

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
DELAWARE COUNTY, PENNSYLVANIA
2022 BUDGET

Statement of Revenues Required to Fund
Expenses of Administration, Operation and
Debt Service for the Eastern and Western
Delaware County Service Areas for the Year
Ending December 31, 2022
and
Statements of Service Charges to be Imposed
on Users for Said Year

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Prepared by:
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Mike Cherico, Accounting Manager

Proposed Adoption by Board: 11/16/2021

Approved by
Consulting Engineer: _____

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2022 BUDGET**

Table of Contents

	<u>Page</u>
Summary of Rates and Charges West	2
Summary of Rates and Charges East and Other Residential	3
Revenue and Expense Analysis	4
Expenses by Department	5
Estimate of Service Charges- Eastern Authorities	6-9

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
'2022 BUDGET

'RATES AND CHARGES- WESTERN

	PROJECTED		% Change	Total Revenue		% Change	\$ Change
	FLOW IN 1000			2021	2022		
	GALLONS						
2021	2022						
Retail:							
Chester City	798,391	769,330	-3.64%	\$5,045,831	\$5,469,936	8.41%	\$424,105
Parkside	41,744	43,235	3.57%	\$263,822	\$307,401	16.52%	\$43,579
Upland	133,756	136,551	2.09%	\$845,338	\$970,878	14.85%	\$125,540
Chester Twp.	36,875	35,237	-4.44%	\$233,050	\$250,535	7.50%	\$17,485
Trainer	40,128	41,230	2.75%	\$253,609	\$293,145	15.59%	\$39,536
Marcus Hook	43,016	44,733	3.99%	\$415,104	\$485,353	16.92%	\$70,249
Minimums # of accounts	3,722	3,650	-1.93%	\$470,461	\$519,030	10.32%	\$48,569
TOTAL	1,097,632	1,073,966	-2.16%	\$7,527,215	\$8,296,278	10.22%	\$769,063
Retail Industrial:							
Exelon	1,533	1,624	5.94%	\$11,681	\$13,918	19.14%	\$2,236
Ace Linen	8,000	14,000	75.00%	\$60,960	\$119,980	96.82%	\$59,020
PQ	21,377	21,377	0.00%	\$162,893	\$183,201	12.47%	\$20,308
Delco Linens	4,000	8,000	100.00%	\$30,480	\$68,560	124.93%	\$38,080
Covanta	2,000	2,000	0.00%	\$15,240	\$17,140	12.47%	\$1,900
Congoleum	3,500	4,000	14.29%	\$26,670	\$34,280	28.53%	\$7,610
Monroe - Sanitary	6,000	6,000	0.00%	\$45,720	\$51,420	12.47%	\$5,700
TOTAL	46,410	57,001	22.82%	\$353,644	\$488,499	38.13%	\$134,854
Wholesale							
EDU:							
Brookhaven	279,767	294,868	5.40%	\$886,861	\$1,049,730	18.36%	\$162,869
Nether Providence	367,037	361,903	-1.40%	\$1,163,507	\$1,288,375	10.73%	\$124,867
TOTAL	646,804	656,771	1.54%	\$2,050,369	\$2,338,105	14.03%	\$287,736
WESTERN:							
Southern	803,000	784,750	-2.27%	\$2,529,450	\$2,778,015	9.83%	\$248,565
Soccer Stadium	4,650	4,650	0.00%	\$14,648	\$16,461	12.38%	\$1,814
Eddystone	146,000	146,000	0.00%	\$459,900	\$516,840	12.38%	\$56,940
Boeing	47,000	47,000	0.00%	\$148,050	\$166,380	12.38%	\$18,330
Harrah's Racino	21,000	21,000	0.00%	\$66,150	\$74,340	12.38%	\$8,190
Lower Chichester	182,500	200,750	10.00%	\$574,875	\$710,655	23.62%	\$135,780
TOTAL	1,204,150	1,204,150	0.00%	\$3,793,073	\$4,262,691	12.38%	\$469,619
Wholesale Industrial:							
Kimberly Clark	1,368,750	1,277,500	-6.67%	\$4,776,938	\$5,020,575	5.10%	\$243,638
Sunoco	1,162,890	1,102,665	-5.18%	\$4,058,486	\$4,333,473	6.78%	\$274,987
Braskem	78,000	80,000	2.56%	\$272,220	\$314,400	15.49%	\$42,180
Dynegy (Liberty Electric)	104,000	58,100	-44.13%	\$362,960	\$228,333	-37.09%	-\$134,627
Monroe-Process	58,400	58,400	0.00%	\$203,816	\$229,512	12.61%	\$25,696
Marcus Hook Energy (FPL)	85,000	85,000	0.00%	\$296,650	\$334,050	12.61%	\$37,400
TOTAL	2,857,040	2,661,665	-6.84%	\$9,971,070	\$10,460,343	4.91%	\$489,274
Chester Ridley Creek							
Southwest Authority	967,250	985,500	1.89%	\$3,520,790	\$3,735,045	6.09%	\$214,255
Middletown	602,250	602,250	0.00%	\$2,318,663	\$2,607,743	12.47%	\$289,080
Total	1,569,500	1,587,750	1.16%	\$5,839,453	\$6,342,788	8.62%	\$503,335
Total West	7,421,536	7,241,303	-2.43%	\$29,534,623	\$32,188,703	8.99%	\$2,653,681

(1) Plus excess BOD/TSS surcharge at \$.32/LB and \$.285/LB respectively.
Delcora has a surcharge for BOD and TSS over 300 MG/L. Permit industries at times send Delcora an excess of this amount, which may result in a surcharge amount.

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY

'2022 Budget

RATES AND CHARGES- Eastern

	PROJECTED FLOW IN 1,000 GALLONS		% Change	Total Revenue		% Change	\$ Change
	2021 Budget	2022 Budget		2021 Budget	2022 Budget		
<u>Eastern Authority</u>							
Central Delaware County Authority	3,832,500	3,741,250	-2.38%	\$11,420,850	\$12,533,188	9.74%	\$1,112,338
Darby Creek Joint Authority	7,482,500	7,391,250	-1.22%	\$22,297,850	\$24,760,688	11.05%	\$2,462,838
Muckinipates Authority	1,733,750	1,642,500	-5.26%	\$5,166,575	\$5,502,375	6.50%	\$335,800
TOTAL	13,048,750	12,775,000	-2.10%	\$38,885,275	\$42,796,250	10.06%	\$3,910,975

RATES AND CHARGES- Other Residential

	Number of EDUs/ 000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2021 Budget	2022 Budget		2021 Budget	2022 Budget		
<u>Rose Valley Pump Station</u>							
Rose Valley Residents	373	373	0.00%	\$397,245	\$446,854	12.49%	\$49,609
Neither Providence Residents	127	127	0.00%	\$135,255	\$152,146	12.49%	\$16,891
Total Rose Valley Pump Station	500	500	0.00%	\$532,500	\$599,000	12.49%	\$66,500
<u>Springhill Farms Wastewater Authority</u>							
Residential Based on EDU	282	282	0.00%	\$66,919	\$75,283	12.50%	\$8,364
Residential Based on Flow	9,160	9,160	0.00%	\$104,058	\$117,065	12.50%	\$13,007
Commercial Based on EDU	112	112	0.00%	\$62,476	\$70,284	12.50%	\$7,809
Commercial Based on Flow	8,552	8,552	0.00%	\$97,151	\$109,295	12.50%	\$12,144
<u>Pocopson</u>							
Riverside	160	160	0.00%	\$167,200	\$188,080	12.49%	\$20,880
Preserve	66	66	0.00%	\$101,640	\$114,345	12.50%	\$12,705
	226	226	0.00%	\$268,840	\$302,425	12.49%	\$33,585
<u>Edgmont</u>							
Residential	679	679	0.00%	\$645,050	\$677,303	5.00%	\$32,253
Commercial Based on EDU	152	152	0.00%	\$115,520	\$121,296	5.00%	\$5,776
Commercial Based on Flow	12,387	12,387	0.00%	\$117,677	\$123,498	4.95%	\$5,822
				\$878,247	\$922,097		\$43,850
TOTAL				\$2,010,189	\$2,195,448	9.22%	\$185,259

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2022 Budget

REVENUE AND EXPENSE ANALYSIS

Revenues:	2021	2022	\$ Change	% Change
Service Charges:				
Eastern Delaware County				
Central Delaware County Authority	11,420,850	12,533,188	1,112,338	9.74%
Darby Creek Joint Authority	22,297,850	24,760,688	2,462,838	11.05%
Muckinipates Authority	<u>5,166,575</u>	<u>5,502,375</u>	<u>335,800</u>	<u>6.50%</u>
	38,885,275	42,796,250	3,910,975	10.06%
Western Delaware County				
Residential	7,527,215	8,296,278	769,063	10.22%
EDU Wholesale	2,050,369	2,338,105	287,736	14.03%
Retail Industrial	353,644	488,499	134,854	38.13%
Western Wholesale	3,793,073	4,262,691	469,619	12.38%
Wholesale Industrial	9,971,070	10,460,343	489,274	4.91%
Chester Ridley Creek	<u>5,839,453</u>	<u>6,342,788</u>	<u>503,335</u>	<u>8.62%</u>
	29,534,823	32,188,703	2,653,881	8.99%
Other Residential	2,010,189	2,195,448	185,259	9.22%
Remote Locations	500,000	500,000	0	0.00%
Total Service Charges	<u>70,930,287</u>	<u>77,680,402</u>	<u>6,750,115</u>	<u>9.52%</u>
Other Revenues:				
Interest Income Investments	150,000	50,000	-100,000	-66.67%
Residual Waste	5,250,000	5,750,000	500,000	9.52%
Covanta Effluent Usage	90,000	90,000	0	0.00%
Load Surcharge	325,000	325,000	0	0.00%
Other Income	<u>300,000</u>	<u>250,000</u>	<u>-50,000</u>	<u>-16.67%</u>
	6,115,000	6,465,000	350,000	5.72%
Total Revenues	<u>77,045,287</u>	<u>84,145,402</u>	<u>7,100,115</u>	<u>9.22%</u>
Expense:				
Philadelphia Plant Treatment Costs	13,801,708	15,200,001	1,398,293	10.13%
Debt Service	12,800,000	12,175,000	-625,000	-4.88%
Salaries & Wages	12,491,346	13,391,923	900,577	7.21%
Overtime	1,467,500	1,411,200	-56,300	-3.84%
Utilities	2,579,150	2,654,700	75,550	2.93%
Chemicals	1,271,000	1,371,000	100,000	7.87%
Employee Benefits	4,947,490	4,825,005	-122,485	-2.48%
Pension	1,805,000	2,230,001	425,001	23.55%
Repairs & Maintenance	2,902,975	3,227,673	324,698	11.19%
Insurance	951,775	950,859	-916	-0.10%
Minor Equipment & Supplies	232,146	249,400	17,254	7.43%
Information Technology	1,152,000	1,182,500	30,500	2.65%
Solicitor	1,500,000	1,000,000	-500,000	-33.33%
Consulting	500,000	500,000	0	0.00%
Solids Disposal/Grit Screening	1,375,000	1,375,000	0	0.00%
Engineering	525,000	525,000	0	0.00%
Other Contracted Services	971,800	903,650	-68,150	-7.01%
Office & Advertising	186,000	180,000	-6,000	-3.23%
Dues and Conferences	48,950	45,450	-3,500	-7.15%
Edgmont Treatment	175,000	195,000	20,000	11.43%
Education and Training	123,500	115,000	-8,500	-6.88%
Contingency	700,000	700,000	0	0.00%
Reserve For Doubtful Accounts	<u>500,000</u>	<u>250,000</u>	<u>-250,000</u>	<u>-50.00%</u>
Total Expenses	<u>63,007,340</u>	<u>64,658,362</u>	<u>1,651,022</u>	<u>2.62%</u>
Reserve For Replacing Capital Assets	<u>14,037,947</u>	<u>19,487,040</u>	<u>5,449,093</u>	<u>38.82%</u>

NC = Not Calculable

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2022 Budget

EXPENSE BY DEPARTMENT

	<u>2021</u>	<u>2022</u>	<u>\$ Change</u>	<u>% Change</u>
Expense:				
Administration, IT, Engineering				
Total	\$8,643,220	\$8,032,310	-\$610,910	-7.07%
Debt Service:				
Total	\$12,800,000	\$12,175,000	-\$625,000	-4.88%
Operations and Maintenance:				
Eastern Delaware County:				
Pump Stations	\$1,021,567	\$1,103,066	\$81,499	7.98%
Philadelphia Treatment	\$13,801,708	\$15,200,001	\$1,398,293	10.13%
Total East Expenses	<u>\$14,823,275</u>	<u>\$16,303,067</u>	<u>\$1,479,792</u>	<u>9.98%</u>
Western Delaware County:				
Western Regional Treatment Plant	\$13,880,262	\$14,696,995	\$816,733	5.88%
Industrial Pretreatment	\$477,974	\$404,564	-\$73,410	-15.36%
Central Lab	\$835,098	\$939,329	\$104,231	12.48%
Chester Pump Station	\$348,890	\$365,429	\$16,539	4.74%
Sewer Maintenance	\$2,654,887	\$2,928,788	\$273,901	10.32%
Chester Area Lift Stations	\$112,063	\$114,627	\$2,564	2.29%
Eddystone Pump Station	\$68,726	\$72,621	\$3,895	5.67%
Customer Revenue (Billing)	\$764,721	\$687,830	-\$76,891	-10.05%
Marcus Hook/Lower Chi	\$108,182	\$115,134	\$6,952	6.43%
Trainer Pump Stations	\$33,953	\$32,632	-\$1,321	-3.89%
Remote Locations	\$2,258,448	\$2,520,100	\$261,652	11.59%
Sludge Processing	\$3,207,750	\$3,513,250	\$305,500	9.52%
Southern Pump Stations	\$80,356	\$78,363	-\$1,993	-2.48%
Chester Ridley Creek	\$315,474	\$326,375	\$10,901	3.46%
Edgmont	\$394,061	\$401,948	\$7,887	2.00%
Reserve For Doubtful Accounts	\$500,000	\$250,000	-\$250,000	-50.00%
Contingency	\$700,000	\$700,000	\$0	0.00%
Total West Expenses	<u>\$26,740,845</u>	<u>\$28,147,985</u>	<u>\$1,407,140</u>	<u>5.26%</u>
Total Expenses	<u>\$63,007,340</u>	<u>\$64,658,362</u>	<u>\$1,651,022</u>	<u>2.62%</u>
Expenses Without Debt Service	<u>\$50,207,340</u>	<u>\$52,483,362</u>	<u>\$2,276,022</u>	<u>4.53%</u>

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2022

ESTIMATE OF SERVICE CHARGES

FOR

CENTRAL DELAWARE COUNTY AUTHORITY

DARBY CREEK JOINT AUTHORITY

MUCKINIPATES AUTHORITY

In Accordance With Section 3.06 of the
Service agreements Dated December 1, 1973
(plus subsequent amendments)

Adopted by Board: November 16, 2021

Approved by
Consulting Engineer: _____

**2022
ESTIMATE
SERVICE CHARGE**

To: Central Delaware County Authority

Statement of Estimates of Service Charge for
Calendar Year 2022 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2021	2022
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$38,885,275	\$42,796,250
2. Estimated Amount to be Paid to DELCORA During Year	\$11,420,850	\$12,533,188
3. Amount of Credit Resulting from Previous Years Overpayment	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	\$0	\$0
Net Estimated Billing	\$11,420,850	\$12,533,188
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$11,420,850	\$12,533,188

Payment of Above Due as Follows:

March 31, 2022	\$3,133,297
June 30, 2022	\$3,133,297
September 30, 2022	\$3,133,297
December 31, 2022	\$3,133,297
 Total	 \$12,533,188

**2022
ESTIMATE
SERVICE CHARGE**

To: Darby Creek Joint Authority

Statement of Estimates of Service Charge for
Calendar Year 2022 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2021	2022
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$38,885,275	\$42,796,250
2. Estimated Amount to be Paid to DELCORA During Year	\$22,297,850	\$24,760,688
3. Amount of Credit Resulting from Previous Years Overpayment NONE	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	\$0	\$0
Net Estimated Billing	\$22,297,850	\$24,760,688
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$22,297,850	\$24,760,688

Payment of Above Due as Follows:

March 31, 2022	\$6,190,172
June 30, 2022	\$6,190,172
September 30, 2022	\$6,190,172
December 31, 2022	\$6,190,172
Total	\$24,760,688

**2022
ESTIMATE
SERVICE CHARGE**

To: Muckinipates Authority

Statement of Estimates of Service Charge for
Calendar Year 2022 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2021	2022
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$38,885,275	\$42,796,250
2. Estimated Amount to be Paid to DELCORA During Year	\$5,166,575	\$5,502,375
3. Amount of Credit Resulting from Previous Years Overpayment	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	\$0	\$0
Net Estimated Billing	\$5,166,575	\$5,502,375
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$5,166,575	\$5,502,375

Payment of Above Due as Follows:

March 31, 2022	\$1,375,594
June 30, 2022	\$1,375,594
September 30, 2022	\$1,375,594
December 31, 2022	\$1,375,594
Total	\$5,502,375