

SANFORD LAW OFFICE, PLLC
Jo Anne Sanford, Attorney at Law

July 28, 2022

Via Electronic Filing

Ms. A. Shonta Dunston, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4325

Re: Aqua North Carolina, Inc.
Docket No. W-218, Sub 526A
Quarterly Compliance and Semiannual Reconciliation Reports
Required by Ordering Paragraph No. 14 of W-218, Sub 526 Rate Case
Order

Dear Ms. Dunston:

Attached for electronic filing please find Aqua North Carolina, Inc.'s quarterly compliance and semiannual reconciliation reports filed pursuant to Ordering Paragraph No. 14 of the Commission's W-218, Sub 526 Rate Case Order dated October 26, 2020.

Ordering Paragraph No. 14 of the Sub 526 Rate Case Order provides, in pertinent part, as follows:

14. That Aqua NC shall file quarterly reports with the Commission on its Conservation Pilot Program that, at a minimum, include monthly historical and current consumption by blocks of 1,000 gallons and the corresponding number of bills and revenues for each customer group, and such reports shall be filed within 30 days of the end of each calendar quarter, beginning with the quarter ending March 31, 2021. The semiannual reconciliation report on the Conservation Pilot Program indicating the amount to date of any surcharge or surcredit to customers shall be filed within 30 days of the reporting period, beginning with the reporting period ending June 30, 2021.

I hereby certify that a copy of this compliance filing has been served upon the parties to Docket No. W-218, Sub 526A.

As always, thank you and your staff for your assistance; please feel free to contact me if there are any questions or suggestions.

Sincerely,

Electronically Submitted
/s/Jo Anne Sanford
Sanford Law Office, PLLC
State Bar No. 6831

Attorney for Aqua North Carolina, Inc.

c: Parties of Record

VERIFICATION

Dean R. Gearhart, being duly sworn, deposes and says: that he is the Manager of Rates and Planning for Aqua North Carolina, Inc.; that he is familiar with the facts set out in these **Quarterly Compliance and Semiannual Reconciliation Reports Required by Ordering Paragraph No. 14 of W-218, Sub 526 Rate Case Order** filed in Docket No. W-218, Sub 526A; that he has read the foregoing Reports and knows the contents thereof; and that the filing is true of his knowledge except as to those matters stated therein on information and belief, and as to those he believes them to be true.



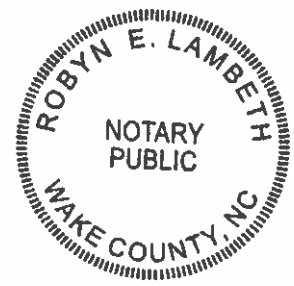
Dean R. Gearhart

Sworn to and subscribed before me this
the 28th day of July, 2022.



Notary Public

My Commission Expires: May 13, 2026



**AQUA NC TIERED PILOT PROGRAM
MONTHLY REVENUE AND
CONSUMPTION SUMMARY
(CONSOLIDATED & BY SYSTEM)**

**FIRST & SECOND CALENDAR
QUARTER OF 2022**

W-218 SUB 526A

NC Tier Pilot BDs for Report

SUMMARY

	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022
Dmstc						
Sum of TOTAL CHARGES OR ADJMT AMNT	\$ 330,593	\$ 282,627	\$ 283,659	\$ 322,915	\$ 431,432	\$ 566,759
Sum of BLOCK CHARGES	\$ 190,668	\$ 142,846	\$ 143,824	\$ 183,580	\$ 291,701	\$ 427,928
Sum of Bldd-Mns	6,745	6,738	6,740	6,716	6,738	6,691
Sum of Totl Cons (KG)	35,003	27,994	28,699	33,762	45,304	58,583
Sum of Avg_kGal/BlddMn	5.190	4.155	4.258	5.027	6.724	8.756
Irr						
Sum of TOTAL CHARGES OR ADJMT AMNT	\$ 11,728	\$ 8,909	\$ 8,193	\$ 10,842	\$ 37,159	\$ 55,031
Sum of BLOCK CHARGES	\$ 4,738	\$ 2,182	\$ 1,618	\$ 4,037	\$ 30,061	\$ 48,086
Sum of Bldd-Mns	275	273	269	280	290	286
Sum of Totl Cons (KG)	267	206	163	429	2,818	4,548
Sum of Avg_kGal/BlddMn	0.971	0.755	0.608	1.533	9.724	15.881
Total Sum of TOTAL CHARGES OR ADJMT AMNT	\$ 342,321	\$ 291,535	\$ 291,852	\$ 333,757	\$ 468,592	\$ 621,790
Total Sum of BLOCK CHARGES	\$ 195,406	\$ 145,028	\$ 145,443	\$ 187,617	\$ 321,761	\$ 476,014
Total Sum of Bldd-Mns	7,020	7,011	7,009	6,996	7,028	6,977
Total Sum of Totl Cons (KG)	35,270	28,200	28,862	34,191	48,122	63,131
Total Sum of Avg_kGal/BlddMn	5.024	4.022	4.118	4.887	6.848	9.048

2022 NC Tier Pilot Billing Determinants (RES & IRR)

	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Mid-Year Total
Total Sum of BLOCK CHARGES	\$ 195,406	\$ 145,028	\$ 145,443	\$ 187,617	\$ 321,761	\$ 476,014	\$ 1,471,268
Total Sum of Bldd-Mns	7,020	7,011	7,009	6,996	7,028	6,977	42,040
Total Sum of Totl Cons (KG)	35,270	28,200	28,862	34,191	48,122	63,131	237,776
Total Sum of Avg_kGal/BlddMn	5.024	4.022	4.118	4.887	6.848	9.048	5.656

NC Tier Pilot BDs for Report
Summary by System

NC Tier Pilot Billing Determinants (Res & Irr)

Row Labels	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Mid-Year Total
Arbor Run							
Sum of TOTAL CHARGES OR ADJMT	\$ 19,750	\$ 2,910	\$ 10,030	\$ 10,329	\$ 18,239	\$ 21,408	\$ 82,666
Sum of BLOCK CHARGES	\$ 15,005	\$ (1,906)	\$ 5,345	\$ 5,661	\$ 13,563	\$ 16,745	\$ 54,412
Sum of Blld-Mns	229	233	226	226	226	225	1,365
Sum of Totl Cons (kG)	2,257	200	1,093	1,110	2,021	2,323	9,004
Sum of Avg_kGal/BlldMn	9.848	0.858	4.830	4.923	8.945	10.311	6.597
Irr							
Sum of TOTAL CHARGES OR ADJMT	\$ 72	\$ 72	\$ 72	\$ 72	\$ 72	\$ 72	\$ 435
Sum of BLOCK CHARGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sum of Blld-Mns	2	2	2	2	2	2	12
Sum of Totl Cons (kG)	-	-	-	-	-	-	-
Sum of Avg_kGal/BlldMn	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bayleaf							
Arbor Run Sum of TOTAL CHARGES OR ADJMT	\$ 19,822	\$ 2,982	\$ 10,103	\$ 10,402	\$ 18,312	\$ 21,480	\$ 83,100
Arbor Run Sum of BLOCK CHARGES	\$ 15,005	\$ (1,906)	\$ 5,345	\$ 5,661	\$ 13,563	\$ 16,745	\$ 54,412
Arbor Run Sum of Blld-Mns	231	235	228	228	228	227	1,377
Arbor Run Sum of Totl Cons (kG)	2,257	200	1,093	1,110	2,021	2,323	9,004
Arbor Run Sum of Avg_kGal/BlldMn	9.762	0.851	4.788	4.879	8.867	10.221	6.539
Dmstc							
Sum of TOTAL CHARGES OR ADJMT	\$ 295,882	\$ 266,852	\$ 261,496	\$ 297,175	\$ 390,994	\$ 512,050	\$ 2,024,450
Sum of BLOCK CHARGES	\$ 167,152	\$ 138,374	\$ 132,768	\$ 168,958	\$ 262,386	\$ 384,353	\$ 1,253,991
Sum of Blld-Mns	6,204	6,192	6,204	6,179	6,200	6,153	37,132
Sum of Totl Cons (kG)	31,123	26,514	26,356	30,941	40,879	52,729	208,542
Sum of Avg_kGal/BlldMn	5.017	4.282	4.248	5.007	6.593	8.570	5.616
Irr							
Sum of TOTAL CHARGES OR ADJMT	\$ 11,091	\$ 8,317	\$ 7,269	\$ 10,913	\$ 36,345	\$ 53,744	\$ 127,679
Sum of BLOCK CHARGES	\$ 4,391	\$ 1,932	\$ 1,088	\$ 4,501	\$ 29,643	\$ 47,194	\$ 88,749
Sum of Blld-Mns	267	264	259	270	280	276	1,616
Sum of Totl Cons (kG)	234	182	117	467	2,777	4,456	8,232
Sum of Avg_kGal/BlldMn	0.875	0.690	0.451	1.730	9.926	16.123	29.795
Merion							
Bayleaf Sum of TOTAL CHARGES OR ADJMT	\$ 306,974	\$ 275,169	\$ 268,765	\$ 308,088	\$ 427,339	\$ 565,794	\$ 2,152,129
Bayleaf Sum of BLOCK CHARGES	\$ 171,543	\$ 140,306	\$ 133,855	\$ 173,459	\$ 292,030	\$ 431,547	\$ 1,342,740
Bayleaf Sum of Blld-Mns	6,471	6,456	6,462	6,449	6,480	6,429	38,748
Bayleaf Sum of Totl Cons (kG)	31,357	26,696	26,473	31,408	43,656	57,185	216,774
Bayleaf Sum of Avg_kGal/BlldMn	4.846	4.135	4.096	4.870	6.737	8.895	5.595
Dmstc							
Sum of TOTAL CHARGES OR ADJMT	\$ 4,597	\$ 4,166	\$ 3,831	\$ 4,983	\$ 4,826	\$ 5,438	\$ 27,842

NC Tier Pilot Billing Determinants (Res & Irr)

NC Tier Pilot BDs for Report
Summary by System

Row Labels	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Mid-Year Total
Sum of BLOCK CHARGES	\$ 2,475	\$ 2,065	\$ 1,705	\$ 2,888	\$ 2,715	\$ 3,327	\$ 15,176
Sum of Blld-Mns	103	102	103	101	102	102	612
Sum of Totl Cons (kG)	501	433	379	528	505	603	2,950
Sum of Avg_kGal/BlldMn	4.891	4.262	3.692	5.219	4.949	5.916	4.820
Irr							
Sum of TOTAL CHARGES OR ADJMT	\$ 41	\$ 41	\$ 41	\$ 41	\$ 41	\$ 41	\$ 248
Sum of BLOCK CHARGES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sum of Blld-Mns	2	2	2	2	2	2	12
Sum of Totl Cons (kG)	-	-	-	-	-	-	-
Sum of Avg_kGal/BlldMn	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Merion Sum of TOTAL CHARGES OR ADJ	\$ 4,639	\$ 4,207	\$ 3,873	\$ 5,024	\$ 4,868	\$ 5,480	\$ 28,090
Merion Sum of BLOCK CHARGES	\$ 2,475	\$ 2,065	\$ 1,705	\$ 2,888	\$ 2,715	\$ 3,327	\$ 15,176
Merion Sum of Blld-Mns	105	104	105	103	104	104	624
Merion Sum of Totl Cons (kG)	501	433	379	528	505	603	2,950
Merion Sum of Avg_kGal/BlldMn	4.797	4.180	3.622	5.118	4.854	5.802	4.728
Pebble Bay							
Dmstc							
Sum of TOTAL CHARGES OR ADJMT	\$ 10,363	\$ 8,699	\$ 8,302	\$ 10,428	\$ 17,373	\$ 27,863	\$ 83,028
Sum of BLOCK CHARGES	\$ (1,116)	\$ (1,095)	\$ (1,545)	\$ (1,474)	\$ 920	\$ 4,825	\$ 514
Sum of Blld-Mns	209	212	208	210	210	211	1,259
Sum of Totl Cons (kG)	1,121	848	870	1,183	1,899	2,928	8,849
Sum of Avg_kGal/BlldMn	5.362	4.001	4.194	5.624	9.064	13.899	7.029
Irr							
Sum of TOTAL CHARGES OR ADJMT	\$ 523	\$ 478	\$ 810	\$ (185)	\$ 700	\$ 1,173	\$ 3,499
Sum of BLOCK CHARGES	\$ 347	\$ 250	\$ 531	\$ (464)	\$ 417	\$ 892	\$ 1,973
Sum of Blld-Mns	4	5	6	6	6	6	33
Sum of Totl Cons (kG)	33	24	47	(38)	41	92	200
Sum of Avg_kGal/BlldMn	8.325	4.780	7.750	-6.300	6.807	15.316	6.030
Pebble Bay Sum of TOTAL CHARGES OR	\$ 10,886	\$ 9,177	\$ 9,112	\$ 10,243	\$ 18,073	\$ 29,036	\$ 86,527
Pebble Bay Sum of BLOCK CHARGES	\$ 6,383	\$ 4,564	\$ 4,537	\$ 5,609	\$ 13,453	\$ 24,395	\$ 58,940
Pebble Bay Sum of Blld-Mns	213	217	214	216	216	217	1,292
Pebble Bay Sum of Totl Cons (kG)	1,154	872	917	1,145	1,940	3,020	9,048
Pebble Bay Sum of Avg_kGal/BlldMn	5.418	4.019	4.294	5.293	9.001	13.938	7.003
Total Sum of TOTAL CHARGES OR ADJMT /	\$ 342,321	\$ 291,535	\$ 291,852	\$ 333,757	\$ 468,592	\$ 621,790	\$ 2,349,847
Total Sum of BLOCK CHARGES	\$ 195,406	\$ 145,028	\$ 145,443	\$ 187,617	\$ 321,761	\$ 476,014	\$ 1,471,268
Total Sum of Blld-Mns	7,020	7,011	7,009	6,996	7,028	6,977	42,040
Total Sum of Totl Cons (kG)	35,270	28,200	28,862	34,191	48,122	63,131	237,776
Total Sum of Avg_kGal/BlldMn	5.024	4.022	4.118	4.887	6.848	9.048	5.656

**AQUA NC TIERED PILOT PROGRAM
MONTHLY CONSUMPTION
STEP DATA
(DOMESTIC & IRRIGATION)
(BY SYSTEM & CONSOLIDATED)**

**FIRST & SECOND CALENDAR
QUARTER OF 2022**

W-218 SUB 526A

NC Tier Pilot Rprt, Step 2022 thru June

Column layout->	Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bld btwn Steps	Rate \$	Chrgs \$ in Step
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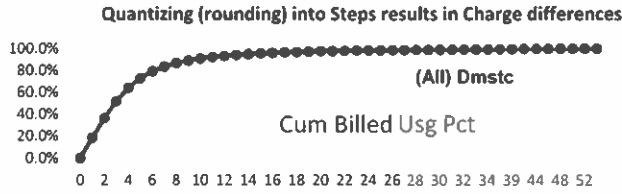
<u>Column</u>	<u>Description</u>
Step (kGal)	Rounded # kGals of usage on bill. E.g., 0-499 gallons -> 0, 500-1500 gallons -> 1, etc. (Quantizing effect)
Sum of Bld-Mns in Step	# of Billed Months on bills with usage in corresponding Step.
Usg on Bills in Step	Usage (kGal) on the bills <u>stopping</u> in this Step. Product of Step number and Billed Months in Step.
Cum Num Bills	Cum bills to (& including) this Step. (Max needed for Cum Billed Usage calc'n)
Cum Usg Bills to Step	Cum usage on bills stopping in Steps up to & including this Step.
Cum Billed Usage	Cum usage billed at rates up to & including this Step <u>plus</u> the usage in <u>this Step</u> from bills stopping beyond this Step.
Cum Billed Usg Pct	Important: The usage billed at a rate between any two Steps is the difference of the Cum Billed Usage numbers. The Percent of the Cum Billed Usage at this Step to the Total Billed Usage.
Pct of Bills	Important: The Percent usage billed at a rate between any two Steps is the difference of the Cum Billed Usg Pct numbers. This Percentage is what is used in Rate Design to calculate projected usage billed at various Block rates.
Usg Bld btwn Steps	The Percent of the Cum # of Bills to this Step. (this is only FYI and not useful in rate design)
Rate \$	The difference between Cum Billed Usage amounts in this step minus preceding Step shown.
Chrgs \$ in Step	Present (or proposed) tariff rate for a Step. (this is approximate at Block boundaries due to Quantizing the data.) Charges in each Step using the Step Rate; Approximate at Step boundaries.

Apr-2022 DOMESTIC

Block Limits

- <=4,000
- 4-8kGals
- 8-15kGals
- >15,000

Mth Billed
Dmstc/Irr
Pilot Area
(All) Dmstc



Step (kGal)	Sum of Billed Mns in Step	Usg on Bills in Step	6,708 Cum Num Bills	34,104 Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	34,104 Usg Bld btwn Stps	Step Rate \$	186,118 Chrgs \$ in Step
0	447.7	0	448	0	0	0.0%	6.7%	0	4.14	0
1	289.1	289	737	289	6,261	18.4%	11.0%	6,261	4.14	25,919
2	662.6	1,325	1,399	1,614	12,232	35.9%	20.9%	5,972	4.14	24,722
3	1115.5	3,347	2,515	4,961	17,541	51.4%	37.5%	5,309	4.14	21,979
4	1143.4	4,574	3,658	9,534	21,735	63.7%	54.5%	4,194	4.14	17,361
5	903.1	4,516	4,561	14,050	24,785	72.7%	68.0%	3,050	6.21	18,941
6	670.1	4,021	5,232	18,071	26,932	79.0%	78.0%	2,147	6.21	13,333
7	393.3	2,753	5,625	20,824	28,409	83.3%	83.8%	1,477	6.21	9,172
8	285.3	2,282	5,910	23,106	29,492	86.5%	88.1%	1,084	6.21	6,729
9	200.1	1,801	6,110	24,907	30,291	88.8%	91.1%	798	9.32	7,440
10	119	1,190	6,229	26,097	30,889	90.6%	92.9%	598	9.32	5,575
11	103.2	1,135	6,332	27,232	31,368	92.0%	94.4%	479	9.32	4,466
12	77	924	6,409	28,156	31,744	93.1%	95.5%	376	9.32	3,504
13	51	663	6,460	28,819	32,043	94.0%	96.3%	299	9.32	2,787
14	43	602	6,503	29,421	32,291	94.7%	96.9%	248	9.32	2,311
15	27	405	6,530	29,826	32,496	95.3%	97.3%	205	9.32	1,911
16	26	416	6,556	30,242	32,674	95.8%	97.7%	178	12.42	2,211
17	20	340	6,576	30,582	32,826	96.3%	98.0%	152	12.42	1,888
18	17	306	6,593	30,888	32,958	96.6%	98.3%	132	12.42	1,639
19	11	209	6,604	31,097	33,073	97.0%	98.4%	115	12.42	1,428
20	12.8	256	6,617	31,353	33,177	97.3%	98.6%	104	12.42	1,292
21	20	420	6,637	31,773	33,268	97.6%	98.9%	91	12.42	1,133
22	9	198	6,646	31,971	33,340	97.8%	99.1%	71	12.42	884
23	6	138	6,652	32,109	33,402	97.9%	99.2%	62	12.42	773
24	5.8	139	6,658	32,248	33,458	98.1%	99.2%	56	12.42	698
25	5	125	6,663	32,373	33,508	98.3%	99.3%	50	12.42	626
26	7	182	6,670	32,555	33,554	98.4%	99.4%	45	12.42	564
27	2	54	6,672	32,609	33,592	98.5%	99.5%	38	12.42	477
28	3	84	6,675	32,693	33,629	98.6%	99.5%	36	12.42	452
29	3	87	6,678	32,780	33,662	98.7%	99.5%	33	12.42	415
30	4	120	6,682	32,900	33,692	98.8%	99.6%	30	12.42	378
31	1	31	6,683	32,931	33,719	98.9%	99.6%	26	12.42	328
32	5	160	6,688	33,091	33,744	98.9%	99.7%	25	12.42	315
33	4	132	6,692	33,223	33,765	99.0%	99.8%	20	12.42	253
34	1	34	6,693	33,257	33,781	99.1%	99.8%	16	12.42	204
37	2	74	6,695	33,331	33,827	99.2%	99.8%	46	12.42	574
39	2	78	6,697	33,409	33,854	99.3%	99.8%	27	12.42	333
43	1	43	6,698	33,452	33,900	99.4%	99.8%	46	12.42	566
44	2	88	6,700	33,540	33,910	99.4%	99.9%	10	12.42	129
45	-1	-45	6,699	33,495	33,918	99.5%	99.9%	8	12.42	104

Pilot Area (All)											
(All) Dmstc											
Step (kGal)	Sum of Blld-Mns in Step	Usg on Bills in Step	6,708	34,104	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	34,104	186,118		
			Cum Num Bills	Cum Usg Bills to Step				Usg Bll'd btwn Stps	Step Rate \$	Chrgs \$ in Step	
48	1	48	6,700	33,543	33,947	99.5%	99.9%	28	12.42	350	
51	1	51	6,701	33,594	33,972	99.6%	99.9%	25	12.42	313	
52	2	104	6,703	33,698	33,979	99.6%	99.9%	7	12.42	92	
54	1	54	6,704	33,752	33,990	99.7%	99.9%	11	12.42	134	
55	1	55	6,705	33,807	33,994	99.7%	99.9%	4	12.42	55	
76	1	76	6,706	33,883	34,066	99.9%	100.0%	71	12.42	887	
86	1.4	120	6,707	34,004	34,090	100.0%	100.0%	24	12.42	298	
100	1	100	6,708	34,104	34,104	100.0%	100.0%	14	12.42	174	

Apr-2022 DOMESTIC

Block Limits

<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed Apr-2022
 Dmstc/Irr Dmstc
 Pilot Area Arbor Run



Arbor Run Dmstc	Sum of Bllld-Mns in Step	Usg on Bills in Step	220 Cum Num Bills	1,119 Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	1,119 Usg Bllld btwn Stps	Step Rate \$	5,742 Chrgs \$ in Step
0	4	0	4	0	0	0.0%	1.8%	0	4.14	0
1	6	6	10	6	216	19.3%	4.5%	216	4.14	894
2	20.1	40	30	46	426	38.1%	13.7%	210	4.14	869
3	40.1	120	70	167	616	55.1%	31.9%	190	4.14	786
4	42.7	171	113	337	766	68.4%	51.3%	150	4.14	620
5	38.1	191	151	528	873	78.0%	68.6%	107	6.21	665
6	22	132	173	660	942	84.2%	78.6%	69	6.21	428
7	13	91	186	751	989	88.4%	84.5%	47	6.21	292
8	15	120	201	871	1,023	91.4%	91.4%	34	6.21	211
9	5	45	206	916	1,042	93.1%	93.6%	19	9.32	177
10	3	30	209	946	1,056	94.4%	95.0%	14	9.32	130
11	2	22	211	968	1,067	95.4%	95.9%	11	9.32	103
12	2	24	213	992	1,076	96.2%	96.8%	9	9.32	84
13	1	13	214	1,005	1,083	96.8%	97.3%	7	9.32	65
14	2	28	216	1,033	1,089	97.3%	98.2%	6	9.32	56
18	1	18	217	1,051	1,105	98.7%	98.6%	16	11.65	186
20	1	20	218	1,071	1,111	99.3%	99.1%	6	12.42	75
23	1	23	219	1,094	1,117	99.8%	99.5%	6	12.42	75
25	1	25	220	1,119	1,119	100.0%	100.0%	2	12.42	25

Pilot Area	Arbor Run		220	1,119					1,119		5,742
Arbor Run Dmstc	Sum of	Usg on	Cum	Cum Usg	Cum	Cum	Pct of	Usg Bllid	Step	Chrgs \$	
Step (kGal)	Bllid-Mns	Bills in	Num	Bills to	Billed	Billed	Bills	btwn	Rate \$	in Step	
	in Step	Step	Bills	Step	Usage	Usg Pct		Stps			

Apr-2022 DOMESTIC

Block Limits

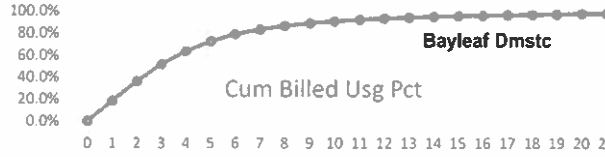
<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed Apr-2022
 Dmstc/lrr Dmstc
 Pilot Area Bayleaf



Step (kGal)	Sum of Bldd-Mns in Step	Usgr on Bills in Step	6,179 Cum Num Bills	31,256 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Cum Pct of Bills	31,256 Usgr Bldd btwn Stps	Step Rate \$	171,229 Chrgs \$ in Step
0	433	0	433	0	0	0.0%	7.0%	0	4.14	0
1	275.9	276	709	276	5,746	18.4%	11.5%	5,746	4.14	23,788
2	616.1	1,232	1,325	1,508	11,216	35.9%	21.4%	5,470	4.14	22,646
3	1037.4	3,112	2,362	4,620	16,070	51.4%	38.2%	4,854	4.14	20,095
4	1059.2	4,237	3,422	8,857	19,886	63.6%	55.4%	3,817	4.14	15,800
5	812	4,060	4,234	12,917	22,644	72.4%	68.5%	2,757	6.21	17,123
6	604.4	3,626	4,838	16,544	24,589	78.7%	78.3%	1,945	6.21	12,080
7	352.3	2,466	5,190	19,010	25,930	83.0%	84.0%	1,341	6.21	8,327
8	250.3	2,002	5,441	21,012	26,918	86.1%	88.1%	989	6.21	6,139
9	187.1	1,684	5,628	22,696	27,657	88.5%	91.1%	738	9.32	6,881
10	108	1,080	5,736	23,776	28,208	90.2%	92.8%	551	9.32	5,137
11	94.2	1,036	5,830	24,812	28,651	91.7%	94.4%	443	9.32	4,131
12	72	864	5,902	25,676	29,000	92.8%	95.5%	349	9.32	3,253
13	44	572	5,946	26,248	29,277	93.7%	96.2%	277	9.32	2,582
14	38	532	5,984	26,780	29,510	94.4%	96.8%	233	9.32	2,172
15	26	390	6,010	27,170	29,705	95.0%	97.3%	195	9.32	1,817
16	25	400	6,035	27,570	29,874	95.6%	97.7%	169	12.42	2,099
17	19	323	6,054	27,893	30,018	96.0%	98.0%	144	12.42	1,788
18	16	288	6,070	28,181	30,143	96.4%	98.2%	125	12.42	1,553
19	11	209	6,081	28,390	30,252	96.8%	98.4%	109	12.42	1,354
20	10.8	216	6,092	28,606	30,350	97.1%	98.6%	98	12.42	1,217
21	19	399	6,111	29,005	30,437	97.4%	98.9%	87	12.42	1,083
22	9	198	6,120	29,203	30,506	97.6%	99.0%	68	12.42	847
23	5	115	6,125	29,318	30,565	97.8%	99.1%	59	12.42	735
24	5.8	139	6,131	29,457	30,619	98.0%	99.2%	54	12.42	673
25	3	75	6,134	29,532	30,667	98.1%	99.3%	48	12.42	601
26	7	182	6,141	29,714	30,713	98.3%	99.4%	45	12.42	564
27	2	54	6,143	29,768	30,751	98.4%	99.4%	38	12.42	477
28	3	84	6,146	29,852	30,788	98.5%	99.5%	36	12.42	452
29	3	87	6,149	29,939	30,821	98.6%	99.5%	33	12.42	415
30	4	120	6,153	30,059	30,851	98.7%	99.6%	30	12.42	378
31	1	31	6,154	30,090	30,878	98.8%	99.6%	26	12.42	328
32	5	160	6,159	30,250	30,903	98.9%	99.7%	25	12.42	315
33	4	132	6,163	30,382	30,924	98.9%	99.7%	20	12.42	253
34	1	34	6,164	30,416	30,940	99.0%	99.8%	16	12.42	204
37	2	74	6,166	30,490	30,986	99.1%	99.8%	46	12.42	574
39	2	78	6,168	30,568	31,013	99.2%	99.8%	27	12.42	333
43	1	43	6,169	30,611	31,059	99.4%	99.8%	46	12.42	566
44	2	88	6,171	30,699	31,069	99.4%	99.9%	10	12.42	129
48	1	48	6,172	30,747	31,103	99.5%	99.9%	34	12.42	417

Pilot Area	Bayleaf		6,179	31,256					31,256	171,229	
Bayleaf Dmstc	Sum of	Usg on	Cum Num	Cum Usg	Cum	Cum	Pct of	Usg Bld	btwn	Step	Chrgs \$
Step (kGal)	Bld-Mns	Bills in	Bills	Bills to	Billed	Billed Usg	Bills	Stps	Rate \$	in Step	
	in Step	Step		Step	Usage	Pct					
51	1	51	6,173	30,798	31,125	99.6%	99.9%	22	12.42	276	
52	1	52	6,174	30,850	31,131	99.6%	99.9%	6	12.42	79	
54	1	54	6,175	30,904	31,142	99.6%	99.9%	11	12.42	134	
55	1	55	6,176	30,959	31,146	99.6%	99.9%	4	12.42	55	
76	1	76	6,177	31,035	31,218	99.9%	100.0%	71	12.42	887	
86	1.4	120	6,178	31,156	31,242	100.0%	100.0%	24	12.42	298	
100	1	100	6,179	31,256	31,256	100.0%	100.0%	14	12.42	174	

Apr-2022 DOMESTIC

Block Limits

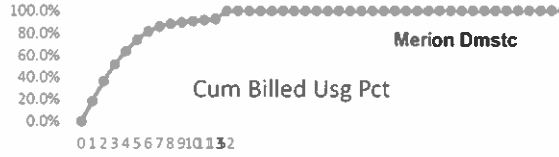
<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed Apr-2022
 Dmstc/Irr Dmstc
 Pilot Area Merion



Step (kGal)	Sum of Bllld-Mns in Step	Usq on Bills in Step	101 Cum Num Bills	535 Cum Usq Bills to Step	Cum Billed Usage	Cum Billed Usq Pct	Pct of Bills	535 Usq Bllld btwn Stps	Step Rate \$	2,925 Chrgs \$ in Step
0	3	0	3	0	0	0.0%	3.0%	0	4.14	0
1	2.2	2	5	2	98	18.3%	5.1%	98	4.14	407
2	14	28	19	30	194	36.3%	19.0%	96	4.14	397
3	17	51	36	81	276	51.6%	35.8%	82	4.14	339
4	9	36	45	117	341	63.8%	44.7%	65	4.14	269
5	17	85	62	202	397	74.2%	61.5%	56	6.21	348
6	15	90	77	292	436	81.5%	76.3%	39	6.21	242
7	11	77	88	369	460	86.0%	87.2%	24	6.21	149
8	6	48	94	417	473	88.4%	93.1%	13	6.21	81
9	1	9	95	426	480	89.7%	94.1%	7	9.32	65
10	2	20	97	446	486	90.8%	96.0%	6	9.32	56
11	1	11	98	457	490	91.6%	97.0%	4	9.32	37
13	2	26	100	483	496	92.7%	99.0%	6	9.32	56
52	1	52	101	535	535	100.0%	100.0%	39	12.26	478

Pilot Area	Merion		101	535					535	2,925
Merion Dmstc	Sum of	Usg on	Cum Num	Cum Usg	Cum	Cum	Pct of	Usg Bld	Step	Chrgs \$
Step (kGal)	Bld-Mns	Bills in	Bills	Bills to	Billed	Billed	Bills	btwn	Rate \$	in Step
	in Step	Step		Step	Usage	Usg Pct		Stps		

Apr-2022 DOMESTIC

Block Limits

<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed Apr-2022
 Dmstc/irr Dmstc
 Pilot Area Pebble Bay
 Pebble Bay Dmstc

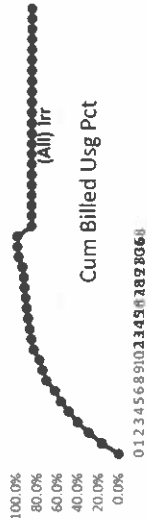


Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	209 Cum Num Bills	1,239 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	1,194 Usg Bld btwn Stps	Step Rate \$	6,701 Chrgs \$ in Step
0	7.7	0	8	0	0	0.0%	3.7%	0	4.14	0
1	5	5	13	5	202	16.3%	6.1%	202	4.14	835
2	12.4	25	25	30	398	32.1%	12.0%	197	4.14	814
3	21	63	46	93	582	47.0%	22.0%	184	4.14	763
4	32.5	130	79	223	746	60.2%	37.6%	163	4.14	676
5	36	180	115	403	876	70.7%	54.8%	131	6.21	812
6	28.7	172	143	575	971	78.4%	68.5%	95	6.21	588
7	17	119	160	694	1,037	83.7%	76.6%	66	6.21	410
8	14	112	174	806	1,086	87.7%	83.3%	49	6.21	304
9	7	63	181	869	1,121	90.5%	86.6%	35	9.32	326
10	6	60	187	929	1,149	92.7%	89.5%	28	9.32	261
11	6	66	193	995	1,171	94.5%	92.4%	22	9.32	205
12	3	36	196	1,031	1,187	95.8%	93.8%	16	9.32	149
13	4	52	200	1,083	1,200	96.9%	95.7%	13	9.32	121
14	3	42	203	1,125	1,209	97.6%	97.1%	9	9.32	84
15	1	15	204	1,140	1,215	98.1%	97.6%	6	9.32	56
16	1	16	205	1,156	1,220	98.5%	98.1%	5	12.42	62
17	1	17	206	1,173	1,224	98.8%	98.6%	4	12.42	50
20	1	20	207	1,193	1,233	99.5%	99.0%	9	12.42	112
21	1	21	208	1,214	1,235	99.7%	99.5%	2	12.42	25
25	1	25	209	1,239	1,239	100.0%	100.0%	4	12.42	50
45	-1	-45	208	1,194	1,239	100.0%	99.5%	0	12.42	0

Pilot Area	Pebble Bay										
Pebble Bay Dmstc			209	1,239					1,194		6,701
		Usg on	Cum Num	Cum Usg	Cum	Cum			Usg Bld		
	Sum of Bld-	Bills in	Bills	Bills to	Billed	Billed Usg	Pct of		btwn	Step	Chrgs \$
Step (kGal)	Mns in Step	Step		Step	Usage	Pct	Bills		Stps	Rate \$	in Step

IRRIGATION

Apr-2022
Block Limits
<=15,000
>15,000

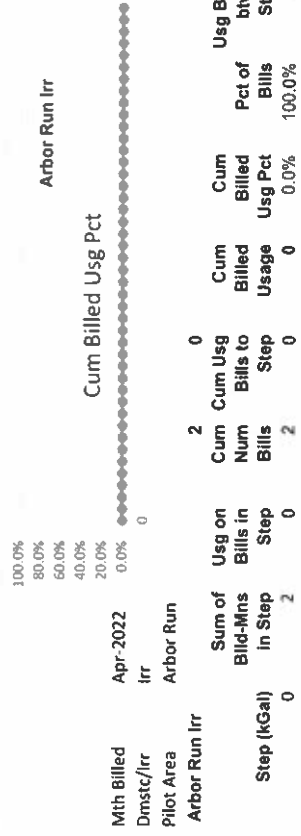


Mth Billed Apr-2022
Dmstc/Irr Irr
0 Pilot Area (All)
(All) Irr

Step (kGal)	Sum of Bldd-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Step	Cum Billed Usg	Cum Billed Usg Pct	Usg Bldd btwn Stps	Pct of Bills	Chrgs \$ in Step
0	196.7	0	197	0	0	0.0%	0	70.5%	0
1	17	17	214	17	82	16.6%	82	9.32	766
2	11.1	22	225	39	147	29.7%	65	9.32	608
3	11	33	236	72	202	40.6%	54	9.32	504
4	5	20	241	92	245	49.3%	43	9.32	402
5	10	50	251	142	283	57.0%	38	9.32	355
6	7.1	43	258	185	311	62.7%	28	9.32	262
8	2	16	260	201	353	71.2%	42	9.32	391
9	3	27	263	228	372	75.0%	19	9.32	177
10	2	20	265	248	388	78.2%	16	9.32	149
12	3	36	268	284	416	83.9%	28	9.32	261
13	2	26	270	310	427	86.1%	11	9.32	103
14	1	14	271	324	438	87.9%	9	9.32	84
15	1	15	272	339	444	89.5%	8	9.32	75
16	1	16	273	355	451	90.9%	7	12.42	87
17	1	17	274	372	457	92.1%	6	12.42	75
18	1	18	275	390	462	93.1%	5	12.42	62
19	1	19	276	409	468	93.9%	4	12.42	50
21	1	21	277	430	472	95.2%	6	12.42	75
30	1	30	278	460	490	98.8%	18	12.42	224
36	1	36	279	496	496	100.0%	6	12.42	75
68	-1	-68	278	428	498	100.0%	0	12.42	0

Apr-2022 IRRIGATION

Block Limits
<=15,000
>15,000



Mth Billed	Apr-2022	Arbor Run Irr	Sum of Bld-Mns In Step	Usq on Bills in Step	Cum Num Bills	Cum Usq Bills to Step	Cum Billed Usage	Cum Usq Pct	Pct of Bills	Usq Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
Dnstrc/Irr			2	0	2	0	0.0%	100.0%	0	0	9.32	0
Pilot Area												
Arbor Run Irr												

Apr-2022 IRRIGATION

Block Limits
 <=15,000
 >15,000



Mth Billed Apr-2022
 Dmstc/Irr Irr
 Pilot Area Bayleaf
 Bayleaf Irr

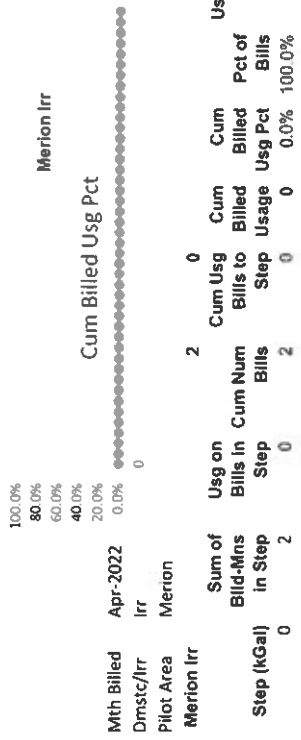
Step (kGal)	Sum of Bld-Mns in Step	Usq on Bills in Step	Cum Num Bills	Cum Usq to Bills	Cum Usq Pct	Pct of Bills	Usq Bld btwn Steps	Step Rate \$	Chrgs \$ in Step
0	192.7	0	193	0	0.0%	71.4%	0	9.32	0
1	16	16	209	16	77.3%	77.3%	77	9.32	720
2	10.1	20	219	36	81.1%	81.1%	61	9.32	570
3	10	30	229	66	84.8%	84.8%	51	9.32	476
4	5	20	234	86	86.6%	86.6%	41	9.32	383
5	10	50	244	136	90.3%	90.3%	36	9.32	336
6	6.1	37	250	173	92.6%	92.6%	26	9.32	243
8	2	16	252	189	93.3%	93.3%	40	9.32	373
9	3	27	255	216	94.4%	94.4%	18	9.32	168
10	2	20	257	236	95.2%	95.2%	15	9.32	140
12	3	36	260	272	96.3%	96.3%	26	9.32	242
13	2	26	262	298	97.0%	97.0%	10	9.32	93
14	1	14	263	312	97.4%	97.4%	8	9.32	75
15	1	15	264	327	97.8%	97.8%	7	9.32	65
16	1	16	265	343	98.1%	98.1%	6	12.42	75
17	1	17	266	360	98.5%	98.5%	5	12.42	62
18	1	18	267	378	98.9%	98.9%	4	12.42	50
21	1	21	268	399	99.3%	99.3%	9	12.42	112
30	1	30	269	429	99.6%	99.6%	18	12.42	224
36	1	36	270	465	100.0%	100.0%	6	12.42	75

Apr-2022 IRRIGATION

Block Limits

<=15,000

>15,000



Mth Billed	Apr-2022	Sum of	Usq on	Cum Num	Cum Usq	Cum	Usq Bld	Step	Step	Chrgs \$
Dmstc/Irr	Irr	Blid-Mns	Blis in	Blis	Blis to	Usage	btwn	Rate \$	in Step	
Pilot Area	Merion	In Step	Step	2	0	0	Stps	9.32		
Merion Irr										
		2	0	2	0	0	0	0	0	0

Apr-2022 IRRIGATION

Block Limits
 <=15,000
 >15,000



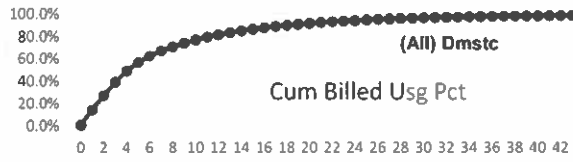
Mth Billed Apr-2022
 Dmstc/Irr Irr
 Pilot Area Pebble Bay
 Pebble Bay Irr

Step (KGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usq Step	Cum Billed Usage	Cum Billed Usq Pct	Pct of Bills	Usg Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	0	0	0	0	0	0.0%	0.0%	0	9.32	0
1	1	1	1	1	5	16.1%	20.0%	5	9.32	47
2	1	2	2	3	9	29.0%	40.0%	4	9.32	37
3	1	3	3	6	12	38.7%	60.0%	3	9.32	28
6	1	6	4	12	18	58.1%	80.0%	6	9.32	56
19	1	19	5	31	31	100.0%	100.0%	13	10.27	134
68	-1	-68	4	-37	31	100.0%	80.0%	0	12.42	0
			5	31				-37		301

May-2022 DOMESTIC
 Block Limits
 <=4,000
 4-8kGals
 8-15kGals
 >15,000

Mth Billed May-2022
 Dmstc/Irr Dmstc
 Pilot Area (All)

Quantizing (rounding) into Steps results in Charge differences



Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	6,728 Cum Num Bills	45,608 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	45,608 Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	448.4	0	448	0	0	0.0%	6.7%	0	4.14	0
1	273.1	273	722	273	6,280	13.8%	10.7%	6,280	4.14	25,999
2	579.8	1,160	1,301	1,433	12,287	26.9%	19.3%	6,007	4.14	24,868
3	923.9	2,772	2,225	4,204	17,714	38.8%	33.1%	5,427	4.14	22,468
4	973.9	3,896	3,199	8,100	22,217	48.7%	47.5%	4,503	4.14	18,643
5	795.1	3,976	3,994	12,076	25,746	56.5%	59.4%	3,529	6.21	21,916
6	575.4	3,452	4,570	15,528	28,480	62.4%	67.9%	2,734	6.21	16,979
7	397.2	2,780	4,967	18,308	30,639	67.2%	73.8%	2,159	6.21	13,406
8	280.2	2,242	5,247	20,550	32,400	71.0%	78.0%	1,762	6.21	10,939
9	214	1,926	5,461	22,476	33,882	74.3%	81.2%	1,481	9.32	13,806
10	167	1,670	5,628	24,146	35,149	77.1%	83.6%	1,267	9.32	11,811
11	136	1,496	5,764	25,642	36,249	79.5%	85.7%	1,100	9.32	10,255
12	127.1	1,525	5,891	27,167	37,214	81.6%	87.6%	964	9.32	8,987
13	92.7	1,205	5,984	28,372	38,051	83.4%	88.9%	837	9.32	7,803
14	93.3	1,306	6,077	29,678	38,795	85.1%	90.3%	745	9.32	6,939
15	71	1,065	6,148	30,743	39,446	86.5%	91.4%	651	9.32	6,069
16	59	944	6,207	31,687	40,027	87.8%	92.3%	580	12.42	7,206
17	53.9	916	6,261	32,604	40,548	88.9%	93.1%	521	12.42	6,473
18	55.3	995	6,316	33,599	41,015	89.9%	93.9%	467	12.42	5,804
19	37	703	6,353	34,302	41,427	90.8%	94.4%	412	12.42	5,117
20	39	780	6,392	35,082	41,802	91.7%	95.0%	375	12.42	4,658
21	38.1	800	6,430	35,882	42,138	92.4%	95.6%	336	12.42	4,173
22	31	682	6,461	36,564	42,436	93.0%	96.0%	298	12.42	3,700
23	30	690	6,491	37,254	42,703	93.6%	96.5%	267	12.42	3,315
24	16	384	6,507	37,638	42,940	94.1%	96.7%	237	12.42	2,942
25	19	475	6,526	38,113	43,161	94.6%	97.0%	221	12.42	2,744
26	16.2	421	6,543	38,534	43,363	95.1%	97.2%	202	12.42	2,508
27	14	378	6,557	38,912	43,548	95.5%	97.4%	186	12.42	2,306
28	20	560	6,577	39,472	43,720	95.9%	97.7%	172	12.42	2,133
29	23	667	6,600	40,139	43,872	96.2%	98.1%	152	12.42	1,884
30	8	240	6,608	40,379	44,000	96.5%	98.2%	129	12.42	1,598
31	10	310	6,618	40,689	44,121	96.7%	98.4%	121	12.42	1,499
32	10	320	6,628	41,009	44,232	97.0%	98.5%	111	12.42	1,375
33	11	363	6,639	41,372	44,333	97.2%	98.7%	101	12.42	1,251
34	10	340	6,649	41,712	44,422	97.4%	98.8%	90	12.42	1,114
35	3.1	109	6,652	41,821	44,502	97.6%	98.9%	80	12.42	990
36	6	216	6,658	42,037	44,579	97.7%	99.0%	77	12.42	951
37	8	296	6,666	42,333	44,649	97.9%	99.1%	71	12.42	877
38	7	266	6,673	42,599	44,712	98.0%	99.2%	63	12.42	777
39	7	273	6,680	42,872	44,767	98.2%	99.3%	56	12.42	691

0 Pilot Area (All) Dmstc			6,728	45,608				45,608	297,413	
Step (kGal)	Sum of Bllid-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bllid btwn Stps	Step Rate \$	Chrgs \$ in Step
40	5	200	6,685	43,072	44,816	98.3%	99.4%	49	12.42	604
41	3	123	6,688	43,195	44,860	98.4%	99.4%	44	12.42	542
42	3	126	6,691	43,321	44,900	98.4%	99.4%	41	12.42	504
43	3	129	6,694	43,450	44,938	98.5%	99.5%	38	12.42	467
44	3	132	6,697	43,582	44,972	98.6%	99.5%	35	12.42	430
46	2	92	6,699	43,674	45,036	98.7%	99.6%	63	12.42	785
48	1	48	6,700	43,722	45,095	98.9%	99.6%	59	12.42	735
49	2	98	6,702	43,820	45,123	98.9%	99.6%	29	12.42	355
50	3	150	6,705	43,970	45,150	99.0%	99.6%	27	12.42	330
51	1	51	6,706	44,021	45,174	99.0%	99.7%	24	12.42	293
52	1	52	6,707	44,073	45,196	99.1%	99.7%	23	12.42	281
53	3	159	6,710	44,232	45,218	99.1%	99.7%	22	12.42	268
55	2	110	6,712	44,342	45,255	99.2%	99.8%	37	12.42	462
56	3	168	6,715	44,510	45,272	99.3%	99.8%	17	12.42	206
59	1	59	6,716	44,569	45,312	99.4%	99.8%	41	12.42	507
60	1	60	6,717	44,629	45,325	99.4%	99.8%	13	12.42	156
61	1	61	6,718	44,690	45,337	99.4%	99.8%	12	12.42	144
67	2.4	161	6,720	44,851	45,400	99.5%	99.9%	64	12.42	790
69	1	69	6,721	44,920	45,417	99.6%	99.9%	16	12.42	204
70	1	70	6,722	44,990	45,424	99.6%	99.9%	7	12.42	89
76	1	76	6,723	45,066	45,461	99.7%	99.9%	37	12.42	462
81	1	81	6,724	45,147	45,487	99.7%	99.9%	26	12.42	323
89	1	89	6,725	45,236	45,521	99.8%	100.0%	34	12.42	417
92	1.1	101	6,726	45,337	45,530	99.8%	100.0%	10	12.42	119
95	1	95	6,727	45,432	45,536	99.8%	100.0%	6	12.42	78
160	1.1	176	6,728	45,608	45,608	100.0%	100.0%	71	12.42	888

May-2022 DOMESTIC

Block Limits

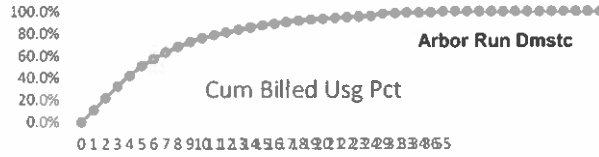
<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed May-2022
 Dmstc/Irr Dmstc
 Pilot Area Arbor Run



Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	2,031 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	2,031 Usg Bld btwn Stps	Step Rate \$	13,636 Chrgs \$ in Step
0	2.6	0	3	0	0	0.0%	1.2%	0	4.14	0
1	4	4	7	4	223	11.0%	2.9%	223	4.14	924
2	6	12	13	16	442	21.8%	5.6%	219	4.14	907
3	14	42	27	58	656	32.3%	11.8%	213	4.14	883
4	25	100	52	158	855	42.1%	22.9%	199	4.14	825
5	35	175	87	333	1,029	50.7%	38.4%	174	6.21	1,082
6	19	114	106	447	1,168	57.5%	46.8%	139	6.21	864
7	20.2	141	126	588	1,288	63.4%	55.7%	120	6.21	746
8	13	104	139	692	1,388	68.3%	61.5%	100	6.21	621
9	21	189	160	881	1,475	72.6%	70.8%	87	9.32	811
10	8	80	168	961	1,541	75.9%	74.3%	66	9.32	615
11	6	66	174	1,027	1,599	78.7%	77.0%	58	9.32	541
12	4	48	178	1,075	1,651	81.3%	78.7%	52	9.32	485
13	7	91	185	1,166	1,699	83.7%	81.8%	48	9.32	447
14	5	70	190	1,236	1,740	85.7%	84.1%	41	9.32	382
15	4	60	194	1,296	1,776	87.4%	85.8%	36	9.32	336
16	4	64	198	1,360	1,808	89.0%	87.6%	32	12.42	397
17	5	85	203	1,445	1,836	90.4%	89.8%	28	12.42	348
18	3	54	206	1,499	1,859	91.5%	91.1%	23	12.42	286
19	3	57	209	1,556	1,879	92.5%	92.5%	20	12.42	248
20	1	20	210	1,576	1,896	93.4%	92.9%	17	12.42	211
21	3	63	213	1,639	1,912	94.1%	94.2%	16	12.42	199
22	1	22	214	1,661	1,925	94.8%	94.7%	13	12.42	161
23	2	46	216	1,707	1,937	95.4%	95.6%	12	12.42	149
24	2	48	218	1,755	1,947	95.9%	96.5%	10	12.42	124
29	3	87	221	1,842	1,987	97.8%	97.8%	40	12.42	497
31	1	31	222	1,873	1,997	98.3%	98.2%	10	12.42	124
33	1	33	223	1,906	2,005	98.7%	98.7%	8	12.42	99
34	1	34	224	1,940	2,008	98.9%	99.1%	3	12.42	37
36	1	36	225	1,976	2,012	99.1%	99.6%	4	12.42	50
55	1	55	226	2,031	2,031	100.0%	100.0%	19	12.42	236

Pilot Area	Arbor Run										
Arbor Run Dmstc			226	2,031					2,031		13,636
	Sum of	Usg on	Cum	Cum Usg	Cum	Cum		Usg Bld			
	Bld-Mns	Bills in	Num	Bills to	Billed	Billed	Pct of	btwn	Step	Chrgs \$	
	in Step	Step	Bills	Step	Usage	Usg Pct	Bills	Stps	Rate \$	in Step	
	Step (kGal)										

May-2022 DOMESTIC

Block Limits

<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed May-2022
Dmstc/Irr Dmstc
Pilot Area Bayleaf



Step (kGal)	Sum of Bldd-Mns in Step	Usg on Bills in Step	6,198 Cum Num Bills	41,166 Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	41,166 Usg Bldd btwn Stps	Step Rate \$	267,934 Chrgs \$ in Step
0	437.8	0	438	0	0	0.0%	7.1%	0	4.14	0
1	261.2	261	699	261	5,760	14.0%	11.3%	5,760	4.14	23,848
2	551.8	1,104	1,251	1,365	11,259	27.4%	20.2%	5,499	4.14	22,766
3	877.9	2,634	2,129	3,999	16,207	39.4%	34.3%	4,947	4.14	20,482
4	899.9	3,600	3,029	7,598	20,276	49.3%	48.9%	4,069	4.14	16,847
5	735.1	3,676	3,764	11,274	23,446	57.0%	60.7%	3,170	6.21	19,683
6	532.4	3,194	4,296	14,468	25,880	62.9%	69.3%	2,434	6.21	15,118
7	356	2,492	4,652	16,960	27,782	67.5%	75.1%	1,902	6.21	11,811
8	248.2	1,986	4,900	18,946	29,328	71.2%	79.1%	1,546	6.21	9,601
9	178	1,602	5,078	20,548	30,626	74.4%	81.9%	1,298	9.32	12,095
10	143	1,430	5,221	21,978	31,746	77.1%	84.2%	1,120	9.32	10,437
11	126	1,386	5,347	23,364	32,722	79.5%	86.3%	977	9.32	9,104
12	116.1	1,393	5,463	24,757	33,573	81.6%	88.1%	851	9.32	7,929
13	79	1,027	5,542	25,784	34,308	83.3%	89.4%	735	9.32	6,847
14	81	1,134	5,623	26,918	34,964	84.9%	90.7%	656	9.32	6,111
15	57	855	5,680	27,773	35,538	86.3%	91.6%	575	9.32	5,356
16	55	880	5,735	28,653	36,056	87.6%	92.5%	518	12.42	6,430
17	47	799	5,782	29,452	36,519	88.7%	93.3%	463	12.42	5,747
18	49.7	895	5,832	30,346	36,934	89.7%	94.1%	416	12.42	5,163
19	27	513	5,859	30,859	37,300	90.6%	94.5%	366	12.42	4,546
20	37	740	5,896	31,599	37,639	91.4%	95.1%	339	12.42	4,210
21	32.1	674	5,928	32,274	37,941	92.2%	95.6%	302	12.42	3,751
22	26	572	5,954	32,846	38,211	92.8%	96.1%	270	12.42	3,352
23	28	644	5,982	33,490	38,455	93.4%	96.5%	244	12.42	3,029
24	12	288	5,994	33,778	38,671	93.9%	96.7%	216	12.42	2,681
25	19	475	6,013	34,253	38,875	94.4%	97.0%	204	12.42	2,532
26	14.2	369	6,027	34,622	39,060	94.9%	97.2%	185	12.42	2,296
27	13	351	6,040	34,973	39,231	95.3%	97.5%	171	12.42	2,120
28	20	560	6,060	35,533	39,388	95.7%	97.8%	158	12.42	1,959
29	20	580	6,080	36,113	39,526	96.0%	98.1%	138	12.42	1,710
30	8	240	6,088	36,353	39,644	96.3%	98.2%	118	12.42	1,462
31	8	248	6,096	36,601	39,753	96.6%	98.4%	110	12.42	1,362
32	9	288	6,105	36,889	39,855	96.8%	98.5%	102	12.42	1,263
33	10	330	6,115	37,219	39,948	97.0%	98.7%	93	12.42	1,151
34	8	272	6,123	37,491	40,031	97.2%	98.8%	83	12.42	1,027
35	3.1	109	6,127	37,599	40,105	97.4%	98.8%	75	12.42	928
36	5	180	6,132	37,779	40,177	97.6%	98.9%	72	12.42	889
37	8	296	6,140	38,075	40,243	97.8%	99.1%	67	12.42	827
38	7	266	6,147	38,341	40,302	97.9%	99.2%	59	12.42	728
39	5	195	6,152	38,536	40,354	98.0%	99.2%	52	12.42	641

Pilot Area	Bayleaf		6,198	41,166				41,166	267,934	
Bayleaf Dmstc	Sum of	Usg on	Cum Num	Cum Usg	Cum	Cum	Pct of	Usg Bldd	Step	Chrgs \$
Step (kGal)	Bld-Mns	Bills in	Bills	Bills to	Billed	Billed	Bills	btwn	Rate \$	in Step
	in Step	Step		Step	Usage	Usg Pct		Stps		
40	5	200	6,157	38,736	40,400	98.1%	99.3%	47	12.42	579
41	3	123	6,160	38,859	40,442	98.2%	99.4%	42	12.42	517
42	3	126	6,163	38,985	40,480	98.3%	99.4%	39	12.42	479
43	3	129	6,166	39,114	40,516	98.4%	99.5%	36	12.42	442
44	3	132	6,169	39,246	40,549	98.5%	99.5%	33	12.42	405
46	2	92	6,171	39,338	40,608	98.6%	99.6%	59	12.42	735
48	1	48	6,172	39,386	40,663	98.8%	99.6%	55	12.42	686
49	2	98	6,174	39,484	40,690	98.8%	99.6%	27	12.42	330
50	3	150	6,177	39,634	40,714	98.9%	99.7%	25	12.42	306
52	1	52	6,178	39,686	40,757	99.0%	99.7%	43	12.42	537
53	3	159	6,181	39,845	40,778	99.1%	99.7%	21	12.42	256
55	1	55	6,182	39,900	40,813	99.1%	99.7%	35	12.42	437
56	3	168	6,185	40,068	40,830	99.2%	99.8%	17	12.42	206
59	1	59	6,186	40,127	40,871	99.3%	99.8%	41	12.42	507
60	1	60	6,187	40,187	40,883	99.3%	99.8%	13	12.42	156
61	1	61	6,188	40,248	40,895	99.3%	99.8%	12	12.42	144
67	2.4	161	6,190	40,409	40,958	99.5%	99.9%	64	12.42	790
69	1	69	6,191	40,478	40,975	99.5%	99.9%	16	12.42	204
70	1	70	6,192	40,548	40,982	99.6%	99.9%	7	12.42	89
76	1	76	6,193	40,624	41,019	99.6%	99.9%	37	12.42	462
81	1	81	6,194	40,705	41,045	99.7%	99.9%	26	12.42	323
89	1	89	6,195	40,794	41,079	99.8%	99.9%	34	12.42	417
92	1.1	101	6,196	40,895	41,088	99.8%	100.0%	10	12.42	119
95	1	95	6,197	40,990	41,095	99.8%	100.0%	6	12.42	78
160	1.1	176	6,198	41,166	41,166	100.0%	100.0%	71	12.42	888

May-2022 DOMESTIC

Block Limits

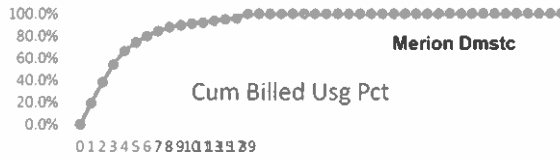
<=4,000

4-8kGals

8-15kGals

>15,000

Mth Billed May-2022
 Dmstc/Irr Dmstc
 Pilot Area Merion

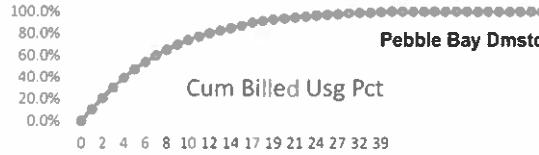


Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	102 Cum Num Bills	508 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	508 Usgr Bld btwn Stps	Step Rate \$	2,725 Chrgs \$ in Step
0	4	0	4	0	0	0.0%	3.9%	0	4.14	0
1	2	2	6	2	98	19.3%	5.9%	98	4.14	406
2	15	30	21	32	194	38.2%	20.6%	96	4.14	397
3	18	54	39	86	275	54.1%	38.2%	81	4.14	335
4	24	96	63	182	338	66.5%	61.8%	63	4.14	261
5	10	50	73	232	377	74.2%	71.6%	39	6.21	242
6	5	30	78	262	406	79.9%	76.5%	29	6.21	180
7	7	49	85	311	430	84.6%	83.3%	24	6.21	149
8	8	64	93	375	447	88.0%	91.2%	17	6.21	106
9	2	18	95	393	456	89.8%	93.1%	9	9.32	84
10	2	20	97	413	463	91.1%	95.1%	7	9.32	65
11	1	11	98	424	468	92.1%	96.1%	5	9.32	47
13	1	13	99	437	476	93.7%	97.1%	8	9.32	75
15	1	15	100	452	482	94.9%	98.0%	6	9.32	56
17	1	17	101	469	486	95.7%	99.0%	4	12.42	50
39	1	39	102	508	508	100.0%	100.0%	22	12.42	273

Pilot Area	Merion		102	508					508	2,725	
Merion Dmstc	Sum of	Usg on	Cum Num	Cum Usg	Cum	Cum	Pct of	Usg Bld	btwn	Step	Chrgs \$
Step (kGal)	Bld-Mns	Bills in	Bills	Bills to	Billed	Billed	Bills	Stps	Rate \$	in Step	
	in Step	Step		Step	Usage	Usg Pct					

May-2022 DOMESTIC
 Block Limits
 <=4,000
 4-8kGals
 8-15kGals
 >15,000

Mth Billed May-2022
 Dmstc/Irr Dmstc
 Pilot Area Pebble Bay
 Pebble Bay Dmstc

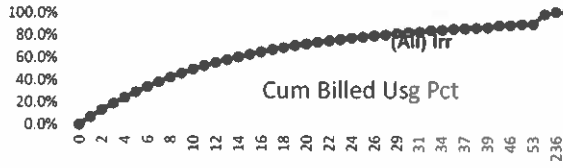


Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	202 Cum Num Bills	1,902 Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	1,902 Usg Bld btwn Stps	Step Rate \$	13,118 Chrgs \$ in Step
0	4	0	4	0	0	0.0%	2.0%	0	4.14	0
1	5.9	6	10	6	198	10.4%	4.9%	198	4.14	821
2	7	14	17	20	391	20.5%	8.3%	193	4.14	797
3	14	42	31	62	576	30.3%	15.3%	186	4.14	768
4	25	100	56	162	748	39.3%	27.6%	172	4.14	710
5	15	75	71	237	894	47.0%	35.0%	147	6.21	910
6	19	114	90	351	1,026	53.9%	44.4%	132	6.21	817
7	14	98	104	449	1,138	59.8%	51.3%	113	6.21	699
8	11	88	115	537	1,237	65.0%	56.8%	99	6.21	612
9	13	117	128	654	1,324	69.6%	63.2%	88	9.32	816
10	14	140	142	794	1,399	73.5%	70.1%	75	9.32	694
11	3	33	145	827	1,459	76.7%	71.6%	61	9.32	564
12	7	84	152	911	1,517	79.7%	75.0%	58	9.32	536
13	5.7	74	158	985	1,567	82.4%	77.9%	51	9.32	471
14	7.3	102	165	1,087	1,612	84.8%	81.5%	45	9.32	418
15	9	135	174	1,222	1,650	86.7%	85.9%	38	9.32	350
17	0.9	15	175	1,238	1,707	89.7%	86.4%	57	12.42	708
18	2.6	47	177	1,284	1,734	91.2%	87.6%	28	12.42	343
19	7	133	184	1,417	1,759	92.5%	91.1%	25	12.42	311
20	1	20	185	1,437	1,777	93.4%	91.6%	18	12.42	224
21	3	63	188	1,500	1,794	94.3%	93.1%	17	12.42	211
22	4	88	192	1,588	1,808	95.1%	95.1%	14	12.42	174
24	2	48	194	1,636	1,828	96.1%	96.0%	20	12.42	248
26	2	52	196	1,688	1,844	97.0%	97.0%	16	12.42	199
27	1	27	197	1,715	1,850	97.3%	97.5%	6	12.42	75
31	1	31	198	1,746	1,870	98.3%	98.0%	20	12.42	248
32	1	32	199	1,778	1,874	98.5%	98.5%	4	12.42	50
34	1	34	200	1,812	1,880	98.8%	99.0%	6	12.42	75
39	1	39	201	1,851	1,890	99.4%	99.5%	10	12.42	124
51	1	51	202	1,902	1,902	100.0%	100.0%	12	12.42	149

Pilot Area	Pebble Bay										
Pebble Bay Dmstc			202	1,902					1,902		13,118
		Usg on		Cum Usg	Cum	Cum		Usg Bllld			
	Sum of Bllld-	Bllls in	Cum Num	Bllls to	Billed	Billed	Pct of	btwn	Step	Chrgs \$	
Step (kGal)	Mns in Step	Step	Bllls	Step	Usage	Usg Pct	Bllls	Stps	Rate \$	in Step	

May-2022 IRRIGATION
 Block Limits
 <=15,000
 >15,000

Quantizing (rounding) into Steps results in Charge differences



Mth Billed May-2022
 Dmstc/Irr Irr
 0 Pilot Area (All)
 (All) Irr

Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	98	0	98	0	0	0.0%	34.3%	0	9.32	0
1	7.7	8	106	8	188	6.6%	37.0%	188	9.32	1,748
2	18.1	36	124	44	367	13.0%	43.4%	180	9.32	1,676
3	8	24	132	68	529	18.7%	46.2%	162	9.32	1,507
4	13.3	53	145	121	683	24.1%	50.8%	154	9.32	1,432
5	8	40	153	161	823	29.1%	53.6%	140	9.32	1,309
6	11	66	164	227	956	33.8%	57.5%	132	9.32	1,234
7	7.9	55	172	282	1,077	38.1%	60.2%	121	9.32	1,131
8	6	48	178	330	1,190	42.1%	62.3%	114	9.32	1,058
9	8	72	186	402	1,298	45.9%	65.1%	108	9.32	1,002
10	11.8	118	198	520	1,397	49.4%	69.3%	100	9.32	927
11	7	77	205	597	1,485	52.5%	71.7%	88	9.32	817
12	8	96	213	693	1,566	55.3%	74.5%	81	9.32	752
13	6	78	219	771	1,639	57.9%	76.6%	73	9.32	678
14	3	42	222	813	1,705	60.3%	77.7%	67	9.32	622
15	0.9	14	223	827	1,769	62.5%	78.0%	64	9.32	594
16	4	64	227	891	1,832	64.7%	79.4%	63	12.42	780
17	7.8	133	235	1,024	1,891	66.8%	82.1%	59	12.42	730
18	4	72	239	1,096	1,942	68.6%	83.5%	51	12.42	633
19	4	76	243	1,172	1,989	70.3%	84.9%	47	12.42	584
20	2	40	245	1,212	2,032	71.8%	85.6%	43	12.42	534
21	5	105	250	1,317	2,073	73.2%	87.4%	41	12.42	509
22	2	44	252	1,361	2,109	74.5%	88.1%	36	12.42	447
23	4	92	256	1,453	2,143	75.7%	89.5%	34	12.42	422
24	2	48	258	1,501	2,173	76.8%	90.2%	30	12.42	373
25	3	75	261	1,576	2,201	77.8%	91.2%	28	12.42	348
26	2	52	263	1,628	2,226	78.7%	91.9%	25	12.42	311
27	2	54	265	1,682	2,249	79.5%	92.6%	23	12.42	286
29	1	29	266	1,711	2,291	81.0%	93.0%	42	12.42	522
30	3	90	269	1,801	2,311	81.7%	94.0%	20	12.42	248
31	1	31	270	1,832	2,328	82.3%	94.4%	17	12.42	211
33	1	33	271	1,865	2,360	83.4%	94.7%	32	12.42	397
34	1	34	272	1,899	2,375	83.9%	95.1%	15	12.42	186
36	1	36	273	1,935	2,403	84.9%	95.4%	28	12.42	348
37	1	37	274	1,972	2,416	85.4%	95.8%	13	12.42	161
38	1	38	275	2,010	2,428	85.8%	96.1%	12	12.42	149
39	3	117	278	2,127	2,439	86.2%	97.2%	11	12.42	137
45	2	90	280	2,217	2,487	87.9%	97.9%	48	12.42	596
46	2	92	282	2,309	2,493	88.1%	98.6%	6	12.42	75
52	1	52	283	2,361	2,517	88.9%	98.9%	24	12.42	298

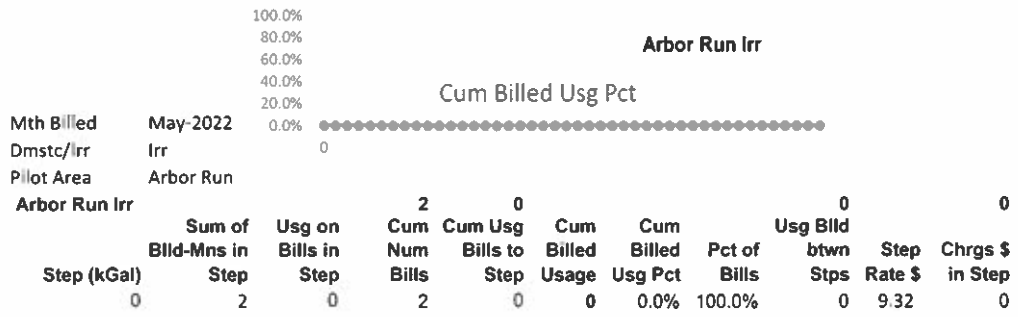
0 Pilot Area (All) Irr	(All)		286	2,830					2,830	29,659
Step (kGal)	Sum of Bil'd-Mns in Step	Us'g on Bills in Step	Cum Num Bills	Cum Us'g Bills to Step	Cum Billed Usage	Cum Billed Us'g Pct	Pct of Bills	Us'g B'ld btwn Stps	Step Rate \$	Chrgs \$ in Step
53	1	53	284	2,414	2,520	89.0%	99.3%	3	12.42	37
180	1	180	285	2,594	2,774	98.0%	99.6%	254	12.42	3,155
236	1	236	286	2,830	2,830	100.0%	100.0%	56	12.42	696

May-2022 IRRIGATION

Block Limits

<=15,000

>15,000



Mth Billed	May-2022	0	0	0	0	0	0	0	0	0
Dmstc/Irr	Irr	0	0	0	0	0	0	0	0	0
Pilot Area	Arbor Run	0	0	0	0	0	0	0	0	0
Arbor Run Irr	Arbor Run	0	0	0	0	0	0	0	0	0
Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	2	0	2	0	0	0.0%	100.0%	0	9.32	0

Pilot Area	Arbor Run		2	0					0		0
Arbor Run Irr	Sum of	Usg on	Cum	Cum Usg	Cum	Cum	Pct of	Usg Bld	Step	Chrgs \$	
Step (kGal)	Bld-Mns in	Bills in	Num	Bills to	Billed	Billed	Bills	btwn	Rate \$	in Step	
	Step	Step	Bills	Step	Usage	Usg Pct		Stps			

May-2022 IRRIGATION
 Block Limits
 <=15,000
 >15,000



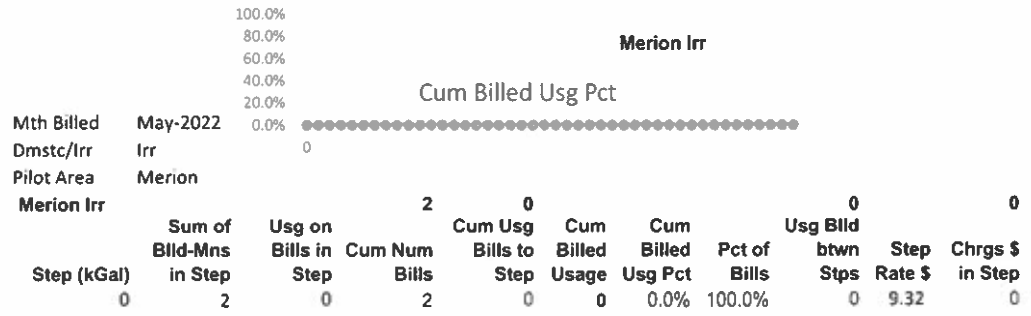
Mth Billed May-2022
 Dmstc/Irr Irr
 Pilot Area Bayleaf
 Bayleaf Irr

Step (kGal)	Sum of Bldd-Mns in Step	Usg on Bills in Step	278 Cum Num Bills	2,789 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	2,789 Usg Bldd btwn Stps	Step Rate \$	29,237 Chrgs \$ in Step
0	94	0	94	0	0	0.0%	33.9%	0	9.32	0
1	6.7	7	101	7	184	6.6%	36.3%	184	9.32	1,711
2	18.1	36	119	43	361	12.9%	42.8%	177	9.32	1,649
3	8	24	127	67	519	18.6%	45.7%	159	9.32	1,480
4	13.3	53	140	120	670	24.0%	50.5%	151	9.32	1,405
5	6	30	146	150	808	29.0%	52.6%	138	9.32	1,282
6	11	66	157	216	939	33.7%	56.6%	132	9.32	1,226
7	8	56	165	272	1,060	38.0%	59.5%	121	9.32	1,123
8	6	48	171	320	1,172	42.0%	61.6%	113	9.32	1,049
9	8	72	179	392	1,279	45.8%	64.5%	107	9.32	993
10	11.8	118	191	510	1,377	49.4%	68.8%	99	9.32	918
11	7	77	198	587	1,464	52.5%	71.3%	87	9.32	808
12	8	96	206	683	1,544	55.3%	74.2%	80	9.32	743
13	6	78	212	761	1,615	57.9%	76.3%	72	9.32	668
14	3	42	215	803	1,681	60.3%	77.4%	66	9.32	612
15	0.9	14	216	817	1,744	62.5%	77.7%	63	9.32	584
16	4	64	220	881	1,805	64.7%	79.2%	62	12.42	768
17	7.8	133	228	1,013	1,863	66.8%	82.0%	58	12.42	718
18	4	72	232	1,085	1,913	68.6%	83.4%	50	12.42	621
19	4	76	236	1,161	1,959	70.2%	84.9%	46	12.42	571
20	2	40	238	1,201	2,001	71.7%	85.6%	42	12.42	522
21	5	105	243	1,306	2,041	73.2%	87.4%	40	12.42	497
22	2	44	245	1,350	2,076	74.4%	88.1%	35	12.42	435
23	4	92	249	1,442	2,109	75.6%	89.6%	33	12.42	410
24	2	48	251	1,490	2,138	76.7%	90.3%	29	12.42	360
25	3	75	254	1,565	2,165	77.6%	91.4%	27	12.42	335
26	2	52	256	1,617	2,189	78.5%	92.1%	24	12.42	298
27	2	54	258	1,671	2,211	79.3%	92.8%	22	12.42	273
29	1	29	259	1,700	2,251	80.7%	93.2%	40	12.42	497
30	2	60	261	1,760	2,270	81.4%	93.9%	19	12.42	236
31	1	31	262	1,791	2,287	82.0%	94.2%	17	12.42	211
33	1	33	263	1,824	2,319	83.1%	94.6%	32	12.42	397
34	1	34	264	1,858	2,334	83.7%	95.0%	15	12.42	186
36	1	36	265	1,894	2,362	84.7%	95.3%	28	12.42	348
37	1	37	266	1,931	2,375	85.2%	95.7%	13	12.42	161
38	1	38	267	1,969	2,387	85.6%	96.0%	12	12.42	149
39	3	117	270	2,086	2,398	86.0%	97.1%	11	12.42	137
45	2	90	272	2,176	2,446	87.7%	97.8%	48	12.42	596
46	2	92	274	2,268	2,452	87.9%	98.6%	6	12.42	75
52	1	52	275	2,320	2,476	88.8%	98.9%	24	12.42	298

Pilot Area	Bayleaf		278	2,789					2,789		29,237
Bayleaf Irr	Sum of Bld-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bld btwn Stps	Step Rate \$	Chrgs \$ in Step	
Step (kGal)	53	1	53	276	2,373	2,479	88.9%	99.3%	3	12.42	37
	180	1	180	277	2,553	2,733	98.0%	99.6%	254	12.42	3,155
	236	1	236	278	2,789	2,789	100.0%	100.0%	56	12.42	696

May-2022 IRRIGATION

Block Limits
 <=15,000
 >15,000

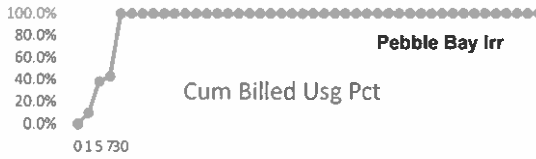


Mth Billed	May-2022									
Dmstc/Irr	Irr									
Pilot Area	Merion									
Merion Irr			2	0				0		0
Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	2	0	2	0	0	0.0%	100.0%	0	9.32	0

Pilot Area	Merion		2	0				0	0	
Merion Irr	Sum of Bld-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
Step (kGal)										

May-2022 IRRIGATION

Block Limits
 <=15,000
 >15,000



Mth Billed May-2022
 Dmstr/Irr Irr
 Pilot Area Pebble Bay
 Pebble Bay Irr

Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usg Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	0	0	0	0	0	0.0%	0.0%	0	9.32	0
1	1	1	1	1	4	9.7%	25.6%	4	9.32	36
5	2	10	3	11	16	38.5%	76.9%	12	9.32	108
7	-0.1	-1	3	10	17	42.9%	74.4%	2	9.32	17
30	1	30	4	40	40	100.0%	100.0%	23	11.34	261

Pilot Area	Pebble Bay										
Pebble Bay Irr			4	40					40		422
	Sum of Bld- Step (kGal)	Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bldd btwn Stps	Step Rate \$	Chrgs \$ in Step

Jun-2022 DOMESTIC

Block Limits

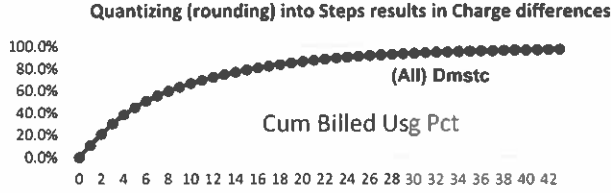
<=4,000

4-8kGals

8-15kGals

>15,000

Month Billed
Dmstc/Irr
0 Pilot Area
(All) Dmstc

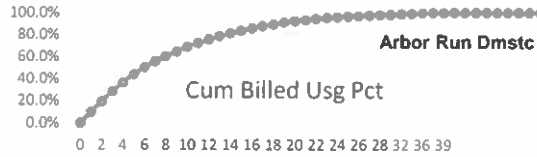


Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	6,684 Cum Num Bills	58,917 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	58,917 Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	416.2	0	416	0	0	0.0%	6.2%	0	4.14	0
1	244	244	660	244	6,268	10.6%	9.9%	6,268	4.14	25,950
2	476	952	1,136	1,196	12,292	20.9%	17.0%	6,024	4.14	24,940
3	758.8	2,276	1,895	3,472	17,840	30.3%	28.4%	5,548	4.14	22,969
4	784.2	3,137	2,679	6,609	22,630	38.4%	40.1%	4,789	4.14	19,828
5	651.2	3,256	3,330	9,865	26,635	45.2%	49.8%	4,005	6.21	24,872
6	518.7	3,112	3,849	12,977	29,989	50.9%	57.6%	3,354	6.21	20,828
7	394	2,758	4,243	15,735	32,824	55.7%	63.5%	2,835	6.21	17,607
8	282	2,256	4,525	17,991	35,265	59.9%	67.7%	2,441	6.21	15,160
9	228	2,052	4,753	20,043	37,424	63.5%	71.1%	2,159	9.32	20,124
10	174.7	1,747	4,928	21,790	39,355	66.8%	73.7%	1,931	9.32	17,999
11	163	1,793	5,091	23,583	41,112	69.8%	76.2%	1,757	9.32	16,371
12	159	1,908	5,250	25,491	42,705	72.5%	78.5%	1,594	9.32	14,851
13	128	1,664	5,378	27,155	44,140	74.9%	80.5%	1,435	9.32	13,370
14	131.1	1,835	5,509	28,991	45,446	77.1%	82.4%	1,306	9.32	12,177
15	115	1,725	5,624	30,716	46,622	79.1%	84.1%	1,175	9.32	10,955
16	95.7	1,531	5,720	32,247	47,682	80.9%	85.6%	1,060	12.42	13,170
17	79	1,343	5,799	33,590	48,647	82.6%	86.7%	965	12.42	11,982
18	70	1,260	5,869	34,850	49,533	84.1%	87.8%	886	12.42	11,000
19	84	1,596	5,953	36,446	50,348	85.5%	89.1%	816	12.42	10,131
20	82	1,640	6,035	38,086	51,080	86.7%	90.3%	732	12.42	9,088
21	59	1,239	6,094	39,325	51,730	87.8%	91.2%	650	12.42	8,069
22	57	1,254	6,151	40,579	52,320	88.8%	92.0%	591	12.42	7,336
23	47.2	1,086	6,198	41,665	52,854	89.7%	92.7%	534	12.42	6,629
24	47	1,128	6,245	42,793	53,341	90.5%	93.4%	487	12.42	6,042
25	38	950	6,283	43,743	53,780	91.3%	94.0%	440	12.42	5,459
26	41	1,066	6,324	44,809	54,182	92.0%	94.6%	402	12.42	4,987
27	38	1,026	6,362	45,835	54,542	92.6%	95.2%	361	12.42	4,477
28	39	1,092	6,401	46,927	54,865	93.1%	95.8%	323	12.42	4,005
29	23	667	6,424	47,594	55,148	93.6%	96.1%	284	12.42	3,521
30	20	600	6,444	48,194	55,409	94.0%	96.4%	261	12.42	3,235
31	21	651	6,465	48,845	55,649	94.5%	96.7%	241	12.42	2,987
32	22.2	710	6,487	49,555	55,869	94.8%	97.0%	220	12.42	2,726
33	18.6	614	6,506	50,169	56,066	95.2%	97.3%	197	12.42	2,450
34	9	306	6,515	50,475	56,245	95.5%	97.5%	179	12.42	2,219
35	17	595	6,532	51,070	56,414	95.8%	97.7%	170	12.42	2,108
36	12	432	6,544	51,502	56,567	96.0%	97.9%	153	12.42	1,897
37	10	370	6,554	51,872	56,708	96.2%	98.0%	141	12.42	1,747
38	9	342	6,563	52,214	56,838	96.5%	98.2%	131	12.42	1,623
39	12	468	6,575	52,682	56,960	96.7%	98.4%	122	12.42	1,512

0 Pilot Area (All) Dmstc	(All)		6,684	58,917				58,917	430,709	
40	6	240	6,581	52,922	57,070	96.9%	98.4%	110	12.42	1,362
41	7	287	6,588	53,209	57,174	97.0%	98.6%	104	12.42	1,288
42	5	210	6,593	53,419	57,270	97.2%	98.6%	97	12.42	1,201
43	6	258	6,599	53,677	57,362	97.4%	98.7%	92	12.42	1,139
44	7	308	6,606	53,985	57,448	97.5%	98.8%	86	12.42	1,064
45	3	135	6,609	54,120	57,526	97.6%	98.9%	79	12.42	977
46	2	92	6,611	54,212	57,602	97.8%	98.9%	76	12.42	940
47	1	47	6,612	54,259	57,676	97.9%	98.9%	74	12.42	915
48	3	144	6,615	54,403	57,748	98.0%	99.0%	73	12.42	903
49	6	294	6,621	54,697	57,818	98.1%	99.0%	70	12.42	866
50	3	150	6,624	54,847	57,882	98.2%	99.1%	64	12.42	791
51	2	102	6,626	54,949	57,943	98.3%	99.1%	61	12.42	754
52	5	260	6,631	55,209	58,001	98.4%	99.2%	59	12.42	729
53	6.2	329	6,637	55,537	58,055	98.5%	99.3%	54	12.42	667
54	5	270	6,642	55,807	58,102	98.6%	99.4%	48	12.42	590
55	4	220	6,646	56,027	58,145	98.7%	99.4%	43	12.42	528
56	2	112	6,648	56,139	58,183	98.8%	99.5%	39	12.42	478
57	6	342	6,654	56,481	58,220	98.8%	99.5%	37	12.42	453
58	3	174	6,657	56,655	58,250	98.9%	99.6%	31	12.42	379
60	2	120	6,659	56,775	58,305	99.0%	99.6%	55	12.42	683
61	1	61	6,660	56,836	58,331	99.0%	99.6%	26	12.42	317
64	3	192	6,663	57,028	58,404	99.1%	99.7%	74	12.42	913
66	2	132	6,665	57,160	58,447	99.2%	99.7%	43	12.42	534
67	1	67	6,666	57,227	58,467	99.2%	99.7%	20	12.42	242
68	1	68	6,667	57,295	58,485	99.3%	99.7%	19	12.42	230
69	2	138	6,669	57,433	58,503	99.3%	99.8%	18	12.42	217
72	3	216	6,672	57,649	58,549	99.4%	99.8%	47	12.42	578
74	0.5	37	6,672	57,686	58,574	99.4%	99.8%	25	12.42	311
76	3	228	6,675	57,914	58,598	99.5%	99.9%	24	12.42	298
77	1	77	6,676	57,991	58,607	99.5%	99.9%	9	12.42	112
86	1	86	6,677	58,077	58,679	99.6%	99.9%	72	12.42	894
90	1	90	6,678	58,167	58,707	99.6%	99.9%	28	12.42	348
100	2	200	6,680	58,367	58,767	99.7%	99.9%	60	12.42	745
102	1	102	6,681	58,469	58,775	99.8%	100.0%	8	12.42	99
134	1	134	6,682	58,603	58,871	99.9%	100.0%	96	12.42	1,192
135	1	135	6,683	58,738	58,873	99.9%	100.0%	2	12.42	25
179	1	179	6,684	58,917	58,917	100.0%	100.0%	44	12.42	546

Jun-2022 DOMESTIC
 Block Limits
 <=4,000
 4-8kGals
 8-15kGals
 >15,000

Month Billed Jun-2022
 Dmstc/Irr Dmstc
 Pilot Area Arbor Run



Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	225 Cum Num Bills	2,336 Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	2,336 Usg Bld btwn Stps	Step Rate \$	16,842 Chrgs \$ in Step
0	1	0	1	0	0	0.0%	0.4%	0	4.14	0
1	4	4	5	4	224	9.6%	2.2%	224	4.14	928
2	7.4	15	12	19	444	19.0%	5.5%	220	4.14	912
3	23	69	35	88	657	28.1%	15.7%	213	4.14	881
4	17.2	69	53	157	847	36.3%	23.4%	190	4.14	786
5	24	120	77	277	1,020	43.6%	34.0%	173	6.21	1,072
6	22.7	136	99	413	1,168	50.0%	44.1%	149	6.21	923
7	15	105	114	518	1,294	55.4%	50.8%	126	6.21	782
8	10	80	124	598	1,405	60.1%	55.2%	111	6.21	689
9	5	45	129	643	1,506	64.5%	57.4%	101	9.32	940
10	10	100	139	743	1,602	68.6%	61.9%	96	9.32	894
11	9	99	148	842	1,688	72.2%	65.9%	86	9.32	801
12	8	96	156	938	1,765	75.5%	69.4%	77	9.32	717
13	6	78	162	1,016	1,834	78.5%	72.1%	69	9.32	642
14	8	112	170	1,128	1,896	81.2%	75.6%	63	9.32	586
15	5	75	175	1,203	1,951	83.5%	77.8%	55	9.32	512
16	3	48	178	1,251	2,001	85.7%	79.2%	50	12.42	620
17	6.9	117	185	1,368	2,048	87.7%	82.2%	47	12.42	582
18	3	54	188	1,422	2,088	89.4%	83.6%	40	12.42	497
19	7	133	195	1,555	2,125	91.0%	86.7%	37	12.42	460
20	5	100	200	1,655	2,155	92.3%	88.9%	30	12.42	373
21	2	42	202	1,697	2,180	93.3%	89.8%	25	12.42	311
22	4	88	206	1,785	2,203	94.3%	91.6%	23	12.42	286
23	3	69	209	1,854	2,222	95.1%	92.9%	19	12.42	236
24	2	48	211	1,902	2,238	95.8%	93.8%	16	12.42	199
25	1	25	212	1,927	2,252	96.4%	94.2%	14	12.42	174
26	2	52	214	1,979	2,265	97.0%	95.1%	13	12.42	161
27	2	54	216	2,033	2,276	97.4%	96.0%	11	12.42	137
28	2	56	218	2,089	2,285	97.8%	96.9%	9	12.42	112
29	1	29	219	2,118	2,292	98.1%	97.3%	7	12.42	87
32	1	32	220	2,150	2,310	98.9%	97.8%	18	12.42	224
33	1	33	221	2,183	2,315	99.1%	98.2%	5	12.42	62
36	1	36	222	2,219	2,327	99.6%	98.7%	12	12.42	149
37	1	37	223	2,256	2,330	99.7%	99.1%	3	12.42	37
39	1	39	224	2,295	2,334	99.9%	99.6%	4	12.42	50
41	1	41	225	2,336	2,336	100.0%	100.0%	2	12.42	25

Pilot Area	Arbor Run				
Arbor Run Dmstc		225	2,336	2,336	16,842

Jun-2022 DOMESTIC

Block Limits

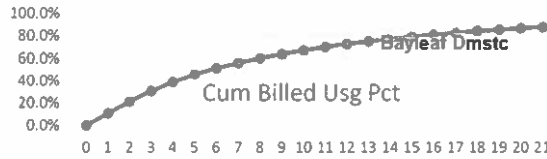
<=4,000

4-8kGals

8-15kGals

>15,000

Month Billed Jun-2022
Dmstc/Dmstc
Pilot Area Bayleaf



Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	405.9	0	406	0	0	0.0%	6.6%	0	4.14	0
1	238	238	644	238	5,743	10.8%	10.5%	5,743	4.14	23,774
2	453.6	907	1,098	1,145	11,247	21.2%	17.9%	5,505	4.14	22,789
3	716.8	2,150	1,814	3,296	16,298	30.7%	29.5%	5,051	4.14	20,911
4	740	2,960	2,554	6,256	20,632	38.9%	41.5%	4,334	4.14	17,943
5	604.2	3,021	3,159	9,277	24,226	45.7%	51.4%	3,594	6.21	22,319
6	465	2,790	3,624	12,067	27,216	51.3%	58.9%	2,990	6.21	18,567
7	363	2,541	3,987	14,608	29,741	56.1%	64.8%	2,525	6.21	15,680
8	252	2,016	4,239	16,624	31,903	60.2%	68.9%	2,162	6.21	13,425
9	209	1,881	4,448	18,505	33,813	63.8%	72.3%	1,910	9.32	17,800
10	157	1,570	4,605	20,075	35,514	67.0%	74.9%	1,701	9.32	15,852
11	141	1,551	4,746	21,626	37,058	69.9%	77.2%	1,544	9.32	14,389
12	143	1,716	4,889	23,342	38,460	72.5%	79.5%	1,403	9.32	13,075
13	118	1,534	5,007	24,876	39,720	74.9%	81.4%	1,260	9.32	11,742
14	114.1	1,597	5,121	26,473	40,862	77.1%	83.3%	1,142	9.32	10,643
15	105	1,575	5,226	28,048	41,890	79.0%	85.0%	1,028	9.32	9,579
16	82.7	1,323	5,308	29,371	42,813	80.7%	86.3%	923	12.42	11,461
17	70	1,190	5,378	30,561	43,653	82.3%	87.5%	840	12.42	10,434
18	60	1,080	5,438	31,641	44,423	83.8%	88.5%	770	12.42	9,565
19	66	1,254	5,504	32,895	45,133	85.1%	89.5%	710	12.42	8,819
20	70	1,400	5,574	34,295	45,777	86.3%	90.7%	644	12.42	8,000
21	51	1,071	5,625	35,366	46,351	87.4%	91.5%	574	12.42	7,130
22	49	1,078	5,674	36,444	46,874	88.4%	92.3%	523	12.42	6,497
23	38.2	879	5,713	37,323	47,349	89.3%	92.9%	474	12.42	5,888
24	42	1,008	5,755	38,331	47,784	90.1%	93.6%	436	12.42	5,414
25	32	800	5,787	39,131	48,178	90.8%	94.1%	394	12.42	4,892
26	37	962	5,824	40,093	48,540	91.5%	94.7%	362	12.42	4,495
27	34	918	5,858	41,011	48,865	92.1%	95.3%	325	12.42	4,035
28	30	840	5,888	41,851	49,156	92.7%	95.8%	291	12.42	3,613
29	22	638	5,910	42,489	49,417	93.2%	96.1%	261	12.42	3,240
30	18	540	5,928	43,029	49,656	93.6%	96.4%	239	12.42	2,967
31	19	589	5,947	43,618	49,877	94.1%	96.7%	221	12.42	2,744
32	21.2	678	5,968	44,296	50,079	94.4%	97.1%	202	12.42	2,508
33	16	528	5,984	44,824	50,259	94.8%	97.3%	181	12.42	2,244
34	8	272	5,992	45,096	50,424	95.1%	97.5%	165	12.42	2,046
35	14	490	6,006	45,586	50,581	95.4%	97.7%	157	12.42	1,946
36	9	324	6,015	45,910	50,723	95.6%	97.8%	143	12.42	1,772
37	9	333	6,024	46,243	50,857	95.9%	98.0%	134	12.42	1,661
38	9	342	6,033	46,585	50,982	96.1%	98.1%	125	12.42	1,549
39	10	390	6,043	46,975	51,098	96.4%	98.3%	116	12.42	1,437

Pilot Area	Bayleaf		6,148	53,031				53,031	386,858	
Bayleaf Dmstc										
40	6	240	6,049	47,215	51,203	96.6%	98.4%	106	12.42	1,313
41	6	246	6,055	47,461	51,303	96.7%	98.5%	100	12.42	1,238
42	5	210	6,060	47,671	51,397	96.9%	98.6%	94	12.42	1,164
43	5	215	6,065	47,886	51,485	97.1%	98.6%	89	12.42	1,102
44	6	264	6,071	48,150	51,569	97.2%	98.7%	84	12.42	1,040
45	3	135	6,074	48,285	51,647	97.4%	98.8%	78	12.42	965
46	2	92	6,076	48,377	51,721	97.5%	98.8%	75	12.42	928
47	1	47	6,077	48,424	51,794	97.7%	98.8%	73	12.42	903
48	3	144	6,080	48,568	51,866	97.8%	98.9%	72	12.42	891
49	6	294	6,086	48,862	51,935	97.9%	99.0%	69	12.42	853
50	3	150	6,089	49,012	51,997	98.1%	99.0%	63	12.42	779
51	2	102	6,091	49,114	52,057	98.2%	99.1%	60	12.42	741
52	4	208	6,095	49,322	52,115	98.3%	99.1%	58	12.42	717
53	6.2	329	6,101	49,651	52,168	98.4%	99.2%	54	12.42	667
54	5	270	6,106	49,921	52,216	98.5%	99.3%	48	12.42	590
55	4	220	6,110	50,141	52,258	98.5%	99.4%	43	12.42	528
56	2	112	6,112	50,253	52,297	98.6%	99.4%	39	12.42	478
57	6	342	6,118	50,595	52,333	98.7%	99.5%	37	12.42	453
58	3	174	6,121	50,769	52,364	98.7%	99.6%	31	12.42	379
60	2	120	6,123	50,889	52,419	98.8%	99.6%	55	12.42	683
61	1	61	6,124	50,950	52,444	98.9%	99.6%	26	12.42	317
64	3	192	6,127	51,142	52,518	99.0%	99.7%	74	12.42	913
66	2	132	6,129	51,274	52,561	99.1%	99.7%	43	12.42	534
67	1	67	6,130	51,341	52,580	99.2%	99.7%	20	12.42	242
68	1	68	6,131	51,409	52,599	99.2%	99.7%	19	12.42	230
69	2	138	6,133	51,547	52,616	99.2%	99.7%	18	12.42	217
72	3	216	6,136	51,763	52,663	99.3%	99.8%	47	12.42	578
74	0.5	37	6,136	51,800	52,688	99.4%	99.8%	25	12.42	311
76	3	228	6,139	52,028	52,712	99.4%	99.9%	24	12.42	298
77	1	77	6,140	52,105	52,721	99.4%	99.9%	9	12.42	112
86	1	86	6,141	52,191	52,793	99.6%	99.9%	72	12.42	894
90	1	90	6,142	52,281	52,821	99.6%	99.9%	28	12.42	348
100	2	200	6,144	52,481	52,881	99.7%	99.9%	60	12.42	745
102	1	102	6,145	52,583	52,889	99.7%	100.0%	8	12.42	99
134	1	134	6,146	52,717	52,985	99.9%	100.0%	96	12.42	1,192
135	1	135	6,147	52,852	52,987	99.9%	100.0%	2	12.42	25
179	1	179	6,148	53,031	53,031	100.0%	100.0%	44	12.42	546

Jun-2022 DOMESTIC

Block Limits

<=4,000

4-8kGals

8-15kGals

>15,000

Month Billed Jun-2022
 Dmstc/Irr Dmstc
 Pilot Area Merion



Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	102 Cum Num Bills	614 Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	614 Usgr Bld btwn Stps	Step Rate \$	3,397 Chrgs \$ in Step
0	3	0	3	0	0	0.0%	2.9%	0	4.14	0
2	11	22	14	22	198	32.2%	13.7%	198	4.14	820
3	14	42	28	64	286	46.6%	27.5%	88	4.14	364
4	12	48	40	112	360	58.6%	39.2%	74	4.14	306
5	13	65	53	177	422	68.7%	52.0%	62	6.21	385
6	16	96	69	273	471	76.7%	67.6%	49	6.21	304
7	6	42	75	315	504	82.1%	73.5%	33	6.21	205
8	10	80	85	395	531	86.5%	83.3%	27	6.21	168
9	5	45	90	440	548	89.3%	88.2%	17	9.32	158
10	1	10	91	450	560	91.2%	89.2%	12	9.32	112
11	4	44	95	494	571	93.0%	93.1%	11	9.32	103
12	2	24	97	518	578	94.1%	95.1%	7	9.32	65
13	1	13	98	531	583	95.0%	96.1%	5	9.32	47
16	1	16	99	547	595	96.9%	97.1%	12	10.35	124
19	1	19	100	566	604	98.4%	98.0%	9	12.42	112
23	1	23	101	589	612	99.7%	99.0%	8	12.42	99
25	1	25	102	614	614	100.0%	100.0%	2	12.42	25

Pilot Area	Merion				
Merion Dmstc		102	614	614	3,397

Jun-2022 DOMESTIC

Block Limits

<=4,000

4-8kGals

8-15kGals

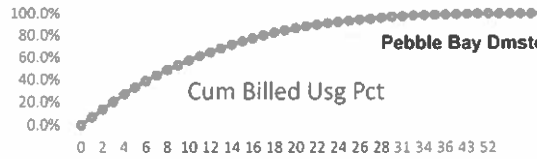
>15,000

Month Billed Jun-2022

Dmstc/Irr Dmstc

Pilot Area Pebble Bay

Pebble Bay Dmstc



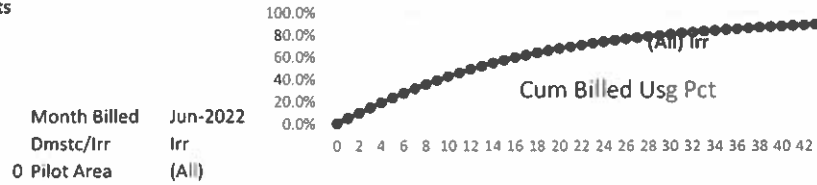
Step (kGal)	Sum of Bld-Mns in Step	Usg on Bills in Step	209 Cum Num Bills	2,937 Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	2,937 Usg Bld btwn Stps	Step Rate \$	23,612 Chrgs \$ in Step
0	6.3	0	6	0	0	0.0%	3.0%	0	4.14	0
1	2	2	8	2	202	6.9%	4.0%	202	4.14	838
2	4	8	12	10	403	13.7%	5.9%	200	4.14	830
3	5	15	17	25	599	20.4%	8.3%	196	4.14	813
4	15	60	32	85	791	26.9%	15.5%	191	4.14	792
5	10	50	42	135	967	32.9%	20.3%	176	6.21	1,095
6	15	90	57	225	1,133	38.6%	27.5%	166	6.21	1,033
7	10	70	67	295	1,285	43.8%	32.2%	151	6.21	940
8	10	80	77	375	1,426	48.6%	37.0%	141	6.21	878
9	9	81	86	456	1,558	53.0%	41.4%	131	9.32	1,225
10	6.7	67	93	523	1,680	57.2%	44.6%	122	9.32	1,141
11	9	99	102	622	1,796	61.2%	48.9%	116	9.32	1,078
12	6	72	108	694	1,902	64.8%	51.7%	107	9.32	994
13	3	39	111	733	2,003	68.2%	53.2%	101	9.32	939
14	9	126	120	859	2,101	71.5%	57.5%	98	9.32	911
15	5	75	125	934	2,190	74.6%	59.9%	89	9.32	827
16	9	144	134	1,078	2,273	77.4%	64.2%	84	12.42	1,040
17	2.1	36	136	1,114	2,348	80.0%	65.2%	75	12.42	928
18	7	126	143	1,240	2,421	82.4%	68.6%	73	12.42	902
19	10	190	153	1,430	2,486	84.7%	73.4%	66	12.42	815
20	7	140	160	1,570	2,542	86.6%	76.7%	56	12.42	691
21	6	126	166	1,696	2,590	88.2%	79.6%	49	12.42	604
22	4	88	170	1,784	2,633	89.7%	81.5%	43	12.42	529
23	5	115	175	1,899	2,672	91.0%	83.9%	39	12.42	479
24	3	72	178	1,971	2,705	92.1%	85.3%	34	12.42	417
25	4	100	182	2,071	2,736	93.2%	87.3%	31	12.42	380
26	2	52	184	2,123	2,762	94.1%	88.2%	27	12.42	330
27	2	54	186	2,177	2,787	94.9%	89.2%	25	12.42	306
28	7	196	193	2,373	2,810	95.7%	92.5%	23	12.42	281
30	2	60	195	2,433	2,841	96.7%	93.5%	31	12.42	388
31	2	62	197	2,495	2,854	97.2%	94.4%	14	12.42	169
33	1.6	53	199	2,548	2,878	98.0%	95.2%	23	12.42	288
34	1	34	200	2,582	2,888	98.3%	95.7%	10	12.42	124
35	3	105	203	2,687	2,897	98.6%	97.1%	9	12.42	112
36	2	72	205	2,759	2,903	98.8%	98.1%	6	12.42	75
39	1	39	206	2,798	2,915	99.3%	98.6%	12	12.42	149
43	1	43	207	2,841	2,927	99.7%	99.0%	12	12.42	149
44	1	44	208	2,885	2,929	99.7%	99.5%	2	12.42	25
52	1	52	209	2,937	2,937	100.0%	100.0%	8	12.42	99

Pilot Area	Pebble Bay				
Pebble Bay Dmstc		209	2,937	2,937	23,612

Jun-2022
Block Limits
<=15,000
>15,000

IRRIGATION

Quantizing (rounding) into Steps results in Charge differences

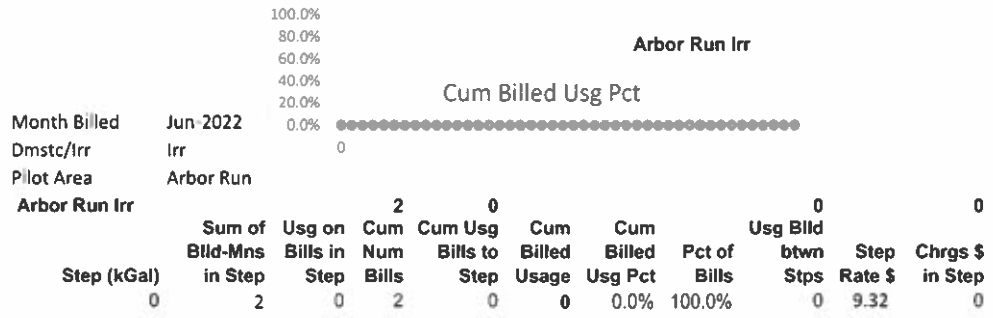


Month Billed	Jun-2022										
Dmstc/Irr	Irr		284	4,556				4,556		48,486	
0 Pilot Area	(All)		Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usg Pct	Pct of Bills	Usg Bld btwn Stps	Step Rate \$	Chrgs \$ in Step	
(All) Irr		Sum of Bldd-Mns in Step	Usg on Bills in Step								
Step (kGal)											
0		64	0	64	0	0.0%	22.5%	0	9.32	0	
1		4.5	5	69	5	220	4.8%	24.1%	220	9.32	2,053
2		6	12	75	17	436	9.6%	26.2%	216	9.32	2,011
3		2	6	77	23	646	14.2%	26.9%	210	9.32	1,955
4		5	20	82	43	854	18.7%	28.7%	208	9.32	1,937
5		10	50	92	93	1,057	23.2%	32.2%	203	9.32	1,890
6		8.1	49	100	141	1,249	27.4%	35.0%	193	9.32	1,797
7		8.7	61	108	202	1,434	31.5%	38.1%	185	9.32	1,721
8		5	40	113	242	1,610	35.3%	39.9%	176	9.32	1,640
9		10	90	123	332	1,781	39.1%	43.4%	171	9.32	1,594
10		6.4	64	130	396	1,942	42.6%	45.6%	161	9.32	1,501
11		10	110	140	506	2,097	46.0%	49.1%	155	9.32	1,441
12		15.7	188	155	694	2,241	49.2%	54.7%	145	9.32	1,348
13		3	39	158	733	2,370	52.0%	55.7%	129	9.32	1,201
14		8	112	166	845	2,496	54.8%	58.5%	126	9.32	1,173
15		8	120	174	965	2,614	57.4%	61.3%	118	9.32	1,099
16		8	128	182	1,093	2,724	59.8%	64.2%	110	12.42	1,365
17		2	34	184	1,127	2,826	62.0%	64.9%	102	12.42	1,266
18		7	126	191	1,253	2,926	64.2%	67.3%	100	12.42	1,241
19		12	228	203	1,481	3,019	66.2%	71.5%	93	12.42	1,154
20		7	140	210	1,621	3,099	68.0%	74.0%	81	12.42	1,005
21		2	42	212	1,663	3,173	69.6%	74.7%	74	12.42	918
22		3	66	215	1,729	3,245	71.2%	75.8%	72	12.42	893
23		4	92	219	1,821	3,314	72.7%	77.2%	69	12.42	856
24		3	72	222	1,893	3,379	74.2%	78.2%	65	12.42	806
25		5	125	227	2,018	3,441	75.5%	80.0%	62	12.42	769
26		3	78	230	2,096	3,498	76.8%	81.0%	57	12.42	707
27		5	135	235	2,231	3,552	78.0%	82.8%	54	12.42	669
28		1	28	236	2,259	3,601	79.0%	83.2%	49	12.42	607
29		2	58	238	2,317	3,649	80.1%	83.9%	48	12.42	595
30		5	150	243	2,467	3,694	81.1%	85.6%	46	12.42	570
31		2	62	245	2,529	3,735	82.0%	86.3%	41	12.42	508
32		1	32	246	2,561	3,774	82.8%	86.7%	39	12.42	483
33		2	66	248	2,627	3,812	83.7%	87.4%	38	12.42	471
34		2	68	250	2,695	3,848	84.5%	88.1%	36	12.42	446
35		2	70	252	2,765	3,882	85.2%	88.8%	34	12.42	421
36		2	72	254	2,837	3,914	85.9%	89.5%	32	12.42	396
37		3	111	257	2,948	3,944	86.6%	90.5%	30	12.42	371
38		1	38	258	2,986	3,971	87.1%	90.9%	27	12.42	334
39		1	39	259	3,025	3,997	87.7%	91.2%	26	12.42	322

0 Pilot Area (All) Irr	(All)		284	4,556					4,556	48,486
40	2	80	261	3,105	4,021	88.3%	91.9%	25	12.42	309
41	1	41	262	3,146	4,044	88.8%	92.3%	23	12.42	284
42	3	126	265	3,272	4,066	89.2%	93.4%	22	12.42	272
44	1	44	266	3,316	4,104	90.1%	93.7%	38	12.42	469
45	1	45	267	3,361	4,122	90.5%	94.1%	18	12.42	222
47	1	47	268	3,408	4,156	91.2%	94.4%	34	12.42	420
49	1.5	74	270	3,482	4,188	91.9%	94.9%	32	12.42	395
50	2	100	272	3,582	4,202	92.2%	95.6%	14	12.42	179
56	2.4	134	274	3,716	4,276	93.9%	96.5%	74	12.42	924
59	1	59	275	3,775	4,306	94.5%	96.8%	30	12.42	373
65	1	65	276	3,840	4,360	95.7%	97.2%	54	12.42	671
69	1	69	277	3,909	4,392	96.4%	97.5%	32	12.42	397
71	1	71	278	3,980	4,406	96.7%	97.9%	14	12.42	174
75	1	75	279	4,055	4,430	97.2%	98.2%	24	12.42	298
77	1	77	280	4,132	4,440	97.5%	98.6%	10	12.42	124
99	1	99	281	4,231	4,528	99.4%	98.9%	88	12.42	1,093
100	1	100	282	4,331	4,531	99.5%	99.3%	3	12.42	37
112	1	112	283	4,443	4,555	100.0%	99.6%	24	12.42	298
113	1	113	284	4,556	4,556	100.0%	100.0%	1	12.42	12

Jun-2022 IRRIGATION

Block Limits
 <=15,000
 >15,000



Month Billed	Jun-2022	2	0	0	0	0	0	0	0	0	
Dmstc/Irr	Irr	Num	Cum Usgr	Bills to	Cum	Cum	Pct of	Usgr Bld	Step	Chrgs \$	
Pilot Area	Arbor Run	Bills	Step	Step	Usage	Usgr Pct	Bills	btwn	Rate \$	in Step	
Arbor Run Irr	Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
	0	2	0	2	0	0	0.0%	100.0%	0	9.32	0

Pilot Area	Arbor Run				
Arbor Run Irr		2	0	0	0

Jun-2022 IRRIGATION
 Block Limits
 <=15,000
 >15,000



Month Billed Jun-2022
 Dmstc/Irr Irr
 Pilot Area Bayleaf

Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	60	0	60	0	0	0.0%	21.7%	0	9.32	0
1	4.5	5	65	5	216	4.8%	23.3%	216	9.32	2,016
2	6	12	71	17	428	9.6%	25.5%	212	9.32	1,974
3	2	6	73	23	634	14.2%	26.2%	206	9.32	1,918
4	6	24	79	47	838	18.8%	28.4%	204	9.32	1,899
5	10	50	89	97	1,036	23.2%	32.0%	198	9.32	1,843
6	8.1	49	97	145	1,223	27.4%	35.0%	188	9.32	1,750
7	8.7	61	105	206	1,403	31.4%	38.1%	180	9.32	1,675
8	5	40	110	246	1,574	35.3%	39.9%	171	9.32	1,594
9	10	90	120	336	1,740	39.0%	43.5%	166	9.32	1,547
10	6.4	64	127	400	1,896	42.5%	45.9%	156	9.32	1,454
11	10	110	137	510	2,046	45.8%	49.5%	150	9.32	1,394
12	14.7	176	151	686	2,185	49.0%	54.8%	140	9.32	1,301
13	3	39	154	725	2,310	51.8%	55.9%	125	9.32	1,164
14	8	112	162	837	2,432	54.5%	58.8%	122	9.32	1,136
15	8	120	170	957	2,546	57.0%	61.7%	114	9.32	1,062
16	8	128	178	1,085	2,652	59.4%	64.6%	106	12.42	1,315
17	2	34	180	1,119	2,750	61.6%	65.3%	98	12.42	1,216
18	7	126	187	1,245	2,846	63.8%	67.8%	96	12.42	1,191
19	10	190	197	1,435	2,935	65.7%	71.4%	89	12.42	1,104
20	7	140	204	1,575	3,013	67.5%	74.0%	79	12.42	980
21	2	42	206	1,617	3,085	69.1%	74.7%	72	12.42	893
22	3	66	209	1,683	3,155	70.7%	75.8%	70	12.42	868
23	3	69	212	1,752	3,222	72.2%	76.9%	67	12.42	831
24	2	48	214	1,800	3,286	73.8%	77.6%	64	12.42	794
25	5	125	219	1,925	3,348	75.0%	79.4%	62	12.42	769
26	3	78	222	2,003	3,405	76.3%	80.5%	57	12.42	707
27	5	135	227	2,138	3,459	77.5%	82.3%	54	12.42	669
28	1	28	228	2,166	3,508	78.6%	82.7%	49	12.42	607
29	2	58	230	2,224	3,556	79.7%	83.4%	48	12.42	595
30	5	150	235	2,374	3,601	80.7%	85.2%	46	12.42	570
31	2	62	237	2,436	3,642	81.6%	85.9%	41	12.42	508
32	1	32	238	2,468	3,681	82.5%	86.3%	39	12.42	483
33	2	66	240	2,534	3,719	83.3%	87.0%	38	12.42	471
34	2	68	242	2,602	3,755	84.1%	87.7%	36	12.42	446
35	2	70	244	2,672	3,789	84.9%	88.5%	34	12.42	421
36	2	72	246	2,744	3,821	85.6%	89.2%	32	12.42	396
37	3	111	249	2,855	3,851	86.3%	90.3%	30	12.42	371
38	1	38	250	2,893	3,878	86.9%	90.6%	27	12.42	334
39	1	39	251	2,932	3,904	87.5%	91.0%	26	12.42	322

Pilot Area	Bayleaf									
Bayleaf Irr			276	4,463				4,463		47,542
40	2	80	253	3,012	3,928	88.0%	91.7%	25	12.42	309
41	1	41	254	3,053	3,951	88.5%	92.1%	23	12.42	284
42	3	126	257	3,179	3,973	89.0%	93.2%	22	12.42	272
44	1	44	258	3,223	4,011	89.9%	93.5%	38	12.42	469
45	1	45	259	3,268	4,029	90.3%	93.9%	18	12.42	222
47	1	47	260	3,315	4,063	91.0%	94.2%	34	12.42	420
49	1.5	74	262	3,389	4,095	91.7%	94.8%	32	12.42	395
50	2	100	264	3,489	4,109	92.1%	95.5%	14	12.42	179
56	2.4	134	266	3,623	4,183	93.7%	96.4%	74	12.42	924
59	1	59	267	3,682	4,213	94.4%	96.7%	30	12.42	373
65	1	65	268	3,747	4,267	95.6%	97.1%	54	12.42	671
69	1	69	269	3,816	4,299	96.3%	97.5%	32	12.42	397
71	1	71	270	3,887	4,313	96.6%	97.8%	14	12.42	174
75	1	75	271	3,962	4,337	97.2%	98.2%	24	12.42	298
77	1	77	272	4,039	4,347	97.4%	98.6%	10	12.42	124
99	1	99	273	4,138	4,435	99.4%	98.9%	88	12.42	1,093
100	1	100	274	4,238	4,438	99.4%	99.3%	3	12.42	37
112	1	112	275	4,350	4,462	100.0%	99.6%	24	12.42	298
113	1	113	276	4,463	4,463	100.0%	100.0%	1	12.42	12

Jun-2022 IRRIGATION

Block Limits
 <=15,000
 >15,000

100.0%
 80.0%
 60.0%
 40.0%
 20.0%
 0.0%

Merion Irr

Cum Billed Usgr Pct

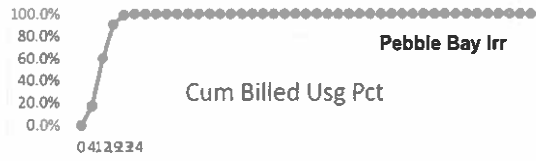


Month Billed Jun-2022
 Dmstc/Irr Irr
 Pilot Area Merion

Step (kGal)	Sum of Bld-Mns in Step	Usgr on Bills in Step	Cum Num Bills	Cum Usgr Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usgr Bld btwn Stps	Step Rate \$	Chrgs \$ in Step
0	2	0	2	0	0	0.0%	100.0%	0	9.32	0

Pilot Area	Merion				
Merion Irr		2	0	0	0

Jun-2022 IRRIGATION
 Block Limits
 <=15,000
 >15,000



Month Billed Jun-2022
 Dmstc/Irr Irr
 Pilot Area Pebble Bay
 Pebble Bay Irr

Step (kGal)	Sum of Billed Mns in Step	Usg on Bills in Step	Cum Num Bills	Cum Usg Bills to Step	Cum Billed Usage	Cum Billed Usgr Pct	Pct of Bills	Usg Billed btwn Stps	Step Rate \$	Chrgs \$ in Step
0	0	0	0	0	0	0.0%	0.0%	0	9.32	0
4	-1	-4	-1	-4	16	17.2%	-25.0%	16	9.32	149
12	1	12	0	8	56	60.2%	0.0%	40	9.32	373
19	2	38	2	46	84	90.3%	50.0%	28	11.09	311
23	1	23	3	69	92	98.9%	75.0%	8	12.42	99
24	1	24	4	93	93	100.0%	100.0%	1	12.42	12

Pilot Area	Pebble Bay				
Pebble Bay Irr		4	93	93	944

AQUA NC TIERED PILOT PROGRAM REVENUE RECONCILIATION

MID-YEAR 2022

W-218 SUB 526A

1	NC Tier Pilot - 2022 MID-YEAR Revenue Reconciliation			
2	Based on Scenario 3 of NC Thill Ex.4 from W-218 Sub 526			
3	Scenario 3 - Customers conserve MORE than modeled for rates; average consumption is LOWER than in rates			
4	Rate Order Rate Design (W-218 Sub 526) - per NCUC			
5	<u>Usage kGals</u>	<u>Block Revenue</u>		
6	\$ 6.73	562,714 \$	3,786,155.00 (A)	
7	Bill count in rate design	81,972 (B)		
8	Gallons per Bill	6,865	Line 5 Kgal / (B) x 1000	
9	Revenue per Bill as Authorized [(A)/(B)] \$	46.19 (C)		
10	Rate Order Rate Design (W-218 Sub 526) - ADJUSTED FOR MID-YEAR			
11	Adjusted based on 2021 actual percentages (see Breakdown for Mid-Year Revenue Reconciliation)			
12	JAN-JUN Pct of 2021 BLOCK CHARGES		41.6% Mid-Year Breakdown, line 8	
13	JAN-JUN Pct of 2021 Total Consumption		44.3% Mid-Year Breakdown, line 18	
14	JAN-JUN Pct of 2021 Billed Months		49.8% Mid-Year Breakdown, line 13	
15				
16	<u>Usage kGals</u>	<u>Block Revenue</u>		
17	\$ 6.31	249,418 \$	1,574,529.41 (A) adjusted for mid-year	
18	Bill count in rate design	40,799 (B)	adjusted for mid-year	
19	Gallons per Bill	6,113	Line 17 Kgal / (B) x 1000	
20	Revenue per Bill as Authorized [(A)/(B)] \$	38.59 (C)		
21				
22	Actual 2022 Billing Information (from Summary schedules in this filing)			
23	<u>Usage kGals</u>	<u>Block Revenue</u>		
24	\$ 6.19	237,776 \$	1,471,268.28 (D)	
25	Actual 2021 Bill Count	42,040 (E)		
26	Gallons per Bill	5,656	Line 12 Kgal / (E) x 1000	
27	Revenue per Bill-Actual [(D)/(E)] \$	35.00 (F)		
28	Revenue per Bill Excess/(Deficit) [(F)-(C)] \$	(3.59) (G)		
29	Excess/(Deficit) Rate [(G)/(C)]	-9.303% (H)		
30				
31	Revenue DEFICIT to be recovered on a VOLUMETRIC BASIS:			
32	Revenue DEFICIT to be RECOVERED [(A) * (H)] \$	146,477.34 (I)		
33	Surcharge per kilogallon	TBD	*	
34				

*The revenue deficit will be collected over 9 months (after allowing 3 months for computation of the adjustment) following the end of each of the 12 month period after implementation of the new rates. If the final 2022 result is a deficit, the Company would provide a projected 2023 consumption volume - that would factor historical customer growth - for calculating the surcharge per kilogallon.

AQUA NC TIERED PILOT ACTUAL DATA 2021 & 2022
Breakdown for Mid-Year Revenue Reconciliation
Year-over-Year Comparison

Row	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p
	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	2nd Half	Year Total		
1	208,125	\$ 154,174	\$ 146,982	\$ 233,409	\$ 441,408	\$ 463,402	\$ 449,236	\$ 443,590	\$ 548,718	\$ 396,392	\$ 281,813	\$ 194,373	\$ 2,314,122	\$ 3,961,622		
2		6,914	6,911	6,925	6,936	6,951	6,951	6,977	6,971	6,998	7,010	7,059	41,966	83,551		
3		37,454	29,869	28,788	39,702	60,051	61,107	58,963	69,479	55,358	44,082	35,447	322,782	579,753		
4		5,417	4,322	4,157	5,724	8,639	8,795	8,451	9,967	7,910	6,289	5,021	7,692	6,939		
5							6,179									
6																
7																
8																
9																
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7	Total Sum of BLOCK CHARGES	\$ 1,647,500	41.6%
8	JAN-JUN 2021	\$ 2,314,122	58.4%
9	JUL-DEC 2021	\$ 3,961,622	100.0%

12	Total Sum of Bldg-Mns	41,585	49.8%
13	JAN-JUN 2021	41,966	50.2%
14	JUL-DEC 2021	83,551	100.0%

17	Total Sum of Totl Cons (kg)	256,971	44.3%
18	JAN-JUN 2021	322,782	55.7%
19	JUL-DEC 2021	579,753	100.0%

	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	First Half	Change	Pct Change
23	\$ 195,406	\$ 145,028	\$ 145,443	\$ 187,617	\$ 321,761	\$ 476,014	\$ 1,471,268	\$ (176,232)	-10.7%
24	7,020	7,011	7,009	6,996	7,028	6,977	42,040	455	1.1%
25	35,270	28,200	28,862	34,191	48,122	63,131	237,776	(19,195)	-7.5%
26	5,024	4,022	4,118	4,887	6,848	9,048	5,656	(524)	-8.5%