#### DELAWARE COUNTY, PENNSYLVANIA

#### **2019 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, 2019
and
Statements of Service Charges to be Imposed
on Users for Said Year

Prepared by:

Robert J. Willert, Executive Director

John Pileggi, Controller

Proposed Adoption by Board:

November 20,2018

Approved by

Consulting Engineer:

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RATES AND CHARGES- WESTERN

Retal <u>i:</u> Chester City Parkside	GALLONS						Total D			
<u>Retail:</u> Chester City Parkside	2018	2019	Cuange	2018 2019	2019	Clark	2018 20	2019	200	
Chester Oity Parkside					;	;	!			000
Parkside	831,687	823,028	-1.04%	84.93 84.93	\$5,32	7.91%	\$4,100,21/	\$4,378,509 \$730,335		\$278,784 \$18.187
בר היים	139,838	133,520	-4.52%	64.93 50.93	\$5.32	7.91%	\$689,401	\$710,326	3.04%	\$20,925
Chester Twp.	35,353	35,612	0.73%	\$4.93	\$5.32	7.91%	\$174,290	\$189,456		\$15,166
Trainer	36,836	39,982	8.54%	89.65 44 65	\$5.32	-44.87% 7.07%	\$355,467 \$340 808	\$212,704		523.245
Marcus Hook Minimums # of accounts	3,873	3,873	0.00%	\$95.00	\$99,75	2.00%	\$367,935	\$386,332		\$18,397
TOTAL	1135.880	1 124 090	-1.04%				\$6,240,271	\$6,471,715	3,71%	\$231,444
950000000000000000000000000000000000000	2000011				A CONTRACTOR OF THE PROPERTY O					
Retail Industrial: (1)	;			1	9	č	6	074	9000	0000
Exelon	1,399	1,643 000	17.44%	\$5.94 \$5.94	\$6.42	8.08% 0.8%	\$8,310 \$80,190	\$10,548	28.10%	\$22,530
Ace Linen Po	20,000	20 000	0.00%	\$5.94	\$6.42	8.08%	\$118,800	\$128,400	8.08%	\$9,600
Delco Linens	9,500	8,350	-12.11%	\$5,94	\$6.42	8.08%	\$56,430	\$53,607	-5.00%	-\$2,823
Covanta	. 865 1084	1,027	18.73% 8.51%	\$5.94 \$10.64	\$6.42	39.66%	\$43,145	\$28,248	.34,53%	-\$14,897
Monroe - Sanitary	7,500	6,000	-20.00%	\$10.64	\$6,42	-39.66%	\$79,800	\$38,520	-51.73%	-\$41,280
TOTAL	56,819	57,420	1,06%				\$391,813	\$368,636	-5.92%	-\$23,177
Wholesale EDU:										
Brookhaven	252,915	270,146	6.81%	\$2.48	\$2.68	8.06%	\$627,229	\$723,991	15.43%	\$96,762
Nether Providence	340,918	382,346	12.15%	\$2.48	\$2.68	8,06%	\$845,477	\$1,024,687	21.20%	\$179,211
TOTAL	593,833	652,492	9.88%				\$1,472,706	\$1,748,679	18,74%	\$275,973
WESTERN:										
Southern	803,000	803,000	0.00%	\$2.46	\$2.66	8.13%	\$1,975,380	\$2,135,980	8,13%	\$160,600
Soccer Stadium	4,650	4,650	%00'0	\$2.46	\$2.65	9,13%	\$11,439	\$12,369	8.13%	0584
Eddystone	146,000	146,000	%00.0	\$2,40 94,74	\$2.00	0.10% 13%	\$413 238	4266,360	2,00	89 125
Boeing Hamah's Dacino	45,625	27,000	%00.0 0.00%	\$2.46	\$2.66	8.13%	\$51,660	\$55,860	8.13%	\$4,200
Lower Chichester	182,500	182,500	0.00%	\$2.46	\$2.66	8.13%	\$448,950	\$485,450	8.13%	\$36,500
TOTAL	1,202,775	1,202,775 0.00%	0.00%				\$2,958,827	\$2,958,827 \$3,199,382	8.13%	\$240,555
Wholesale Industrial: (1)					;					000
Kimberly Clark	1,368,750	1,368,750		\$2.72	\$2.94		\$3,723,000	\$4,024,125		\$301,125
Braskem	71.600	76,000		\$2.72	\$2,94		\$194,752	\$223,440		\$28,688
Dynegy (Liberty Electric)	145,200	121,500		\$2.72	\$2.94		\$394,944	\$357,210		-\$37,734
Monroe-Pracess	51,100	51,100	%00'0	\$2.72	\$2.94	8.09%	\$138,992	\$150,234	8.09%	\$11,242
Marcus Hook Energy (FPL)	116,400	116,400		27.75	97.34		999	2,7,7,7		
TOTAL	2,884,550	2,792,250	-3.20%				\$7,845,976	\$8,209,215	4.63%	\$363,239
Chester Ridley Creek Southwest Authority	867,970	006'268	3.45%	\$3.00	\$3.24	8.00%	\$2,603,910	\$2,909,196	11.72%	\$305,286
Middletown	628,530	598,600	4.76%	\$3.00	\$3.24		\$1,885,590	\$1,939,464		
Total	1,496,500	1,496,500 0.00%	%00.0				\$4,489,500	\$4,848,660	8.00%	\$359,160

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

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ty Authority 7,665,000 7,482,500 -2.38% \$2.32 \$2.51 \$1.9% \$1.9% \$1.9% \$2.32 \$2.51 \$1.9% \$1		01002	בוב ב								
GALLONS         Change         000 Gallons         Change         Total Revenue           2018 Budget         2018 Budget         2018 Budget         2018 Budget         2018 Budget         2019 Budget           3,923,750         3,832,500         -2.33%         \$2.32         \$2.51         8.19%         \$9,103,100         \$9,619,575           7,665,000         7,482,500         -2.38%         \$2.32         \$2.51         8.19%         \$4,234,000         \$4,351,713		FLOW	N MM	%	RATI	E Per	%				
2018 Budget         2018 Budget         2018 Budget         2019 Budget         2019 Budget         2019 Budget         2019 Budget         2019 Budget         2019 Budget           3,923,750         3,832,500         -2.33%         \$2.32         \$2.51         8.19%         \$9,103,100         \$9,619,575           7,665,000         7,482,500         -2.38%         \$2.32         \$2.51         8.19%         \$4,234,000         \$4,351,713		GALL	SNC	Change	9 000	Ballons	Change	Total Re	evenue	% Change	\$ Change
3,923,750 3,832,500 -2.33% \$2.32 \$2.51 8.19% \$9,103,100 \$9,619,575 7,665,000 7,482,500 -2.38% \$2.32 \$2.51 8.19% \$17,782,800 \$18,781,075 18.25,000 1733,750 5.00% \$2.32 \$2.51 8.19% \$4,234,000 \$4,351,713		2018 Budget	2019 Budget		2018 Budget	2019 Budget		2018 Budget	2019 Budget		
7,665,000 7,482,500 -2.38% \$2.32 \$2.51 8.19% \$17,782,800 \$18,781,075	Eastem Authority Central Delaware County Authority	3,923,750	3,832,500	-2.33%	\$2.32	\$2.51				5.67%	\$516,475
1 825 NOV 1 733 750 -5 00% \$2.32 \$2.51 8.19% \$4,234,000 \$4,351,713	Darby Creek Joint Authority	7,665,000	7,482,500		\$2.32	\$2.51		\$17,782,800		5.61%	\$998,275
	Muckinipates Authority	1,825,000	1,733,750	-5.00%	\$2.32	\$2.51	8.19%	\$4,234,000		2.78%	\$117,713

# RATES AND CHARGES- Other Residential

	ا مال اراحا کم محظ محد الا	adollogy 000 /	%	RAT FDIV OC	RATE Per	Change	Total Revenue	venue	% Change	\$ Change
	2018 Budget		25	2018 Budget	2019 Budget	9	2018 Budget	2019 Budget		
	100									
Rose Valley Pump Station										
Rose Valley Residents	373	373	0.00%	\$625.00	\$900.00	44.00%	\$233,125	\$335,700	44.00%	\$102,575
Nather Providence Residents	127	127	00'0	\$625.00	\$900.00	44.00%	\$79,375	\$114,300	44.00%	\$34,925
Total Rose Valley Pump Station	500	200	%00.0				\$312,500	\$450,000	44.00%	\$137,500
Pocopson										
Riverside	160	160	0.00%	\$880.00	\$880.00	0.00%	\$140,800	\$140,800	0.00%	\$0
0/U0%01/U	99	99	0.00%	\$1,400.00	\$1,400.00	0.00%	\$92,400	\$92,400	%00.0	80
	226	226	0.00%		and property of the control of the c		\$233,200	\$233,200	0.00%	0\$
Edgmont Residential	099	675	2.27%	\$1,275.00	\$1,275.00	0.00%	\$841,500	\$860,625	2.27%	\$19,125
Commercial Based on FDLI	140	145			\$1,025.00	0.00%	\$143,500	\$148,625	3.57%	\$5,125
Commercial Based on Flow	12.200	12,390	1.56%		\$10.25	%00.0	\$125,050	\$126,998	1.56%	\$1,948
				The second secon			\$1,110,050	\$1,136,248		

#### 2019 BUDGET

REVENUE AND EXPENSE ANALYSIS

Service Charges	Revenues:	2018	2019	\$ Change	% Change
Central Delaware County Authority   \$9,103,100   \$9,619,675   \$998,275   \$5.61%	Service Charges:				
Darby Croek John Authority		40.400.400	40.040.075	DE 40 475	E C70/
Muckinipates Authority					
Wostern Delaware County   Residential   \$6,240,271   \$6,471,715   \$231,444   \$3.719   \$1.000   \$2.75,973   \$1.000   \$2.75,973   \$1.000   \$1.748,079   \$2.75,973   \$1.0000   \$2.					
Nestern Delaware County   Residential   \$6,40,271   \$6,471,715   \$231,444   \$3,719   \$275,973   \$18,749   \$275,973   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749   \$75,970   \$18,749	Muckinipates Authority				
Residential   \$6,240,271   \$6,471,716   \$231,444   3.71%		\$31,118,800	φ32,732,303	\$1,032,403	0.2070
EDU Wholesale	•			****	0 7404
Retail Industrial   \$391,813   \$398,836   \$23,177   \$5,92%					
Western Wholesale   \$2,958,827   \$3,199,382   \$240,1555   8,13%   Wholesale Industrial   \$7,845,976   \$8,209,215   \$362,239   4,63%   Chester Ridley Creek   \$4,489,500   \$4,848,660   \$359,160   8,00%   \$22,399,093   \$24,846,287   \$1,447,194   6,16%   \$1,655,780   \$1,846,860   \$359,160   8,00%   \$23,399,093   \$24,846,287   \$1,447,194   6,16%   \$1,655,780   \$1,819,448   \$163,898   \$1,895,780   \$1,800,000   \$750   0,19%   \$1,600,000   \$750   0,19%   \$1,600,000   \$750   0,19%   \$1,600,000   \$750   0,19%   \$1,600,000   \$1,250,000   \$750,000   \$6,67%   \$1,250,000   \$250,000   \$5,67%   \$1,250,000   \$250,000   \$5,67%   \$1,250,000   \$250,000   \$6,67%   \$1,250,000   \$250,000   \$1,					
Wholesale industrial         \$7,845,976         \$8,209,215         \$302,239         4,63%           Chester Ridley Creek         \$4,489,500         \$4,846,680         \$359,160         8,00%           \$23,399,093         \$24,046,287         \$1,447,194         6,18%           Other Residential         \$1,655,750         \$1,819,448         \$163,698         9,89%           Remote Locations         \$399,250         \$400,000         \$750         0,19%           Total Service Charges         \$56,573,993         \$59,818,097         \$3,244,104         5,73%           Other Revenues:         Interest Income Investments         \$750,000         \$4,500,000         \$50,000         \$66,57%           Residual Waste         \$4,500,000         \$4,750,000         \$250,000         \$5,69%           Covarta Effluent Usage         \$350,000         \$325,000         \$0         0.00%           Cher Income         \$300,000         \$300,000         \$750,000         \$12,58%           Expense:         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****         ****					
Chester Ridley Creek					
\$23,399,093					
Other Residential Remote Locations         \$1,655,750         \$1,819,448         \$163,698         9,89% (D.19%	Gnester Ridley Creek				
Remote Locations					0.0004
Total Service Charges   \$56,573,993   \$59,818,097   \$3,244,104   5.73%					
Other Revenues:         Interest Income Investments         \$750,000         \$1,250,000         \$500,000         66.67%           Residual Waste         \$4,500,000         \$47,750,000         \$250,000         5.56%           Covanta Effluent Usage         \$85,000         \$36,000         \$0         0.00%           Load Surcharge         \$325,000         \$322,000         \$0         0.00%           Other Income         \$300,000         \$300,000         \$0         0.00%           Total Revenues         \$62,533,993         \$66,528,097         \$3,994,104         6.39%           Expense:         Philadelphia Plant Treatment Costs         \$10,875,452         \$11,187,262         \$311,810         2.87%           Debt Service         \$12,050,000         \$12,750,000         \$700,000         5.81%           Salaries & Wages         \$10,765,295         \$11,299,320         \$534,025         4.96%           Overtime         \$1,321,420         \$1,497,850         \$176,430         13.35%           Uillities         \$3,997,600         \$2,990,100         \$407,500         -1.16%           Chemicals         \$815,000         \$90,000         \$175,000         21,47%           Employee Benefits         \$4,807,075         \$4,669,721         \$1	Remote Locations	\$399,250	\$400,000	\$750	0.19%
Interest Income Investments	Total Service Charges	\$56,573,993	\$59,818,097	\$3,244,104	5.73%
Residual Waste	Other Revenues:				
Covarlat Effluent Usage	Interest Income Investments	\$750,000			
Control   Cont	Residual Waste				
Sand	Covanta Effluent Usage			· ·	
\$5,960,000   \$6,710,000   \$750,000   12.58%	•				
Expense:   Philadelphia Plant Treatment Costs   \$10,875,452   \$11,187,262   \$311,810   2.87%     Debt Service   \$12,050,000   \$12,750,000   \$700,000   5.81%     Salaries & Wages   \$10,765,295   \$11,299,320   \$534,025   4.96%     Overtime   \$1,321,420   \$1,497,850   \$176,430   13.36%     Utilities   \$3,097,600   \$2,690,100   -\$407,500   -13.16%     Chemicals   \$815,000   \$990,000   \$175,000   21.47%     Employee Benefits   \$4,807,075   \$4,669,721   \$137,354   2.86%     Pension   \$1,600,000   \$1,640,000   \$40,000   2.50%     Repairs & Maintenance   \$2,838,069   \$2,2848,450   \$10,381   0.37%     Insurance   \$837,347   \$968,122   \$130,775   15.62%     Minor Equipment & Supplies   \$240,900   \$351,513   \$110,613   45,92%     Information Technology   \$690,700   \$773,000   \$22,000   9.09%     Consulting   \$225,000   \$300,000   \$5,000   9.09%     Consulting   \$350,000   \$1,225,500   \$320,000   \$5,000   2.22%     Solids Disposal/Grit Screening   \$1,143,800   \$1,252,500   \$108,700   \$1,000   \$1,000     Contracted Services   \$869,450   \$869,950   \$500   0.66%     Office & Advertising   \$29,850   \$500   \$0.00%     Confirences   \$72,050   \$104,250   \$32,200   44,69%     Contingency   \$700,000   \$700,000   \$2,200   23.05%     Contingency   \$700,000   \$700,000   \$2,200   23.05%     Contingency   \$700,000   \$70,000   \$2,200   23.05%     Contingency   \$700,000   \$70,000   \$0.00%     Capital Reserve PWD and Chester LTCP   \$7,000,000   \$7,000,000   \$2,000,024   174,42%     Capital Reserve Replacing Capital Assets   \$1,198,285   \$3,288,309   \$2,000,024   174,42%	Other Income	\$300,000	\$300,000	<u> </u>	0.00%
Expense:   Philadelphia Plant Treatment Costs   \$10,875,452   \$11,187,262   \$311,810   2.87%     Debt Service   \$12,050,000   \$12,750,000   \$700,000   5.81%     Salaries & Wages   \$10,765,295   \$11,299,320   \$534,025   4.96%     Overtime   \$1,321,420   \$1,497,850   \$176,430   13.35%     Uiiitiles   \$3,097,600   \$2,690,100   -\$407,500   -13.16%     Chemicals   \$815,000   \$990,000   \$175,000   21,47%     Employee Benefits   \$4,807,075   \$4,669,721   -\$137,354   -2.86%     Pension   \$1,600,000   \$1,640,000   \$40,000   2.50%     Repairs & Maintenance   \$2,838,069   \$2,848,450   \$10,381   0.37%     Insurance   \$837,347   \$988,122   \$130,775   15.62%     Minor Equipment & Supplies   \$240,900   \$351,513   \$110,613   45.92%     Information Technology   \$690,700   \$773,000   \$82,300   11.92%     Solicitor   \$250,000   \$230,000   \$50,000   -\$50,000   -9.09%     Consulting   \$225,000   \$230,000   \$5,000   2.22%     Solids Disposal/Grit Screening   \$1,143,800   \$1,252,500   \$108,700   9.50%     Engineering   \$360,000   \$395,000   \$45,000   12.86%     Other Contracted Services   \$869,450   \$869,950   \$500   0.66%     Office & Advertising   \$209,850   \$226,850   \$17,000   \$108,700     Strategic Plan   \$15,000   \$0   -\$15,000   -100,00%     Education and Training   \$126,700   \$155,900   \$29,200   23.05%     Contingency   \$700,000   \$7,000,000   \$0   0.00%     Capital Reserve PWD and Chester LTCP   \$7,000,000   \$7,000,000   \$0   \$0.00%     Capital Reserve Replacing Capital Assets   \$1,198,285   \$3,288,309   \$2,209,024   174,42%     Expense   \$10,000   \$0   \$0.00%     Capital Reserve Replacing Capital Assets   \$1,198,285   \$3,288,309   \$2,090,024   174,42%     Expense   \$10,000   \$100,000   \$0   \$0.00%     Capital Reserve Replacing Capital Assets   \$1,198,285   \$3,288,309   \$2,090,024   174,42%     Capital Reserve Replacing Capital Assets   \$1,198,285   \$3,288,309   \$2,090,024   174,42%     Capital Reserve Replacing Capital Assets   \$1,198,285   \$3,288,309   \$2,000,024   174,42%     Capital Reserve Replacing Capital Assets		\$5,960,000	\$6,710,000	\$750,000	12.58%
Philadelphia Plant Treatment Costs         \$10,875,452         \$11,187,262         \$311,810         2.87%           Debt Service         \$12,050,000         \$2,750,000         \$700,000         5.81%           Salaries & Wages         \$10,765,295         \$11,299,320         \$534,025         4.96%           Overtime         \$1,321,420         \$1,497,850         \$176,430         13.35%           Utilities         \$3,097,600         \$2,690,100         -\$407,500         -13,16%           Chemicals         \$815,000         \$990,000         \$175,000         21,47%           Employee Benefits         \$4,807,075         \$4,669,721         -\$137,354         -2.86%           Pension         \$1,600,000         \$1,640,000         \$40,000         2.50%           Repairs & Maintenance         \$2,838,669         \$2,848,450         \$10,381         0.37%           Insurance         \$337,347         \$968,122         \$130,775         15,62%           Minor Equipment & Supplies         \$240,900         \$351,513         \$110,613         45,92%           Information Technology         \$690,700         \$773,000         \$82,300         11,92%           Solicitor         \$550,000         \$500,000         \$50,000         -\$50,000         -\$9	Total Revenues	\$62,533,993	\$66,528,097	\$3,994,104	6.39%
Philadelphia Plant Treatment Costs         \$10,875,452         \$11,187,262         \$311,810         2.87%           Debt Service         \$12,050,000         \$2,750,000         \$700,000         5.81%           Salaries & Wages         \$10,765,295         \$11,299,320         \$534,025         4.96%           Overtime         \$1,321,420         \$1,497,850         \$176,430         13.35%           Utilities         \$3,097,600         \$2,690,100         -\$407,500         -13,16%           Chemicals         \$815,000         \$990,000         \$175,000         21,47%           Employee Benefits         \$4,807,075         \$4,669,721         -\$137,354         -2.86%           Pension         \$1,600,000         \$1,640,000         \$40,000         2.50%           Repairs & Maintenance         \$2,838,669         \$2,848,450         \$10,381         0.37%           Insurance         \$337,347         \$968,122         \$130,775         15,62%           Minor Equipment & Supplies         \$240,900         \$351,513         \$110,613         45,92%           Information Technology         \$690,700         \$773,000         \$82,300         11,92%           Solicitor         \$550,000         \$500,000         \$50,000         -\$50,000         -\$9	Expense:				
Debt Service         \$12,050,000         \$12,750,000         \$700,000         5.81%           Salaries & Wages         \$10,765,295         \$11,299,320         \$534,025         4.96%           Overtime         \$1,321,420         \$1,447,850         \$176,430         13.36%           Utilities         \$3,097,600         \$2,690,100         -\$407,500         -13.16%           Chemicals         \$815,000         \$990,000         \$175,000         21.47%           Employee Benefits         \$4,807,075         \$4,669,721         -\$137,354         -2.86%           Pension         \$1,600,000         \$1,640,000         \$40,000         2.50%           Repairs & Maintenance         \$2,838,069         \$2,848,450         \$10,381         0.37%           Insurance         \$837,347         \$968,122         \$130,775         15,62%           Minor Equipment & Supplies         \$240,900         \$351,513         \$110,613         45.92%           Information Technology         \$990,700         \$773,000         \$82,300         11.92%           Solicitor         \$550,000         \$500,000         \$50,000         -\$50,000         -\$90%           Consulting         \$1,143,800         \$1,252,500         \$108,700         9.50%         \$108,		\$10,875,452	\$11,187,262	\$311,810	
Overtime \$1,321,420 \$1,497,850 \$176,430 13.35% Utilities \$3,097,600 \$2,690,100 -\$407,500 -13.16% Chemicals \$815,000 \$990,000 \$175,000 21.47% Employee Benefits \$4,807,075 \$4,669,721 \$137,354 -2.86% Pension \$1,600,000 \$1,640,000 \$40,000 2.50% Repairs & Maintenance \$2,838,069 \$2,848,450 \$110,381 0.37% Insurance \$837,347 \$968,122 \$130,775 15.62% Minor Equipment & Supplies \$240,900 \$351,513 \$110,613 45.92% Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$500,000 \$500,000 \$5,000 2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Other Contracted Services \$869,450 \$869,950 \$500 0.06% Office & Advertising \$209,850 \$209,850 \$170,000 \$170,000 \$170,000 \$170,000 \$100,00% Edgmont Treatment \$135,000 \$145,000 \$150,000 \$500,000 \$500,000 \$10,06% Office & Advertising \$209,850 \$226,850 \$170,000 \$10,00% Edgmont Treatment \$135,000 \$140,000 \$500,000 \$500,000 \$10,00% Contingency \$72,050 \$104,250 \$322,200 \$44,69% Edgmont Treatment \$135,000 \$100,000 \$700,000 \$0.00% Contingency \$700,000 \$700,000 \$0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$0.00% Capital Reserve Replacing Capital Assets \$1,198,285 \$3,288,309 \$2,090,024 \$174,42%		\$12,050,000	\$12,750,000	\$700,000	
Utilities \$3,097,600 \$2,690,100 -\$407,500 -13.16% Chemicals \$815,000 \$990,000 \$175,000 21.47% Employee Benefits \$4,807,075 \$4,669,721 -\$137,354 -2.86% Pension \$1,600,000 \$1,600,000 \$40,000 2.50% Insurance \$2,838,069 \$2,848,450 \$10,381 0.37% Insurance \$837,347 \$968,122 \$130,775 15.62% Minor Equipment & Supplies \$240,900 \$351,513 \$110,613 45.92% Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$500,000 -\$50,000 -\$50,000 -\$00,000 \$00,000 \$00,000 \$10,4	Salaries & Wages	\$10,765,295	\$11,299,320	\$534,025	
Chemicals \$815,000 \$990,000 \$175,000 21.47% Employee Benefits \$4,807,075 \$4,669,721 -\$137,354 -2.86% Pension \$1,600,000 \$1,640,000 \$40,000 2.50% Repairs & Maintenance \$2,838,069 \$2,848,450 \$10,381 0.37% Insurance \$837,347 \$968,122 \$130,775 15.62% Minor Equipment & Supplies \$240,900 \$351,513 \$110,613 45.92% Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$500,000 -\$50,000 -9.09% Consulting \$225,000 \$225,000 \$230,000 \$5,000 2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Engineering \$350,000 \$395,000 \$45,000 12.86% Office & Advertising \$209,850 \$209,850 \$226,850 \$17,000 810% Olice & Advertising \$15,000 \$0.66% Office & Advertising \$15,000 \$0.66% Olice & Adve					
Employee Benefits \$4,807,075 \$4,669,721 -\$137,354 -2.86% Pension \$1,600,000 \$1,640,000 \$40,000 2.50% Repairs & Maintenance \$2,838,069 \$2,848,450 \$10,381 0.37% Insurance \$837,347 \$968,122 \$130,775 15.62% Minor Equipment & Supplies \$240,900 \$351,513 \$110,613 45.92% Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$500,000 -\$50,000 -\$50,000 -9.09% Consulting \$225,000 \$230,000 \$500,000 \$500,000 \$500,000 \$2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Engineering \$350,000 \$395,000 \$45,000 12.86% Office & Advertising \$209,850 \$869,950 \$500 0.06% Office & Advertising \$209,850 \$226,850 \$17,000 8.10% Strategic Plan \$15,000 \$0.06% Consult Treatment \$135,000 \$140,000 \$5,000 \$2.220 \$44.69% Edgmont Treatment \$135,000 \$140,000 \$5,000 \$2.220 \$44.69% Edgmont Treatment \$126,700 \$155,900 \$2.9200 \$2.05% Contingency \$700,000 \$7,000,000 \$0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$0.00% Capital Reserve Replacing Capital Assets \$1,198,285 \$3,288,309 \$2,090,024 \$174.42%	Utilities				
Pension \$1,600,000 \$1,640,000 \$40,000 2.50% Repairs & Maintenance \$2,838,069 \$2,848,450 \$10,381 0.37% Insurance \$837,347 \$968,122 \$130,775 15.62% Minor Equipment & Supplies \$240,900 \$351,513 \$110,613 45.92% Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$500,000 \$500,000 \$5,000 \$5,000 \$230,000 \$5,000 \$2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Engineering \$350,000 \$395,000 \$45,000 12.86% Office & Advertising \$209,850 \$869,950 \$500 0.06% Strategic Plan \$15,000 \$0.66% Strategic Plan \$15,000 \$0.66% Strategic Plan \$15,000 \$0.66% Strategic Plan \$135,000 \$104,250 \$32,200 \$44.69% Edgmont Treatment \$135,000 \$140,000 \$5,000 \$23.05% Contingency \$700,000 \$700,000 \$0.00% S23.05% Contingency \$700,000 \$700,000 \$0.00% S23.05% S200,000 \$108,700 \$0.00% S23.05% S200,000 \$23.05% S200,000 \$100,000 \$0.00% S23.05% S200,000 \$100,000 \$0.00% S20.000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$100,000% S20.000 \$100,00					
Repairs & Maintenance \$2,838,069 \$2,848,450 \$11,381 0.37% Insurance \$837,347 \$968,122 \$130,775 15.62% Minor Equipment & Supplies \$240,900 \$351,513 \$110,613 45.92% Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000% \$500,000 \$					
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Minor Equipment & Supplies         \$240,900         \$351,513         \$110,613         45,92%           Information Technology         \$690,700         \$773,000         \$82,300         11,92%           Solicitor         \$550,000         \$500,000         -\$50,000         -9.09%           Consulting         \$225,000         \$230,000         \$5,000         2.22%           Solids Disposal/Grit Screening         \$1,143,800         \$1,252,500         \$108,700         9.50%           Engineering         \$350,000         \$395,000         \$45,000         12.86%           Other Contracted Services         \$869,450         \$869,950         \$500         0.06%           Office & Advertising         \$209,850         \$226,850         \$17,000         8.10%           Strategic Plan         \$15,000         \$0         -\$15,000         -100.00%           Dues and Conferences         \$72,050         \$104,250         \$32,200         44.69%           Edgmont Treatment         \$135,000         \$140,000         \$5,000         3.70%           Education and Training         \$126,700         \$155,900         \$29,200         23.05%           Contingency         \$700,000         \$7,000,000         \$0         0.00%           Capi					
Information Technology \$690,700 \$773,000 \$82,300 11.92% Solicitor \$550,000 \$550,000 \$550,000 \$550,000 \$500,000 \$5,000 \$225,000 \$230,000 \$5,000 \$2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Engineering \$350,000 \$395,000 \$45,000 12.86% Other Contracted Services \$869,450 \$869,950 \$500 0.06% Office & Advertising \$209,850 \$226,850 \$17,000 8.10% Strategic Plan \$15,000 \$0.500 \$104,250 \$32,200 \$44,69% Edgmont Treatment \$135,000 \$140,000 \$5,000 \$5,000 \$3,70% Education and Training \$126,700 \$140,000 \$5,000 \$29,200 \$23.05% Contingency \$700,000 \$7,000,000 \$7,000,000 \$0 0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$2,090,024 \$174,42%					
Solicitor \$550,000 \$500,000 -\$50,000 -9.09% Consulting \$225,000 \$230,000 \$5,000 2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Engineering \$350,000 \$395,000 \$45,000 12.86% Other Contracted Services \$869,450 \$869,950 \$500 0.06% Office & Advertising \$209,850 \$226,850 \$17,000 8.10% Strategic Plan \$15,000 \$0 -\$15,000 -100.00% Edgmont Treatment \$135,000 \$104,250 \$32,200 44.69% Edgmont Treatment \$135,000 \$140,000 \$5,000 3.70% Education and Training \$126,700 \$155,900 \$29,200 23.05% Contingency \$700,000 \$700,000 \$0 0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$2,09,024 174.42%					
Consulting \$225,000 \$230,000 \$5,000 2.22% Solids Disposal/Grit Screening \$1,143,800 \$1,252,500 \$108,700 9.50% Engineering \$350,000 \$395,000 \$45,000 12.86% Other Contracted Services \$869,450 \$869,950 \$500 0.06% Office & Advertising \$209,850 \$226,850 \$17,000 8.10% Strategic Plan \$15,000 \$0 -\$15,000 -100.00% Dues and Conferences \$72,050 \$104,250 \$32,200 44.69% Edgmont Treatment \$135,000 \$140,000 \$5,000 3.70% Education and Training \$126,700 \$155,900 \$29,200 23.05% Contingency \$700,000 \$700,000 \$0 0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$2,090,024 174.42%		· · · · · · · · · · · · · · · · · · ·			
Solids Disposal/Grit Screening         \$1,143,800         \$1,252,500         \$108,700         9.50%           Engineering         \$350,000         \$395,000         \$45,000         12.86%           Other Contracted Services         \$869,450         \$869,950         \$500         0.06%           Office & Advertising         \$209,850         \$226,850         \$17,000         8.10%           Strategic Plan         \$15,000         \$0         -\$15,000         -100.00%           Dues and Conferences         \$72,050         \$104,250         \$32,200         44.69%           Edgmont Treatment         \$135,000         \$140,000         \$5,000         3.70%           Education and Training         \$126,700         \$155,900         \$29,200         23.05%           Contingency         \$700,000         \$700,000         \$0         0.00%           Capital Reserve PWD and Chester LTCP         \$7,000,000         \$7,000,000         \$0         0.00%           Capital Reserve Replacing Capital Assets         \$1,198,285         \$3,288,309         \$2,090,024         174,42%			****		
Engineering \$350,000 \$395,000 \$45,000 12.86% Other Contracted Services \$869,450 \$869,950 \$500 0.06% Office & Advertising \$209,850 \$226,850 \$17,000 8.10% Strategic Plan \$15,000 \$0 -\$15,000 -100.00% Dues and Conferences \$72,050 \$104,250 \$32,200 44.69% Edgmont Treatment \$135,000 \$140,000 \$5,000 3.70% Education and Training \$126,700 \$155,900 \$29,200 23.05% Contingency \$700,000 \$700,000 \$7,000,000 \$0 0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$2,090,024 174.42%					
Other Contracted Services         \$869,450         \$869,950         \$500         0.06%           Office & Advertising         \$209,850         \$226,850         \$17,000         8.10%           Strategic Plan         \$15,000         \$0         -\$15,000         -100.00%           Dues and Conferences         \$72,050         \$104,250         \$32,200         44.69%           Edgmont Treatment         \$135,000         \$140,000         \$5,000         3.70%           Education and Training         \$126,700         \$155,900         \$29,200         23.05%           Contingency         \$700,000         \$700,000         \$0         0.00%           Capital Reserve PWD and Chester LTCP         \$7,000,000         \$7,000,000         \$0         0.00%           Capital Reserve Replacing Capital Assets         \$1,198,285         \$3,288,309         \$2,090,024         174,42%					
Office & Advertising         \$209,850         \$226,850         \$17,000         8.10%           Strategic Plan         \$15,000         \$0         -\$15,000         -100.00%           Dues and Conferences         \$72,050         \$104,250         \$32,200         44.69%           Edgmont Treatment         \$135,000         \$140,000         \$5,000         3.70%           Education and Training         \$126,700         \$155,900         \$29,200         23.05%           Contingency         \$700,000         \$700,000         \$0         0.00%           Capital Reserve PWD and Chester LTCP         \$7,000,000         \$7,000,000         \$0         0.00%           Capital Reserve Replacing Capital Assets         \$1,198,285         \$3,288,309         \$2,090,024         174.42%		· ·	· ·		0.06%
Strategic Plan         \$15,000         \$0         -\$15,000         -100.00%           Dues and Conferences         \$72,050         \$104,250         \$32,200         44.69%           Edgmont Treatment         \$135,000         \$140,000         \$5,000         3.70%           Education and Training         \$126,700         \$155,900         \$29,200         23.05%           Contingency         \$700,000         \$700,000         \$0         0.00%           Capital Reserve PWD and Chester LTCP         \$7,000,000         \$7,000,000         \$0         0.00%           Capital Reserve Replacing Capital Assets         \$1,198,285         \$3,288,309         \$2,090,024         174,42%					8.10%
Dues and Conferences         \$72,050         \$104,250         \$32,200         44.69%           Edgmont Treatment         \$135,000         \$140,000         \$5,000         3.70%           Education and Training         \$126,700         \$155,900         \$29,200         23.05%           Contingency         \$700,000         \$700,000         \$0         0.00%           Capital Reserve PWD and Chester LTCP         \$7,000,000         \$7,000,000         \$0         0.00%           Capital Reserve Replacing Capital Assets         \$1,198,285         \$3,288,309         \$2,090,024         174.42%			\$0	-\$15,000	-100.00%
Education and Training \$126,700 \$155,900 \$29,200 23.05% Contingency \$700,000 \$700,000 \$0 0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$0 0.00% Capital Reserve Replacing Capital Assets \$1,198,285 \$3,288,309 \$2,090,024 174.42%		\$72,050	\$104,250	\$32,200	
Contingency \$700,000 \$700,000 \$0 0.00% Capital Reserve PWD and Chester LTCP \$7,000,000 \$7,000,000 \$0 0.00% Capital Reserve Replacing Capital Assets \$1,198,285 \$3,288,309 \$2,090,024 174.42%	Edgmont Treatment	\$135,000	\$140,000	\$5,000	3.70%
Capital Reserve PWD and Chester LTCP         \$7,000,000         \$7,000,000         \$0         0.00%           Capital Reserve Replacing Capital Assets         \$1,198,285         \$3,288,309         \$2,090,024         174.42%	Education and Training				
Capital Reserve Replacing Capital Assets \$1,198,285 \$3,288,309 \$2,090,024 174.42%					
- Capital Country Coun					
Total Expenses \$62,533,993 \$66,528,097 \$3,994,104 6.39%					
	Total Expenses	\$62,533,993	\$66,528,097	\$3,994,104	6.39%

NC = Not Calculable

#### 2019 BUDGET SUMMARY

#### **EXPENSE BY DEPARTMENT**

	2018	2019	\$ Change	% Change
Expense:	*********		**************************************	
Administration, IT, Engineering				
Total	\$6,864,135	\$6,990,030	\$125,895	1.83%
Debt Service:		*******	AWAA AAA	# 0.4.0V
Total	\$12,050,000	\$12,750,000	\$700,000	5.81%
Operations and Maintenance:				
Eastern Delaware County:				
Pump Stations	\$1,322,335	\$1,308,236	-\$14,099	-1.07%
Philadelphia Treatment	\$10,875,452	\$11,187,262	\$311,810	2.87%
Total East Expenses	\$12,197,787	\$12,495,498	\$297,711	2.44%
Western Delaware County:				
Western Regional Treatment Plant	\$12,577,580	\$12,935,558	\$357,978	2.85%
Industrial Pretreatment	\$468,145	\$494,338	\$26,193	5.60%
Central Lab	\$634,801	\$673,878	\$39,077	6.16%
Chester Pump Station	\$404,932	\$407,715	\$2,783	0.69%
Sewer Maintenance	\$2,342,355	\$2,491,450	\$149,095	6.37%
Chester Area Lift Stations	\$122,715	\$122,872	\$157	0.13%
Eddystone Pump Station	\$75,132	\$83,568	\$8,436	11.23%
Customer Revenue (Billing)	\$738,867	\$685,073	-\$53,794	<i>-</i> 7.28%
Marcus Hook/Lower Chi	\$134,524	\$131,897	-\$2,627	-1.95%
Trainer Pump Stations	\$35,971	\$37,932	\$1,961	5.45%
Remote Locations	\$1,503,651	\$1,567,565	\$63,914	4.25%
Sludge Processing	\$2,749,500	\$2,902,250	\$152,750	5.56%
Southern Pump Stations	\$39,753	\$38,386	-\$1,367	-3.44%
Chester Ridley Creek	\$359,866	\$397,489	\$37,623	10.45%
Edgmont	\$335,994	\$334,289	-\$1,705	~0.51%
Contingency	\$700,000	\$700,000	\$0	0.00%
Total West Expenses	\$23,223,786	\$24,004,260	\$780,474	3.36%
Total Expenses	\$54,335,708	\$56,239,788	\$1,904,080	3.50%
Expenses Without Debt Service	<del>\$42,285,708</del>	\$43,489,788	\$1,204,080	2.85%

#### 2019

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:

Approved by

Consulting Engineer:

#### 2019 ESTIMATE SERVICE CHARGE

To: Central Delaware County Authority

Statement of Estimates of Service Charge for Calendar Year 2019 per Section 3.06 of Service Agreement Dated December 1, 1973 (plus subsequent amendments)

			2018	2019
1.	Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System		\$31,119,900	\$32,752,363
2.	Estimated Amount to be Paid to DELCORA During Year		\$9,103,100	\$9,619,575
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		\$9,103,100	\$9,619,575
5.	Amount Due as Result of any Prior Year's Bill not Paid Plus Interest		\$0	\$0
	Total Due for Year		\$9,103,100	\$9,619,575
	Payment of Above Due as Follows:			
	March 31, 2019 June 30, 2019 September 30, 2019 December 31, 2019	\$2,404,894 \$2,404,894 \$2,404,894 \$2,404,894		
	Total	\$9,619,575		

#### 2019 ESTIMATE SERVICE CHARGE

To: Darby Creek Joint Authority

Statement of Estimates of Service Charge for Calendar Year 2019 per Section 3.06 of Service Agreement Dated December 1, 1973 (plus subsequent amendments)

			2018	2019
1.	Estimated Operating and Capital costs of DE for Eastern Delaware County System	ELCORA	\$31,119,900	\$32,752,363
2.	Estimated Amount to be Paid to DELCORA	During Year	\$17,782,800	\$18,781,075
3.	Amount of Credit Resulting from Previous You	ears NONE	\$0	\$0
4.	Amount of Credit Resulting from Governmen Grants, etc.	ntal	\$0	\$0
	Total Credits		\$0	\$0
	Net Estimated Billing		\$17,782,800	\$18,781,075
5.	Amount Due as Result of any Prior Year's B Plus Interest	ill not Paid	\$0	\$0
	Total Due for Year		\$17,782,800	\$18,781,075
	Payment of Above Due as Follows:			
	March 31, 2019 June 30, 2019 September 30, 2019 December 31, 2019	\$4,695,2 \$4,695,2 \$4,695,2 \$4,695,2	69 69	
	Total	\$18,781,0	<u>75</u>	

#### 2019 ESTIMATE SERVICE CHARGE

To: Muckinipates Authority

Statement of Estimates of Service Charge for Calendar Year 2019 per Section 3.06 of Service Agreement Dated December 1, 1973 (plus subsequent amendments)

			2018	2019
1.	Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System		\$31,119,900	\$32,752,363
2.	Estimated Amount to be Paid to DELCORA During Year		\$4,234,000	\$4,351,713
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		\$4,234,000	\$4,351,713
5.	Amount Due as Result of any Prior Year's Bill not Paid Plus Interest		\$0	\$0
	Total Due for Year		\$4,234,000	\$4,351,713
	Payment of Above Due as Follows:			
	March 31, 2019 June 30, 2019 September 30, 2019 December 31, 2019	\$1,087,928 \$1,087,928 \$1,087,928 \$1,087,928		
	Total	\$4,351,713		