



*Development Resource Center
1250 Market Street, Suite 3050
Chattanooga, TN 37402
Tel: 423-209-7842
Fax: 423-209-7843*

July 12, 2024

Ms. Angela Oberschmidt
Tennessee Department of Environment and Conservation
Division of Water Pollution Control
1301 Riverfront Parkway, Suite 206
Chattanooga, Tennessee 37402

Re: Submittal of 2nd Quarter 2024 Report for WWTA State Operating Permit # 89044

Dear Ms. Oberschmidt:

In accordance with the above listed operating permit, I have enclosed the following information.

- 1) Average daily flow data
- 2) Monthly Flow Data
- 3) SSO Report

Sincerely,

Michael Patrick
WWTA Executive Director

Encl:

Total Monthly/Avg. Daily Flow
SSO Report: April, May and June 2024

Billing Sites Daily Flow								
	East Ridge			Lookout Mtn		Ramsgate	Red Bank	Fuller Rd
DATE	ER01 (Mg/d)	ER02 (Mg/d)	ER03 (Mg/d)	CH03 (Mg/d)	CH04 (Mg/d)	CH24 (Mg/d)	CH25 (Mg/d)	CH27 (Mg/d)
4/1/2024	3.291	0.131	0.008	0.138	0.284	0.789	1.749	0.508
4/2/2024	3.010	0.158	0.009	0.110	0.286	0.734	1.518	0.476
4/3/2024	4.148	0.164	0.008	0.176	0.324	1.080	2.045	0.523
4/4/2024	3.292	0.163	0.008	0.125	0.295	0.843	1.595	0.476
4/5/2024	3.017	0.149	0.007	0.081	0.266	0.777	1.378	0.462
4/6/2024	2.800	0.110	0.005	0.072	0.264	0.732	1.286	0.471
4/7/2024	2.715	0.094	0.005	0.073	0.246	0.686	1.237	0.474
4/8/2024	2.479	0.093	0.005	0.077	0.241	0.605	1.116	0.459
4/9/2024	4.879	0.123	0.018	0.144	0.290	0.752	1.481	0.511
4/10/2024	4.972	0.096	0.021	0.174	0.335	0.861	1.449	0.507
4/11/2024	4.825	0.081	0.018	0.179	0.323	0.861	1.516	0.496
4/12/2024	4.598	0.078	0.022	0.191	0.357	0.883	1.441	0.506
4/13/2024	3.614	0.083	0.022	0.180	0.354	0.818	1.332	0.515
4/14/2024	3.229	0.087	0.022	0.159	0.334	0.753	1.277	0.533
4/15/2024	2.903	0.089	0.018	0.139	0.307	0.658	1.168	0.480
4/16/2024	2.701	0.077	0.016	0.103	0.303	0.607	1.074	0.455
4/17/2024	4.261	0.102	0.019	0.139	0.317	0.698	1.523	0.456
4/18/2024	3.977	0.070	0.015	0.175	0.346	0.746	1.587	0.464
4/19/2024	5.056	0.068	0.016	0.190	0.347	0.688	1.428	0.473
4/20/2024	3.780	0.089	0.019	0.178	0.360	0.650	1.322	0.448
4/21/2024	3.237	0.082	0.019	0.144	0.339	0.644	1.260	0.465
4/22/2024	2.706	0.069	0.018	0.105	0.313	0.567	1.146	0.467
4/23/2024	2.498	0.063	0.021	0.087	0.307	0.519	1.034	0.436
4/24/2024	2.386	0.053	0.020	0.079	0.293	0.504	1.002	0.419
4/25/2024	2.319	0.060	0.019	0.067	0.270	0.501	0.958	0.400
4/26/2024	2.226	0.057	0.017	0.062	0.279	0.493	0.923	0.405
4/27/2024	2.235	0.072	0.020	0.063	0.277	0.498	0.917	0.389
4/28/2024	2.243	0.062	0.021	0.057	0.272	0.524	0.962	0.433
4/29/2024	2.093	0.048	0.017	0.056	0.273	0.501	0.899	0.409
4/30/2024	3.605	0.053	0.018	0.072	0.290	0.581	1.092	0.388
Total Volume (Mg)	99.095	2.724	0.471	3.595	9.092	20.553	38.715	13.904
Avg. Daily Flow (Mg/d)	3.303	0.091	0.016	0.120	0.303	0.685	1.291	0.463

Billing Sites Daily Flow								
DATE	East Ridge			Lookout Mtn		Ramsgate	Red Bank	Fuller Rd
	ER01 (Mg/d)	ER02 (Mg/d)	ER03 (Mg/d)	CH03 (Mg/d)	CH04 (Mg/d)	CH24 (Mg/d)	CH25 (Mg/d)	CH27 (Mg/d)
5/1/2024	2.467	0.055	0.016	0.059	0.288	0.553	0.984	0.394
5/2/2024	2.226	0.059	0.017	0.054	0.277	0.536	0.894	0.372
5/3/2024	2.436	0.052	0.019	0.065	0.270	0.533	0.922	0.375
5/4/2024	4.462	0.057	0.018	0.208	0.408	1.363	1.362	0.404
5/5/2024	5.816	0.060	0.023	0.132	0.410	0.991	1.201	0.554
5/6/2024	4.339	0.045	0.019	0.096	0.400	1.062	1.337	0.481
5/7/2024	3.468	0.043	0.019	0.082	0.383	0.886	1.249	0.449
5/8/2024	2.931	0.037	0.022	0.087	0.378	0.791	1.143	0.423
5/9/2024	15.980	0.159	0.110	0.406	1.196	3.427	4.540	1.221
5/10/2024	9.840	0.356	1.155	0.250	0.730	3.791	3.983	0.755
5/11/2024	5.911	0.052	0.227	0.213	0.345	1.487	2.950	0.569
5/12/2024	4.393	0.044	0.147	0.152	0.331	1.183	2.392	0.589
5/13/2024	3.704	0.065	0.081	0.109	0.317	1.002	1.928	0.557
5/14/2024	3.439	0.085	0.045	0.100	0.315	0.918	1.648	0.542
5/15/2024	3.990	0.079	0.036	0.106	0.332	1.306	1.627	0.503
5/16/2024	3.090	0.078	0.028	0.091	0.299	0.977	1.357	0.243
5/17/2024	2.596	0.077	0.021	0.083	0.287	0.853	1.183	0.144
5/18/2024	2.455	0.083	0.020	0.080	0.289	0.813	1.112	0.172
5/19/2024	2.286	0.083	0.022	0.073	0.266	0.756	1.078	0.187
5/20/2024	2.085	0.076	0.022	0.063	0.249	0.679	0.997	0.153
5/21/2024	1.983	0.072	0.019	0.057	0.248	0.626	0.938	0.223
5/22/2024	1.884	0.072	0.019	0.056	0.241	0.582	0.922	0.458
5/23/2024	1.833	0.071	0.018	0.050	0.237	0.535	0.896	0.449
5/24/2024	1.807	0.058	0.018	0.047	0.223	0.538	0.890	0.466
5/25/2024	4.293	0.061	0.019	0.095	0.245	0.575	0.992	0.566
5/26/2024	2.922	0.063	0.020	0.072	0.263	0.502	0.900	0.503
5/27/2024	8.317	0.136	0.032	0.219	0.272	1.179	1.648	0.911
5/28/2024	4.518	0.053	0.027	0.145	0.248	0.890	1.168	0.627
5/29/2024	3.342	0.045	0.022	0.088	0.250	0.786	1.036	0.527
5/30/2024	2.759	0.065	0.021	0.070	0.251	0.722	0.947	0.516
5/31/2024	2.447	0.064	0.018	0.062	0.235	0.669	0.880	0.475
Total Volume (Mg)	124.019	2.405	2.300	3.470	10.483	31.511	45.104	14.808
Avg. Daily Flow (Mg/d)	4.001	0.078	0.074	0.112	0.338	1.016	1.455	0.478

**Billing Sites
Daily Flow**

DATE	East Ridge			Lookout Mtn		Ramsgate	Red Bank	Fuller Rd
	ER01	ER02	ER03	CH03	CH04	CH24	CH25	CH27
	(Mg/d)	(Mg/d)	(Mg/d)	(Mg/d)	(Mg/d)	(Mg/d)	(Mg/d)	(Mg/d)
6/1/2024	2.313	0.082	0.019	0.061	0.204	0.598	0.924	0.446
6/2/2024	3.897	0.073	0.022	0.138	0.243	1.330	1.946	0.501
6/3/2024	2.799	0.037	0.021	0.111	0.263	0.858	1.578	0.454
6/4/2024	2.625	0.034	0.020	0.082	0.266	0.891	1.290	0.426
6/5/2024	2.520	0.031	0.019	0.073	0.261	0.960	1.171	0.432
6/6/2024	2.212	0.029	0.014	0.066	0.254	0.857	1.055	0.411
6/7/2024	2.033	0.045	0.016	0.058	0.250	0.795	0.975	0.410
6/8/2024	1.985	0.045	0.017	0.052	0.242	0.749	0.901	0.405
6/9/2024	1.934	0.055	0.020	0.052	0.229	0.718	0.932	0.432
6/10/2024	1.836	0.049	0.018	0.054	0.226	0.654	0.854	0.410
6/11/2024	1.737	0.071	0.019	0.047	0.209	0.607	0.826	0.407
6/12/2024	1.677	0.065	0.019	0.041	0.218	0.607	0.817	0.376
6/13/2024	1.676	0.042	0.018	0.039	0.217	0.558	0.793	0.391
6/14/2024	1.630	0.040	0.017	0.042	0.196	0.557	0.755	0.377
6/15/2024	1.629	0.051	0.019	0.046	0.195	0.563	0.765	0.381
6/16/2024	1.591	0.058	0.021	0.038	0.194	0.568	0.821	0.401
6/17/2024	1.566	0.057	0.017	0.038	0.193	0.559	0.790	0.387
6/18/2024	1.480	0.047	0.019	0.035	0.185	0.538	0.765	0.339
6/19/2024	1.555	0.035	0.020	0.034	0.195	0.531	0.769	0.366
6/20/2024	1.525	0.032	0.020	0.033	0.190	0.525	0.765	0.355
6/21/2024	1.544	0.033	0.019	0.036	0.184	0.524	0.726	0.359
6/22/2024	1.626	0.033	0.020	0.037	0.176	0.541	0.762	0.442
6/23/2024	1.642	0.031	0.021	0.032	0.186	0.539	0.809	0.452
6/24/2024	1.678	0.029	0.020	0.032	0.177	0.468	0.740	0.380
6/25/2024	1.448	0.034	0.020	0.030	0.159	0.519	0.749	0.359
6/26/2024	1.457	0.026	0.020	0.029	0.178	0.491	0.753	0.373
6/27/2024	1.575	0.034	0.019	0.032	0.188	0.479	0.776	0.418
6/28/2024	1.497	0.027	0.018	0.028	0.193	0.496	0.746	0.448
6/29/2024	1.597	0.037	0.021	0.024	0.189	0.509	0.761	0.439
6/30/2024	1.612	0.031	0.021	0.026	0.188	0.517	0.799	0.433
Total Volume (Mg)	55.896	1.293	0.574	1.446	6.248	19.106	27.113	12.210
Avg. Daily Flow (Mg/d)	1.863	0.043	0.019	0.048	0.208	0.637	0.904	0.407



FLOW/WATER METER SUMMARY	Monthly Readings	Days in Month	Average Daily Flow	Monthly Readings	Days in Month	Average Daily Flow	Monthly Readings	Days in Month	Average Daily Flow
2024	Apr-24			May-24			Jun-24		
<i>Water Meter</i>									
<i>TAW - Hamilton</i>	2,977,444	30	99,248	3,476,564	31	112,147	3,822,076	30	127,403
<i>TAW - Germantown</i>	816,095	30	27,203	1,429,057	31	46,099	1,654,183	30	55,139
<i>TAW - Ridgeside</i>	615,236	30	20,508	621,116	31	20,036	717,480	30	23,916
<i>Eastside - City</i>	343,332	30	11,444	442,816	31	14,284	610,368	30	20,346
<i>Eastside - Fuller</i>	406,912	30	13,564	385,220	31	12,426	445,060	30	14,835
<i>Eastside - Tandem/Brock Point</i>	149,600	30	4,987	154,836	31	4,995	168,300	30	5,610
Total	5,308,619			6,509,609			7,417,467		
<i>Flow Meter</i>									
<i>Bill Reed</i>	2,594,000	30	86,467	2,764,000	31	89,161	1,865,000	30	62,167
<i>Camp Jordan - Frawley Rd.</i>	4,261,105	30	142,037	4,404,458	31	142,079	3,587,845	30	119,595
<i>Fort Oglethorpe Bypass</i>	0	30	0	0	31	0	0	30	0
<i>Green Shanty</i>	2,936,000	30	97,867	4,336,000	31	139,871	1,376,000	30	45,867
<i>Holland Johnson</i>	378,694	30	12,623	248,917	31	8,030	181,045	30	6,035
<i>Integra Hills</i>	720,185	30	24,006	728,698	31	23,506	643,005	30	21,434
<i>Lee Hwy</i>	44,915,000	30	1,497,167	43,374,000	31	1,399,161	26,197,000	30	873,233
<i>Soddy Daisy Industrial Park</i>	23,935,948	30	797,865	24,788,566	31	799,631	11,129,243	30	370,975
<i>Summit Springs-Fed Ex</i>	157,626	30	5,254	149,357	31	4,818	152,982	30	5,099
Total	79,898,558			80,793,996		Use 30 month average for Camp Jordan	45,132,120		

FW: Permit 89044 2nd quarter report

Jennifer Dulin <Jennifer.Dulin@tn.gov>

Mon 7/15/2024 10:07 AM

To: Cali Calderwood <Cali.Calderwood@tn.gov>

📎 1 attachments (466 KB)

2024 2nd Quarter Reprot Permit 89044.pdf;

Please upload to WL. Thanks!

Best regards,**Jennifer K. Dulin, P.G.** | Environmental Consultant I

Division of Water Resources

Chattanooga Environmental Field Office

1301 Riverfront Parkway, Chattanooga, TN 37402

(423) 298-3233

Email: jennifer.dulin@tn.govwww.tn.gov/environment[TDEC Water Well Web Page](#)[Water Well Web Application](#)[TN Driller & Installer List & Driller Report Search](#)[TDEC Division of Water Resources GIS HUB](#)[Water Well Rules and regulations \(PDF Download\)](#)**Individual TN Drinking Water System information is available at Drinking Water Watch:**<https://dataviewers.tdec.tn.gov/DWW/>

From: Ashby, Rodney <RodneyA@hamiltontn.gov>**Sent:** Friday, July 12, 2024 2:28 PM**To:** Angela Oberschmidt <Angela.Oberschmidt@tn.gov>**Cc:** Patrick, Michael <MPatrick@HamiltonTN.gov>; Brooks, Eric <EricB@HamiltonTN.gov>; Jennifer Dulin <Jennifer.Dulin@tn.gov>**Subject:** [EXTERNAL] Permit 89044 2nd quarter report

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Please see attachment.

Rodney Ashby

Wastewater Manager

1250 Market Street, Suite 3050

Chattanooga, TN 37402

Tel. (423) 209-7842

cell (423) 315-3842

