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202201	4.810%
			water service has failure that requires repair/replacement			555	0,042	202201	4.01076
84 FP3	35100516475	Services Coast	and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202201	4.810%
			water service has failure that requires repair/replacement		And Water	000	1,050	202201	4.01070
85 FP3	35800092249	CE Services Central	and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202201	4.810%
			water service has failure that requires repair/replacement			555	40,004	202201	4.010%
	35801016479	Services West	and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202201	4.810%
87 Nev		New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202201	4.810%
88 Nev		New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202201	4.810%
89 Nev	w FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202201	4.810%
						555	7,270	202201	4.01070

141

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

OFFICIAL COPY

Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
Linett Drai					Rate	Asset	In-Service	In-service	Deprecation
Line# Proj		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
90 FP3	5740016477	Services Brookwood	water service has failure that requires repair/replaceme and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset	Brookwood	333	54,763	202201	4.810%
91 FP3	5681616476	Services FW	and restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	Fairways Water	333	1,686	202201	4.810%
92 FP3	5800092105	CW Meter/Meter Box Reno Central	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	17,058	202201	3.300%
93 FP3	5100324849	Meter/Meter Box Reno Fayville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	1,436	202201	3,300%
94 FP35	5100025021	Meter/Meter Box Reno Kville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	4,423	202201	3.300%
95 FP38	5801027002	Meter/Meter Box Reno West	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	15,298	202201	3.300%
96 FP35	5100524700	Meters/Meter Box Reno Coast	restoration	repair or replace failure or broken asset	ANC Water	334	334	202201	2 2000/
97 New	FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202201	3.300% 3.300%
98 New	FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	166	202201	3.300%
99 New	FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202201	3.300%
100 New	FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202201	
101 New	FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334			3.300%
			water meter/box requires repair/replacement and		ANC Water	334	4,217	202201	3.300%
102 FP35	5740024832	Meter/Meter Box Reno Brookwood	restoration	repair or replace failure or broken asset	Proclawood	224	6 7 4 7	202204	2 2000/
103 New	FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	6,747	202201	3.300%
			water meter/box requires repair/replacement and		Brookwood	334	667	202201	3.300%
104 FP35	5681624759	Meters/Meter Box Reno FW	restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202201	3.300%
105 New	FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202201	3.300%
106 FP35	5900107149	AquaSpread - Customer	Funding source for Customer-related IT projects	Provide funding as needed for Customer projects	Allocate	340	53,850	202201	
		5 5	Improve the projects that provide service to Aqua	Plan and execute the strategic projects that will improve	Allocate	540	55,650	202201	20.000%
107 FP35	5900107329	Service Improvement Project	customers Gain customer feedback on their experiences and	our service delivery to Aqua's customers. Å	Allocate	340	2,986,930	202201	6.670%
108 FP35	5900107947	Customer Experience Program	interactions with Aqua		Allocate	340	49,050	202201	20.000%
100 ED35	5900111789	MS365 Roadmap	Replacement of Skype for Business and preparation for	Implementation of MS365 products, including Microsoft					
109 1 1 35	5500111705		migration to SharePoint Online	Final work to complete upgrade of Banner CIS	Allocate	340	24,530	202201	20.000%
110 ED35	5900112333	Rappor Database Tech Upgrade	Koon Bannas databasa wa ta data	technology platform to latest vendor-supported hardware					
110 FP35	900112333	Banner Database Tech Upgrade	Keep Banner database up-to-date	versions	Allocate	340	49,050	202201	20.000%
			less and the less that the second sec	Select enhancements to company financial systems to					
	000440202	FIG Dusinger Need Ourset 2021	Improve and enhance existing Finance applications in	support regulatory requirements and general accounting					
111 FP35	5900112383	FIS Business Need Support 2021	2021	enhancements	Allocate	340	98,100	202201	20.000%
112 FP35	5900117000	IT Applications Upgrade 2021	Improve and enhance existing IT applications in 2021 Funding source for Network and Telecom-related IT	Upgrades and enhancements to small IT applications	Allocate	340	9,810	202201	20.000%
113 FP35	5900122409	AquaSpread - Network/Telecom	projects	Provide funding as needed for Network/Telecom projects	Allocate	340	206.010	202204	20.0008/
114 FP35	900150661	Corp Aqua Workstation Refresh	Refresh aging user workstation equipment		Allocate	340 340	206,010 51,890	202201	20.000%
115 FP35	900162897	PCs - Desktop/Laptop	Replacement of aging desktops and laptops		Allocate	340 340		202201	20.000%
			Enable the integration of new customers via system		Anocale	340	35,800	202201	20.000%
116 FP35	900167073	CIS Acquisitions Integration	acquisitions	Track IT work associated with new customer growth	Allocate	340	46,600	202201	20.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Line#	(a)	(b)	(c)	(d)	(e) Rate	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
Line# Pro	oject ID	Project Description	Project Reason	Project Second		Asset	In-Service		Deprecation
		rioject Description	Improve and enhance existing Field Services	Project Scope	Division	Account	Cost	Date	Rate
117 FP3	35900172999	FOP Field Operations Enhancements	applications	Various small improvements in support of company field		0.40	00.040	000004	00.0000/
	35900177079	AquaSpread - Applications	Funding source for Applications-related IT projects	employee technology platforms	Allocate	340	39,240	202201	20.000%
	35900177090	AquaSpread - Infrastructure	Funding source for Infrastructure-related IT projects	Provide funding as needed for Applications projects	Allocate	340	93,010	202201	20.000%
110110			Funding source for Information Security-related IT	Provide funding as needed for Infrastructure projects	Allocate	340	159,090	202201	20.000%
120 FP3	35900177099	AguaSpread - IT Security	projects	Provide funding as needed for Information Security					
	35900177108	AquaSpread - Service Desk	Funding source for Service Desk-related IT projects	projects	Allocate	340	175,828	202201	20.000%
121710	00000177100	Aquaopieau - Dervice Desk	I unding source for service Desk-related in projects	Provide funding as needed for Service Desk projects	Allocate	340	4,900	202201	20.000%
122 ED3	35900177782	FS-GIS Program	Improvo and ophanes evicting CIC applications	Implement enhancements to corporate					
122 11 3	55500177702	13-013 Flogram	Improve and enhance existing GIS applications	Geographical/Spatial data and asset documentation	Allocate	340	342,470	202201	20,000%
103 ED2	35900188148	CORP ACO Enhancements	Improve and antipage substitute ACO substitute	Track costs for Aqua Customer Operations technology					
120110	55500100140	CORF ACO Enhancements	Improve and enhance existing ACO applications	enhancements	Allocate	340	29,400	202201	20,000%
124 ED3	35900188196	INF - IT/OT Execution	Standardize technology, integrate networks, and	Corporate initiative to introduce standards to OT					
124115	55900100190	INF - IT/OT Execution	leverage shared security	technology	Allocate	340	147,000	202201	20.000%
125 EP3	35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Popleon of purchase computer equipment					
	35800065750	NC234 2021 CHVRL 2500 DBLCB UTIL	Replacement of high mileage and damaged vehicles	Replace or purchase computer equipment	Allocate	340	1,042	202201	20.000%
	35800065750	NC170 2021 CHVRLT 3500 DBLCD CHP	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	52,710	202201	7.860%
	35100062827	NC175 2021 CHVRLT 3500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	47,036	202201	7.860%
	35100062827	NC184 2021 CHVRLT 3500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	47,036	202201	7.860%
	35801062828	NC236 2021 CHVRLT 2500DBL UTIL		Replace Vehicle	ANC Water	341	47,036	202201	7.860%
	5801062828	NC235 2021 CHVRL 2500 DBLCB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	54,382	202201	7.860%
	5801062828	NC231 2021 CHVRL 3500 UTIL CUTAWAY	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	52,704	202201	7,860%
	5801062828		Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	49,595	202201	7.860%
	5740066665	NC172 2021 CHVRLT 3500 DBL CAB UTIL NC249 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	45,057	202201	7.860%
			truck at end of life	replace truck	Brookwood	341	31,426	202201	7.860%
	5681654830	NC232 2021 Chev 2500 Dbl Cab	truck at end of life	replace truck	Fairways Water	341	54,075	202201	7.860%
	5800026549 5801025406	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202201	5.000%
	5100025024	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202201	5.000%
		P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202201	5.000%
	5740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202201	5.000%
	5681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202201	5.000%
	5800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202201	5.000%
	5100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202201	5.000%
	5801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202201	5.000%
	5740005193	P5300314 Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202201	5.000%
145 FP3	5681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	87	202201	5.000%
440 500	500000540		Comm Eqp asset has failure that requires						
146 FP38	5800026546	Remote Monitoring Central	repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202201	10.000%
	E400E04704	Deresta Maritaria a Orașt	Comm Eqp asset has failure that requires						
147 FP35	5100524704	Remote Monitoring Coast	repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202201	10,000%
			Comm Eqp asset has failure that requires						
148 FP35	5100359632	Remote Monitoring Fayville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202201	10.000%
			Comm Eqp asset has failure that requires						
149 FP35	5100025023	Remote Monitoring Kville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202201	10.000%
			Comm Eqp asset has failure that requires						
150 FP35	5801025403	Remote Monitoring West	repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202201	10.000%
464 5055			Safety - to monitor caustic feed to protect customers	Install the required telemtry to monitor the caustic feed at			-		
151 FP35	5800024315	Merion Well #2 Install OUT Eqp - STAGNER	from an overfeed	this community well	ANC Water	346	3,194	202201	10.000%
							·		

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			Statewide initiative to obtain production data on wells						
152 FP35	5801078032	Install Level Tran & Pressure Mon	losing production	Instil level transducers and pres monitors	ANC Water	346	3,188	202201	10.000%
			Comm Eqp asset has failure that requires						
	5740024837	P5300314:R/R SCADA/AutoDistCon-NS	repair/replacement	repair or replace failure or broken asset	Brookwood	346	229	202201	10.000%
154 FP35	5740013482	Well Level Transducers	monitor aquifer health	install transducers	Brookwood	346	6,472	202201	10.000%
			Comm Eqp asset has failure that requires						
155 FP35	5681624764	Remote Monitoring FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202201	10.000%
			driveway, grounds, electrical, structural, lift sta requires						
156 FP35	5101025107	P5300221: Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	3,403	202201	2.080%
			driveway, grounds, electrical, structural, lift sta requires						
157 FP35	5101524782	P5300311:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	8,356	202201	2.080%
			driveway, grounds, electrical, structural, lift sta requires						
158 FP35	5880092265	P5300101:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202201	2.080%
			driveway, grounds, electrical, structural, lift sta requires						
159 FP35	5881025434	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	9,639	202201	2.080%
			driveway, grounds, electrical, structural, lift sta requires						
160 FP35	5883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	1,146	202201	2.080%
				Blast and Install new coating on entire inside of manhole					
	5880018741	Chapel Ridge Emergency Wetwell Reno	Sewer Wetwell failure due to excessive corrosion	and reolace any associated piping	ANC WW	354	52,391	202201	2.080%
	5101521111	Sterling Farms Rplc Control Panel	Control panel is dated and problematic	Replace/repair control panel	ANC WW	354	25,000	202201	2.080%
	5881013499	Windemere WWTP Painting/Coating	Deterioration of metal	Paint/coat exterior of tankage	ANC WW	354	33,000	202201	2.080%
	5881013499	Pine Valley WWTP Painting/Coating	Deterioration of metal	Paint/coat exterior of tankage	ANC WW	354	8,800	202201	2.080%
165 FP35	5881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202201	2.080%
400 5005			driveway, grounds, electrical, structural, lift sta requires				5		
166 FP35	640124646	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202201	2.080%
	004000540	On an and a Dama and a Miler (
167 FP35	881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202201	3.050%
	000050040	Organization Departmenting a MANA Organization							
168 FP35	880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,815	202201	3.050%
	404055764	Concentera							
109 6930	101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202201	3.050%
170 5025	101577655	Conservations Conserv							
170 FP35	101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202201	3.050%
171 ED25	883011014	Concretere MM/ Equiville							
1/1 6935	003011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	311	202201	3.050%
170 ED26	640124869	Consister Par/Para							
1/2 6930	040124009	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202201	3.050%
173 ED25	880092257	CW Force Main Bonovation Control	sewer main has failure that requires repair/replacement						
173 6830	000092257	CW Force Main Renovation Central	and restoration	repair or replace failure or broken asset	ANC WW	360	5,547	202201	1.530%
174 ED25	101524783	Force Main Benevation Coast	sewer main has failure that requires repair/replacement						
1/4 6630	101524765	Force Main Renovation Coast	and restoration	repair or replace failure or broken asset	ANC WW	360	552	202201	1.530%
175 50250	001005407	Force Main Bonovision Mast	sewer main has failure that requires repair/replacement						
110 FF300	881025437	Force Main Renovation West	and restoration	repair or replace failure or broken asset	ANC WW	360	2,996	202201	1.530%
176 ED250	883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement						
110 FF300	000011004	TOTOS WAILE LAYVING	and restoration	repair or replace failure or broken asset	ANC WW	360	620	202201	1.530%
177 ED26	101025111	Renovate Force Mains Kville	sewer main has failure that requires repair/replacement and restoration						
1771133	101020111			repair or replace failure or broken asset	ANC WW	360	796	202201	1.530%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

Line#	(a)	(b)	(c)	(d)

12

Lin	e#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
							NARUC	Estimated	Estimated	Primary
						Rate	Asset	In-Service	In-service	Deprecation
Lin	e# Project	tiD	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
		40404007		sewer main has failure that requires repair/replacement						
	178 FP3564	40124607	Renovate Force Main FW WW	and restoration	repair or replace failure or broken asset	Fairways WW	360	540	202201	1.530%
	179 FP3588	20002260	CW Gravity Main Renovation Central	sewer main has failure that requires repair/replacement						
	1791-5566	0092200	CVV Gravity Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	7,738	202201	1.850%
	180 FP3510	1025112	Gravity Main Renovation Kville	and restoration	repair or replace foilure or brakes anot					
·				sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	398	202201	1.850%
1	181 FP3588	31025439	Gravity Main Renovation West	and restoration	repair or replace failure or broken asset	ANC WW	361	832	202204	4.0500/
				sewer main has failure that requires repair/replacement	repair of replace failure of broken asset	ANC WWW	301	032	202201	1.850%
1	82 FP3588	3011005	Gravity Mains Fayville	and restoration	repair or replace failure or broken asset	ANC WW	361	289	202201	1.850%
Sin .				sewer main has failure that requires repair/replacement			001	200	202201	1.00076
1	83 FP3510	1577653	Gravity Mains Coast	and restoration	repair or replace failure or broken asset	ANC WW	361	483	202201	1.850%
				I&I - Reduce the amount of I&I in the system to reduce	Install in all road surface and low lying sewer manhole					
1	84 FP35880	80026219	Neuse Colony Instl Rain Guards	overall treatment	locations	ANC WW	361	10,656	202201	1.850%
		0404057	One in Main Dates CM	sewer main has failure that requires repair/replacement						
I	85 FP35640	0124657	Gravity Main Reno FW	and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202201	1.850%
1	86 FP35101	1016646	Services WW Kville	sewer service has failure that requires						
1	001F3310	1010040		repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,194	202201	2.450%
1	87 FP35101	1516655	GP Service Line Coast	repair/replacement and restoration	rongir or ronloog failure or broken good			4 000		
		1010000		sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,293	202201	2.450%
1	88 FP35880	0092316	CE Services WW Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	44 474	202204	2 4509/
				sewer service has failure that requires			303	11,174	202201	2.450%
1	89 FP35880	0092321	CW GP Service Line Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202201	2.450%
			R	sewer service has failure that requires			000	11,174	202201	2.40070
1	90 FP35881	1016650	Services WW West	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202201	2.450%
				sewer service has failure that requires						
1	91 FP35883	3016651	Services WW Fayville	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202201	2.450%
1	92 FP35640	0116649	Services FW WW	sewer service has failure that requires						
	92 FP35640 93 FP35880		Colepark WWTP Flow Meter	repair/replacement and restoration Emergency Replacement due to failure	repair or replace failure or broken asset	Fairways WW	363	2,838	202201	2.450%
	001100000	0001420		pump equip has failure or reduced function that requires	Replaced current flow meter	ANC WW	364	5,647	202201	1.230%
1	94 FP35880	0092283	CW Pumping Equipment WW Central	repair/replacement	repair or replace failure or broken asset		074	F0 775	000004	7 4400/
				pump equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC WW	371	59,775	202201	7.410%
1	95 FP35101	1524793	Pumping Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202201	7.410%
				pump equip has failure or reduced function that requires		/110 ////	5/1	0,403	202201	7.41076
1	96 FP35883	3011012	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202201	7.410%
				pump equip has failure or reduced function that requires				_,		1211070
1	97 FP35101	1025132	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202201	7.410%
				pump equip has failure or reduced function that requires						
	98 FP35881		Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202201	7.410%
	99 FP35101 00 FP35881		SSIC Replace LS/WWTP Pumps SSIC Windemere WWTP Filter Pmp Rplc	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202201	7.410%
	01 FP35881		SSIC Windemere VVV IP Filter Pmp Rpic	Pump failed Pump failed	Replaced pump	ANC WW	371	9,819	202201	7.410%
	02 FP35881		SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replaced pump	ANC WW	371	14,919	202201	7.410%
- '				pump equip has failure or reduced function that requires	Replace pump/motor	ANC WW	371	10,417	202201	7.410%
20	03 FP35640	0124658	Pumping Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1 000	202204	7 4100/
					topen of topiado fanaro of broken asset	1 all ways VVVV	5/1	1,980	202201	7.410%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

235 FP35881025986

Remote Monitoring WW West

Line# (a	a) (b)	(c)	(b)	(e)
Line# Project ID	Project Description	Project Reason	Project Scope	Rate Divisio
204 NEW FP	Cape mainsail Is diesel bypass pump	emergency by pass pump needed at largest lift station wwtp equip has failure or reduced function that requires	purchase and install pump	Fairways W
205 FP3588009	22300 CW WWTP Equipment Central	repair/replacement wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW
206 FP3510152	24787 WWTP Equipment Coast	repair/replacement wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW

Comm Eqp asset has failure that requires

repair/replacement

207 FP35883011009 WWTP Equipment Fayville repair/replacement repair or replace failure or broken asset wwtp equip has failure or reduced function that requires 208 FP35101025118 WWTP Equipment Kville repair/replacement repair or replace failure or broken asset wwtp equip has failure or reduced function that requires 209 FP35881025972 WWTP Equipment West repair/replacement repair or replace failure or broken asset spray irrigation field requires repair/replacement or 210 FP35880092302 CW Spray Irrigation Improvements restoration repair or replace failure or broken asset spray irrigation field requires repair/replacement or 211 FP35101524789 Renovate Spray Irrigation Coast restoration repair or replace failure or broken asset 212 FP35881025616 WWTP Effluent Renovations West asset has failure that requires repair/replacement repair or replace failure or broken asset 213 FP35101027479 Salem Glen Digester/EQ Wall Repair Wall failed between tankage Replace steel wall Replace blowers/motors due to failure 214 FP35101065052 SSIC Plan Blwr Motor Rolc Marker Replace blower/blower motor 215 FP35881065448 SSIC Planned Blw/Motor Rplc Mark Replace blowers/motors due to failure Replace blower/blower motor wwtp equip has failure or reduced function that requires 216 FP35640124650 WWTP Equipment FW WW repair/replacement repair or replace failure or broken asset 217 FP35640124606 Renovate Outfall Lines FW WW Line has failure or requires timely repair/replacement repair or replace failure or broken asset 218 FP35101524790 P5300311:Working Tools-NS Tools used in the repair of assets Purchase or replace tools 219 FP35883011010 P5300301:Working Tools-NS Tools used in the repair of assets Purchase or replace tools 220 FP35101025127 P5300221:Working Tools-NS Tools used in the repair of assets Purchase or replace tools 221 FP35880026570 P5300101:Working Tools-NS Tools used in the repair of assets Purchase or replace tools 222 FP35881025973 P5300201:Working Tools-NS Tools used in the repair of assets Purchase or replace tools 223 FP35640124655 P5300313:Working Tools-NS Tools used in the repair of assets Purchase or replace tools 224 FP35883011011 P5300313:Lab Equipment-NS Lab equipment need perform testing as required repair or replace failure or broken asset 225 FP35880026571 P5300101:Lab Equipment-NS Lab equipment need perform testing as required repair or replace failure or broken asset 226 FP35101524791 P5300311:Lab Equipment-NS Lab equipment need perform testing as required repair or replace failure or broken asset 227 FP35101025128 P5300221:Lab Equipment-NS Lab equipment need perform testing as required repair or replace failure or broken asset 228 FP35881093754 P5300201:Lab Equipment-NS Lab equipment need perform testing as required repair or replace failure or broken asset Chapel Ridge WWTP - New Sampler 229 FP35880007416 Previous sampler outdated and malfunctioned Replaced with new Isco Sampler Unit 230 FP35640124648 P5300313:Lab Equipment-NS Lab equipment need perform testing as required repair or replace failure or broken asset Comm Eqp asset has failure that requires 231 FP35880027406 Remote Monitoring WW Central repair/replacement repair or replace failure or broken asset Comm Eqp asset has failure that requires 232 FP35101528262 Remote Monitoring WW Coast repair/replacement repair or replace failure or broken asset Comm Eqp asset has failure that requires 233 FP35883011013 Remote Monitoring WW Fayville repair/replacement repair or replace failure or broken asset Comm Eqp asset has failure that requires 234 FP35101025129 Remote Monitoring WW Kville repair/replacement repair or replace failure or broken asset

ANC V ANC V ANC V ANC V ANC V Fairwa Fairwa ANC V ANC V ANC V ANC V ANC V Fairway ANC W ANC W ANC W ANC W ANC W ANC W Fairway ANC W ANC W

repair or replace failure or broken asset

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

(e) Rate Division	(g) NARUC Asset Account	(h) Estimated In-Service Cost	(i) Estimated In-service Date	(j) Primary Deprecation Rate
Fairways WW	371	50,000	202201	7.410%
ANC WW	380	16,265	202201	2.770%
ANC WW	380	7,091	202201	2.770%
ANC WW	380	914	202201	2.770%
ANC WW	380	3,550	202201	2.770%
ANC WW	380	2,480	202201	2.770%
ANC WW	380	10,431	202201	2.770%
ANC WW	380	4,746	202201	2.770%
ANC WW	380	135	202201	2,770%
ANC WW	380	33,532	202201	2.770%
ANC WW	380	2,083	202201	2.770%
ANC WW	380	4,167	202201	2.770%
Fairways WW	380	5,340	202201	2.770%
Fairways WW	382	4	202201	2.460%
ANC WW	393	192	202201	5.000%
ANC WW	393	41	202201	5.000%
ANC WW	393	240	202201	5.000%
ANC WW	393	446	202201	5.000%
ANC WW	393	579	202201	5.000%
Fairways WW	393	92	202201	5.000%
ANC WW	394	275	202201	5.000%
ANC WW	394	1,914	202201	5.000%
ANC WW	394	164	202201	5.000%
ANC WW	394	238	202201	5.000%
ANC WW	394	361	202201	5.000%
ANC WW	394	7,835	202201	5.000%
Fairways WW	394	186	202201	5.000%
ANC WW	396	141	202201	6.670%
ANC WW	396	124	202201	6.670%
ANC WW	396	19	202201	6.670%
ANC WW	396	192	202201	6.670%
ANC WW	396	42	202201	6.670%

Line#	(a)	(b)	(c)	(d)

Line#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
						NARUC	Estimated	Estimated	Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Pro	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			Comm Eqp asset has failure that requires						
236 FP	35640124663	Remote Monitoring FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	396	90	202201	6.670%
227 50	25400024007		driveway, grounds, electrical or wellhouse requires						
237 FP	35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202202	1.570%
229 ED	35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires						
230 FF	35100315419	P5500500.VVA Drive/Grids/Elec/VVelinouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	613	202202	1.570%
230 FP	35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires						
255115	00100024000	1 55005 10. WA DITVE/GITUS/LIEC/WEITIOUSE	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	920	202202	1.570%
240 FP:	35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	repair/replace				10.101		
210111	0000002200		driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	48,194	202202	1.570%
241 FP:	35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset		204	40,400	000000	4 5700/
			A working height platform beside metal scrap dumpster	repair of replace failure of broken asset	ANC Water	304	16,460	202202	1.570%
242 FP3	35800023895	SAFE Rplc Dumpster Platform Cary	to reduce lifting and overhead hazards	Install metal catwalk platform with stairs and handrails	ANC Water	304	22 700	202202	1.570%
		Finite Free States and State	Allow for generator to be hooked up during power outage		ANC Water	304	32,780	202202	1.570%
243 FP3	35100064892	Instl Quick Connct/Trnsfr Switch	w/o straight wiring	Install Hubbel plugs at wells	ANC Water	304	7,500	202202	1.570%
			Allow for generator to be hooked up during power outage		ANO Water	504	7,500	202202	1.57070
244 FP3	35801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing	Install Hubbel plugs at wells	ANC Water	304	3,188	202202	1.570%
			driveway, grounds, electrical or wellhouse requires	F		001	0,100	202202	1.07070
245 FP3	35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace	repair or replace failure or broken asset	Brookwood	304	15,499	202202	1.570%
			driveway, grounds, electrical or wellhouse requires						
	35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,167	202202	1.570%
	35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202202	1.650%
	35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202202	1.310%
	35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202202	1.310%
	35800092247	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	202202	4.560%
	35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202202	4.560%
	35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202202	4.560%
	35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202202	4.560%
254 FP3	35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202202	4.560%
255 ED2	25100004100	Tank My Bank Bana - Specific Sup	Update viv bank with McDonald Miller, site glasses and						
	35100094198 35740024814	Tank/Vlv Bank Reno - Specific Sys Valve Bank Renovation Brookwood	accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202202	4.560%
	35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202202	4.560%
	35800026543	Mobile Gen/Camera Renov Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202202	4.560%
200110	0000020040		Renovate equipment as needed pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	310	432	202202	1.790%
259 FP3	35800092237	CW Pumping Equipment Central		rongia of ronloss follows on bushan assort	4110.144		- /		
200 11 0	50000052207	ovv rumping Equipment Central	pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	51,952	202202	2.800%
260 FP3	35100524692	Pumping Equipment Coast		repair or replace failure or broken asset		014	E 4 7		0.0000/
200 0	00100021002		pump equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC Water	311	517	202202	2.800%
261 FP3	35100324843	Pumping Equipment Fayville		repair or replace failure or broken asset		244	240	000000	0.000%
			pump equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC Water	311	340	202202	2.800%
262 FP3	35100025012	Pumping Equipment Kville		repair or replace failure or broken asset		211	0 4 4 7	202202	2 8000/
	_		pump equip has failure or reduced function that requires	ropan of ropidoo landre of broken asset	ANC Water	311	9,447	202202	2.800%
263 FP3	35801025382	Pumping Equipment West		repair or replace failure or broken asset	ANC Water	311	26,374	202202	2.800%
			pump equip has failure or reduced function that requires			511	20,074	202202	2.000 /d
264 FP3	35740024815	Pumping Equipment Brookwood		repair or replace failure or broken asset	Brookwood	311	11,930	202202	2.800%
			•		2100111000	011	11,000	202202	2.00070

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

water systems to avoid filtration at Branston well #2

Line#	(a)	(b)	(c)	(d)	(e)				(j) Primary
Line# Proj	ect ID	Project Departmention	Project Reason	Deciant Second	Rate	Asset	In-Service	In-service	Deprecation
		Project Description	pump equip has failure or reduced function that requires	Project Scope	Division	Account	Cost	Date	Rate
265 FP3	5681624752	Pumping Equipment FW	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Fairways Water	311	4,135	202202	2,800%
266 FP3	5800092240	CW Treatment Equipment Central	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	37,155	202202	3.860%
267 FP3	5100524694	Treatment Equipment Coast	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	818	202202	3.860%
268 FP3	5100324844	Treatment Equipment Fayville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	689	202202	3.860%
269 FP3	5100025014	Treatment Equipment Kville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	3,761	202202	3.860%
270 FP3	5801025390	Treatment Equipment West	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	5,640	202202	3.860%
271 FP38	5740024816	Treatment Equipment Brookwood	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Brookwood	320	7,515	202202	3.860%
272 FP35	5681624753	Treatment Equipment FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202202	3.860%
273 FP35	5100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202202	2.150%
274 FP35	5800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202202	2.150%
275 FP35	5100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202202	2,150%
276 FP35	5100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202202	2.150%
	5801025393 5800088484	Tank Improvements West Wetherburn Wds Rpic 2nd 10k Tank	tank asset has failure that requires repair/replacement Reached life expectancy and needs replaced	repair or replace failure or broken asset Replace Hydro Tank and associated piping with new	ANC Water ANC Water	330 330	618 41,588	202202 202202	2.150% 2.150%
279 New	FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202202	2.150%
	5681624754 5800092082	Tank Improvements FW CE Main Renovations Central	tank asset has failure that requires repair/replacement water main breaks that require immediate repair	repair or replace failure or broken asset repair or replace failure or broken asset	Fairways Water ANC Water	330 331	33 46,350	202202 202202	2.150% 1.710%
282 FP35	5100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202202	1.710%
	5100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,332	202202	1.710%
	5801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202202	1.710%
	5100025016	Main Renovations Kville	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	10,349	202202	1.710%
286 FP35	5800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,333	202202	1.710%
287 FP35	5100025017	Main Repair/Valve Replace Kville	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	500	202202	1,710%
288 FP35	801025395	Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202202	1.710%
			Fe/Mn concentrations in well water above EPA secondary limits, creating discolored water and potential						
			health effect issues for customers. Interconnect two	Design, permitting, CA/CO, installation of 1900LF of 6IN					
280 ED26	800026035	WSIC Royal Senter Rdg Interconnect	water systems to avoid filtration at Branston well #2	waterline	ANC Mater	224	222 222	202202	4 7400/

waterline

289 FP35800026035 WSIC Royal Senter Rdg Interconnect ANC Water 331 230,000 202202 1.710%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated		(j) Primary
Line# Proj	inet ID	Desired Description	Desired Deserve		Rate	Asset	In-Service		Deprecation
	35801007556	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
		WSIC Cedarwood Acs Rplc Main/Svc	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	215,000	202202	1.710%
291 643	35740024817	Main Renovations Brookwood	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Brookwood	331	53,889	202202	1,710%
	35740024828	Main Repair/Valve Rplc Brookwood	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202202	1.710%
293 FP3	35681624756	Main Renovations FW	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Fairways Water	331	5,984	202202	1.710%
294 FP3	35681624750	Main Repair/Valve Replace FW	repair/replacement and restoration water service has failure that requires repair/replacen	repair or replace failure or broken asset nent	Fairways Water	331	167	202202	1 710%
295 FP3	5100016473	Services - Kville	and restoration	repair or replace failure or broken asset	ANC Water	333	7,367	202202	4.810%
			water service has failure that requires repair/replacen		ANO Water	555	7,507	202202	4.01070
296 FP3	5100316474	Services Fayville	and restoration	repair or replace failure or broken asset	ANC Water	333	3,342	202202	4.810%
		······································	water service has failure that requires repair/replacen		ANC Wale	555	5,542	202202	4010%
297 FP35	5100516475	Services Coast	and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202202	4.810%
			water service has failure that requires repair/replacen		ANC Water	555	1,030	202202	4.010%
298 FP35	5800092249	CE Services Central	and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202202	4.810%
			water service has failure that requires repair/replacem		ANC Water	555	40,304	202202	4.01076
299 FP35	5801016479	Services West	and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202202	4.810%
300 New	/ FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202202	4 810%
301 New	/ FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202202	4.810%
302 New	/ FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202202	4.810%
			water service has failure that requires repair/replacem			000	4,270	202202	4.01070
	5740016477	Services Brookwood	and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202202	4.810%
304 FP35	5740088510	WSIC Middle Creek Serv Rplc	Replace aging failing service lines	replace water services	Brookwood	333	107,167	202202	4.810%
			water service has failure that requires repair/replacem	nent					
305 FP35	5681616476	Services FW	and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202202	4.810%
			water meter/box requires repair/replacement and		-				
306 FP35	5800092105	CW Meter/Meter Box Reno Central	restoration	repair or replace failure or broken asset	ANC Water	334	17,058	202202	3.300%
			water meter/box requires repair/replacement and						
307 FP35	5100324849	Meter/Meter Box Reno Fayville	restoration	repair or replace failure or broken asset	ANC Water	334	1,436	202202	3.300%
			water meter/box requires repair/replacement and						
308 FP35	5100025021	Meter/Meter Box Reno Kville	restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202202	3.300%
			water meter/box requires repair/replacement and						
309 FP35	5801027002	Meter/Meter Box Reno West	restoration	repair or replace failure or broken asset	ANC Water	334	15,298	202202	3.300%
			water meter/box requires repair/replacement and						
	5100524700	Meters/Meter Box Reno Coast	restoration	repair or replace failure or broken asset	ANC Water	334	334	202202	3.300%
311 New		New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202202	3,300%
312 New		New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	166	202202	3.300%
313 New		New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	34	202202	3.300%
314 New		New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202202	3.300%
315 New	/ FP	New Meters West	Install new meters for new customers water meter/box requires repair/replacement and	Install new meter	ANC Water	334	4,217	202202	3.300%
	5740024832	Meter/Meter Box Reno Brookwood	restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202202	3.300%
317 New	FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	666	202202	3.300%
			water meter/box requires repair/replacement and						
	5681624759	Meters/Meter Box Reno FW	restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202202	3.300%
319 New	FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	416	202202	3.300%
					-				

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e)		(h) Estimated		(j) Primary
_					Rate	Asset	In-Service	In-service	Deprecation
Line# Pro	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202202	20.000%
	35800065750	NC228 2021 CHVRLT 2500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	50,848	202202	7.860%
	35800065750	NC245 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	31,426	202202	7.860%
	35800065750	NC250 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	31,426	202202	7.860%
	35800065750	NC239 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	30,183	202202	7.860%
	35800065750	NC240 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	30,183	202202	7.860%
	35100062827	NC243 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	31,426	202202	7.860%
	35100062827	NC251 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	31,426	202202	7.860%
328 FP:	35100062827	NC252 2022 CHVRLT COLORADO 4X4	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	31,426	202202	7.860%
329 FP:	35801062828	NC222 2021 CHVRLT 3500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	53,512	202202	7.860%
330 FP3	35801062828	NC233 2021 CHVRL 2500 DBLCB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	52,704	202202	7.860%
331 FP3	35740066665	NC248 2022 CHVRLT COLORADO 4X4	truck at end of life	replace truck	Brookwood	341	31,426	202202	7.860%
332 FP3	35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202202	5.000%
333 FP3	35100524703	P5300310:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	22	202202	5.000%
334 FP3	35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202202	5.000%
335 FP3	35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202202	5.000%
336 FP3	35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202202	5.000%
337 FP3	35681624765		Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202202	5.000%
338 FP3	35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202202	5.000%
339 FP3	35100553111		Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202202	5.000%
340 FP3	35801093416		Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202202	5.000%
341 FP3	35740005193		Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202202	5.000%
342 FP3	35681691533		Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202202	5.000%
			Comm Eqp asset has failure that requires		T an ways Trater	044	00	LULLUL	0.00070
343 FP3	35800026546		repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,460	202202	10.000%
			Comm Eqp asset has failure that requires			040	0,400	202202	10.00070
344 FP3	35100524704		repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202202	10.000%
		-	Comm Eqp asset has failure that requires		ANO WALCI	040	12	202202	10.00070
345 FP3	35100359632		repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202202	10.000%
			Comm Eqp asset has failure that requires			040	400	202202	10.00070
346 FP3	35100025023		repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202202	10.000%
		-	Comm Eqp asset has failure that requires			040	000	202202	10.00070
347 FP3	35801025403		repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,367	202202	10.000%
348 FP3	35800077566		RTU needed for well control	Install RTU equipment and program	ANC Water	346	1,985	202202	10.000%
			Statewide initiative to obtain production data on wells	notan rero oquipmont and program		540	1,305	202202	10.00070
349 FP3	35801078032		losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202202	10.000%
			Comm Eqp asset has failure that requires	mainever adhaddeera and prea moratora	ANO Waler	540	5,100	202202	10.000 %
350 FP3	35740024837		repair/replacement	repair or replace failure or broken asset	Brookwood	346	229	202202	10.000%
			Comm Eqp asset has failure that requires	repuir of replace failure of broken asset	DIOOKWOOU	540	229	202202	10.000 %
351 FP3	35681624764		repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202202	10.000%
			driveway, grounds, electrical, structural, lift sta requires	repair of replace failure of broken asset	r an ways water	540	214	202202	10.000 %
352 FP3	35101025107		repair/replace	repair or replace failure or broken asset	ANC WW	254	2 402	202202	2 0900/
552 11 0			driveway, grounds, electrical, structural, lift sta requires	ropan or replace tailure or broken asset		354	3,403	202202	2.080%
353 FP3	35101524782		repair/replace	repair or replace failure or broken asset	ANC WW	354	8 256	202202	2 080%
			driveway, grounds, electrical, structural, lift sta requires	repair or replace failure of bloken asset		504	8,356	202202	2.080%
354 FP3	35880092265		repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202202	2.080%
		· · · · · · · · · · · · · · · · · · ·				554	55,655	202202	2.000 /0

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e)		(h) Estimated	(i) Estimated	(j) Primary
Line# Pro	oiect ID	Project Description	Project Reason	Design t Based	Rate	Asset		In-service	Deprecation
		Project Description	driveway, grounds, electrical, structural, lift sta requires	Project Scope	Division	Account	Cost	Date	Rate
	35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	9,639	202202	2.080%
	35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202202	2.080%
	35880007421	Briarwood WWTP Access Drive Rehab	Driveway wash out from storms	Grade Drive and Replace gravel	ANC WW	354	7,490	202202	2.080%
	35880014770	SAFE Carolina Mdws EQ Handrail Rpr	Handrail deteriorated	Replace with new speed rail	ANC WW	354	1,425	202202	2.080%
	35880016788	SAFE Gov Club WWTP Fall Protect	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	1,723	202202	2.080%
	35881016789	SAFE Monterey Lnd InstI LS Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	2,827	202202	2.080%
	35881016789	SAFE Pier 33 LS Instl Safety Gratin	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,381	202202	2.080%
	35881016789	SAFE Bay Point LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,370	202202	2.080%
	35881016789	SAFE Hardees LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,360	202202	2.080%
	35881016789	SAFE Catawba Queen LS Instl Grat	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,354	202202	2.080%
	35881016789	SAFE Pier 16 LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,354	202202	2.080%
368 FP3	35881016789	SAFE River Pk LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,349	202202	2.080%
369 FP3	35881016789	SAFE Burger King LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,264	202202	2.080%
370 FP3	35881016789	SAFE Alexander LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	760	202202	2.080%
371 FP3	35881016789	SAFE Big Daddy LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	760	202202	2.080%
374 FP3	35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202202	2.080%
			driveway, grounds, electrical, structural, lift sta requires			554	4,010	202202	2.000%
375 FP3	35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202202	2.080%
376 FP3	35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202202	3.050%
377 FP3	35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202202	3.050%
378 FP3	35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202202	3.050%
379 FP3	35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202202	3.050%
380 FP3	35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	311	202202	3.050%
381 FP3	35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202202	3.050%
382 FP3	35880092257	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	202202	1.530%
383 FP3	35101524783	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	202202	1.530%
384 FP3	35881025437	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	202202	1.530%
385 FP3	35883011004	Force Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	360	620	202202	1.530%
386 FP3	5101025111	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	202202	1.530%
387 FP3	5640124607	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	202202	1.530%
388 FP3	5880092260	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	202202	1.850%

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset		In-service	Deprecation
Line# Pr	roject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
355 FF	P35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	9,639	202202	2.080%
356 FF	P35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202202	2.080%
357 FF	P35880007421	Briarwood WWTP Access Drive Rehab	Driveway wash out from storms	Grade Drive and Replace gravel	ANC WW	354	7,490	202202	2.080%
358 FP	P35880014770	SAFE Carolina Mdws EQ Handrail Rpr	Handrail deteriorated	Replace with new speed rail	ANC WW	354	1,425	202202	2.080%
	P35880016788	SAFE Gov Club WWTP Fall Protect	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	1,723	202202	2.080%
	P35881016789	SAFE Monterey Lnd InstI LS Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	2,827	202202	2.080%
	235881016789	SAFE Pier 33 LS Instl Safety Gratin	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,381	202202	2.080%
	P35881016789	SAFE Bay Point LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,370	202202	2.080%
	P35881016789	SAFE Hardees LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,360	202202	2.080%
	935881016789	SAFE Catawba Queen LS Instl Grat	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,354	202202	2.080%
	P35881016789	SAFE Pier 16 LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,354	202202	2.080%
	P35881016789	SAFE River Pk LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,349	202202	2.080%
	235881016789	SAFE Burger King LS InstI Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	1,264	202202	2.080%
	P35881016789	SAFE Alexander LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	760	202202	2.080%
	P35881016789	SAFE Big Daddy LS Instl Grating	Prevent emp from falling into L/S	Install grating	ANC WW	354	760	202202	2.080%
	235881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate driveway, grounds, electrical, structural, lift sta requires	Replace rotten steel on WWTPs	ANC WW	354	4,018	202202	2.080%
375 FP	235640124646	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,895	202202	2.080%
376 FP	935881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202202	3.050%
377 FP	35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202202	3.050%
378 FP	235101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202202	3.050%
379 FP	35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202202	3.050%
380 FP:	235883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	311	202202	3.050%
381 FP3	235640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202202	3.050%
382 FP3	35880092257	CW Force Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	5,547	202202	1.530%
383 FP:	35101524783	Force Main Renovation Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	552	202202	1.530%
384 FP:	35881025437	Force Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	2,997	202202	1.530%
385 FP3	35883011004	Force Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	620	202202	1.530%
386 FP3	35101025111	Renovate Force Mains Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	796	202202	1.530%
387 FP3	35640124607	Renovate Force Main FW WW	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	360	540	202202	1.530%
388 FP3	35880092260	CW Gravity Main Renovation Central	and restoration	repair or replace failure or broken asset	ANC WW	361	7,738	202202	1.850%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

.

Line#	(a)	(b)	(C)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service		Deprecation
Line# P	roject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	P35101025112	Gravity Main Renovation Kville	sewer main has failure that requires repair/replacement and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	397	202202	1.850%
390 F	P35881025439	Gravity Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	831	202202	1.850%
391 F	P35883011005	Gravity Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	289	202202	1.850%
392 F	P35101577653	Gravity Mains Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	483	202202	1.850%
393 F	P35640124657	Gravity Main Reno FW	and restoration sewer service has failure that requires	repair or replace failure or broken asset	Fairways WW	361	692	202202	1,850%
394 F	P35101016646	Services WW Kville	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,194	202202	2.450%
395 FI	P35101516655	GP Service Line Coast	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,293	202202	2.450%
	P35880092316	CE Services WW Central	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	11,174	202202	2.450%
	P35880092321	CW GP Service Line Central	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	11,174	202202	2.450%
398 FI	P35881016650	Services WW West	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	2,844	202202	2.450%
	P35883016651	Services WW Fayville	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	577	202202	2.450%
	P35640116648	Services FW WW	repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202202	2.450%
	P35101021081	Spring Creek Rplc Flow Meter	Outdated technology with no availability of parts to repair		ANC WW	364	6,500	202202	1.230%
	P35101021082	Briarwood Rplc Flow Meter	Outdated technology with no availability of parts to repair pump equip has failure or reduced function that requires	Replace flow meter	ANC WW	364	6,500	202202	1.230%
	P35880092283	CW Pumping Equipment WW Central	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	371	59,775	202202	7.410%
	P35101524793	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	371	8,489	202202	7.410%
	P35883011012	Pumping Equipment Fayville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	371	2,461	202202	7.410%
	P35101025132	Pumping Equipment Kville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	371	701	202202	7.410%
	P35881025988	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202202	7.410%
	P35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202202	7.410%
	235881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail pump equip has failure or reduced function that requires	Replace pump/motor	ANC WW	371	10,417	202202	7.410%
	P35640124658	Pumping Equipment FW WW	wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	Fairways WW	371	1,980	202202	7.410%
	P35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	380	16,265	202202	2.770%
412 FF	235101524787	WWTP Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202202	2.770%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

(a)

Line#

(b)

(C)

(d)

				Ra
Line# Project ID	Project Description	Project Reason	Project Scope	Divis
		wwtp equip has failure or reduced function that requires		
413 FP35883011009	WWTP Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WV
		wwtp equip has failure or reduced function that requires		
414 FP35101025118	WWTP Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WV
		wwtp equip has failure or reduced function that requires		
415 FP35881025972	WWTP Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WV
		spray irrigation field requires repair/replacement or		
416 FP35880092302	CW Spray Irrigation Improvements	restoration	repair or replace failure or broken asset	ANC WV
		spray irrigation field requires repair/replacement or		
417 FP35101524789	Renovate Spray Irrigation Coast	restoration	repair or replace failure or broken asset	ANC WV
418 FP35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WV
			Installed new piping, controls and put additional pre	
419 FP35880014318	Westfall Convert to EA Process	Growth/Environment - improved treatment	installed tankage in service	ANC WV
420 FP35880015944	Neuse River WWTP Instl Eyewash	Need eyewashes per OSHA 29 CFR 1910,151(c)	Install eyewashes/showers	ANC WM
421 FP35880016784	SAFE Neuse Rvr WWTP Eyewash/Shwr	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WM
422 FP35880016819	SAFE Instl Shower/Eyewash Carolina	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
423 FP35880088733	Neuse Rvr Vil Instl Chem Containmnt	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
424 FP35880088733	Wildwood Grn Instl Chem Containmnt	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
425 FP35880088733	Neuse Colony Instl Containment Unit	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
426 FP35880088733	WWTP ChemContain Instl Colvard	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
427 FP35880088733	Cole Pk Plza Instl ChemContainment	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
428 FP35880088733	Avocet Instl Chem Containment	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
429 FP35880088733	Briarwood Frm Instl Chem Containmnt	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WV
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
430 FP35880088733	Chapel Rdg Instl Chem Containment	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
431 FP35880088733	Govern Club Instl Chem Containmnt	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
432 FP35880088733	The Legacy Instl Chem Containment	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
433 FP35880088733	Barclay WWTP Instl Containment Unit	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
434 FP35880088733	Crooked Crk Instl Containment Unit	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
		Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
435 FP35880088733	Cross Crk Instl Containment Unit	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
426 ED2E00000700	Lake Ddg Aere last Cartainmat Unit	Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
436 FP35880088733	Lake Rdg Aero Instl Containmnt Unit	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW
437 FP35880088733	Mallard Crx Instl Containment Unit	Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	
437 7733000000733		containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

(e) Rate Division	(g) NARUC Asset Account	(h) Estimated In-Service Cost	(i) Estimated In-service Date	(j) Primary Deprecation Rate
NC WW	380	915	202202	2.770%
NC WW	380	3,550	202202	2.770%
NC WW	380	2,480	202202	2,770%
NC WW	380	10,431	202202	2.770%
	380 380	4,746 135	202202 202202	2.770% 2.770%
NC WW NC WW NC WW	380 380 380 380	251,086 7,411 6,126 22,159	202202 202202 202202 202202 202202	2.770% 2.770% 2.770% 2.770%
NC MM	380	4,741	202202	2.770%
NC MM	380	4,741	202202	2.770%
NC MM	380	4,575	202202	2.770%
IC WW	380	2,872	202202	2.770%
1C MM	380	2,706	202202	2.770%
IC WW	380	2,525	202202	2.770%
IC WW	380	2,453	202202	2.770%
IC WW	380	2,453	202202	2.770%
IC WW	380	2,453	202202	2.770%
IC WW	380	2,453	202202	2.770%
IC WW	380	2,288	202202	2.770%
IC WW	380	2,288	202202	2.770%
IC WW	380	2,288	202202	2,770%
IC WW	380	2,288	202202	2.770%
IC WW	380	2,288	202202	2.770%

.

Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC		(i) Estimated	(j) Primary
Line# Proj	iect ID	Project Description	Project Reason	Project Scope	Rate	Asset	In-Service		Deprecation
	Joot ib	Project Description	Safety and Compliance - Install required chemical	Installation of a new poly containment unit for the waste	Division	Account	Cost	Date	Rate
438 FP3	35880088733	Preserve @JL Instl Containment Unit	containment for chemicals used at Aqua facilities Safety and Compliance - Install required chemical	water plant treatment chemicals Installation of a new poly containment unit for the waste	ANC WW	380	2,288	202202	2.770%
439 FP3	35880088733	Tradewinds Instl Containment Unit	containment for chemicals used at Aqua facilities Safety and Compliance - Install required chemical	water plant treatment chemicals Installation of a new poly containment unit for the waste	ANC WW	380	2,288	202202	2,770%
440 FP3	35880088733	Westfall Instl Containment Unit	containment for chemicals used at Aqua facilities	water plant treatment chemicals	ANC WW	380	2,288	202202	2.770%
	35881088820	Bridgeport Aeration Basin Replacmnt	Need new WWTP to replace dilapidated old plant	Install two new pre-cast concrete treatment plant trains	ANC WW	380	2,630,000	202202	2.770%
442 FP3	35101013450	SSIC Olde Beau Rplc Blowers	Age and performance	Replace blower/blower motor	ANC WW	380	25,000	202202	2.770%
443 FP3	35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202202	2.770%
444 FP3	35881065448	SSIC Planned Blw/Motor Rpic Mark	Replace blowers/motors due to failure wwtp equip has failure or reduced function that requires	Replace blower/blower motor	ANC WW	380	4,167	202202	2.770%
445 FP3	35640124650	WWTP Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,339	202202	2.770%
				Design, Permit, Install (2) 150K gallon treatment trains					
446 FP3	5640116415	The Cape WWTP Expansion	Expand WWTP treatment capacity flows.	including 2 new clarifiers, filtration, and UV disinfection	Fairways WW	380	6,100,000	202202	2.770%
447 FP3	5640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202202	2.460%
448 FP3	5101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202202	5.000%
449 FP35	5883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202202	5.000%
450 FP35	5101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	240	202202	5.000%
451 FP35	5880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	446	202202	5.000%
	5881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202202	5.000%
	5640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	92	202202	5.000%
	5883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	393 394	92 275	202202	5 000%
	5880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW				
	5101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset		394	1,914	202202	5.000%
	5101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required		ANC WW	394	164	202202	5.000%
	5881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202202	5.000%
	5640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202202	5.000%
			Comm Eqp asset has failure that requires	repair or replace failure or broken asset	Fairways WW	394	186	202202	5.000%
	5880027406	Remote Monitoring WW Central	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	141	202202	6.670%
	5101528262	Remote Monitoring WW Coast	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	124	202202	6.670%
462 FP35	5883011013	Remote Monitoring WW Fayville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	19	202202	6.670%
463 FP35	5101025129	Remote Monitoring WW Kville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	192	202202	6.670%
464 FP35	5881025986	Remote Monitoring WW West	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	43	202202	6.670%
465 FP35	5640124663	Remote Monitoring FW WW	repair/replacement driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Fairways WW	396	90	202202	6.670%
466 FP35	5100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	6,150	202203	1.570%
467 FP35	5100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	613	202203	1.570%
468 FP35	5100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202203	1,570%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

14.1

Feb 10 2023

lino#

Lin	e# (a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset		In-service	Deprecation
Line	e# Project ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
4	469 FP35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires repair/replace	repair or replace failure or broken asset	ANC Water				
			driveway, grounds, electrical or wellhouse requires	repair of replace failure of broken asset	ANC Water	304	48,194	202203	1.570%
4	470 FP35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace Fence required around perimeter due to consistant	repair or replace failure or broken asset	ANC Water	304	16,460	202203	1,570%
4	471 FP35800026531	Settlers Creek Install Fence N519	vandalism Allow for generator to be hooked up during power outag	New perimeter fence, gate and access	ANC Water	304	30,742	202203	1.570%
4	172 FP35801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing driveway, grounds, electrical or wellhouse requires	Install Hubbel plugs at wells	ANC Water	304	3,188	202203	1.570%
4	173 FP35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Brookwood	304	15,499	202203	1.570%
4	74 FP35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Egipuque Motor	204	E 467	202202	4 5700/
	75 FP35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	Fairways Water ANC Water	304	5,167 208	202203	1.570%
	76 FP35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	304.56	208 659	202203	1.650%
	77 FP35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307		202203	1.310%
4	78 FP35800092247	CW Valve Bank Renovation Central	valvebank has failure or leak that requires repair	repair or replace failure or broken asset		307	2,760	202203	1.310%
	79 FP35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water ANC Water	309	22,511	202203	4.560%
	80 FP35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset		309	331	202203	4.560%
	81 FP35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202203	4.560%
	82 FP35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair		ANC Water	309	283	202203	4.560%
	83 FP35100094198		Update vlv bank with McDonald Miller, site glasses and	repair or replace failure or broken asset	ANC Water	309	11,212	202203	4.560%
		Tank/VIv Bank Reno - Specific Sys	accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202203	4.560%
	84 FP35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202203	4.560%
	85 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	202203	4.560%
	86 FP35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	310	432	202203	1,790%
4	87 FP35800092237	CW Pumping Equipment Central	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	51,952	202203	2.800%
4	88 FP35100524692	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	517	202203	2.800%
4	89 FP35100324843	Pumping Equipment Fayville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	341	202203	2.800%
49	90 FP35100025012	Pumping Equipment Kville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	9,446	202203	2.800%
49	91 FP35801025382	Pumping Equipment West	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	26,374	202203	2.800%
49	92 FP35740024815	Pumping Equipment Brookwood	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	Brookwood	311	11,930	202203	2.800%
49	93 FP35681624752	Pumping Equipment FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	311	4,136	202203	2.800%
49	94 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	202203	3.860%
49	95 FP35100524694	Treatment Equipment Coast	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	818	202203	3.860%
49	96 FP35100324844	Treatment Equipment Fayville	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC Water	320	690	202203	3.860%
49	97 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	202203	3.860%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
498 FP35	5801025390	Treatment Equipment West	Treatment eqp has failure or requires timely repair/replacement Sourcing filter backwash water from distribution system can clog laterals with legacy Fe/Mn and lower media life	repair or replace failure or broken asset	ANC Water	320	5,640	202203	3.860%
499 FP35	800024699	Greymoss Instl Backwash Tank	due to coating from seaquestrant. Installing closed backwash supply system to extend filter media life and lower opex	Design/build/install backwash system Installation of filtration equipment and building, including but not limited to design, permitting, CA/CO, yard piping, site work, tank pad installation and setting,	ANC Water	320	125,000	202203	3.860%
500 FP35	800015311	WSIC Hasentree #23 Radium Filter	Combined radium concentrations in well water above EPA primary limits	electrical/controls, and minor wellhouse repair and re- piping	ANC Water	320	380,000	202203	3.860%
501 FP358	801016915	WSIC Cedar Grove TCE Filter	VOC levels above EPA primary contaminant MCL	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	180,000	202203	3.860%
502 FP358	801017322	WSIC Fieldstone Radium Filter	Combined radium concentrations in well water above EPA primary limits Treatment eqp has failure or requires timely	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	245,000	202203	3.860%
503 FP35	740024816	Treatment Equipment Brookwood	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Brookwood	320	7,515	202203	3.860%
504 FP356	681624753	Treatment Equipment FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202203	3.860%
505 FP35	100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202203	2.150%
506 FP358	800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202203	2.150%
507 FP351	100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	25	202203	2.150%
508 FP351	100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202203	2.150%
509 FP358	801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202203	2.150%
510 New F	FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202203	2.150%
511 FP356	681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	33	202203	2.150%
512 FP358	800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202203	1.710%
513 FP351	100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,277	202203	1.710%
514 FP351	100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,332	202203	1.710%
515 FP358	801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202203	1.710%
516 FP351	100025016	Main Renovations Kville	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	10,349	202203	1.710%
517 FP358	800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,333	202203	1,710%
518 FP351	100025017	Main Repair/Valve Replace Kville	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	500	202203	1.710%
519 FP358	801025395	Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,166	202203	1.710%
520 FP358	801007557	WSIC Beverly Acs Main/Svc	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	472,000	202203	1.710%
521 FP358	801078071	WSIC Helms Replc mains & services	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	511,000	202203	1.710%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573



Feb 10 2023

Line#	(a)
	(a)

Line#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
							Estimated	.,	Primary
_					Rate	Asset	In-Service	In-service	Deprecation
Line# Pro		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
522 FP3	35740024817	Main Renovations Brookwood	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Brookwood	331	53,889	202203	1.710%
523 FP3	35740024828	Main Repair/Valve Rplc Brookwood	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	224	500	000000	4 7400/
524 FP3	35681624756	Main Renovations FW	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood Fairways Water	331 331	500 5,983	202203	1.710%
			water main/valve has failure that requires	ropan of ropidee failure of proken asset	railways vvaler	331	5,965	202203	1.710%
525 FP3	35681624750	Main Repair/Valve Replace FW	repair/replacement and restoration	repair or replace failure or broken asset	Fairways Water	331	167	202203	1.710%
526 ED3	35100016473	Services - Kville	water service has failure that requires repair/replaceme						
520175	55100010475	Services - Ruile	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset	ANC Water	333	7,367	202203	4.810%
527 FP3	35100316474	Services Fayville	and restoration						
027 110			water service has failure that requires repair/replaceme	repair or replace failure or broken asset	ANC Water	333	3,342	202203	4.810%
528 FP3	35100516475	Services Coast	and restoration	repair or replace failure or broken asset		000	4 000		
			water service has failure that requires repair/replaceme	nt	ANC Water	333	1,038	202203	4.810%
529 FP3	35800092249	CE Services Central	and restoration	repair or replace failure or broken asset	ANC Water	333	46,384	202202	4 94 00/
			water service has failure that requires repair/replacement		ANO WALCH	555	40,304	202203	4.810%
530 FP3	35801016479	Services West	and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202203	4.810%
531 New	vFP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202203	4.810%
532 New		New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202203	4.810%
533 New	v FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202203	4.810%
504 ED0			water service has failure that requires repair/replacement	nt			-,		
534 FP3	5740016477	Services Brookwood	and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202203	4.810%
	6604646476	Services FIM	water service has failure that requires repair/replacement						
535 FP3	5681616476	Services FW	and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202203	4.810%
536 EP3	5800092105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and						
550 11 5	5000092105	GAA Mieren Meren Dox Kenio Gentral	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	17,058	202203	3.300%
537 FP3	5100324849	Meter/Meter Box Reno Fayville	restoration	ropoir or roplage feilure er breken en et					
			water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	1,436	202203	3.300%
538 FP3	5100025021	Meter/Meter Box Reno Kville	restoration	repair or replace failure or broken asset	ANC Water	334	4,423	202202	2 2000/
			water meter/box requires repair/replacement and	repair of replace failure of broken asset	ANG Water	334	4,423	202203	3.300%
539 FP3	5801027002	Meter/Meter Box Reno West	restoration	repair or replace failure or broken asset	ANC Water	334	15,298	202203	3.300%
			water meter/box requires repair/replacement and			004	10,200	202203	5.500 //
	5100524700	Meters/Meter Box Reno Coast	restoration	repair or replace failure or broken asset	ANC Water	334	334	202203	3.300%
541 New		New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202203	3.300%
542 New		New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	166	202203	3.300%
543 New		New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	34	202203	3.300%
544 New		New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202203	3.300%
545 New	/FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,217	202203	3.300%
546 ED24	5740024832	Meter/Meter Box Reno Brookwood	water meter/box requires repair/replacement and						
547 New		New Meters BWC	restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202203	3.300%
UH/ NOW			Install new meters for new customers water meter/box requires repair/replacement and	Install new meter	Brookwood	334	666	202203	3.300%
548 FP35	5681624759	Meters/Meter Box Reno FW	restoration	ronair ar ronloga failura ar brakan anast	— · · · · · · · · · · · · · · · · · · ·				
549 New		New Meters Fairways	Install new meters for new customers	repair or replace failure or broken asset Install new meter	Fairways Water	334	3,930	202203 -	3.300%
	5900152136	Rplc Field Tablets	Replace field employee tablet	Replace tablet due to malfunction or damage	Fairways Water	334	416	202203	3.300%
				Replace tablet due to manufation of damage	Allocate	340	2,500	202203	20.000%
551 FP35	5900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202203	20.000%
				· · · · · · · · · · · · · · · · · · ·	1.00010	0-0	1,072	202200	20.00070

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

Line#	(a)	(b)	(C)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proj		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	5800065750	NC230 2021 CHVRLT 2500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	49,172	202203	7.860%
	5100062827	NC182 2021 CHVRLT 3500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	47,036	202203	7.860%
	5100062827	NC190 2021 CHVRLT 3500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	47,036	202203	7.860%
	5801062828	NC181 2021 CHVRLT 3500 DBL CAB UTIL	Replacement of high mileage and damaged vehicles	Replace Vehicle	ANC Water	341	47,036	202203	7,860%
	5800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202203	5.000%
	5801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202203	5.000%
	5100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202203	5.000%
	5740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202203	5.000%
	5681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	393	202203	5.000%
	5800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202203	5.000%
	5100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202203	5.000%
	5801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202203	5.000%
	5740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202203	5.000%
565 FP35	5681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202203	5.000%
566 FP35	5800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	3,460	202203	10.000%
567 FP35	5100524704	Remote Monitoring Coast	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	12	202203	10.000%
568 FP35	5100359632	Remote Monitoring Fayville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	488	202203	10.000%
	5100025023	Remote Monitoring Kville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	559	202203	10.000%
	5801025403	Remote Monitoring West	repair/replacement Statewide initiative to obtain production data on wells	repair or replace failure or broken asset	ANC Water	346	2,368	202203	10.000%
	5801078032	Install Level Tran & Pressure Mon	losing production Comm Eqp asset has failure that requires	Instil level transducers and pres monitors	ANC Water	346	3,188	202203	10,000%
	5740024837	P5300314:R/R SCADA/AutoDistCon-NS	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	Brookwood	346	230	202203	10.000%
	5681624764	Remote Monitoring FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	346	214	202203	10.000%
	5900151739	Upgrd/Extend/Move SCADA Eq/Software	Servers at EOL, increase capacity driveway, grounds, electrical, structural, lift sta requires	Upgrade HMI servers and software	Allocate	346	900,903	202203	10,000%
	5101025107	P5300221: Drive, Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	3,403	202203	2.080%
	5101524782	P5300311:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	8,356	202203	2.080%
	5880092265	P5300101:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	33,893	202203	2.080%
	5881025434	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	9,639	202203	2.080%
	5883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202203	2.080%
	5880021655	Avocet Replace Pydradeck Filter	Current filter is deteriorating	Replace with new Pydradeck filters	ANC WW	354	20,000	202203	2.080%
	5101521111	Sterling Farms Rplc Control Panel	Control panel is dated and problematic	Replace/repair control panel	ANC WW	354	25,000	202203	2.080%
	5101578333	Castle Bay WWTP Paint Interior	Interior of tank is deteriorating	Paint/coat exterior of tankage	ANC WW	354	220,000	202203	2.080%
	5101588429	Emerald Plntatn rpl control panels	replace problematic panel	replace panel	ANC WW	354	55,000	202203	2.080%
584 FP35	881013461	Oak Harbor Reline L/S	Extend life of wet well and seals existing cracks/leaks	Line L/S	ANC WW	354	7,000	202203	2.080%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Feb 10 2023

.

Line#	(a)	(b)	(c)	(d)

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Pro	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
585 FP3	35881013462	Castaways Reline L/S	Extend life of wet well and seals existing cracks/leaks	Line L/S	ANC WW	354	7,000	202203	2.080%
586 FP3	35881013463	Garfield's Hwy 16 restaurant(Killians) Reline L/S	Extend life of wet well and seals existing cracks/leaks	Line L/S	ANC WW	354	5,000	202203	2.080%
	35881013464 35881051827	Laundromat (Killians) Reline L/S WWTP Steel Tank Renovations	Extend life of wet well and seals existing cracks/leaks Preparedness for when walls deteriorate driveway, grounds, electrical, structural, lift sta requires	Line L/S Replace rotten steel on WWTPs	ANC WW ANC WW	354 354	7,000 4,018	202203 202203	2.080% 2.080%
	35640124646 35640127276	P5300201:Drive,Grnds, Elec, Structure/LS Dolphin Bay Rebuild LS	repair/replace replace DB pumps and pipes	repair or replace failure or broken asset replace pump and pipe	Fairways WW Fairways WW	354 354	10,895 61,175	202203 202203	2.080% 2.080%
591 FP3	35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	873	202203	3.050%
592 FP3	35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202203	3.050%
593 FP3	35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202203	3.050%
594 FP3	35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	241	202203	3.050%
595 FP3	35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	311	202203	3.050%
596 FP3	35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	355	514	202203	3.050%
597 FP3	35880092257	CW Force Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	5,547	202203	1.530%
598 FP3	35101524783	Force Main Renovation Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	552	202203	1.530%
599 FP3	35881025437	Force Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	2,997	202203	1.530%
600 FP3	35883011004	Force Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	620	202203	1.530%
601 FP3	35101025111	Renovate Force Mains Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	795	202203	1.530%
602 FP3	35640124607	Renovate Force Main FW WW	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	360	540	202203	1.530%
603 FP3	5880092260	CW Gravity Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	7,738	202203	1.850%
604 FP3	5101025112	Gravity Main Renovation Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	398	202203	1.850%
605 FP3	5881025439	Gravity Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	831	202203	1.850%
606 FP3	5883011005	Gravity Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	288	202203	1.850%
607 FP3	5101577653	Gravity Mains Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	483	202203	1.850%
608 FP3	5640124657	Gravity Main Reno FW	and restoration	repair or replace failure or broken asset	Fairways WW	361	692	202203	1.850%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

35

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Brimena
					Rate				Primary
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Asset Account	In-Service Cost	In-service Date	Deprecation Rate
			sewer service has failure that requires	A CONTRACT OF A	Bitioion	Account	0031	Date	Nate
609 FP35	5101016646	Services WW Kville	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202203	2.450%
			sewer service has failure that requires	• •		000	1,104	202200	2.40070
610 FP35	5101516655	GP Service Line Coast	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202203	2.450%
			sewer service has failure that requires				. ===		2.10070
611 FP35	5880092316	CE Services WW Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202203	2.450%
			sewer service has failure that requires						
612 FP35	5880092321	CW GP Service Line Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202203	2.450%
			sewer service has failure that requires						
013 FP30	5881016650	Services WW West	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202203	2.450%
614 ED35	5883016651	Services WW Fayville	sewer service has failure that requires						
0141755	000010001	Services www r ayville	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	577	202203	2,450%
615 FP35	5640116648	Services FW WW	repair/replacement and restoration	reneir er renlese feilure er herten er et					
0101100	0+01100+0		pump equip has failure or reduced function that requires	repair or replace failure or broken asset	Fairways WW	363	2,838	202203	2.450%
616 FP35	5880092283	CW Pumping Equipment WW Central	repair/replacement	repair or replace failure or broken asset		074	50 775		
			pump equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC WW	371	59,775	202203	7_410%
617 FP35	5101524793	Pumping Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	271	9 490	000000	7 4400/
			pump equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC WWW	371	8,489	202203	7.410%
618 FP35	5883011012	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202203	7.410%
			pump equip has failure or reduced function that requires			571	2,401	202203	7.41070
619 FP35	5101025132	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202203	7.410%
			pump equip has failure or reduced function that requires			011	701	202200	7.41070
	881025988	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202203	7.410%
	5101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202203	7.410%
622 FP35	881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202203	7.410%
			pump equip has failure or reduced function that requires						
623 FP35	640124658	Pumping Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,980	202203	7.410%
			wwtp equip has failure or reduced function that requires						
024 5935	880092300	CW WWTP Equipment Central	repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202203	2.770%
625 ED35	101524787	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires						
025 FF55	101524767	wwwire Equipment Coast	repair/replacement wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	380	7,091	202203	2,770%
626 EP35	883011009	WWTP Equipment Fayville	repair/replacement	e rongin en rente en faiture, en tracture anna t					
0201100	000011000		wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	380	914	202203	2.770%
627 FP35	101025118	WWTP Equipment Kville	repair/replacement	repair or replace failure or broken asset		200	0.550		0.7700/
		·····	wwtp equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC WW	380	3,550	202203	2.770%
628 FP358	881025972	WWTP Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	200	2 490	202202	0 7700/
			spray irrigation field requires repair/replacement or	repair of replace landle of bloken asset		380	2,480	202203	2.770%
629 FP358	880092302	CW Spray Irrigation Improvements	restoration	repair or replace failure or broken asset	ANC WW	380	10,432	202203	2.770%
			spray irrigation field requires repair/replacement or			500	10,452	202203	2.77070
630 FP35	101524789	Renovate Spray Irrigation Coast	restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202203	2.770%
	881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	136	202203	2.770%
	880016819	SAFE Instl Shower/Eyewash TheLegacy	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	10,571	202203	2.770%
	880016819	SAFE Instl Shower/Eyewash Hawthorne	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	10,398	202203	2.770%
	880016819	SAFE Instl Shower/Eyewsh Chapel Rdg	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	9,723	202203	2.770%
635 FP358	880016819	SAFE Instl Shower/Eyewash Hasentree	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	9,316	202203	2.770%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)
					Rate
Line# Project	ID	Project Description	Project Reason	Project Scope	Divisio
636 FP3588	80016819	SAFE Instl Shower/Eyewash Preserve	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW

Line#	(a)	(b)	(C)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proj		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	5880016819	SAFE Instl Shower/Eyewash Preserve	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	8,781	202203	2.770%
	5880016819	SAFE Instl Shower/Eyewash Colvard	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	7,111	202203	2.770%
	5880016819	SAFE Insti Shower/Eyewash Gov Club	Need eyewashes per OSHA 29 CFR 1910 151(c)	Install eyewashes/showers	ANC WW	380	5,943	202203	2.770%
639 FP3	5880021661	Hawthorne Install Airlift Boxes	Reduce the need for a costly tanker truck	Install lifts to facilite proper maintenance	ANC WW	380	17,000	202203	2.770%
				Added additional blower to improve plant performance in	l				
640 FP3	5880024534	Briarwood Farms Add 3rd Blower	Compliance - improve and maintain state compliance	order to stay compliant	ANC WW	380	27,866	202203	2,770%
				Current staff guages were inadequate and not up to					
				code. Replaced with new staff guages at all irrigation and	b				
641 FP3	5880025665	WWTP Irrigation Staff Gauge Project	Compliance - improve and maintain state compliance	upset ponds	ANC WW	380	30,940	202203	2,770%
				Full metal train rehab and coating with electrical and					
			Compliance/Environment - Complete metal and chamber	r equipment upgrades as well to increase safety and					
642 FP38	5880088721	Beachwood WWTP/LS Upgrades/Nit	degregation on entire plant	reliability	ANC WW	380	658,964	202203	2.770%
				Install new 0,190 MGD Treatment Train including new					
	5881078177	Country Woods East Expansion	Replace former lower 0.190 MGD WWTF	disc filter and back up Chlorine Contact chamber	ANC WW	380	4,500,000	202203	2,770%
644 FP35	5101016821	SAFE Instl Shwr/Eyewsh Bulk Storage	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	10,669	202203	2.770%
645 FP35	5101016821	SAFE Instl Shwr/Eyewsh Salem Qtrs	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	9,596	202203	2.770%
646 FP35	5101016821	SAFE Instl Shwr/Eyewsh Spring Crk	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	9,939	202203	2.770%
647 FP35	5101016821	SAFE Insti Shwr/Eyewsh Wellesley PI	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	10,175	202203	2.770%
648 FP35	5101016821	SAFE Instl Shwr/Eyewsh Willow Crk	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	9,696	202203	2.770%
649 FP35	5101016821	SAFE Instl Shwr/Eyewsh Graystone	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	9,609	202203	2.770%
650 FP35	5101016821	SAFE Instl Shwr/Eyewsh Salem Glen	Add eyewash where caustic is used	Install tepid water eyewash/shower	ANC WW	380	9,464	202203	2.770%
651 FP35	5101065052	SSIC Plan Blwr Motor Rpic Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202203	2.770%
652 FP35	5881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202203	2.770%
		·	wwtp equip has failure or reduced function that requires				,,,		
653 FP35	5640124650	WWTP Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,339	202203	2.770%
654 FP35	5640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202203	2.460%
	5101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	193	202203	5.000%
	5883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	42	202203	5.000%
	5101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202203	5.000%
	5880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	446	202203	5.000%
	5881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202203	5.000%
	5640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	92	202203	5.000%
	5883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202203	5.000%
	5880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394 394	1,914	202203	5.000%
	5101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	164	202203	5.000%
	5101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202203	5.000%
	5881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394 394	362	202203	5.000%
	5640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394 394	186	202203	5.000%
000 11 00	0-012-0-0		Comm Eqp asset has failure that requires	repair of replace failure of broken asset	Fairways VVV	594	100	202203	5.000 /0
667 FP35	5880027406	Remote Monitoring WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	396	140	202203	6.670%
00, 1100	000021400	Remote Monitoring VVV Central	Comm Eqp asset has failure that requires	repair of replace failure of broken asset	ANC WWW	390	140	202203	0.07070
668 FP35	5101528262	Remote Monitoring WW Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	396	124	202203	6.670%
			Comm Eqp asset has failure that requires	Topan of replace failure of DIOKEII asset		290	124	202203	0.07070
669 FP35	5883011013	Remote Monitoring WW Fayville	repair/replacement	renair or replace failure or broken asset		206	10	202202	6 670%
0001100		terrete monitoring www.r.dyvine	Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	18	202203	6.670%
670 FP35	5101025129	Remote Monitoring WW Kville	repair/replacement	repair or replace failure or broken asset		206	101	202202	6.670%
0701100	101020120	Nonoto Monitoring 4444 Nalio	repainteplacement	repair of replace failure of DIOKell asset	ANC WW	396	191	202203	0.070%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Feb 10 2023

Line#	(a)

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Pro	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
671 FP3	35881025986	Remote Monitoring WW West	Comm Eqp asset has failure that requires repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	43	202203	6.670%
672 FP3	35640124663	Remote Monitoring FW WW	repair/replacement driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Fairways WW	396	90	202203	6.670%
673 FP3	35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	6,150	202204	1.570%
674 FP3	35100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	613	202204	1.570%
675 FP3	35100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	920	202204	1.570%
676 FP3	35800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	ANC Water	304	48,195	202204	1.570%
677 FP3	35801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202204	1.570%
678 FP3	35100521105	Castle Bay Well Drive Improvements	driveway in need of repari	top dress and restore stone access	ANC Water	304	25,000	202204	1.570%
679 FP3	35801013396	Yorkwood Park #2 Reno house & roof	DEQ Inspection recommendation Allow for generator to be hooked up during power outage	Replace roof and reno bldg	ANC Water	304	10,000	202204	1.570%
680 FP3	35801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing driveway, grounds, electrical or wellhouse requires	Install Hubbel plugs at wells	ANC Water	304	3,188	202204	1.570%
681 FP3	35740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Brookwood	304	15,499	202204	1.570%
682 FP3	35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,168	202204	1.570%
683 FP3	35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202204	1.650%
684 FP3	35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	659	202204	1.310%
685 FP3	35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,759	202204	1.310%
686 FP3	35800092247	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	202204	4.560%
687 FP3	35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202204	4.560%
688 FP3	35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202204	4.560%
689 FP3	35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202204	4.560%
690 FP3	35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair Update vlv bank with McDonald Miller, site glasses and	repair or replace failure or broken asset	ANC Water	309	11,212	202204	4.560%
691 FP3	35100094198	Tank/Vlv Bank Reno - Specific Sys	accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202204	4.560%
692 FP3	35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202204	4.560%
693 FP3	35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202204	4.560%
694 FP3	35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	310	432	202204	1.790%
695 FP3	35800092237	CW Pumping Equipment Central	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	51,952	202204	2.800%
696 FP3	35100524692	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	516	202204	2.800%
697 FP3	35100324843	Pumping Equipment Fayville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	341	202204	2.800%
698 FP3	35100025012	Pumping Equipment Kville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	9,447	202204	2.800%
699 FP3	35801025382	Pumping Equipment West	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	26,374	202204	2.800%
700 FP3	35740024815	Pumping Equipment Brookwood	repair/replacement	repair or replace failure or broken asset	Brookwood	311	11,930	202204	2.800%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
Deel	in at ID				Rate	Asset	In-Service	In-service	Deprecation
Line# Proj	ject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
701 FP3	35681624752	Pumping Equipment FW	pump equip has failure or reduced function that requires repair/replacement Treatment eqp has failure or requires timely	s repair or replace failure or broken asset	Fairways Water	311	4,136	202204	2.800%
702 FP3	35800092240	CW Treatment Equipment Central	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	37,154	202204	3.860%
703 FP3	35100524694	Treatment Equipment Coast	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	818	202204	3,860%
704 FP3	35100324844	Treatment Equipment Fayville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	690	202204	3,860%
705 FP3	35100025014	Treatment Equipment Kville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	3,761	202204	3.860%
706 FP3	35801025390	Treatment Equipment West	repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202204	3.860%
707 FP3	35800021282	Moorefld Well 1 Rplc Filter Piping	Deteriorated piping excessive leakage The uranium filters at Moorefield are plugged an no longer effective. There are constant repairs due to pressure issues. This system needs 2 wells and with	Replace with all new piping	ANC Water	320	100,000	202204	3.860%
708 FP3	5800025819	Moorefield Filter Replace	these issues, we are frequently shutting this one well down Treatment eqp has failure or requires timely	Removing old canisters and replacing with new and renovating valve bank.Â	ANC Water	320	60,920	202204	3.860%
709 FP3	5740024816	Treatment Equipment Brookwood	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Brookwood	320	7,515	202204	3.860%
710 FP38	5681624753	Treatment Equipment FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	320	757	202204	3.860%
711 FP35	5100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202204	2.150%
712 FP35	5800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202204	2.150%
713 FP35	5100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202204	2.150%
714 FP35	5100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202204	2.150%
715 FP35	5801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202204	2.150%
716 New	FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202204	2.150%
	5681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	33	202204	2.150%
	5800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202204	1.710%
	5100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,277	202204	1,710%
	5100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,332	202204	1.710%
	5801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,744	202204	1.710%
	5100025016	Main Renovations Kville	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	10,349	202204	1.710%
	5800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,334	202204	1.710%
	5100025017	Main Repair/Valve Replace Kville	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	500	202204	1.710%
725 FP35	5801025395	Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,166	202204	1.710%

14

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

(a)	(b)	(c) (

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
	4.9 m				Rate	Asset	In-Service	In-service	Deprecation
Line# Proje		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	5740024817	Main Renovations Brookwood	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Brookwood	331	53,889	202204	1.710%
	5740024828	Main Repair/Valve Rplc Brookwood	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202204	1.710%
728 FP35	5681624756	Main Renovations FW	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Fairways Water	331	5,983	202204	1.710%
729 FP35	5681624750	Main Repair/Valve Replace FW	repair/replacement and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset nt	Fairways Water	331	166	202204	1.710%
730 FP35	5100016473	Services - Kville	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset	ANC Water	333	7,367	202204	4.810%
731 FP35	5100316474	Services Fayville	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset	ANC Water	333	3,342	202204	4.810%
732 FP35	5100516475	Services Coast	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	1,038	202204	4.810%
733 FP35	800092249	CE Services Central	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	46,384	202204	4.810%
734 FP35	801016479	Services West	and restoration	repair or replace failure or broken asset		000	05 005	000004	4.04004
735 New I		New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	35,635	202204	4.810%
736 New I		New services Cary	Install new service for new customer	Install new service line	ANC Water	333	1,105	202204	4.810%
737 New I	FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	5,622	202204	4.810%
			water service has failure that requires repair/replacement		ANC Water	333	4,276	202204	4.810%
738 FP35	740016477	Services Brookwood	and restoration water service has failure that requires repair/replacemer	repair or replace failure or broken asset	Brookwood	333	54,763	202204	4.810%
739 FP350	681616476	Services FW	and restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	Fairways Water	333	1,686	202204	4.810%
740 FP358	800092105	CW Meter/Meter Box Reno Central	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	17,058	202204	3,300%
741 FP35	100324849	Meter/Meter Box Reno Fayville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	1,436	202204	3.300%
742 FP35	100025021	Meter/Meter Box Reno Kville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	4,423	202204	3.300%
743 FP358	801027002	Meter/Meter Box Reno West	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	15,298	202204	3.300%
744 FP35 ²	100524700	Meters/Meter Box Reno Coast	restoration	ronais as conloca failura as broken acast		004			
745 New F		New Meters Kville	Install new meters for new customers	repair or replace failure or broken asset Install new meter	ANC Water	334	334	202204	3.300%
746 New F		New Meters Fayville	Install new meters for new customers		ANC Water	334	1,250	202204	3.300%
747 New F		New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	166	202204	3.300%
748 New F		New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	34	202204	3.300%
749 New F		New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202204	3.300%
750 FP357			water meter/box requires repair/replacement and	Install new meter	ANC Water	334	4,217	202204	3,300%
		Meter/Meter Box Reno Brookwood	restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202204	3.300%
751 New F		New Meters BWC	Install new meters for new customers water meter/box requires repair/replacement and	Install new meter	Brookwood	334	666	202204	3.300%
752 FP356		Meters/Meter Box Reno FW	restoration	repair or replace failure or broken asset	Fairways Water	334	3,930	202204	3.300%
753 New F		New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	416	202204	3.300%
754 FP357		HP Duplex/Scanner Printer	printer needed for office	purchase IT supported printer	Brookwood	340	5,000	202204	20.000%
755 FP356	581621154	HP Duplex/Scanner Printer	printer needed for office	purchase IT supported printer	Fairways Water	340	5,000	202204	20.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Li	ine#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
						Rate	Asset	In-Service	In-service	Deprecation
Li	ne# Projec	ct ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
					2 · · · · · · · ·		710004110		2410	
	756 FP359		NC State Computer Equipment	Replace PC's, laptops due to failure or new employee Replace or purchase printers or furniture due to failure o	Replace or purchase computer equipment	Allocate	340	1,042	202204	20.000%
	757 FP359		NC Office Equipment/Furniture	new employee as needed	Replace/purchase printers or furniture	Allocate	340	3,175	202204	5.000%
	758 FP358		Replace NC700 Hudson Trailer	Age and cost of repairs	Buy new trailer	ANC Water	341	9,000	202204	7.860%
	759 FP358		P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202204	5.000%
	760 FP358		P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	818	202204	5.000%
	761 FP351	100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202204	5.000%
	762 FP357	740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202204	5.000%
	763 FP356	681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	393	202204	5.000%
	764 FP358	300026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202204	5.000%
	765 FP351	100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202204	5.000%
	766 FP358	301093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202204	5.000%
	767 FP357	40005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202204	5.000%
	768 FP356		P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202204	5.000%
	769 FP358			Comm Eqp asset has failure that requires						
			Remote Monitoring Central	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	3,461	202204	10.000%
	770 FP351	00524704	Remote Monitoring Coast	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	12	202204	10.000%
	771 FP3510	00359632	Remote Monitoring Fayville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	488	202204	10.000%
	772 FP3510	00025023	Remote Monitoring Kville	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202204	10.000%
				Comm Eqp asset has failure that requires	repair of replace failure of broken asset	ANC Water	340	559	202204	10.000%
	773 FP3580	01025403	Remote Monitoring West	repair/replacement Statewide initiative to obtain production data on wells	repair or replace failure or broken asset	ANC Water	346	2,368	202204	10.000%
	774 FP3580	01078032	Install Level Tran & Pressure Mon	losing production	Instil level transducers and pres monitors	ANC Water	346	3,188	202204	10.000%
·	775 FP3574	40024837	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	202204	10.000%
				Comm Eqp asset has failure that requires						
	776 FP3568	81624764	Remote Monitoring FW	repair/replacement driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	Fairways Water	346	214	202204	10.000%
	777 FP3510	01025107	P5300221: Drive, Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	3,403	202204	2.080%
				driveway, grounds, electrical, structural, lift sta requires						
22	778 FP3510		P5300311:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	8,356	202204	2.080%
	779 FP3588	80092265	P5300101:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	33,893	202204	2.080%
-	780 FP3588	91025424	DE200201: Drive Orada, Elea, Structure/LC	driveway, grounds, electrical, structural, lift sta requires						
			P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	9,639	202204	2.080%
	781 FP3588		P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	1,147	202204	2.080%
	782 FP3510		Castle Bay WWTP Drive Improvements	driveway in need of repari	top dress and restore stone access	ANC WW	354	25,000	202204	2.080%
	783 FP3510		SAFE Willow Crk LS Fall Protection	Prevent emp from falling into L/S	Install grating	ANC WW	354	7,000	202204	2.080%
7	784 FP3588	81051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate driveway, grounds, electrical, structural, lift sta requires	Replace rotten steel on WWTPs	ANC WW	354	4,018	202204	2.080%
7	785 FP3564	40124646	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,894	202204	2.080%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

OFFICIAL COPY

Line#	(a)	(b)	(c)	(d)

Line#	(a)	(b)	(C)	(d)	(e)	(g)	(h)	(i)	(j)
					Bata		Estimated		Primary
Line# Pr	oject ID	Project Description	Project Reason	Project Scope	Rate Division	Asset Account	In-Service Cost	Date	Deprecation Rate
786 FP	235881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	872	202204	3.050%
787 FP	35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202204	3.050%
788 FP	35101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202204	3.050%
789 FP	35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	241	202204	3,050%
	235883011014 235101588430	Generators WW Fayville Emerald Plantation Rplc Generator	asset has failure or requires timely repair/replacement replace old military generator	repair or replace failure or broken asset install new genset	ANC WW ANC WW	355 355	312 45,000	202204 202204	3.050% 3.050%
792 FP	35640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	355	513	202204	3.050%
793 FP	35880092257	CW Force Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	5,547	202204	1.530%
794 FP	35101524783	Force Main Renovation Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	552	202204	1.530%
795 FP	35881025437	Force Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	2,996	202204	1.530%
796 FP:	35883011004	Force Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	620	202204	1.530%
797 FP:	35101025111	Renovate Force Mains Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	795	202204	1.530%
798 FP:	35640124607	Renovate Force Main FW WW	and restoration	repair or replace failure or broken asset Design, Permit, and install new forcemain across	Fairways WW	360	540	202204	1.530%
799 FP:	35640107577	SSIC Dolphin Bay Rplc FM/Cape WWTP	Reroute collection system to bypass undersized force main sewer main has failure that requires repair/replacement	Carolina Beach Road and tie into manhole on Valleybrook Drive	Fairways WW	360	125,000	202204	1.530%
800 FP:	35880092260	CW Gravity Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	7,738	202204	1.850%
801 FP3	35101025112	Gravity Main Renovation Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	398	202204	1.850%
802 FP3	35881025439	Gravity Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	831	202204	1.850%
	35883011005	Gravity Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	288	202204	1.850%
804 FP3	35101577653	Gravity Mains Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	483	202204	1.850%
805 FP3	35640124657	Gravity Main Reno FW	and restoration sewer service has failure that requires	repair or replace failure or broken asset	Fairways WW	361	692	202204	1.850%
	35101016646	Services WW Kville	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,194	202204	2.450%
	35101516655	GP Service Line Coast	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,293	202204	2.450%
808 FP3	35880092316	CE Services WW Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202204	2.450%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
					- /	NARUC			Primary
Line# Pro		Project Description	Brainet Bassar		Rate	Asset	In-Service		Deprecation
Line# Fro		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
809 FP3	35880092321	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	202204	2.450%
			sewer service has failure that requires						
810 FP3	35881016650	Services WW West	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	2,844	202204	2.450%
811 FP3	35883016651	Services WW Fayville	repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	577	202204	2.450%
812 FP3	35640116648	Services FW WW	repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202204	2.450%
			pump equip has failure or reduced function that requires		-				
813 FP3	35880092283	CW Pumping Equipment WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202204	7.410%
	05404504700	Duranian Environment Operat	pump equip has failure or reduced function that requires						
814 FP3	35101524793	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	371	8,489	202204	7.410%
815 FP3	35883011012	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202204	7.410%
			pump equip has failure or reduced function that requires			0.11	2,101	202204	7.41070
816 FP3	35101025132	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202204	7.410%
			pump equip has failure or reduced function that requires						
	35881025988	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202204	7.410%
	35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202204	7.410%
819 FP3	35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202204	7.410%
			pump equip has failure or reduced function that requires						
820 FP3	35640124658	Pumping Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,980	202204	7.410%
			wwtp equip has failure or reduced function that requires						
821 FP3	35880092300	CW WWTP Equipment Central	repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202204	2,770%
000 500			wwtp equip has failure or reduced function that requires						
822 FP3	35101524787	WWTP Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202204	2.770%
000 500	5992011000	MMM/TR Equipment Founille	wwtp equip has failure or reduced function that requires						
023 773	35883011009	WWTP Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202204	2.770%
824 ED3	35101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires						
024173	55101025110		repair/replacement wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	380	3,550	202204	2.770%
825 ED3	35881025972	WWTP Equipment West	repair/replacement						
020110	55661625372		spray irrigation field requires repair/replacement or	repair or replace failure or broken asset	ANC WW	380	2,480	202204	2.770%
826 FP3	35880092302	CW Spray Irrigation Improvements	restoration	repair or replace failure or broken asset		000	40,400	000004	0 7700/
020110		off opicy migation improvemente	spray irrigation field requires repair/replacement or	repair of replace failure of broken asset	ANC WW	380	10,432	202204	2.770%
827 FP3	35101524789	Renovate Spray Irrigation Coast	restoration	repair or replace failure or broken asset	ANC WW	200	4 746	202204	0 7700/
	35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset		380	4,746	202204	2.770%
	35880088855	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace with new	ANC WW ANC WW	380 380	136	202204	2.770%
	35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	25,000 2,083	202204 202204	2,770%
831 FP3	35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380		202204	2.770%
			wwtp equip has failure or reduced function that requires			300	4,167	202204	2.770%
	35640124650	WWTP Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,339	202204	2.770%
	35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	4	202204	2.460%
	35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202204	5.000%
	35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202204	5.000%
	35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202204	5.000%
837 FP3	5880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202204	5.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset		In-service	Deprecation
Line# Proj		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202204	5.000%
	35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	92	202204	5.000%
	35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202204	5.000%
	35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,913	202204	5.000%
	5101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	164	202204	5.000%
	5101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	238	202204	5.000%
	5881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202204	5.000%
	5640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required Comm Eqp asset has failure that requires	repair or replace failure or broken asset	Fairways WW	394	185	202204	5.000%
	5880027406	Remote Monitoring WW Central	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	140	202204	6.670%
847 FP38	5101528262	Remote Monitoring WW Coast	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	125	202204	6.670%
848 FP35	5883011013	Remote Monitoring WW Fayville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	18	202204	6.670%
849 FP35	5101025129	Remote Monitoring WW Kville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	191	202204	6.670%
850 FP35	5881025986	Remote Monitoring WW West	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	43	202204	6.670%
851 FP35	5640124663	Remote Monitoring FW WW	repair/replacement driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Fairways WW	396	89	202204	6.670%
852 FP35	5100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202205	1.570%
853 FP35	5100315419	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	202205	1.570%
854 FP35	5100524688	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	202205	1.570%
855 FP35	5800092209	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	202205	1.570%
	5801025377		driveway, grounds, electrical or wellhouse requires						
857 Need		P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	16,461	202205	1.570%
		SAFE Denver Office Fall Protection	Stairs damaged/not usable Allow for generator to be hooked up during power outage	Replace stairs	ANC Water	304	5,000	202205	1.570%
	5100064892	Instl Quick Connct/Trnsfr Switch	w/o straight wiring Due to vandalism; remove building which contains the	Install Hubbel plugs at wells	ANC Water	304	7,500	202205	1.570%
	5801007551	Raintree Instl Fence/Whtwtr Cntrls	MM to reduce operational costs For equipment storage out of weather (protect	Install fence and Whitewater controls	ANC Water	304	8,000	202205	1 570%
	5801013399	Brights Creek Instl Carport	investment)	Pre-built carport and installation	ANC Water	304	3,000	202205	1.570%
861 FP35	5801013504	Ashebrook Park #1 Rplc Roof	Roof is rotten and tree fell on it Allow for generator to be hooked up during power outage	Replace roof	ANC Water	304	6,000	202205	1.570%
862 FP35	5801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing driveway, grounds, electrical or wellhouse requires	Install Hubbel plugs at wells	ANC Water	304	3,188	202205	1.570%
863 FP35	5740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace driveway, grounds, electrical or wellhouse requires	repair or replace failure or broken asset	Brookwood	304	15,500	202205	1.570%
864 FP35	5681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Eginuovo Moto-	204	E 400	202225	4 5700/
865 FP35	5900120969	Cary Building & Ground Improvements	funding for Cary Office Bldg Maintenance	Rplc HVAC/Plg or other bldg maintenance	Fairways Water ANC Water	304 56	5,168	202205	1.570%
866 FP35	5801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	3,500	202205	1.650%
867 FP35	5800026507	Well Renovations Central	Dealer the second second second	repair or replace failure or broken asset	ANC Water	304.56 307	208 659	202205 202205	1.650% 1.310%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Feb 10 2023

Line#

Line#	(a)	(b)	(C)	(d)	(e) Rate	(g) NARUC Asset	(h) Estimated In-Service	(i) Estimated In-service	(j) Primary Deprecation
Line# Proje		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	5800007599	RC Woodvalley Redrill Well #11	Well lost capacity	Drill new well to increase capacity	ANC Water	307	90,520	202205	1.310%
	5740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,759	202205	1.310%
870 FP35	5800092247	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	202205	4.560%
871 FP35	5100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202205	4.560%
872 FP35	5100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202205	4.560%
873 FP35	5100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202205	4.560%
874 FP35	5801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair Update vlv bank with McDonald Miller, site glasses and	repair or replace failure or broken asset	ANC Water	309	11,212	202205	4 560%
875 FP35	5100094198	Tank/Vlv Bank Reno - Specific Sys	accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202205	4.560%
876 FP35	5740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,248	202205	4.560%
877 FP35	5681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202205	4.560%
878 FP35	5800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202205	1.790%
879 FP35	5800021688	Central South Port Gen CriticalSite	Emergency Operations during power outage situations	Purchase new portable gensets	ANC Water	310	50,000	202205	1.790%
880 FP35	5800021689	Central North Port Gen CriticalSite	Emergency Operations during power outage situations pump equip has failure or reduced function that requires	Purchase new portable gensets	ANC Water	310	50,000	202205	1.790%
881 FP35	800092237	CW Pumping Equipment Central	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	51,952	202205	2.800%
882 FP35	5100524692	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	516	202205	2.800%
883 FP35	5100324843	Pumping Equipment Fayville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	341	202205	2.800%
884 FP35	100025012	Pumping Equipment Kville	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	9,447	202205	2.800%
885 FP35	801025382	Pumping Equipment West	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC Water	311	26,374	202205	2.800%
886 FP35	740024815	Pumping Equipment Brookwood	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	Brookwood	311	11,929	202205	2.800%
887 FP356	681624752	Pumping Equipment FW	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Fairways Water	311	4,135	202205	2.800%
888 FP358	800092240	CW Treatment Equipment Central	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	37,154	202205	3.860%
889 FP35	100524694	Treatment Equipment Coast	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	817	202205	3.860%
890 FP35	100324844	Treatment Equipment Fayville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	689	202205	3 860%
891 FP35	100025014	Treatment Equipment Kville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	3,761	202205	3.860%
892 FP358	801025390	Treatment Equipment West	repair/replacement Fe/Mn concentrations in well water above EPA	repair or replace failure or broken asset	ANC Water	320	5,641	202205	3.860%
893 FP358	801016468	WSIC Spring Shores FeMn Filter	secondary limits, creating discolored water and potential health effect issues for customers Reached end of life, no longer providing adequate	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	383,892	202205	3.860%
894 FP351	100020999	Nantucket Village Rplc Filters	filtration	Replace controls and tanks (WPC)	ANC Water	320	7,500	202205	3.860%
895 FP357	740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Brookwood	320	7,515	202205	3.860%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

OFFICIAL COPY Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)			(i) Estimated	(j) Primary
Line# Pro	piect ID	Project Description	Project Reason	Project Scope	Rate Division	Asset Account	In-Service Cost	In-service Date	Deprecation Rate
		i tojoot - coch pilot	Treatment eqp has failure or requires timely	110,000,000,00	DIVISION	Account	COSL	Date	Nate
896 FP3	35681624753	Treatment Equipment FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	320	756	202205	3,860%
897 FP3	35100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202205	2.150%
898 FP3	35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202205	2.150%
899 FP3	35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202205	2.150%
900 FP3	35100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202205	2.150%
901 FP3	35801025393	Tank Improvements West	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202205	2,150%
902 New	w FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202205	2.150%
903 FP3	35681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	330	33	202205	2.150%
904 FP3	35800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,350	202205	1.710%
	35100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	1,276	202205	1.710%
	35100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water		2,332		1.710%
	35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset		331		202205	
	35100025016	Main Renovations Kville	water main breaks that require immediate repair		ANC Water	331	33,744	202205	1.710%
900 FF3	55100025010		water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	10,349	202205	1.710%
909 FP3	35800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,334	202205	1.710%
910 FP3	35100025017	Main Repair/Valve Replace Kville	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	500	202205	1.710%
911 FP3	35801025395	Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,166	202205	1.710%
914 FP3	85740024817	Main Renovations Brookwood	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Brookwood	331	53,889	202205	1,710%
915 FP3	5740024828	Main Repair/Valve Rplc Brookwood	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202205	1.710%
916 FP3	5681624756	Main Renovations FW	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Fairways Water	331	5,983	202205	1.710%
917 FP3	5681624750	Main Repair/Valve Replace FW	repair/replacement and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	331	166	202205	1,710%
918 FP3	5100016473	Services - Kville	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	7,367	202205	4.810%
919 FP3	5100316474	Services Fayville	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	3,342	202205	4.810%
920 FP3	5100516475	Services Coast	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	1,038	202205	4.810%
921 FP3	5800092249	CE Services Central	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	46,384	202205	4.810%
922 FP3	5801016479	Services West	and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202205	4.810%
923 New		New Services Kville		Install new service line	ANC Water	333		202205	
924 New		New services Cary	Install new service for new customer	Install new service line			1,105		4.810%
925 New		New Services West	Install new service for new customer		ANC Water	333	5,622	202205	4.810%
320 New				Install new service line	ANC Water	333	4,276	202205	4.810%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line# (a)	(b)	(c)	(d)	(e)	(g) NARUC		(i) Estimated	(j) Primary
Line# Project ID	Project Description	Project Reason	Project Scope	Rate Division	Asset	In-Service Cost		Deprecation
	r reject bescription	water service has failure that requires repair/replaceme		Division	Account	COSE	Date	Rate
926 FP35740016477	Services Brookwood	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset	Brookwood	333	54,763	202205	4.810%
927 FP35681616476	Services FW	and restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	Fairways Water	333	1,686	202205	4.810%
928 FP35800092105	CW Meter/Meter Box Reno Central	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	17,058	202205	3.300%
929 FP35100324849	Meter/Meter Box Reno Fayville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	1,436	202205	3.300%
930 FP35100025021	Meter/Meter Box Reno Kville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	4,423	202205	3.300%
931 FP35801027002	Meter/Meter Box Reno West	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	15,298	202205	3,300%
932 FP35100524700	Meters/Meter Box Reno Coast	restoration	repair or replace failure or broken asset	ANC Water	334	334	202205	3.300%
933 New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202205	3.300%
934 New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	167	202205	3.300%
935 New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	34	202205	3.300%
936 New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,383	202205	3.300%
937 New FP	New Meters West	Install new meters for new customers water meter/box requires repair/replacement and	Install new meter	ANC Water	334	4,217	202205	3.300%
938 FP35740024832	Meter/Meter Box Reno Brookwood	restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202205	3.300%
939 New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	666	202205	3.300%
		water meter/box requires repair/replacement and		2.00.000		000	LOLLOO	0.00070
940 FP35681624759	Meters/Meter Box Reno FW	restoration	repair or replace failure or broken asset	Fairways Water	334	3,929	202205	3.300%
941 New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	416	202205	3.300%
942 FP35900198842	NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202205	20.000%
943 FP35800026549	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202205	5.000%
944 FP35801025406	P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202205	5.000%
945 FP35100025024	P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202205	5.000%
946 FP35740024839	P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202205	5.000%
947 FP35681624765	P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	393	202205	5.000%
948 FP35800026542	P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202205	5.000%
949 FP35100553111	P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202205	5.000%
950 FP35801093416	P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202205	5.000%
951 FP35740005193	P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202205	5.000%
952 FP35681691533	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required Comm Eqp asset has failure that requires	repair or replace failure or broken asset	Fairways Water	344	86	202205	5.000%
953 FP35800026546	Remote Monitoring Central	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	3,461	202205	10,000%
954 FP35100524704	Remote Monitoring Coast	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	12	202205	10.000%
955 FP35100359632	Remote Monitoring Fayville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	488	202205	10.000%
956 FP35100025023	Remote Monitoring Kville	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC Water	346	559	202205	10.000%
957 FP35801025403	Remote Monitoring West	repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,368	202205	10.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Line#	(a)	

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
	in the				Rate	Asset	In-Service	In-service	Deprecation
Line# Pro		Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
	35100015843	Candy Creek InstI Level Monitor	Provide data on well production Statewide initiative to obtain production data on wells	Install level monitor and SCADA	ANC Water	346	2,500	202205	10.000%
959 FP3	35801078032	Install Level Tran & Pressure Mon	losing production Comm Eqp asset has failure that requires	Instil level transducers and pres monitors	ANC Water	346	3,188	202205	10.000%
960 FP3	35740024837	P5300314:R/R SCADA/AutoDistCon-NS	repair/replacement Comm Eqp asset has failure that requires	repair or replace failure or broken asset	Brookwood	346	230	202205	10.000%
961 FP3	35681624764	Remote Monitoring FW	repair/replacement driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	Fairways Water	346	215	202205	10.000%
962 FP3	35101025107	P5300221: Drive, Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	3,403	202205	2.080%
963 FP3	35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	8,355	202205	2.080%
964 FP3	35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	33,892	202205	2.080%
965 FP3	35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	9,638	202205	2.080%
966 FP3	35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	1 1 4 7	202205	2.0000/
968 Nee		SAFE South Entrance LS Install Stairs Gov Club	Need stairs installed to access	Install stairs	ANC WW	354	1,147 5,000	202205 202205	2.080% 2.080%
969 Nee		SAFE Crooked Creek WWTP Install Stairs	Stairs deteriated	Replace stairs	ANC WW	354	5,000	202205	2.080%
970 FP3	35881013477	Harbor Estates Rplc Building	Deterioration due to age	Replace blower building	ANC WW	354	15,000	202205	
	35881021088	Willowbrook Rplc Storage Building	Deterioration and age	Replace storage building	ANC WW		7,500		2.080%
	35881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate driveway, grounds, electrical, structural, lift sta requires	Replace rotten steel on WWTPs	ANC WW	354 354	4,018	202205 202205	2.080% 2.080%
973 FP3	35640124646	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,894	202205	2.080%
974 FP3	35881008519	Generator Renovation West	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	872	202205	3.050%
975 FP3	35880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202205	3.050%
976 FP3	5101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202205	3.050%
977 FP3	35101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	241	202205	3.050%
978 FP3	35883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202205	3.050%
979 FP3	5640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	355	513	202205	3.050%
980 FP3	5880092257	CW Force Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	5,547	202205	1.530%
981 FP3	5101524783	Force Main Renovation Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	551	202205	1.530%
982 FP3	5881025437	Force Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	2,996	202205	1.530%
983 FP3	5883011004	Force Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	620	202205	1.530%
984 FP3	5101025111	Renovate Force Mains Kville	and restoration	repair or replace failure or broken asset	ANC WW	360	796	202205	1.530%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			sewer main has failure that requires repair/replacement						
985 FP35	5640124607	Renovate Force Main FW WW	and restoration	repair or replace failure or broken asset	Fairways WW	360	539	202205	1.530%
			sewer main has failure that requires repair/replacement						
986 FP35	5880092260	CW Gravity Main Renovation Central	and restoration	repair or replace failure or broken asset	ANC WW	361	7,738	202205	1.850%
	5404005440	Crawity Main Departmention Krille	sewer main has failure that requires repair/replacement			004		000005	4.0500/
90/ 1830	5101025112	Gravity Main Renovation Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	398	202205	1.850%
988 EP35	5881025439	Gravity Main Renovation West	and restoration	repair or replace failure or broken asset	ANC WW	361	831	202205	1.850%
5001100	001020400	Cravity Main Renovation West	sewer main has failure that requires repair/replacement	repair of replace failure of broken asset		301	001	202203	1.00076
989 FP35	5883011005	Gravity Mains Fayville	and restoration	repair or replace failure or broken asset	ANC WW	361	288	202205	1.850%
			sewer main has failure that requires repair/replacement						
990 FP35	5101577653	Gravity Mains Coast	and restoration	repair or replace failure or broken asset	ANC WW	361	484	202205	1.850%
			sewer main has failure that requires repair/replacement						
991 FP35	5640124657	Gravity Main Reno FW	and restoration	repair or replace failure or broken asset	Fairways WW	361	691	202205	1.850%
			sewer service has failure that requires						
992 FP35	5101016646	Services WW Kville	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,194	202205	2.450%
	404540055		sewer service has failure that requires						
993 FP35	5101516655	GP Service Line Coast	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202205	2,450%
004 ED35	5880092316	CE Services WW Central	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset		262	44 474	202205	2 4509/
994 FF33	000092310		sewer service has failure that requires	repair of replace failure of broken asset	ANC WW	363	11,17 4	202205	2.450%
995 EP35	5880092321	CW GP Service Line Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202205	2.450%
0001100			sewer service has failure that requires			000	11,174	202205	2.40070
996 FP35	5881016650	Services WW West	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	2,844	202205	2.450%
			sewer service has failure that requires				_,		
997 FP35	5883016651	Services WW Fayville	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202205	2.450%
			sewer service has failure that requires						
998 FP35	640116648	Services FW WW	repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202205	2.450%
			pump equip has failure or reduced function that requires						
999 FP35	5880092283	CW Pumping Equipment WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202205	7.410%
1000 5025	404504702	Dumning Fouriement Coast	pump equip has failure or reduced function that requires	annala an ann Iana failtean an baolann ann d		074	0.400	000005	
1000 FP35	0101524793	Pumping Equipment Coast	repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	371	8,489	202205	7.410%
1001 FP35	883011012	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202205	7.410%
10011130	000011012		pump equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC WWW	571	2,401	202205	7.41070
1002 FP35	101025132	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202205	7.410%
		·	pump equip has failure or reduced function that requires			011	101	202200	1.41070
1003 FP35	881025988	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202205	7.410%
1004 FP35		SSIC Timberbrook LS Pump Rplc	Pump unrepairable	Replace with new pump	ANC WW	371	29,986	202205	7.410%
1005 FP35	101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202205	7.410%
1006 FP35	881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202205	7.410%
			pump equip has failure or reduced function that requires						
1007 FP35	640124658	Pumping Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,980	202205	7.410%
4000 ED05	880000000		wwtp equip has failure or reduced function that requires			~~~	10 000	000005	0.7700/
1008 FP35	000092300	CW WWTP Equipment Central		repair or replace failure or broken asset	ANC WW	380	16,266	202205	2.770%
1009 FP35	101524797	WWTP Equipment Coast	wwtp equip has failure or reduced function that requires repair/replacement	repair or replace failure or breken coast		200	7 004	202205	2 7700/
1009 1133	101524/0/	www.ri Equipment.oodat	ropainopiacement	repair or replace failure or broken asset	ANC WW	380	7,091	202205	2.770%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(C)	(d)	(e) Rate	(g) NARUC Asset	(h) Estimated In-Service		(j) Primary Deprecation
Line# Pro	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			wwtp equip has failure or reduced function that requires						0
1010 FP3	35883011009	WWTP Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202205	2.770%
			wwtp equip has failure or reduced function that requires						
1011 FP3	35101025118	WWTP Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,550	202205	2.770%
			wwtp equip has failure or reduced function that requires						
1012 FP3	35881025972	WWTP Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,480	202205	2.770%
			spray irrigation field requires repair/replacement or						
1013 FP3	35880092302	CW Spray Irrigation Improvements	restoration	repair or replace failure or broken asset	ANC WW	380	10,432	202205	2.770%
1011 500	05404504700		spray irrigation field requires repair/replacement or						
	35101524789	Renovate Spray Irrigation Coast	restoration	repair or replace failure or broken asset	ANC WW	380	4,746	202205	2.770%
	35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	136	202205	2.770%
1016 FP3	35880021659	Crked Crk Rplc Eff Dischrg SS Box	Metal deterioration	Replace entire box	ANC WW	380	15,000	202205	2.770%
	05404504040	COLO Avendela Fina Caraca	Increase biological treatment efficiency by removing	Install Fine Screen at headworks of WWTP to remove	-				
	35101564846	SSIC Avendale Fine Screen	unwanted material from the influent	unwanted material from sewage influent	ANC WW	380	225,000	202205	2.770%
1018 Nee		SAFE Legacy WWTP Install Pump Hoist	Need hoist to safely lift pumps	Install hoist	ANC WW	380	2,500	202205	2.770%
	35101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202205	2.770%
1020 FP3	35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202205	2.770%
1021 ED2	35640124650	WWTP Equipment FW WW	wwtp equip has failure or reduced function that requires	rengia es sentese failure es baskan accet	5 -1		5 000	000005	0.7700/
	35640124606	Renovate Outfall Lines FW WW	repair/replacement Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,339	202205	2.770%
	35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	repair or replace failure or broken asset	Fairways WW	382	3	202205	2.460%
	35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202205	5.000%
	35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202205	5.000%
	35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools Purchase or replace tools	ANC WW	393	239	202205	5.000%
	35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445 579	202205	5.000%
	35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393		202205 202205	5.000%
	35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW ANC WW	393 394	92 275	202205	5.000% 5.000%
	35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394 394	1,913	202205	5.000%
	35101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394 394	164	202205	5.000%
	35101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394 394	238	202205	5.000%
	35881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394 394	361	202205	5.000%
	35640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394 394	185	202205	5.000%
1001110			Comm Eqp asset has failure that requires	repair of replace failure of broken asset	i aliways vvv	594	105	202205	5.000 %
1035 FP3	35880027406	Remote Monitoring WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202205	6.670%
			Comm Eqp asset has failure that requires			030	141	202200	0,07078
1036 FP3	35101528262	Remote Monitoring WW Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	396	125	202205	6.670%
		5	Comm Eqp asset has failure that requires			000	120	202200	0.07070
1037 FP3	35883011013	Remote Monitoring WW Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	396	18	202205	6.670%
		5,	Comm Eqp asset has failure that requires		/	000	10	202200	0.07070
1038 FP3	35101025129	Remote Monitoring WW Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	396	191	202205	6.670%
		·	Comm Eqp asset has failure that requires			000		202200	0.07070
1039 FP3	35881025986	Remote Monitoring WW West	repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202205	6.670%
		-	Comm Eqp asset has failure that requires	· · · · · · · · · · · · · · · · · · ·			U F	202200	0.01070
1040 FP3	35640124663	Remote Monitoring FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	396	89	202205	6.670%
		-	driveway, grounds, electrical or wellhouse requires						
1041 FP3	35100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202206	1.570%
							-,		

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e) Rate	(g) NARUC Asset	(h) Estimated In-Service	(i) Estimated In-service	(j) Primary Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
1000			driveway, grounds, electrical or wellhouse requires						
1042 FP35	5100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	613	202206	1.570%
			driveway, grounds, electrical or wellhouse requires						
1043 FP35	5100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202206	1.570%
			driveway, grounds, electrical or wellhouse requires						
1044 FP35	5800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202206	1.570%
			driveway, grounds, electrical or wellhouse requires						
1045 FP35	5801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	16,461	202206	1.570%
1049 ED36	5100064892	Instl Quick Connct/Trnsfr Switch	Allow for generator to be hooked up during power outage						
1040 FF30	5100004692		w/o straight wiring Allow for generator to be hooked up during power outage	Install Hubbel plugs at wells	ANC Water	304	7,500	202206	1.570%
1049 EP35	5801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing			004	0.400	000000	4 5700/
1040 11 00	0001000002		driveway, grounds, electrical or wellhouse requires	Install Hubbel plugs at wells	ANC Water	304	3,188	202206	1.570%
1050 FP35	5740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace	repair or replace failure or broken asset	Brookwood	304	15,500	202206	1.570%
	5740021179	Well Site Fencing 2-3 lots per year	increase security at well sites	install fencing	Brookwood	304	35,000	202200	1.570%
		ö	driveway, grounds, electrical or wellhouse requires		Brookwood	004	55,000	202200	1.07070
1052 FP35	5681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,168	202206	1.570%
1053 FP35	5801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202206	1.650%
	5800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	659	202206	1.310%
	5801007552	Raintree #4/5 Abandon Wells	Mandated by DEQ - wells are out of service	Abandon wells by certified well contractor	ANC Water	307	5,000	202206	1.310%
	5801021013	Country Acres abandon Wells 4 & 5	Mandated by DEQ - wells are off line	Abandon wells by certified well contractor	ANC Water	307	7,000	202206	1.310%
	5740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,759	202206	1.310%
	5800092247	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	202206	4.560%
	5100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202206	4.560%
	5100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202206	4.560%
	5100324842 5801025381	Valve Bank Renovation Fayville Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202206	4.560%
1002 FP35	001020001	valve bank Renovations west	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202206	4.560%
1063 FP35	5100004108	Tank/VIv Bank Reno - Specific Sys	Update vIv bank with McDonald Miller, site glasses and accys to show water volume in tank	Redo valve bank			0 500		4 5000/
	5801013505	Stoney Oaks Reno Valve Bank	Corrosion/tuburculation of pipes due to water quality	Replace valve bank	ANC Water	309	2,500	202206	4.560%
	5740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water Brookwood	309 309	4,000 6,248	202206 202206	4.560% 4.560%
1066 FP35		Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	0,240 1,181	202206	4.560%
	800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	309	432	202206	1.790%
1068 FP35		Jacksonville Port Gen Critical Site	Coastal area back up power need	purchase portable generator	ANC Water	310	50,000	202206	1.790%
	5740021175	Instl Office Permanent Generator	Fayetteville office on owned site needs genset	install genset	Brookwood	310	60,000	202206	1.790%
1070 FP35	5740021686	Fayville Portable Gen Critical Site	Fay area back up power need	purchase portable generator	Brookwood	310	50,000	202206	1.790%
			pump equip has failure or reduced function that requires						
1071 FP35	800092237	CW Pumping Equipment Central	repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,953	202206	2.800%
			pump equip has failure or reduced function that requires				•		
1072 FP35	100524692	Pumping Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC Water	311	516	202206	2.800%
			pump equip has failure or reduced function that requires						
1073 FP35	100324843	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202206	2.800%
4074 5005	400005040	Provenie a Francisco est 16 dila	pump equip has failure or reduced function that requires						
1074 FP35	100025012	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202206	2.800%
	001005000	Rumping Equipment West	pump equip has failure or reduced function that requires	and the second					- A
1075 FP350	801025382	Pumping Equipment West Brights Crk Rplc Booster Pmps	repair/replacement Replace booster pumps & motors when they fail	repair or replace failure or broken asset	ANC Water	311	26,374	202206	2.800%
10101-500	001007000	Brights Off Thic Dooster Liftha	Replace booster pumps & motors when they rail	Replace pump/motor	ANC Water	311	30,000	202206	2.800%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

L.	.ine#	(a)
L		(21)

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
	Desire (ID				Rate	Asset	In-Service	In-service	Deprecation
Line#	Project ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
1077	FP3574002481	5 Pumping Equipment Brookwood	pump equip has failure or reduced function that requires repair/replacement pump equip has failure or reduced function that requires	repair or replace failure or broken asset	Brookwood	311	11,929	202206	2.800%
1078	FP3568162475	2 Pumping Equipment FW	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Fairways Water	311	4,135	202206	2.800%
1079	FP3580009224	CW Treatment Equipment Central	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	37,155	202206	3.860%
1080	FP3510052469	Treatment Equipment Coast	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	817	202206	3.860%
1081	FP3510032484	Treatment Equipment Fayville	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	689	202206	3.860%
	FP3510002501		repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	3,761	202206	3 860%
	FP3580102539		repair/replacement	repair or replace failure or broken asset	ANC Water	320	5,641	202206	3.860%
1084	FP35800021276	Ole Mill Stream #3 Filter Rplc	Filter reaching its life expectancy Mn not being oxidized enough by chlorine alone for complete removal. Needed to add another stronger Mn	Replace with new filter	ANC Water	320	100,000	202206	3.860%
1085	FP3580001683	Stonehenge Instl KMno4	oxidizer Fe/Mn concentrations in well water above EPA	Installation of chemical feed equipment	ANC Water	320	10,000	202206	3.860%
1086	FP35800013350	WSIC Carden's Creek Well #2 Fe/Mn	secondary limits, creating discolored water and potential health effect issues for customers Fe/Mn concentrations in well water above EPA	Design/build/install filtration equipment, bldg and appurtances	ANC Water	320	670,000	202206	3.860%
	FP3580008155 FP3510001349	WSIC Bayleaf Farms FeMn Fltr P54 Replace FeMn Filters Kville	secondary limits, creating discolored water and potential health effect issues for customers End of life, no longer providing adequate filtration	Design/build/install filtration equipment, bldg and appurtances Replace filters	ANC Water ANC Water	320 320	310,000 30,000	202206 202206	3.860% 3.860%
1089	FP35740024816	Treatment Equipment Brookwood	Treatment eqp has failure or requires timely repair/replacement Treatment eqp has failure as requires timely	repair or replace failure or broken asset	Brookwood	320	7,515	202206	3.860%
1090	FP35681624753	Treatment Equipment FW	Treatment eqp has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways Water	320	756	202206	3.860%
1091	FP35100524698	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202206	2.150%
1092	FP35800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202206	2.150%
	FP35100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202206	2.150%
	FP35100025015		tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202206	2.150%
	FP35801025393 FP35801013394	Tank Improvements West WISC Creekside Repl 5k noncode tank	tank asset has failure that requires repair/replacement Non-code tank	repair or replace failure or broken asset Replace hydro tank	ANC Water ANC Water	330 330	618 55,000	202206 202206	2.150% 2.150%
1097	New FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202206	2.150%
1099 1100	FP35681624754 FP35800092082 FP35100524697 FP35100324845	Main Renovation Coast	tank asset has failure that requires repair/replacement water main breaks that require immediate repair water main breaks that require immediate repair water main breaks that require immediate repair	repair or replace failure or broken asset repair or replace failure or broken asset repair or replace failure or broken asset repair or replace failure or broken asset	Fairways Water ANC Water ANC Water ANC Water ANC Water	330 331 331 331	33 46,350 1,276 2,332	202206 202206 202206 202206	2.150% 1.710% 1.710% 1.710%

14

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

_		
Cons	olid	ated

Line#	(a)	(b)	(c)	(d)	(ε
					Ra

ine# (a) ine# Project ID	(b) Project Description	(C) Project Reason	(d) Project Scope	(e) Rate Division	(g) NARUC Asset Account	(h) Estimated In-Service Cost		(j) Primary Deprecation Rate
1102 FP35801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water			202206	1.710%
1103 FP35100025016	Main Renovations Kville	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331 331	33,744 10,349	202206	1.710%
1104 FP35800092101	CW Main Repair/Valve Rplc Central	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,334	202206	1,710%
1105 FP35100025017	Main Repair/Valve Replace Kville	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	500	202206	1.710%
1106 FP35801025395	Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,166	202206	1.710%
1109 FP35740024817	Main Renovations Brookwood	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Brookwood	331	53,888	202206	1.710%
1110 FP35740024828	Main Repair/Valve Rplc Brookwood	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202206	1.710%
1111 FP35681624756	Main Renovations FW	water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Fairways Water	331	5,983	202206	1,710%
1112 FP35681624750	Main Repair/Valve Replace FW	repair/replacement and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset ent	Fairways Water	331	166	202206	1.710%
1113 FP35100016473	Services - Kville	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset ent	ANC Water	333	7,367	202206	4.810%
1114 FP35100316474	Services Fayville	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset ent	ANC Water	333	3,342	202206	4.810%
1115 FP35100516475	Services Coast	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset ent	ANC Water	333	1,038	202206	4.810%
1116 FP35800092249	CE Services Central	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset	ANC Water	333	46,384	202206	4.810%
117 FP35801016479	Services West	and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202206	4.810%
118 New FP	New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202206	4.810%
119 New FP	New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202206	4.810%
120 New FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202206	4.810%
121 FP35801007561	WSIC Cedar Valley Rplc Svc	Volume of service line leaks water service has failure that requires repair/replaceme	Replace service lines ent	ANC Water	333	25,000	202206	4.810%
122 FP35740016477	Services Brookwood	and restoration water service has failure that requires repair/replaceme	repair or replace failure or broken asset ent	Brookwood	333	54,763	202206	4 810%
123 FP35681616476	Services FW	and restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	Fairways Water	333	1,686	202206	4.810%
124 FP35800092105	CW Meter/Meter Box Reno Central	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	17,058	202206	3.300%
125 FP35100324849	Meter/Meter Box Reno Fayville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	1,436	202206	3.300%
126 FP35100025021	Meter/Meter Box Reno Kville	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	4,423	202206	3.300%
127 FP35801027002	Meter/Meter Box Reno West	restoration water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	15,298	202206	3.300%
128 FP35100524700	Meters/Meter Box Reno Coast	restoration	repair or replace failure or broken asset	ANC Water	334	334	202206	3.300%
129 New FP	New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202206	3.300%
130 New FP	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	167	202206	3.300%
131 New FP	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	33	202206	3.300%
132 New FP	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	12,384	202206	3.300%
133 New FP	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	4,217	202206	3.300%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

OFFICIAL COPY

Line# (a)	(b)	(C)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
				Rate	Asset	In-Service	In-service	Deprecation
Line# Project ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
		water meter/box requires repair/replacement and						
1134 FP3574002483		restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202206	3.300%
1135 New FP	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202206	3.300%
		water meter/box requires repair/replacement and						
1136 FP3568162475		restoration	repair or replace failure or broken asset	Fairways Water	334	3,929	202206	3.300%
1137 New FP	New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202206	3.300%
1138 FP3590019884	2 NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202206	20.000%
1139 FP3590015174		Replacement of high mileage and damaged vehicles	Purchase vehicles	Allocate	341	350,000	202200	7.860%
1140 FP3580002654	P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202200	5.000%
1141 FP3580102540	-	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202206	5.000%
1142 FP3510002502		Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202200	5.000%
1143 FP3574002483		Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	290	202206	5.000%
1144 FP3568162476		Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	393	202206	5.000%
1145 FP3580002654		Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	343	1,118	202206	5.000%
1146 FP3510055311		Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202206	5.000%
1147 FP3580109341		Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202206	5.000%
1148 FP3574000519	· ·	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202206	5.000%
1149 FP3568169153		Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202206	5.000%
		Comm Eqp asset has failure that requires		i anways vvaler	544	60	202200	5.000%
1150 FP35800026540	8 Remote Monitoring Central	repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202206	10.000%
	5	Comm Eqp asset has failure that requires		ANC Water	540	3,401	202200	10.000%
1151 FP35100524704	Remote Monitoring Coast	repair/replacement	repair or replace failure or broken asset	ANC Water	346	12	202206	10.000%
	5	Comm Eqp asset has failure that requires		ANG Water	540	12	202200	10.000%
1152 FP35100359632	Remote Monitoring Fayville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202206	10,000%
	5 /	Comm Eqp asset has failure that requires		ANG Water	540	409	202200	10,000%
1153 FP35100025023	Remote Monitoring Kville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202206	10.000%
	·	Comm Eqp asset has failure that requires		ANO Water	540	559	202200	10.000 %
1154 FP35801025403	Remote Monitoring West	repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,368	202206	10.000%
	-	Statewide initiative to obtain production data on wells		Alto Water	540	2,300	202200	10.00078
1155 FP35801078032	Install Level Tran & Pressure Mon	losing production	Instll level transducers and pres monitors	ANC Water	346	3,188	202206	10.000%
		Comm Eqp asset has failure that requires		AITO Water	540	5,100	202200	10.000 %
1156 FP35740024837	P5300314:R/R SCADA/AutoDistCon-NS	repair/replacement	repair or replace failure or broken asset	Brookwood	346	230	202206	10.000%
		Comm Eqp asset has failure that requires		BICCRWOOd	540	250	202200	10.000 %
1157 FP35681624764	Remote Monitoring FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	346	215	202206	10.000%
		driveway, grounds, electrical, structural, lift sta requires		i anways water	540	215	202200	10.000 /6
1158 FP35101025107	P5300221: Drive, Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	3,404	202206	2.080%
		driveway, grounds, electrical, structural, lift sta requires			554	5,404	202200	2.000 /0
1159 FP35101524782	P5300311:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	8,355	202206	2.080%
		driveway, grounds, electrical, structural, lift sta requires		ANC WW	554	0,555	202200	2.000%
1160 FP35880092265	P5300101:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	354	33,892	202206	2 090%
	· · · · · · · · · · · · · · · · ·	driveway, grounds, electrical, structural, lift sta requires	repair of replace failure of broken asset	ANC WWW	354	33,092	202200	2.080%
1161 FP35881025434	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	251	0 639	202206	2 0909/
	······································	driveway, grounds, electrical, structural, lift sta requires	ropan of ropiace failure of broken asset	AINC VVVV	354	9,638	202206	2.080%
1162 FP35883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	ANC WW	251	1 1 4 7	202206	2 0900/
1163 Need New	SAFE LS Fall Protection	Fall protection needed at lift stations	Install fall protection grating in wet wells	ANC WW	354	1,147	202206	2.080%
1164 FP35101021083		Repeated patch/repairs - need to repaice	Rehab L/S piping and valves	ANC WW	354 354	7,000 8,000	202206 202206	2.080% 2.080%
			nondo dio piping ana valveo		004	0,000	202200	2.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Lir	ne# (a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
1.5-	ne# Project ID	Project Description	Desise 4 Desses		Rate	Asset	In-Service	In-service	Deprecation
	1166 FP35881021	Project Description 092 Pine Valley Rplc Access Rd	Project Reason Road has devolved	Project Scope	Division	Account	Cost	Date	Rate
	1167 FP35881051		Preparedness for when walls deteriorate driveway, grounds, electrical, structural, lift sta requires	Grade and gravel access road Replace rotten steel on WWTPs	ANC WW ANC WW	354 354	12,500 4,018	202206 202206	2.080% 2.080%
1	168 FP35640124	646 P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,894	202206	2.080%
	169 FP35881008		asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	872	202206	3.050%
	170 FP358800523		asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202206	3.050%
	171 FP35101055		asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	550	202206	3.050%
	172 FP351015776		asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	242	202206	3.050%
	173 FP358830110		asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202206	3.050%
	174 FP35101521	--	Lift station needs a perm genset	install genset	ANC WW	355	22,000	202206	3.050%
T.	175 FP35883021	188 New Generator at Lift Stations	Lift station needs a perm genset	install genset	ANC WW	355	30,000	202206	3.050%
1	176 FP356401248	369 Generator Rpr/Reno	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	355	513	202206	3.050%
1	177 FP356401211	42 Willow Gln LS Instl Perm Gen	Lift station needs a perm genset sewer main has failure that requires repair/replacement	install genset	Fairways WW	355	25,000	202206	3.050%
	178 FP358800922		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	5,546	202206	1.530%
	179 FP351015247		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	551	202206	1.530%
	180 FP358810254		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	2,996	202206	1.530%
	181 FP358830110		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	620	202206	1.530%
	182 FP351010251		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	796	202206	1.530%
	183 FP356401246		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	360	539	202206	1,530%
	184 FP358800922		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	7,738	202206	1.850%
	185 FP351010251		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	398	202206	1.850%
	186 FP358810254		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	831	202206	1.850%
	187 FP358830110		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	288	202206	1.850%
	188 FP351015776		and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	484	202206	1.850%
	189 FP356401246		and restoration sewer service has failure that requires	repair or replace failure or broken asset	Fairways WW	361	691	202206	1.850%
	190 FP351010166		repair/replacement and restoration sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	1,194	202206	2.450%
11	191 FP351015166	55 GP Service Line Coast	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	1,293	202206	2:450%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Line#	(a)	(b)	(c)	(d)	(e)	(g)	(h)	(i)	(j)
						NARUC		Estimated	Primary
1.1. J. (1. D.			-		Rate	Asset	In-Service	In-service	Deprecation
Line# PI	roject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
1100 50	D2500000046		sewer service has failure that requires						
1192 Fr	P35880092316	CE Services WW Central	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	11,174	202206	2.450%
1103 FE	P35880092321	CW GP Service Line Central	sewer service has failure that requires repair/replacement and restoration	ropois or roplace feilure or barban acast					
115511	55000032521		sewer service has failure that requires	repair or replace failure or broken asset	ANC WW	363	11,174	202206	2.450%
1194 FF	P35881016650	Services WW West	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	262	2.944	202206	0.4500/
			sewer service has failure that requires	repair of replace failure of broken asset	ANC WW	363	2,844	202206	2.450%
1195 FF	P35883016651	Services WW Fayville	repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202206	2.450%
		,	sewer service has failure that requires			505	511	202200	2.40070
1196 FF	P35640116648	Services FW WW	repair/replacement and restoration	repair or replace failure or broken asset	Fairways WW	363	2,838	202206	2.450%
			pump equip has failure or reduced function that requires		i annayo mit	000	2,000	202200	2,40070
1197 FF	235880092283	CW Pumping Equipment WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	371	59,775	202206	7.410%
			pump equip has failure or reduced function that requires			0	00,110	LULLUU	11070
1198 FF	P35101524793	Pumping Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	371	8,489	202206	7.410%
			pump equip has failure or reduced function that requires				-,		
1199 FF	P35883011012	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	2,461	202206	7.410%
			pump equip has failure or reduced function that requires				,		
1200 FF	P35101025132	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	371	701	202206	7.410%
			pump equip has failure or reduced function that requires						
1201 FF	P35881025988	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	371	5,501	202206	7.410%
4000 55									
	235101521124	Cannonsgate Rbld Inplant Water Pump	pump in dosing tank needs replaced including controls	Replace pump	ANC WW	371	25,000	202206	7.410%
	235101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	2,667	202206	7,410%
1204 FP	P35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	10,417	202206	7.410%
1205 ED	25640424669	Bumping Equipment EW/WWW	pump equip has failure or reduced function that requires						
1205 FP	235640124658	Pumping Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,980	202206	7.410%
1207 FP	P35880092300	CW WWTP Equipment Central	wwtp equip has failure or reduced function that requires repair/replacement	reneit et replece feilure et breken esset	A 1 1 0 1 A 8 A 4		40.000		0
1207 1 P	55000092500		wwtp equip has failure or reduced function that requires	repair or replace failure or broken asset	ANC WW	380	16,266	202206	2.770%
1208 FP	235101524787	WWTP Equipment Coast	repair/replacement	repair or replace failure or broken asset		200	7 004	000000	0.770%
120011	00101024/07		wwtp equip has failure or reduced function that requires	repair of replace failure of broken asset	ANC WW	380	7,091	202206	2.770%
1209 FP	P35883011009	WWTP Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	200	914	202206	0 7700/
			wwtp equip has failure or reduced function that requires	repair of replace failure of broken asset		380	914	202206	2.770%
1210 FP	35101025118	WWTP Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,550	202206	2.770%
			wwtp equip has failure or reduced function that requires			560	3,550	202200	2.11070
1211 FP	35881025972	WWTP Equipment West	repair/replacement	repair or replace failure or broken asset	ANC WW	380	2,479	202206	2.770%
			spray irrigation field requires repair/replacement or			000	2,470	202200	2.11070
1212 FP	35880092302	CW Spray Irrigation Improvements	restoration	repair or replace failure or broken asset	ANC WW	380	10,431	202206	2.770%
			spray irrigation field requires repair/replacement or						
	35101524789	Renovate Spray Irrigation Coast	restoration	repair or replace failure or broken asset	ANC WW	380	4,747	202206	2.770%
1214 FP	35881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	380	136	202206	2.770%
			Current degredation of the media and underdrain	Replace new media and associated pumping and					
	35880007430	Governors Club WWTP Filter Rehab	structure	controls	ANC WW	380	40,000	202206	2.770%
1217 Ne		SAFE Instl Shower/Emergency Eyewash	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	32,000	202206	2.770%
	35101065052	SSIC Plan Blwr Motor Rplc Marker		Replace blower/blower motor	ANC WW	380	2,083	202206	2.770%
1219 FP	35881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	4,167	202206	2.770%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

OFFICIAL COPY

(c	I)

Line#	(a)	(b)	(c)	(d)	(e) Rate	(g) NARUC	(h) Estimated		(j) Primary
Line# Proj	ect ID	Project Description	Project Reason	Project Scope		Asset	In-Service		Deprecation
		r roject beschption	wwtp equip has failure or reduced function that requires		Division	Account	Cost	Date	Rate
1220 FP3	35640124650	WWTP Equipment FW WW	repair/replacement	repair or replace failure or broken asset					
	35640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement		Fairways WW	380	5,339	202206	2.770%
				repair or replace failure or broken asset	Fairways WW	382	3	202206	2.460%
1222 FP3	35880021656	JoCO Purchase Capacity	Nuese Colony increased flow	Stay within compliance and able to properly treat waste water					
	35101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	389	550,000	202206	2.000%
	35883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202206	5.000%
	35101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202206	5.000%
	35880026570	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202206	5.000%
	35881025973	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202206	5.000%
	35640124655	P5300313:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202206	5.000%
	35883011011	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	393	92	202206	5.000%
	35880026571	P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	275	202206	5.000%
	5101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202206	5.000%
1232 FP3	5101025128	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	164	202206	5.000%
	5881093754	P5300201:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	237	202206	5.000%
	5640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202206	5,000%
			Comm Eqp asset has failure that requires	repair of replace failure of broken asset	Fairways WW	394	185	202206	5.000%
1235 FP3	5880027406	Remote Monitoring WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	200		000000	0.070%
		5	Comm Eqp asset has failure that requires	repair of replace failure of broken asset	ANC WWW	396	141	202206	6.670%
1236 FP35	5101528262	Remote Monitoring WW Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	200	405	200000	0.0700/
		5	Comm Eqp asset has failure that requires	repair of replace failure of broken asset	ANC WWW	396	125	202206	6.670%
1237 FP35	5883011013	Remote Monitoring WW Fayville	repair/replacement	repair or replace failure or broken asset	ANC WW	200	10	202200	0.0700/
		• •	Comm Eqp asset has failure that requires			396	19	202206	6,670%
1238 FP35	5101025129	Remote Monitoring WW Kville	repair/replacement	repair or replace failure or broken asset	ANC WW	396	192	202206	6 6700/
		-	Comm Eqp asset has failure that requires			290	192	202206	6.670%
1239 FP35	5881025986	Remote Monitoring WW West	repair/replacement	repair or replace failure or broken asset	ANC WW	396	43	202206	6 6700/
		-	Comm Eqp asset has failure that requires			390	43	202206	6.670%
1240 FP35	5640124663	Remote Monitoring FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	396	89	202206	6.670%
			driveway, grounds, electrical or wellhouse requires		r anways vvvv	390	09	202200	0.070%
1241 FP35	5100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	6,150	202207	1.570%
			driveway, grounds, electrical or wellhouse requires		ANO Water	504	0,150	202207	1.570%
1242 FP35	5100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	613	202207	1.570%
			driveway, grounds, electrical or wellhouse requires		ANO Water	504	015	202207	1.570%
1243 FP35	5100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202207	1.570%
			driveway, grounds, electrical or wellhouse requires		ANO Water	504	920	202207	1.570%
1244 FP35	5800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202207	1.570%
			driveway, grounds, electrical or wellhouse requires		ANO Water	304	40,195	202207	1.570%
1245 FP35	5801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	16,461	202207	1.570%
						504	10,401	202207	1.570%
1246 FP35	5800021274	Bayleaf Well House Renos	Deteriorated wellhouses in the Bayleaf system	Replace wellhouses with new for safety and reliability	ANC Water	304	75,000	202207	1.570%
				Replace all current dehumidifiers with new commercial		504	75,000	202207	1.570%
1247 FP35	5800025663	Emergency Dehumidifer Replacement	Replacement of recalled home style dehumidifers	grade for safety	ANC Water	304	52,399	202207	1.570%
			Allow for generator to be hooked up during power outage			504	52,599	202201	1.57070
1249 FP35	5801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing	Install Hubbel plugs at wells	ANC Water	304	3,188	202207	1.570%
			driveway, grounds, electrical or wellhouse requires			504	5,100	202201	1.07070
1250 FP35	5740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace	repair or replace failure or broken asset	Brookwood	304	15,500	202207	1.570%
					2.0000000	-00	10,000	202201	1.07070

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

OFFICIAL COPY Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated		(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Pro	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
4054 501	25004024740	DE200212/10/A Drive (Orado/ElecAMellhouse	driveway, grounds, electrical or wellhouse requires						
	35681624748	P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,168	202207	1.570%
	35801051897	Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202207	1.650%
	35800026507	Well Renovations Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202207	1.310%
	35740024813	Well Renovation Brookwood	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,759	202207	1.310%
	35800092247	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	202207	4.560%
	35100524691	Valve Bank Reno Coast	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202207	4.560%
	35100025011	Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202207	4.560%
	35100324842	Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	283	202207	4.560%
	35801025381	Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	11,212	202207	4.560%
1261 FP3	35100313358	Automatic Flushing Units/Meters	increase water quality and turn over on dead ends	install new flushing units	ANC Water	309	20,000	202207	4.560%
			Update viv bank with McDonald Miller, site glasses and						
	35100094198	Tank/Vlv Bank Reno - Specific Sys	accys to show water volume in tank	Redo valve bank	ANC Water	309	2,500	202207	4.560%
	35740024814	Valve Bank Renovation Brookwood	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Brookwood	309	6,249	202207	4.560%
	35681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,181	202207	4.560%
1265 FP3	35800026543	Mobile Gen/Camera Renov Central	Renovate equipment as needed	repair or replace failure or broken asset	ANC Water	310	432	202207	1.790%
			pump equip has failure or reduced function that requires			010	102	LULLU	1.10070
1266 FP3	35800092237	CW Pumping Equipment Central	repair/replacement	repair or replace failure or broken asset	ANC Water	311	51,953	202207	2.800%
			pump equip has failure or reduced function that requires			011	01,000	202201	2.00070
1267 FP3	35100524692	Pumping Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC Water	311	516	202207	2.800%
			pump equip has failure or reduced function that requires			511	510	202207	2.000 /0
1268 FP3	35100324843	Pumping Equipment Fayville	repair/replacement	repair or replace failure or broken asset	ANC Water	311	340	202207	2.800%
			pump equip has failure or reduced function that requires		AND Water	511	540	202207	2.000%
1269 FP3	35100025012	Pumping Equipment Kville	repair/replacement	repair or replace failure or broken asset	ANC Water	311	9,447	202207	2 8000/
			pump equip has failure or reduced function that requires		ANG Water	511	9,447	202207	2.800%
1270 FP3	35801025382	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset	ANC Water	311	26,374	202207	2.000%
			pump equip has failure or reduced function that requires		ANC Water	311	20,374	202207	2.800%
1271 FP3	35740024815	Pumping Equipment Brookwood	repair/replacement	repair or replace failure or broken asset	Proplanod	244	44.000	000007	0.0000/
			pump equip has failure or reduced function that requires	repair of replace failure of broken asset	Brookwood	311	11,929	202207	2.800%
1272 FP3	35681624752	Pumping Equipment FW	repair/replacement	repair or replace failure or broken asset		044	4.405		
			Treatment eqp has failure or requires timely	repair of replace failure of broken asset	Fairways Water	311	4,135	202207	2.800%
1273 FP3	35800092240	CW Treatment Equipment Central	repair/replacement	repair or replace failure or broken asset			07.455		
1210110		orr mouthon Equipmont contrai	Treatment eqp has failure or requires timely	repair of replace failure of broken asset	ANC Water	320	37,155	202207	3.860%
1274 FP3	35100524694	Treatment Equipment Coast	repair/replacement	ropair or roplage failure or broken erect			- · -		
			Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	817	202207	3.860%
1275 FP3	35100324844	Treatment Equipment Fayville	repair/replacement	ropair or roplage failure or broken and					
1210110	00100024044	riodunent Equipment i dyvine	Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	689	202207	3.860%
1276 FP3	35100025014	Treatment Equipment Kville	repair/replacement	ropais or replace feilure or builder and					
12/07/13	5700025014	reament Equipment Rule	Treatment eqp has failure or requires timely	repair or replace failure or broken asset	ANC Water	320	3,761	202207	3.860%
1277 ED3	35801025390	Treatment Equipment West	repair/replacement						
12// 153	55601025590	rreatment Equipment West		repair or replace failure or broken asset	ANC Water	320	5,641	202207	3.860%
			Sourcing filter backwash water from distribution system						
			can clog laterals with legacy Fe/Mn and lower media life						
			due to coating from seaquestrant. Installing closed						
4070 500	500000470	Devel Center Dde #2 Deelourets Userd	backwash supply system to extend filter media life and						
	35800026470	Royal Senter Rdg #2 Backwash Upgrd	lower opex	Design/build/install backwash system	ANC Water	320	125,000	202207	3.860%
1279 FP3	35100013495	Replace FeMn Filters Kville	End of life, no longer providing adequate filtration	Replace filters	ANC Water	320	30,000	202207	3 960%

1279 FP35100013495 1280 FP35801013500

Replace FeMn Filters Kville Replace Radium Filters Denver

End of life, no longer providing adequate filtration Filters will eventually reach exhaustion/breakthrough

Replace filters Replace filters with new radium removal ANC Wa ANC Wa

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Vater	320	125,000	202207	3.860%
Vater	320	30,000	202207	3.860%
Vater	320	29,000	202207	3.860%

Line#	(a)	(b)	(C)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proj	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			Treatment eqp has failure or requires timely		Division	Account	0031	Date	Rate
1281 FP3	5740024816	Treatment Equipment Brookwood	repair/replacement Treatment eqp has failure or requires timely	repair or replace failure or broken asset	Brookwood	320	7,516	202207	3.860%
1282 FP35	5681624753	Treatment Equipment FW	repair/replacement	repair or replace failure or broken asset	Fairways Water	320	756	202207	3.860%
1283 FP35	5100524695	Tank Improvements	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	36	202207	2.150%
1284 FP35	5800026527	Tank Improvements Central	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	776	202207	2.150%
1285 FP35	5100352221	Tank Improvements Fayville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	26	202207	2.150%
1286 FP35	5100025015	Tank Improvements Kville	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	2,243	202207	2.150%
1007 5006	5801025393						2,210	202201	2.10070
	5800021295	Tank Improvements West Vil of White Oak Rplc (2) 3K Hydros	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	330	618	202207	2.150%
	5801013395	Edgewood Ac #1&2 Rplc 2k Noncode Tk	Reached life expectancy and needs replaced Non-code tank	Replace Hydro Tank and associated piping with new	ANC Water	330	60,000	202207	2.150%
1200 11 00	001010000	Eugewood Ac #Taz Npic zk Nolicode Tk	Non-coue tank	Replace hydro tank	ANC Water	330	30,000	202207	2.150%
1290 New	FP	Tank Improvements BWC	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Brookwood	330	1,426	202207	2,150%
1291 FP35	681624754	Tank Improvements FW	tank asset has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways Water	220	22	000007	0.4500/
	5800092082	CE Main Renovations Central	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	330 331	32	202207 202207	2.150%
	5100524697	Main Renovation Coast	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	46,351 1,276	202207 202207	1.710%
	5100324845	Main Renovation Fayville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	2,331	202207 202207	1.710% 1.710%
	801025394	Main Renovation West	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	33,743	202207	1.710%
1296 FP35	100025016	Main Renovations Kville	water main breaks that require immediate repair	repair or replace failure or broken asset	ANC Water	331	10,349	202207	1.710%
4007 5005	000000404		water main/valve has failure that requires			001	10,040	202207	1.71070
1297 FP35		CW Main Repair/Valve Rplc Central	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	9,334	202207	1.710%
1298 FP35		Main Repair/Valve Replace Kville	repair/replacement and restoration water main/valve has failure that requires	repair or replace failure or broken asset	ANC Water	331	500	202207	1.710%
1299 FP35		Main Repair/Valve Rplc West	repair/replacement and restoration	repair or replace failure or broken asset	ANC Water	331	12,167	202207	1.710%
1300 FP35		WSIC Bostian Hght Rplc Mains Svcs	Replace aged and deteriorating pipe	Replace mains and services	ANC Water	331	626,200	202207	1.710%
1302 FP35	740024817	Main Renovations Brookwood	water main breaks that require immediate repair	repair or replace failure or broken asset	Brookwood	331	53,888	202207	1.710%
1202 5025	740004000	Main Danaio (akar Data Data Jugar)	water main/valve has failure that requires				00,000	LULLUI	1.7 1070
1303 FP35 1304 FP35		Main Repair/Valve Rplc Brookwood Sample Stations Problematic Sites	repair/replacement and restoration	repair or replace failure or broken asset	Brookwood	331	500	202207	1.710%
1304 FP35		Main Renovations FW	reduce sampling errors and increase efficiency	install sample stations	Brookwood	331	30,000	202207	1.710%
			water main breaks that require immediate repair water main/valve has failure that requires	repair or replace failure or broken asset	Fairways Water	331	5,984	202207	1.710%
1306 FP35	681624750	Main Repair/Valve Replace FW	repair/replacement and restoration water service has failure that requires repair/replacemen	repair or replace failure or broken asset	Fairways Water	331	166	202207	1.710%
1307 FP35	100016473	Services - Kville	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	7,367	202207	4.810%
1308 FP35	100316474	Services Fayville	and restoration water service has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	333	3,342	202207	4.810%
1309 FP35	100516475	Services Coast	and restoration	repair or replace failure or broken asset	ANC Water	333	1,038	202207	4.810%
1310 FP358	800092249	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	202207	4.810%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e) Rate	(g) NARUC Asset	(h) Estimated In-Service	(i) Estimated In-service	(j) Primary Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			water service has failure that requires repair/replaceme	ent				Duto	Hate
1311 FP358		Services West	and restoration	repair or replace failure or broken asset	ANC Water	333	35,635	202207	4.810%
1312 New F		New Services Kville	Install new service for new customer	Install new service line	ANC Water	333	1,105	202207	4.810%
1313 New F		New services Cary	Install new service for new customer	Install new service line	ANC Water	333	5,622	202207	4.810%
1314 New F	FP	New Services West	Install new service for new customer	Install new service line	ANC Water	333	4,276	202207	4.810%
1315 FP357	740040477		water service has failure that requires repair/replaceme						
1315 FP35/	40016477	Services Brookwood	and restoration	repair or replace failure or broken asset	Brookwood	333	54,763	202207	4.810%
1316 FP356	691616476	Septime FM	water service has failure that requires repair/replaceme						
1310 FF350	001010470	Services FW	and restoration	repair or replace failure or broken asset	Fairways Water	333	1,686	202207	4.810%
1317 FP358	800002105	CW Meter/Meter Box Reno Central	water meter/box requires repair/replacement and						
1017 11 000	000092105	Can meter meter box Reno Central	restoration	repair or replace failure or broken asset	ANC Water	334	17,059	202207	3.300%
1318 FP351	100324840	Meter/Meter Box Reno Fayville	water meter/box requires repair/replacement and restoration						
101011 001	100324043	weter/weter box rteno r ayvine	water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	1,435	202207	3.300%
1319 FP351	100025021	Meter/Meter Box Reno Kville	restoration						
	1000LOOL 1		water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	4,423	202207	3.300%
1320 FP358	801027002	Meter/Meter Box Reno West	restoration	repair or replace failure or broken exact					
			water meter/box requires repair/replacement and	repair or replace failure or broken asset	ANC Water	334	15,297	202207	3.300%
1321 FP351	100524700	Meters/Meter Box Reno Coast	restoration	repair or replace failure or broken asset					
1322 New F		New Meters Kville	Install new meters for new customers	Install new meter	ANC Water	334	334	202207	3,300%
1323 New F	=P	New Meters Fayville	Install new meters for new customers	Install new meter	ANC Water	334	1,250	202207	3,300%
1324 New F	=P	New Meters Wilm	Install new meters for new customers	Install new meter	ANC Water	334	167	202207	3.300%
1325 New F	=P	New Meters Central	Install new meters for new customers	Install new meter	ANC Water	334	33	202207	3.300%
1326 New F	=P	New Meters West	Install new meters for new customers	Install new meter	ANC Water	334	12,384	202207	3.300%
			water meter/box requires repair/replacement and	motal new moter	ANC Water	334	4,217	202207	3.300%
1327 FP357	740024832	Meter/Meter Box Reno Brookwood	restoration	repair or replace failure or broken asset	Brookwood	334	6,747	202207	2 2000/
1328 New F	P	New Meters BWC	Install new meters for new customers	Install new meter	Brookwood	334	667	202207 202207	3.300% 3.300%
			water meter/box requires repair/replacement and		DIOORWOOD	554	007	202207	3.300%
1329 FP356		Meters/Meter Box Reno FW	restoration	repair or replace failure or broken asset	Fairways Water	334	3,929	202207	3.300%
1330 New F		New Meters Fairways	Install new meters for new customers	Install new meter	Fairways Water	334	417	202207	3.300%
1331 FP359	900152136	Rplc Field Tablets	Replace field employee tablet	Replace tablet due to malfunction or damage	Allocate	340	2,500	202207	20.000%
				5		0.0	2,000	202201	20.00070
1332 FP359		NC State Computer Equipment	Replace PC's, laptops due to failure or new employee	Replace or purchase computer equipment	Allocate	340	1,042	202207	20.000%
1333 FP359		Cross Connection Control	Cross Connection Surveys	Surveys for Cross Connection Control compliance	Allocate	340	60,000	202207	20.000%
1334 FP358		P5300100:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	1,104	202207	5.000%
1335 FP358		P5300200:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	819	202207	5.000%
1336 FP351		P5300220:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC Water	343	417	202207	5.000%
1337 FP357		P5300314:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Brookwood	343	289	202207	5.000%
1338 FP356		P5300312:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways Water	343	392	202207	5.000%
1339 FP358		P5300100:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	1,118	202207	5.000%
1340 FP351		P5300310:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	45	202207	5.000%
1341 FP358		P5300200:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC Water	344	278	202207	5.000%
1342 FP3574		P5300314:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Brookwood	344	72	202207	5.000%
1343 FP356	01091000	P5300312:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	Fairways Water	344	86	202207	5.000%
1344 FP358	800026546	Remote Monitoring Central	Comm Eqp asset has failure that requires repair/replacement	repair or replace failure or broken asset	ANC Water	346	3,461	202207	10.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

Feb 10 2023

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service	In-service	Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			Comm Eqp asset has failure that requires						
1345 FP35	5100524704	Remote Monitoring Coast	repair/replacement	repair or replace failure or broken asset	ANC Water	346	13	202207	10.000%
			Comm Eqp asset has failure that requires						
1346 FP35	5100359632	Remote Monitoring Fayville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	489	202207	10.000%
40.47 5005	- 40000 - 000		Comm Eqp asset has failure that requires						
1347 FP35	5100025023	Remote Monitoring Kville	repair/replacement	repair or replace failure or broken asset	ANC Water	346	559	202207	10.000%
1240 ED25	5801025403	Demote Meniterine West	Comm Eqp asset has failure that requires						
1340 6433	001020403	Remote Monitoring West	repair/replacement	repair or replace failure or broken asset	ANC Water	346	2,368	202207	10.000%
1349 FP35	800021267	Hopson Downs/Sauls Ridge PLC Upgrd	Pcurrent PLC is obsolete						
1350 FP35		Instl OUT at 37 Partial Sites	OUT needed at 6 remaining partial sites	Replace with new updated PLC for reliability of service	ANC Water	346	40,000	202207	10.000%
1351 FP35		Install RTU Centra	RTU/OUT growth at 12 sites/yr	Install RTU equipment and program	ANC Water	346	80,277	202207	10.000%
1352 FP35		Install RTU West		Install RTU equipment and program	ANC Water	346	160,553	202207	10.000%
1302 FF30	900121040		RTU/OUT growth at 6 sites/yr	Install RTU equipment and program	ANC Water	346	80,277	202207	10.000%
1354 FP35	001070022	Install Level Tran & Pressure Mon	Statewide initiative to obtain production data on wells losing production						
1504 FF30	001070032	Install Level Tran & Pressure Mon	Comm Eqp asset has failure that requires	Instil level transducers and pres monitors	ANC Water	346	3,188	202207	10.000%
1355 FP35	740024837	P5300314:R/R SCADA/AutoDistCon-NS	repair/replacement						
1355 FF35	140024037	P 55005 14.R/R SCADA/AUODISICOII-NS	Comm Eqp asset has failure that requires	repair or replace failure or broken asset	Brookwood	346	230	202207	10.000%
1356 FP350	691624764	Remote Monitoring FW	repair/replacement						
1357 FP35		Install RTU Coastal	RTU/OUT growth at 12 sites/yr	repair or replace failure or broken asset	Fairways Water	346	215	202207	10.000%
1337 FF33	900121044	Install RTO COastal		Install RTU equipment and program	Fairways Water	346	160,553	202207	10.000%
1358 FP35	101025107	P5300221: Drive,Grnds, Elec, Structure/LS	driveway, grounds, electrical, structural, lift sta requires repair/replace						
1300 11 33	101023107	1 5500221; Drive, Grida, Elec, Structure/ES	driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	3,404	202207	2.080%
1359 FP35 [.]	101524782	P5300311:Drive,Grnds, Elec, Structure/LS	repair/replace						
100011100	101024702	1 33003 T Elive, Olida, Elec, Structure/ES	driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	8,356	202207	2.080%
1360 FP358	880092265	P5300101:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace foilure or broken event					
100011000	000002200	1 0000 10 1101140,01103, 2100, 01100010/20	driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	33,892	202207	2.080%
1361 FP358	881025434	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	ropoir or roplage failure or broken asset					
100111000	001020404		driveway, grounds, electrical, structural, lift sta requires	repair or replace failure or broken asset	ANC WW	354	9,638	202207	2.080%
1362 FP358	883011002	P5300301:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset		054			
1002 11 000	000011002		repairreplace	Many facilities have small repair jobs needed along the	ANC WW	354	1,147	202207	2.080%
1363 FP358	880088765	WWTP Fence Replacements	Misc. Fence Repairs, section replacement	fence rows		254	45 000	000007	0.0000
1364 FP358		Woodlake Renovate Lift Stations	rehab equipment at end of useful life	replace pumps	ANC WW	354	15,000	202207	2.080%
1365 Need		SAFE Penman WWTP Fall Protection	Walking surface&handrails need replaced at WWTP		ANC WW	354	25,000	202207	2,080%
1366 FP358		WWTP Painting/Coating Denver	Prevent further deterioration of steel	Replace supports, grating, and handrails	ANC WW	354	15,000	202207	2.080%
1367 FP358		SAFE LS Fall Protection		Coat exterior of WWTPs	ANC WW	354	90,000	202207	2.080%
			Prevent emp from falling into L/S	Install grating	ANC WW	354	10,000	202207	2.080%
1368 FP358	881051827	WWTP Steel Tank Renovations	Preparedness for when walls deteriorate	Replace rotten steel on WWTPs	ANC WW	354	4,018	202207	2.080%
1260 50254	640104646	BE200201; Drive Crade, Eles, Structure/LS	driveway, grounds, electrical, structural, lift sta requires						
1369 FP356	040124040	P5300201:Drive,Grnds, Elec, Structure/LS	repair/replace	repair or replace failure or broken asset	Fairways WW	354	10,894	202207	2.080%
1370 FP358	001000510	Generator Renovation West	coact has follows as requires the share intervals						
1370 FF330	661006519	Generator Renovation west	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	872	202207	3,050%
1371 FP358	880052346	Generator Renovations WW Central	asset has failure or requires timely repair/replacement	ronair ar ronlogo failure ar brakan anna					
107111000	00002040		associties randre of requires unlery repair/replacement	repair or replace failure or broken asset	ANC WW	355	2,814	202207	3.050%
1372 FP351	101055761	Generators	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset		075		00000	0.0-00
				repair or replace failure of proken asset	ANC WW	355	550	202207	3.050%
1373 FP351	101577655	Generators Coast	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset		255	040	202227	2.0500/
				repair of replace failure of broken asset	ANC WW	355	242	202207	3.050%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

 ine#

.

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) ≕ Estimated	(i) Estimated	(j) Primary
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Rate	Asset		In-service	Deprecation
				i loject ocope	Division	Account	Cost	Date	Rate
1374 FP35	5883011014	Generators WW Fayville	asset has failure or requires timely repair/replacement	repair or replace failure or broken asset	ANC WW	355	312	202207	3.050%
1375 FP35	640124869	Generator Rpr/Reno	asset has failure or requires timely repair/replacement sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	355	513	202207	3.050%
1376 FP35	880092257	CW Force Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	5,546	202207	1.530%
1377 FP35	101524783	Force Main Renovation Coast	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	551	202207	1.530%
1378 FP358	881025437	Force Main Renovation West	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	2,996	202207	1.530%
1379 FP358	883011004	Force Mains Fayville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	619	202207	1.530%
1380 FP351	101025111	Renovate Force Mains Kville	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	360	796	202207	1.530%
1381 FP356	640124607	Renovate Force Main FW WW	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	Fairways WW	360	539	202207	1.530%
1382 FP358	880092260	CW Gravity Main Renovation Central	and restoration sewer main has failure that requires repair/replacement	repair or replace failure or broken asset	ANC WW	361	7,737	202207	1,850%
1383 FP351	101025112	Gravity Main Renovation Kville	and restoration	repair or replace failure or broken asset	ANC WW	361	398	202207	1.850%
1384 FP358	881025439	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	202207	1.850%
1385 FP358	883011005	Gravity Mains Fayville	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	288	202207	1.850%
1386 FP351	101577653	Gravity Mains Coast	sewer main has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	361	484	202207	1.850%
1387 FP356	640124657	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	202207	1.850%
1388 FP351	101016646	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	202207	2.450%
1389 FP351	101516655	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	202207	2.450%
1390 FP358	880092316	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	202207	2,450%
1391 FP358	380092321	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	202207	2.450%
1392 FP358	381016650	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	202207	2.450%
1393 FP358	383016651	Services WW Fayville	sewer service has failure that requires repair/replacement and restoration	repair or replace failure or broken asset	ANC WW	363	577	202207	2.450%
1394 FP356	640116648	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	202207	2.450%
1395 FP358	380092283	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	202207	7.410%
1396 FP351	01524793	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	202207	7.410%
						011	0,700	202201	7.41070

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Consolidated

OFFICIAL COPY

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
		and the second second			Rate	Asset	In-Service	In-service	Deprecation
Line# Proj	oject ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
1397 FP3	35883011012	Pumping Equipment Favville	pump equip has failure or reduced function that require					5410	Nate
1007 11 0	556656 11012	Fumping Equipment Fayvine	repair/replacement pump equip has failure or reduced function that require	repair or replace failure or broken asset	ANC WW	371	2,461	202207	7.410%
1398 FP3	35101025132	Pumping Equipment Kville	repair/replacement						
		0 1 1	pump equip has failure or reduced function that require	repair or replace failure or broken asset	ANC WW	371	701	202207	7.410%
1399 FP3	35881025988	Pumping Equipment West	repair/replacement	repair or replace failure or broken asset					
	35101588865	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	replace SSIC eqiupment		371	5,501	202207	7.410%
_	35101088859	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW	371	15,000	202207	7.410%
1402 FP3	35881088960	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	ANC WW ANC WW	371	2,667	202207	7.410%
			pump equip has failure or reduced function that require	S		371	10,417	202207	7.410%
	35640124658	Pumping Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	371	1,979	202207	7 4400/
1404 FP3	35640188867	SSIC Replace LS/WWTP Pumps	Replace pumps & motors when they fail	Replace pump/motor	Fairways WW	371	86,525	202207	7.410% 7.410%
	500000000		wwtp equip has failure or reduced function that requires		i annays vvv	571	00,020	202207	7.410%
1405 FP3	5880092300	CW WWTP Equipment Central	repair/replacement	repair or replace failure or broken asset	ANC WW	380	16,265	202207	2.770%
1406 502	5101504707		wwtp equip has failure or reduced function that requires			000	10,200	202201	2.77070
1400 FF3	5101524787	WWTP Equipment Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	380	7,091	202207	2.770%
1407 ED34	5883011009	WWTP Equipment Fayville	wwtp equip has failure or reduced function that requires				.,	202207	2.11070
1407 11 30	5005011009		repair/replacement	repair or replace failure or broken asset	ANC WW	380	914	202207	2.770%
1408 FP35	5101025118	WWTP Equipment Kville	wwtp equip has failure or reduced function that requires						
1400 11 00	0101020110		repair/replacement	repair or replace failure or broken asset	ANC WW	380	3,550	202207	2.770%
1409 FP35	5881025972	WWTP Equipment West	wwtp equip has failure or reduced function that requires repair/replacement						
			spray irrigation field requires repair/replacement or	repair or replace failure or broken asset	ANC WW	380	2,479	202207	2.770%
1410 FP35	5880092302	CW Spray Irrigation Improvements	restoration	remain en remlana faillean de la company					
		· · · · · · · · · · · · · · · · ·	spray irrigation field requires repair/replacement or	repair or replace failure or broken asset	ANC WW	380	10,431	202207	2.770%
1411 FP35	5101524789	Renovate Spray Irrigation Coast	restoration	renair or replace failure or broken esset					
1412 FP35	5881025616	WWTP Effluent Renovations West	asset has failure that requires repair/replacement	repair or replace failure or broken asset repair or replace failure or broken asset	ANC WW	380	4,747	202207	2.770%
1413 FP35	5880088855	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace with new	ANC WW	380	136	202207	2.770%
1414 Need		SAFE Instl Shower/Emergency Eyewash	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	25,000	202207	2.770%
1415 Need		SAFE Instl Shower/Emergency Eyewash	Need eyewashes per OSHA 29 CFR 1910.151(c)	Install eyewashes/showers	ANC WW	380	32,000	202207	2.770%
	5101065052	SSIC Plan Blwr Motor Rplc Marker	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW ANC WW	380	48,000	202207	2.770%
1417 FP35	5881065448	SSIC Planned Blw/Motor Rplc Mark	Replace blowers/motors due to failure	Replace blower/blower motor	ANC WW	380	2,083	202207	2.770%
			wwtp equip has failure or reduced function that requires			380	4,167	202207	2.770%
	5640124650	WWTP Equipment FW WW	repair/replacement	repair or replace failure or broken asset	Fairways WW	380	5,340	202207	2 7700/
	5640124606	Renovate Outfall Lines FW WW	Line has failure or requires timely repair/replacement	repair or replace failure or broken asset	Fairways WW	382	5,540	202207 202207	2.770% 2.460%
	5101524790	P5300311:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	192	202207	2.480% 5.000%
	5883011010	P5300301:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	41	202207	5.000%
	5101025127	P5300221:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	239	202207	5.000%
	5880026570 5881025973	P5300101:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	445	202207	5.000%
	5640124655	P5300201:Working Tools-NS	Tools used in the repair of assets	Purchase or replace tools	ANC WW	393	579	202207	5.000%
	5883011011	P5300313:Working Tools-NS P5300313:Lab Equipment-NS	Tools used in the repair of assets	Purchase or replace tools	Fairways WW	393	91	202207	5.000%
	5880026571	P5300313.Lab Equipment-NS P5300101:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	274	202207	5.000%
	5101524791	P5300311:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	1,914	202207	5.000%
	5101025128	P530021:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	164	202207	5.000%
	5881093754	P5300221:Lab Equipment-NS	Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	237	202207	5.000%
	5640124648	P5300313:Lab Equipment-NS	Lab equipment need perform testing as required Lab equipment need perform testing as required	repair or replace failure or broken asset	ANC WW	394	361	202207	5.000%
			Lob equipment need perform testing as required	repair or replace failure or broken asset	Fairways WW	394	186	202207	5.000%

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573

Feb 10 2023

4-

1.10	e#	
_ 11		

Line#	(a)	(b)	(c)	(d)	(e)	(g) NARUC	(h) Estimated	(i) Estimated	(j) Primary
					Rate	Asset	In-Service		Deprecation
Line# Proje	ect ID	Project Description	Project Reason	Project Scope	Division	Account	Cost	Date	Rate
			Comm Eqp asset has failure that requires		Bittiolon	Account	0031	Date	Nate
1432 FP35	5880027406	Remote Monitoring WW Central	repair/replacement	repair or replace failure or broken asset	ANC WW	396	141	202207	6.670%
4400 5005	404500000	Descrite Manifestine MARALO and	Comm Eqp asset has failure that requires					202201	0.07070
1433 FP35	5101528262	Remote Monitoring WW Coast	repair/replacement	repair or replace failure or broken asset	ANC WW	396	125	202207	6.670%
1434 ED35	5883011013	Remote Monitoring WW Fayville	Comm Eqp asset has failure that requires						
1404 (100	000011010	Remote Monitoring WWW Payvine	repair/replacement	repair or replace failure or broken asset	ANC WW	396	19	202207	6.670%
1435 EP35	5101025129	Remote Monitoring WW Kville	Comm Eqp asset has failure that requires repair/replacement						
1100 11 00		Kennete mentering WWW KWIIC	Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	192	202207	6.670%
1436 FP35	5881025986	Remote Monitoring WW West	repair/replacement	ropair or roploss failurs or backen as at					
			Comm Eqp asset has failure that requires	repair or replace failure or broken asset	ANC WW	396	43	202207	6.670%
1437 FP35	640124663	Remote Monitoring FW WW	repair/replacement	repair or replace failure or broken asset					
		•	driveway, grounds, electrical or wellhouse requires	repair of replace failure of broken asset	Fairways WW	396	89	202207	6,670%
1438 FP35	100024987	P5300200:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	C 1E1	202200	4 5700/
			driveway, grounds, electrical or wellhouse requires		ANC Water	304	6,151	202208	1.570%
1439 FP35	100315419	P5300300:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	612	202208	1.570%
			driveway, grounds, electrical or wellhouse requires			004	012	202200	1.57070
1440 FP35	100524688	P5300310:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	920	202208	1.570%
			driveway, grounds, electrical or wellhouse requires					202200	
1441 FP35	800092209	P5300100:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	48,195	202208	1.570%
1442 FP35	801025377	P5300200:WA Drive/Grnds/Elec/Wellhouse	driveway, grounds, electrical or wellhouse requires						
1442 1 7 33	001023377	F 3300200. WA Drive/Grids/Elec/Weilliouse	repair/replace	repair or replace failure or broken asset	ANC Water	304	16,460	202208	1.570%
1443 FP35	800021275	Ridgehaven Well #1 Rbld Wellhouse	Detreriorated wellhouse/unsafe						
1444 FP35		Canterbury Trl Reno Wilhse	Deteriorated well house	Replace wellhouses with new for safety and reliability Replace walls and roof	ANC Water	304	40,000	202208	1.570%
1445 FP35		Cedar Valley #4 Building reno	DEQ Inspection recommendation	Reno bldg, roof, door	ANC Water	304	12,000	202208	1.570%
1446 FP35	801013503	Bostian Heights #1 Rplc Roof	Roof is rotten	Replace roof	ANC Water	304	7,000	202208	1.570%
			Allow for generator to be hooked up during power outage		ANC Water	304	8,500	202208	1.570%
1447 FP358	801065062	Instl Quick Con/Trnsfr Switches	w/o straight wireing	Install Hubbel plugs at wells	ANC Water	304	3,188	202209	4 5700/
			driveway, grounds, electrical or wellhouse requires		ANO Walei	304	3,100	202208	1.570%
1448 FP35	740024819	P5300314:WA Drive, Grnds, Elec, Wellhouse	repair/replace	repair or replace failure or broken asset	Brookwood	304	15,500	202208	1.570%
			driveway, grounds, electrical or wellhouse requires		2.00111000	007	10,000	202200	1.57078
1449 FP350		P5300312:WA Drive/Grnds/Elec/Wellhouse	repair/replace	repair or replace failure or broken asset	Fairways Water	304	5,168	202208	1.570%
1450 FP358		Leasehold Improvements Denver	Required repairs at leased office	Varies	ANC Water	304.56	208	202208	1,650%
1451 FP358 1452 FP358		Well Renovations Central Blackstone Meadow Redrill Well	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	ANC Water	307	660	202208	1.310%
1452 FP350		Well Renovation Brookwood	Well lost capacity	Drill 8" in existing bore hole to gain back capacity	ANC Water	307	29,437	202208	1.310%
1454 FP358		CW Valve Bank Renovation Central	Redrill, grout, upgrade casing or install liner	repair or replace failure or broken asset	Brookwood	307	2,760	202208	1.310%
1455 FP35		Valve Bank Reno Coast	valvebank has failure or leak that requires repair valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	22,511	202208	4.560%
1456 FP35		Valve Bank Reno Kville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	331	202208	4.560%
1457 FP35		Valve Bank Renovation Fayville	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	ANC Water	309	3,600	202208	4.560%
1458 FP358		Valve Bank Renovations West	valvebank has failure or leak that requires repair	repair or replace failure or broken asset repair or replace failure or broken asset	ANC Water	309	284	202208	4.560%
			Update viv bank with McDonald Miller, site glasses and	repair or replace failure of Droken asset	ANC Water	309	11,212	202208	4.560%
1459 FP351	100094198	Tank/Vlv Bank Reno - Specific Sys	accys to show water volume in tank	Redo valve bank	ANC Water	200	2 500	202200	4 5000/
1460 FP357		Valve Bank Renovation Brookwood	such a band a set of the set of t	repair or replace failure or broken asset	Brookwood	309 309	2,500 6,249	202208	4.560%
1461 FP357		WSIC Master Meter Rplacement	Master meters at end of life	replace master meters	Brookwood	309	6,249 81,295	202208 202208	4.560% 4.560%
1462 FP356	681629258	Valve Bank Renovation FW	valvebank has failure or leak that requires repair	repair or replace failure or broken asset	Fairways Water	309	1,182	202208	4.560%
				• • • • • • • • • • • • • • • • • • • •		000	1,102	202200	-1.000 /0

AQUA WSIP REBUTTAL EXHIBIT 3 - CONSOLIDATED WORKSHEET PART 1 OF 7 W-218 SUB 573