

DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY

DELAWARE COUNTY, PENNSYLVANIA

2024 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, 2024

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: 11/21/2023

Approved by  
Consulting Engineer:



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**DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY  
2024 BUDGET**

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DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY  
2024 BUDGET

RATES AND CHARGES- WESTERN

	PROJECTED FLOW IN 1000 GALLONS		RATE or Charge Per Minimum		% Change		Total Revenue		% Change		\$ Change
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	
			%	1,000 Gallons/	%						
<b>Retail:</b>											
Chester City	859,050	859,634	0.77%	\$7.47	2.95%	\$7.69	\$6,372,284	\$6,610,585	3.74%	\$238,302	
Parkside	43,272	42,206	-2.46%	\$7.47	2.95%	\$7.69	\$323,242	\$324,564	0.41%	\$1,322	
Upland	117,978	120,278	1.95%	\$7.47	2.95%	\$7.69	\$881,296	\$924,938	4.95%	\$43,642	
Chester Twp.	38,546	37,980	-1.47%	\$7.47	2.95%	\$7.69	\$287,939	\$292,066	1.43%	\$4,128	
Trainer	39,510	39,974	1.17%	\$7.47	2.95%	\$7.69	\$295,140	\$307,400	4.15%	\$12,260	
Marcus Hook	42,412	44,417	4.73%	\$11.39	-32.48%	\$7.69	\$483,073	\$341,567	-29.25%	-\$141,506	
Minimums # of accounts	3,300	3,300	0.00%	\$149.31	3.06%	\$153.88	\$492,723	\$507,804	3.06%	\$15,081	
<b>TOTAL</b>	<b>1,138,068</b>	<b>1,147,789</b>	<b>0.85%</b>			<b>\$9,135,695</b>	<b>\$9,308,924</b>	<b>1.90%</b>		<b>\$173,229</b>	
<b>Retail Industrial:</b>											
Exelon	1,551	1,535	-1.03%	\$9.00	3.00%	\$9.27	\$13,959	\$14,229	1.94%	\$270	
C&R Linen	20,000	20,000	0.00%	\$9.00	3.00%	\$9.27	\$180,000	\$185,400	3.00%	\$5,400	
PQ	20,400	15,000	-26.47%	\$9.00	3.00%	\$9.27	\$183,600	\$139,050	-24.25%	-\$44,550	
Delco Linens	5,125	6,000	17.07%	\$9.00	3.00%	\$9.27	\$46,125	\$55,620	20.59%	\$9,495	
Covanta	2,000	2,000	0.00%	\$9.00	3.00%	\$9.27	\$18,000	\$18,540	3.00%	\$540	
Congleum	3,446	3,446	0.00%	\$9.00	3.00%	\$9.27	\$31,014	\$31,944	3.00%	\$930	
Montree - Sanitary	6,000	5,500	-8.33%	\$9.00	3.00%	\$9.27	\$54,000	\$50,985	-5.58%	-\$3,015	
<b>TOTAL</b>	<b>58,522</b>	<b>53,481</b>	<b>-8.61%</b>			<b>\$526,698</b>	<b>\$495,769</b>	<b>-5.87%</b>		<b>-\$30,929</b>	
<b>Wholesale</b>											
<b>EDU:</b>											
Brookhaven	293,830	292,819	-0.34%	\$3.74	2.94%	\$3.85	\$1,098,924	\$1,127,363	2.59%	\$28,439	
Nether Providence	353,278	340,881	-3.51%	\$3.74	2.94%	\$3.85	\$1,321,260	\$1,312,392	-0.67%	-\$8,868	
<b>TOTAL</b>	<b>647,108</b>	<b>633,700</b>	<b>-2.07%</b>			<b>\$2,420,184</b>	<b>\$2,439,745</b>	<b>0.81%</b>		<b>\$19,561</b>	
<b>WESTERN:</b>											
Southern	784,750	766,500	-2.33%	\$3.72	2.96%	\$3.83	\$2,919,270	\$2,935,695	0.56%	\$16,425	
Soccer Stadium	4,650	4,650	0.00%	\$3.72	2.96%	\$3.83	\$17,298	\$17,810	2.96%	\$512	
Eddystone	146,000	146,000	0.00%	\$3.72	2.96%	\$3.83	\$543,120	\$559,180	2.96%	\$16,060	
Boeing	47,000	47,000	0.00%	\$3.72	2.96%	\$3.83	\$174,840	\$180,010	2.96%	\$5,170	
Harrah's Racino	21,000	15,000	-28.57%	\$3.72	2.96%	\$3.83	\$78,120	\$57,450	-26.45%	-\$20,670	
Lower-Chichester	200,750	200,750	0.00%	\$3.72	2.96%	\$3.83	\$746,790	\$768,873	2.96%	\$22,083	
<b>TOTAL</b>	<b>1,204,150</b>	<b>1,179,900</b>	<b>-2.01%</b>			<b>\$4,479,438</b>	<b>\$4,519,017</b>	<b>0.88%</b>		<b>\$39,579</b>	
<b>Wholesale Industrial:</b>											
Kimberly Clark	1,095,000	1,166,000	6.67%	\$4.13	2.91%	\$4.25	\$4,522,350	\$4,964,000	9.77%	\$441,650	
Energy Transfer Part.(Sunoco)	1,109,235	1,253,775	13.03%	\$4.13	2.91%	\$4.25	\$4,581,141	\$5,328,544	16.31%	\$747,403	
Braskem	77,000	63,000	-18.18%	\$4.13	2.91%	\$4.25	\$318,010	\$267,750	-15.80%	-\$50,260	
Dynegy (Liberty Electric)	59,000	76,500	29.66%	\$4.13	2.91%	\$4.25	\$243,670	\$325,125	33.43%	\$81,455	
Monroe-Process	51,100	54,750	7.14%	\$4.13	2.91%	\$4.25	\$211,043	\$232,688	10.26%	\$21,645	
Marcus Hook Energy (FPL)	90,000	90,000	0.00%	\$4.13	2.91%	\$4.25	\$371,700	\$382,500	2.91%	\$10,800	
<b>TOTAL</b>	<b>2,481,335</b>	<b>2,706,025</b>	<b>9.06%</b>			<b>\$10,247,914</b>	<b>\$11,500,606</b>	<b>12.22%</b>		<b>\$1,252,693</b>	
<b>Chester Ridley Creek</b>											
Southwest Authority	967,250	967,250	0.00%	\$3.95	3.80%	\$4.10	\$3,820,638	\$3,965,725	3.80%	\$145,088	
Middletown	602,250	602,250	0.00%	\$4.55	3.08%	\$4.69	\$2,740,238	\$2,824,553	3.08%	\$84,315	
<b>Total</b>	<b>1,569,500</b>	<b>1,569,500</b>	<b>0.00%</b>			<b>\$6,560,875</b>	<b>\$6,790,278</b>	<b>3.50%</b>		<b>\$229,403</b>	
<b>Total West</b>	<b>7,098,683</b>	<b>7,290,395</b>	<b>2.70%</b>			<b>\$33,370,803</b>	<b>\$35,054,339</b>	<b>5.04%</b>		<b>\$1,683,536</b>	

(1) Plus excess BOD/TSS surcharge at \$.32/LB and \$.285/LB respectively. Delcora has a surcharge for BOD and TSS over 300 MGL. 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

'2024 Budget  
**RATES AND CHARGES- Eastern**

	PROJECTED FLOW IN 1,000 GALLONS		% Change	RATE Per 000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2023 Budget	2024 Budget		2023 Budget	2024 Budget		2023 Budget	2024 Budget		
Eastern Authority										
Central Delaware County Authority	3,686,500	3,650,000	-0.99%	\$3.52	\$3.63	3.13%	\$12,976,480	\$13,249,500	2.10%	\$273,020
Darby Creek Joint Authority	7,300,000	7,208,750	-1.25%	\$3.52	\$3.63	3.13%	\$25,696,000	\$26,167,763	1.84%	\$471,763
Muckinipates Authority	1,642,500	1,606,000	-2.22%	\$3.52	\$3.63	3.13%	\$5,781,600	\$5,829,780	0.83%	\$48,180
<b>TOTAL</b>	12,629,000	12,464,750	-1.30%				\$44,454,080	\$45,247,043	1.78%	\$792,963

**RATES AND CHARGES- Other Residential**

	Number of EDU's/ 000 Gallons		% Change	RATE Per EDU/ 000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2023 Budget	2024 Budget		2023 Budget	2024 Budget		2023 Budget	2024 Budget		
<u>Rose Valley Pump Station</u>										
Rose Valley Residents	373	373	0.00%	\$1,257.90	\$1,295.64	3.00%	\$469,197	\$483,274	3.00%	\$14,077
Nether Providence Residents	127	127	0.00%	\$1,257.90	\$1,295.64	3.00%	\$159,753	\$164,546	3.00%	\$4,793
Total Rose Valley Pump Station	500	500	0.00%				\$628,950	\$647,820	3.00%	\$18,870
<u>Springhill Farms Wastewater Authority</u>										
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	9,050	9,050	0.00%	\$11.36	\$11.36	0.00%	\$102,808	\$102,808	0.00%	\$0
Commercial Based on EDU	112	112	0.00%	\$557.82	\$557.82	0.00%	\$62,476	\$62,476	0.00%	\$0
Commercial Based on Flow	6,785	6,785	0.00%	\$11.36	\$11.36	0.00%	\$77,078	\$77,078	0.00%	\$0
<b>Pocopson</b>							\$309,280	\$309,280	0.00%	\$0
<u>Riverside</u>										
Riverside	160	160	0.00%	\$1,234.25	\$1,271.28	3.00%	\$197,480	\$203,405	3.00%	\$5,925
Preserve	66	66	0.00%	\$1,819.05	\$1,873.62	3.00%	\$120,057	\$123,659	3.00%	\$3,602
	226	226	0.00%				\$317,537	\$327,064	3.00%	\$9,526
<u>Edgmont</u>										
Residential	740	740	0.00%	\$1,047.35	\$1,078.77	3.00%	\$775,039	\$798,290	3.00%	\$23,251
Commercial Based on EDU	152	152	0.00%	\$837.90	\$863.04	3.00%	\$127,361	\$131,182	3.00%	\$3,821
Commercial Based on Flow	11,750	11,750	0.00%	\$10.46	\$10.77	2.96%	\$122,905	\$126,548	2.96%	\$3,642
							\$1,025,305	\$1,056,019		\$30,715
<b>TOTAL</b>							\$2,281,072	\$2,340,183	2.59%	\$59,111

**DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY**

**2024 Budget**

**REVENUE AND EXPENSE ANALYSIS**

Revenues:	2023	2024	\$ Change	% Change
<b>Service Charges:</b>				
Eastern Delaware County				
Central Delaware County Authority	12,976,480	13,249,500	273,020	2.10%
Darby Creek Joint Authority	25,696,000	26,167,763	471,763	1.84%
Muckinipates Authority	5,781,600	5,829,780	48,180	0.83%
	<u>44,454,080</u>	<u>45,247,043</u>	<u>792,963</u>	<u>1.78%</u>
Western Delaware County				
Residential	9,135,695	9,308,924	173,229	1.90%
EDU Wholesale	2,420,184	2,439,745	19,561	0.81%
Retail Industrial	526,698	495,769	-30,929	-5.87%
Western Wholesale	4,479,438	4,519,017	39,579	0.88%
Wholesale Industrial	10,247,914	11,500,606	1,252,693	12.22%
Chester Ridley Creek	6,560,875	6,790,278	229,403	3.50%
	<u>33,370,803</u>	<u>35,054,339</u>	<u>1,683,536</u>	<u>5.04%</u>
Other Residential	2,281,072	2,340,183	59,111	2.59%
Remote Locations	500,000	500,000	0	0.00%
<b>Total Service Charges</b>	<u>80,605,956</u>	<u>83,141,565</u>	<u>2,535,609</u>	<u>3.15%</u>
<b>Other Revenues:</b>				
Interest Income Investments	1,325,000	2,000,000	675,000	50.94%
Residual Waste	5,750,000	6,000,000	250,000	4.35%
Covanta Effluent Usage	90,000	90,000	0	0.00%
Load Surcharge	325,000	300,000	-25,000	-7.69%
Other Income	250,000	150,000	-100,000	-40.00%
	<u>7,740,000</u>	<u>8,540,000</u>	<u>800,000</u>	<u>10.34%</u>
<b>Total Revenues</b>	<u>88,345,956</u>	<u>91,681,565</u>	<u>3,335,609</u>	<u>3.78%</u>
<b>Expense:</b>				
Philadelphia Plant Treatment Costs	15,300,000	12,360,000	-2,940,000	-19.22%
Debt Service	17,600,000	14,500,000	-3,100,000	-17.61%
Contingency	2,500,000	3,000,000	500,000	20.00%
Salaries & Wages	14,096,882	15,301,299	1,204,417	8.54%
Overtime	1,485,000	1,859,500	374,500	25.22%
Utilities	3,530,875	3,865,750	334,875	9.48%
Chemicals	2,351,000	2,825,000	474,000	20.16%
Employee Benefits	4,877,064	5,227,202	350,138	7.18%
Pension	2,100,676	2,125,001	24,325	1.16%
Repairs & Maintenance	3,530,650	3,740,900	210,250	5.95%
Insurance	1,006,182	1,160,004	153,822	15.29%
Minor Equipment & Supplies	326,150	327,599	1,449	0.44%
Information Technology	1,069,000	1,061,000	-8,000	-0.75%
Solicitor	1,000,000	1,000,000	0	0.00%
Consulting	500,000	500,000	0	0.00%
Solids Disposal/Grit Screening	1,500,000	1,550,000	50,000	3.33%
Engineering	775,000	775,000	0	0.00%
Other Contracted Services	1,068,100	1,096,950	28,850	2.70%
Office & Advertising	221,700	236,500	14,800	6.68%
Dues and Conferences	65,250	84,950	19,700	30.19%
Edgmont Treatment	200,000	210,000	10,000	5.00%
Education and Training	104,500	109,000	4,500	4.31%
LTCP Costs	0	12,000,000	12,000,000	NC
Reserve For Doubtful Accounts	125,000	125,000	0	0.00%
<b>Total Expenses</b>	<u>75,333,029</u>	<u>85,040,655</u>	<u>9,707,626</u>	<u>12.89%</u>
Other Capital Assets	<u>13,012,927</u>	<u>6,640,910</u>	<u>-6,372,017</u>	<u>-48.97%</u>

NC = Not Calculable

**DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY**

**2024 Budget**

**EXPENSE BY DEPARTMENT**

	<u>2023</u>	<u>2024</u>	<u>\$ Change</u>	<u>% Change</u>
Expense:				
Administration, IT, Engineering				
Total	\$8,356,784	\$8,971,885	\$615,101	7.36%
Debt Service:				
Total	\$17,600,000	\$14,500,000	-\$3,100,000	-17.61%
Operations and Maintenance:				
Eastern Delaware County:				
Pump Stations	\$1,211,411	\$1,354,434	\$143,023	11.81%
Philadelphia Treatment	\$15,300,000	\$12,360,000	-\$2,940,000	-19.22%
Total East Expenses	<u>\$16,511,411</u>	<u>\$13,714,434</u>	<u>-\$2,796,977</u>	<u>-16.94%</u>
Western Delaware County:				
Western Regional Treatment Plant	\$17,030,563	\$18,696,376	\$1,665,813	9.78%
Industrial Pretreatment	\$515,904	\$525,116	\$9,212	1.79%
Central Lab	\$942,331	\$1,048,547	\$106,216	11.27%
Chester Pump Station	\$430,576	\$462,458	\$31,882	7.40%
Sewer Maintenance	\$3,213,687	\$3,283,700	\$70,013	2.18%
Chester Area Lift Stations	\$125,842	\$137,936	\$12,094	9.61%
Eddystone Pump Station	\$85,754	\$94,049	\$8,295	9.67%
Customer Revenue (Billing)	\$641,232	\$727,338	\$86,106	13.43%
Marcus Hook/Lower Chi	\$146,269	\$153,930	\$7,661	5.24%
Trainer Pump Stations	\$34,758	\$39,506	\$4,748	13.66%
Remote Locations	\$2,722,859	\$3,009,494	\$286,635	10.53%
Sludge Processing	\$3,513,250	\$3,666,000	\$152,750	4.35%
Southern Pump Stations	\$83,546	\$89,443	\$5,897	7.06%
Chester Ridley Creek	\$340,148	\$363,312	\$23,164	6.81%
Edgmont	\$413,115	\$432,131	\$19,016	4.60%
Reserve For Doubtful Accounts	\$125,000	\$125,000	\$0	0.00%
Long Term Control Plan Costs	\$0	\$12,000,000	\$12,000,000	NC
Contingency	\$2,500,000	\$3,000,000	\$500,000	20.00%
Total West Expenses	<u>\$32,864,834</u>	<u>\$47,854,336</u>	<u>\$14,989,502</u>	<u>45.61%</u>
Total Expenses	<u><u>\$75,333,029</u></u>	<u><u>\$85,040,655</u></u>	<u><u>\$9,707,626</u></u>	<u><u>12.89%</u></u>

DELAWARE COUNTY REGIONAL  
WATER QUALITY CONTROL AUTHORITY

2024

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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 21, 2023

Approved by  
Consulting Engineer: 

**2024  
ESTIMATE  
SERVICE CHARGE**

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To: Central Delaware County Authority

Statement of Estimates of Service Charge for  
Calendar Year 2024 per Section 3.06 of  
Service Agreement Dated December 1, 1973  
(plus subsequent amendments)

	2023	2024
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$44,454,080	\$45,247,043
2. Estimated Amount to be Paid to DELCORA During Year	\$12,976,480	\$13,249,500
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	\$12,976,480	\$13,249,500
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$12,976,480	\$13,249,500

Payment of Above Due as Follows:

March 31, 2024	\$3,312,375
June 30, 2024	\$3,312,375
September 30, 2024	\$3,312,375
December 31, 2024	\$3,312,375
Total	\$13,249,500



**2024  
ESTIMATE  
SERVICE CHARGE**

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To: Darby Creek Joint Authority

Statement of Estimates of Service Charge for  
Calendar Year 2024 per Section 3.06 of  
Service Agreement Dated December 1, 1973  
(plus subsequent amendments)

	2023	2024
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$44,454,080	\$45,247,043
2. Estimated Amount to be Paid to DELCORA During Year	\$25,696,000	\$26,167,763
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	\$25,696,000	\$26,167,763
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$25,696,000	\$26,167,763

Payment of Above Due as Follows:

March 31, 2024	\$6,541,941
June 30, 2024	\$6,541,941
September 30, 2024	\$6,541,941
December 31, 2024	\$6,541,941
Total	\$26,167,763

**2024  
ESTIMATE  
SERVICE CHARGE**

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To: Muckinipates Authority

Statement of Estimates of Service Charge for  
Calendar Year 2024 per Section 3.06 of  
Service Agreement Dated December 1, 1973  
(plus subsequent amendments)

	2023	2024
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$44,454,080	\$45,247,043
2. Estimated Amount to be Paid to DELCORA During Year	\$5,781,600	\$5,829,780
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	\$5,781,600	\$5,829,780
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$5,781,600	\$5,829,780

Payment of Above Due as Follows:

March 31, 2024	\$1,457,445
June 30, 2024	\$1,457,445
September 30, 2024	\$1,457,445
December 31, 2024	\$1,457,445
Total	\$5,829,780