

DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY  
DELAWARE COUNTY, PENNSYLVANIA  
2023 BUDGET

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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, 2023  
and  
Statements of Service Charges to be Imposed  
on Users for Said Year

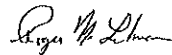
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Prepared by:  
Robert J. Willert, Executive Director

Mike Cherico, Chief Financial Officer  
Shep Garner, Accounting Manager

Proposed Adoption by Board: 11/15/2022

Approved by  
Consulting Engineer:



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**DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY  
2023 BUDGET**

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DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY  
'2023 BUDGET

RATES AND CHARGES - WESTERN

	PROJECTED FLOW IN 1000 GALLONS			RATE			Total Revenue		% Change	\$ Change
	2022	2023	% Change	1,000 Gallons/ or Charge Per Minimum	%	2022	2023			
	2022	2023	Change	2022	2023	2022	2023			
<b>Retail</b>										
Chester City	769,330	853,050	10.65%	\$7.11	\$7.47	5.06%	\$5,469,836	\$6,372,284	18.50%	\$902,347
Parkside	43,235	43,272	0.09%	\$7.11	\$7.47	5.06%	\$307,401	\$323,242	5.15%	\$15,841
Upland	136,551	117,878	-13.60%	\$7.11	\$7.47	5.06%	\$970,878	\$881,298	-9.23%	-\$89,582
Chester Twp.	35,237	38,548	9.39%	\$7.11	\$7.47	5.06%	\$250,635	\$287,039	14.93%	\$37,404
Trainer	41,230	39,510	-4.17%	\$7.11	\$7.47	5.06%	\$293,145	\$295,140	0.68%	\$1,994
Marcus Hook	44,733	42,412	-5.19%	\$10.05	\$11.39	4.89%	\$455,353	\$493,073	8.41%	\$37,720
Minimums # of accounts	3,650	3,300	-9.59%	\$142.20	\$149.31	5.00%	\$518,030	\$492,723	-5.07%	-\$25,307
<b>TOTAL</b>	<b>1,073,868</b>	<b>1,138,068</b>	<b>5.97%</b>				<b>\$8,226,278</b>	<b>\$9,135,695</b>	<b>10.12%</b>	<b>\$909,417</b>
<b>Retail Industrial</b>										
Exelon	1,624	1,551	-4.50%	\$8.57	\$9.00	5.02%	\$13,918	\$13,959	0.30%	\$41
CBR Linen	14,000	20,000	42.86%	\$8.57	\$9.00	5.02%	\$119,960	\$180,000	50.03%	\$60,020
PO	21,377	20,500	-4.07%	\$8.57	\$9.00	5.02%	\$183,201	\$183,000	0.22%	-\$59
Delco Linens	8,000	5,125	-35.94%	\$8.57	\$9.00	5.02%	\$68,560	\$46,125	-32.72%	-\$22,435
Covanta	2,000	2,000	0.00%	\$8.57	\$9.00	5.02%	\$17,140	\$18,000	5.02%	\$860
Congoleum	4,000	3,446	-13.85%	\$8.57	\$9.00	5.02%	\$34,260	\$31,014	-9.53%	-\$3,246
Monroe - Sanitary	6,000	6,000	0.00%	\$8.57	\$9.00	5.02%	\$51,420	\$54,000	5.02%	\$2,580
<b>TOTAL</b>	<b>\$7,001</b>	<b>\$8,622</b>	<b>2.67%</b>				<b>\$468,499</b>	<b>\$526,698</b>	<b>7.82%</b>	<b>\$58,199</b>
<b>Wholesale</b>										
<b>EDU.</b>										
Brookhaven	294,868	293,830	-0.35%	\$3.56	\$3.74	5.08%	\$1,049,730	\$1,098,924	4.69%	\$49,194
Nether Providence	361,903	353,278	-2.38%	\$3.56	\$3.74	5.08%	\$1,288,375	\$1,321,260	2.55%	\$32,885
<b>TOTAL</b>	<b>656,771</b>	<b>647,108</b>	<b>-1.47%</b>				<b>\$2,338,105</b>	<b>\$2,420,184</b>	<b>3.51%</b>	<b>\$82,079</b>
<b>WESTERN:</b>										
Southern	784,750	784,750	0.00%	\$3.54	\$3.72	5.08%	\$2,778,015	\$2,919,270	5.08%	\$141,255
Soccer Stadium	4,650	4,650	0.00%	\$3.54	\$3.72	5.08%	\$16,461	\$17,298	5.08%	\$837
Eddystone	148,000	148,000	0.00%	\$3.54	\$3.72	5.08%	\$518,840	\$543,120	5.08%	\$24,280
Boeing	47,000	47,000	0.00%	\$3.54	\$3.72	5.08%	\$166,360	\$174,840	5.08%	\$8,480
Hannah's Ranch	21,000	21,000	0.00%	\$3.54	\$3.72	5.08%	\$74,340	\$78,120	5.08%	\$3,780
Lower Chichester	200,750	200,750	0.00%	\$3.54	\$3.72	5.08%	\$710,655	\$746,790	5.08%	\$36,135
<b>TOTAL</b>	<b>1,204,150</b>	<b>1,204,150</b>	<b>0.00%</b>				<b>\$4,262,691</b>	<b>\$4,479,438</b>	<b>5.08%</b>	<b>\$216,747</b>
<b>Wholesale Industrial:</b>										
Kimberly Clark	1,277,600	1,055,000	-14.29%	\$3.93	\$4.13	5.09%	\$5,029,575	\$4,522,350	-9.92%	-\$507,225
Energy Transfer Part (Sunoco)	1,102,665	1,109,235	0.60%	\$3.93	\$4.13	5.09%	\$4,333,473	\$4,581,141	5.72%	\$247,667
Braskem	80,000	77,000	-3.75%	\$3.93	\$4.13	5.09%	\$314,400	\$318,010	1.15%	\$3,610
Dynegy (Liberty Electric)	58,100	59,000	1.55%	\$3.93	\$4.13	5.09%	\$228,333	\$243,670	6.72%	\$15,337
Monroe-Process	58,400	51,100	-12.50%	\$3.93	\$4.13	5.09%	\$229,512	\$211,043	-8.05%	-\$18,469
Marcus Hook Energy (FPL)	85,000	90,000	5.88%	\$3.93	\$4.13	5.09%	\$334,050	\$371,700	11.27%	\$37,650
<b>TOTAL</b>	<b>2,661,665</b>	<b>2,481,335</b>	<b>-6.76%</b>				<b>\$10,460,343</b>	<b>\$10,247,914</b>	<b>-2.03%</b>	<b>-\$212,430</b>
<b>Chester Ridgway Creek</b>										
Southwest Authority	965,500	967,250	1.85%	\$3.79	\$3.95	4.22%	\$3,735,045	\$3,820,638	2.29%	\$85,593
Middletown	602,250	602,250	0.00%	\$4.33	\$4.55	5.08%	\$2,607,743	\$2,740,238	5.08%	\$132,495
<b>Total</b>	<b>1,567,750</b>	<b>1,569,500</b>	<b>1.15%</b>				<b>\$6,342,788</b>	<b>\$6,560,875</b>	<b>3.44%</b>	<b>\$218,088</b>
<b>Total West</b>	<b>7,241,303</b>	<b>7,098,683</b>	<b>-1.97%</b>				<b>\$32,168,703</b>	<b>\$33,370,603</b>	<b>3.67%</b>	<b>\$1,162,100</b>

(1) Plus excess BOD/TSS surcharge at \$3.32/LB and \$2.65/LB respectively.  
De'cora has a surcharge for BOD and TSS over 300 MG/L. Permit  
Industries at times send De'cora an excess of this amount, which  
may result in a surcharge amount.

DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY  
'2023 Budget

**RATES AND CHARGES- Eastern**

	PROJECTED FLOW IN 1,000 GALLONS		% Change	RATE Per 1000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2022 Budget	2023 Budget		2022 Budget	2023 Budget		2022 Budget	2023 Budget		
	<b>Eastern Authority</b>									
Central Delaware County Authority	3,741,250	3,666,500	-1.46%	\$3.35	\$3.52	5.07%	\$12,533,188	\$12,976,460	3.54%	\$443,293
Darby Creek Joint Authority	7,391,250	7,300,000	-1.23%	\$3.35	\$3.52	5.07%	\$24,760,688	\$25,696,000	3.78%	\$935,313
Muckinipates Authority	1,642,500	1,642,500	0.00%	\$3.35	\$3.52	5.07%	\$5,502,375	\$5,781,600	5.07%	\$279,225
<b>TOTAL</b>	<b>12,775,000</b>	<b>12,629,000</b>	<b>-1.14%</b>				<b>\$42,796,250</b>	<b>\$44,454,060</b>	<b>3.87%</b>	<b>\$1,657,830</b>

**RATES AND CHARGES- Other Residential**

	Number of EDU's/ 1000 Gallons		% Change	RATE Per EDU/ 1000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2022 Budget	2023 Budget		2022 Budget	2023 Budget		2022 Budget	2023 Budget		
	<b>Rose Valley Pump Station</b>									
Rose Valley Residents	373	373	0.00%	\$1,198.00	\$1,257.90	5.00%	\$446,854	\$469,197	5.00%	\$22,343
Nether Providence Residents	127	127	0.00%	\$1,198.00	\$1,257.90	5.00%	\$152,146	\$159,753	5.00%	\$7,607
Total Rose Valley Pump Station	500	500	0.00%				\$599,000	\$628,950	5.00%	\$29,950
<b>Springhill Farms Wastewater Authority</b>										
Residential Based on EDU	282	282	0.00%	\$237.30	\$237.30	0.00%	\$66,919	\$66,919	0.00%	\$0
Residential Based on Flow	9,160	9,050	-1.20%	\$11.36	\$11.36	0.00%	\$104,058	\$102,808	-1.20%	-\$1,250
Commercial Based on EDU	112	112	0.00%	\$557.82	\$557.82	0.00%	\$62,477	\$62,476	0.00%	-\$1
Commercial Based on Flow	8,552	6,785	-20.66%	\$11.36	\$11.36	0.00%	\$97,151	\$77,078	-20.66%	-\$20,073
							\$330,604	\$309,280	-6.45%	-\$21,324
<b>Pocopson</b>										
Riverside	160	160	0.00%	\$1,175.50	\$1,234.25	5.00%	\$188,080	\$197,480	5.00%	\$9,400
Preserve	66	66	0.00%	\$1,732.50	\$1,819.05	5.00%	\$114,345	\$120,057	5.00%	\$5,712
	226	226	0.00%				\$302,425	\$317,537	5.00%	\$15,112
<b>Edgmont</b>										
Residential	679	740	8.98%	\$997.50	\$1,047.35	5.00%	\$677,303	\$775,039	14.43%	\$97,736
Commercial Based on EDU	152	152	0.00%	\$798.00	\$837.80	5.00%	\$121,296	\$127,381	5.00%	\$6,085
Commercial Based on Flow	12,387	11,750	-5.14%	\$9.97	\$10.46	4.91%	\$123,488	\$122,903	-0.48%	-\$593
							\$922,097	\$1,025,305		\$103,208
<b>TOTAL</b>							<b>\$2,154,126</b>	<b>\$2,281,072</b>	<b>5.89%</b>	<b>\$126,946</b>

**DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY**

**2023 Budget**

**REVENUE AND EXPENSE ANALYSIS**

Revenues:	2022	2023	\$ Change	% Change
<b>Service Charges:</b>				
Eastern Delaware County				
Central Delaware County Authority	12,533,188	12,976,480	443,293	3.54%
Darby Creek Joint Authority	24,760,688	25,696,000	935,313	3.78%
Muckinipates Authority	5,502,375	5,781,600	279,225	5.07%
	<u>42,796,250</u>	<u>44,454,080</u>	<u>1,657,830</u>	<u>3.87%</u>
<b>Western Delaware County</b>				
Residential	8,296,278	9,135,695	839,417	10.12%
EDU Wholesale	2,338,105	2,420,184	82,079	3.51%
Retail Industrial	488,499	526,698	38,199	7.82%
Western Wholesale	4,262,691	4,479,438	216,747	5.08%
Wholesale Industrial	10,460,343	10,247,914	-212,430	-2.03%
Chester Ridley Creek	6,342,788	6,560,875	218,088	3.44%
	<u>32,188,703</u>	<u>33,370,803</u>	<u>1,182,100</u>	<u>3.67%</u>
Other Residential	2,154,126	2,281,072	126,946	5.89%
Remote Locations	500,000	500,000	0	0.00%
<b>Total Service Charges</b>	<u>77,639,079</u>	<u>80,605,956</u>	<u>2,966,876</u>	<u>3.82%</u>
<b>Other Revenues:</b>				
Interest Income Investments	50,000	1,325,000	1,275,000	2550.00%
Residual Waste	5,750,000	5,750,000	0	0.00%
Covanta Effluent Usage	90,000	90,000	0	0.00%
Load Surcharge	325,000	325,000	0	0.00%
Other Income	250,000	250,000	0	0.00%
	<u>6,465,000</u>	<u>7,740,000</u>	<u>1,275,000</u>	<u>19.72%</u>
<b>Total Revenues</b>	<u>84,104,079</u>	<u>88,345,956</u>	<u>4,241,876</u>	<u>5.04%</u>
<b>Expense:</b>				
Philadelphia Plant Treatment Costs	15,200,001	15,300,000	99,999	0.66%
Debt Service	12,175,000	17,600,000	5,425,000	44.56%
Salaries & Wages	13,391,923	14,096,882	704,959	5.26%
Overtime	1,411,200	1,485,000	73,800	5.23%
Utilities	2,654,700	3,530,875	876,175	33.00%
Chemicals	1,371,000	2,351,000	980,000	71.48%
Employee Benefits	4,825,005	4,877,064	52,059	1.08%
Pension	2,230,001	2,100,676	-129,325	-5.80%
Repairs & Maintenance	3,227,673	3,530,650	302,977	9.39%
Insurance	950,859	1,006,182	55,323	5.82%
Minor Equipment & Supplies	249,400	326,150	76,750	30.77%
Information Technology	1,182,500	1,069,000	-113,500	-9.60%
Solicitor	1,000,000	1,000,000	0	0.00%
Consulting	500,000	500,000	0	0.00%
Solids Disposal/Grit Screening	1,375,000	1,500,000	125,000	9.09%
Engineering	525,000	775,000	250,000	47.62%
Other Contracted Services	903,650	1,068,100	164,450	18.20%
Office & Advertising	180,000	221,700	41,700	23.17%
Dues and Conferences	45,450	65,250	19,800	43.56%
Edgmont Treatment	195,000	200,000	5,000	2.56%
Education and Training	115,000	104,500	-10,500	-9.13%
Contingency	700,000	2,500,000	1,800,000	257.14%
Reserve For Doubtful Accounts	250,000	125,000	-125,000	-50.00%
<b>Total Expenses</b>	<u>64,658,362</u>	<u>75,333,029</u>	<u>10,674,667</u>	<u>16.51%</u>
Reserve For Replacing Capital Assets	19,445,717	13,012,927	-6,432,791	-33.08%

NC = Not Calculable

**DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY**

**2023 Budget**

**EXPENSE BY DEPARTMENT**

	<u>2022</u>	<u>2023</u>	<u>\$ Change</u>	<u>% Change</u>
Expense:				
Administration, IT, Engineering				
Total	\$8,032,310	\$8,356,784	\$324,474	4.04%
Debt Service:				
Total	\$12,175,000	\$17,600,000	\$5,425,000	44.56%
Operations and Maintenance:				
Eastern Delaware County:				
Pump Stations	\$1,103,066	\$1,211,411	\$108,345	9.82%
Philadelphia Treatment	\$15,200,001	\$15,300,000	\$99,999	0.66%
Total East Expenses	<u>\$16,303,067</u>	<u>\$16,511,411</u>	<u>\$208,344</u>	<u>1.28%</u>
Western Delaware County:				
Western Regional Treatment Plant	\$14,696,995	\$17,030,563	\$2,333,568	15.88%
Industrial Pretreatment	\$404,564	\$515,904	\$111,340	27.52%
Central Lab	\$939,329	\$942,331	\$3,002	0.32%
Chester Pump Station	\$365,429	\$430,576	\$65,147	17.83%
Sewer Maintenance	\$2,928,788	\$3,213,687	\$284,899	9.73%
Chester Area Lift Stations	\$114,627	\$125,842	\$11,215	9.78%
Eddystone Pump Station	\$72,621	\$85,754	\$13,133	18.08%
Customer Revenue (Billing)	\$687,830	\$641,232	-\$46,598	-6.77%
Marcus Hook/Lower Chi	\$115,134	\$146,269	\$31,135	27.04%
Trainer Pump Stations	\$32,632	\$34,758	\$2,126	6.52%
Remote Locations	\$2,520,100	\$2,722,859	\$202,759	8.05%
Sludge Processing	\$3,513,250	\$3,513,250	\$0	0.00%
Southern Pump Stations	\$78,363	\$83,546	\$5,183	6.61%
Chester Ridley Creek	\$326,375	\$340,148	\$13,773	4.22%
Edgmont	\$401,948	\$413,115	\$11,167	2.78%
Reserve For Doubtful Accounts	\$250,000	\$125,000	-\$125,000	-50.00%
Contingency	\$700,000	\$2,500,000	\$1,800,000	257.14%
Total West Expenses	<u>\$28,147,985</u>	<u>\$32,864,834</u>	<u>\$4,716,849</u>	<u>16.76%</u>
Total Expenses	<u>\$64,658,362</u>	<u>\$75,333,029</u>	<u>\$10,674,667</u>	<u>16.51%</u>
Expenses Without Debt Service	<u>\$52,483,362</u>	<u>\$57,733,029</u>	<u>\$5,249,667</u>	<u>10.00%</u>

DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY

2023

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ESTIMATE OF SERVICE CHARGES

FOR

CENTRAL DELAWARE COUNTY AUTHORITY

DARBY CREEK JOINT AUTHORITY

MUCKINIPATES AUTHORITY

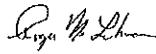
In Accordance With Section 3.06 of the  
Service agreements Dated December 1, 1973  
( plus subsequent amendments)

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Adopted by Board: November 15, 2022

Approved by  
Consulting Engineer:



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**2023  
ESTIMATE  
SERVICE CHARGE**

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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)

	2022	2023
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$42,796,250	\$44,454,080
2. Estimated Amount to be Paid to DELCORA During Year	\$12,533,188	\$12,976,480
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	\$12,533,188	\$12,976,480
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$12,533,188	\$12,976,480

Payment of Above Due as Follows:

March 31, 2023	\$3,244,120
June 30, 2023	\$3,244,120
September 30, 2023	\$3,244,120
December 31, 2023	\$3,244,120
Total	\$12,976,480



**2023  
ESTIMATE  
SERVICE CHARGE**

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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)

	2022	2023
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$42,796,250	\$44,454,080
2. Estimated Amount to be Paid to DELCORA During Year	\$24,760,688	\$25,696,000
3. Amount of Credit Resulting from Previous Years Overpayment <span style="float: right;">NONE</span>	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	\$0	\$0
Net Estimated Billing	\$24,760,688	\$25,696,000
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$24,760,688	\$25,696,000

Payment of Above Due as Follows:

March 31, 2023	\$6,424,000
June 30, 2023	\$6,424,000
September 30, 2023	\$6,424,000
December 31, 2023	\$6,424,000
Total	\$25,696,000

**2023  
ESTIMATE  
SERVICE CHARGE**

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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)

	2022	2023
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$42,796,250	\$44,454,080
2. Estimated Amount to be Paid to DELCORA During Year	\$5,502,375	\$5,781,600
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	\$5,502,375	\$5,781,600
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$5,502,375	\$5,781,600

Payment of Above Due as Follows:

March 31, 2023	\$1,445,400
June 30, 2023	\$1,445,400
September 30, 2023	\$1,445,400
December 31, 2023	\$1,445,400
Total	\$5,781,600