

MEETING NOTICE

JOINT CONTRACT SEWERAGE COMMITTEE

January 24, 2025

8:00 A.M.

Council Chambers at Bettendorf City Hall
1609 State Street

1. Approval of minutes from April 2024 meeting.
2. Update on Water Pollution Control Plant Flood Protection Projects (Davenport).
3. Update on I&I Projects / Studies (All Cities).
4. Report from Water Pollution Control Plant and Compost Facility. (Davenport)
5. Update on six (6) year Capital Improvement Plan (CIP) for the Joint Use System (Davenport)
6. Update on WPCP Design Projects (Davenport).
7. Approval of Bar Screen Replacement Project
8. Approval of 28E allocation percentages and budget.
9. Approval of 28E capacity allocations.
10. Discussion of future meeting dates.
11. Other business.
12. Adjourn.

MINUTES
JOINT CONTRACT SEWERAGE COMMITTEE
April 11, 2024
2:30 A.M. BETTENDORF CITY HALL

Members Present:

Robert Gallagher, Mayor, City of Bettendorf
Mike Matson, Mayor, City of Davenport
Ron Rice, Mayor, City of Panorama Park
Paul DCamp, Alderman, City of Riverdale
Nicole Gleason, Assistant City Administrator/Director of Public Works, City of Davenport
Brian Schmidt, Director of Public Works, City of Bettendorf
Mallory Merritt, Assistant City Administrator/Chief Financial Officer, City of Davenport
Jason Schadt, Director of Finance, City of Bettendorf
Doug Hradek, Interim Water Pollution Control Plant Manager, City of Davenport

Others Present:

Decker Ploehn, City Administrator, City of Bettendorf
Jeff Reiter, Assistant City Administrator, City of Bettendorf
Clay Merritt, Director of Engineering and Capital Projects, City of Davenport
Jim Odean, Assistant Finance Director, City of Davenport
Brent Morlok, City Engineer, City of Bettendorf
Brian Schadt, City Engineer, City of Davenport
Victoria Gleason, Water Pollution Control Plant Pretreatment Coordinator, City of Davenport
Todd Hildebrandt, Sewer Maintenance Supervisor, City of Bettendorf
Brad Guy, Sewer Collection System Project Manager, City of Davenport

The meeting was called to order at 2:30 p.m. by Mayor Gallagher.

1. First item on the agenda was approval of the minutes from the January 2024 meeting. There were no additions, deletions, or corrections. Brian Schmidt made a motion to accept the minutes as written. The motion was seconded by Nicole Gleason. The motion passed unanimously.
2. Next item on the agenda was the update on Water Pollution Control Plant Flood Protection Projects. Clay Merritt reported this project was split into three (3) phases. Phase 1 has cleared all federal and state permits and are at the final stages of EDA review. Per EDA regulations, they must give authorization to bid. We requested a timeline extension and received approval and will hopefully receive authorization to go out for bid in the next few weeks. The Community Funding application has been submitted for Phase 2. Preliminary design and environmental review have begun for Phase 3, which would provide a new access from the east and a new overpass at Concord St.
3. Next item on the agenda was an update on HR Green Facility Plan Studies. Davenport reported HR Green has completed the study with recommendations on mixers, covers, heating elements, etc. Instead of using generators, a methane fired boiler for heat is recommended on all four (4) digesters for a total cost of \$23.75 million.
4. Next item on the agenda was approval to proceed with a Request for Qualifications (RFQ) for engineering design services for Digester Upgrades. Davenport reported there is \$3.1 million allocated to engineering

services for the digesters in the Community Improvement Program (CIP). Design will take approximately 18 months. Nicole Gleason motioned to approve the RFQ for the Digester Upgrades. The motion was seconded by Brian Schmidt. The motion was passed unanimously.

5. Next item on the agenda was the approval directing the technical committee to prepare preliminary cost estimates for major future Capital Improvement Program (CIP) projects including upgrades to the lift station, aeration, clarifiers, and overall plant capacity. Brian Schmidt motioned to approve moving forward with cost estimates on the CIP projects. The motion was seconded by Nicole Gleason. The motion passed unanimously.
6. Next item on the agenda was an update on the recruitment for Manager of Water Pollution Control Plant. Nicole Gleason reported they had a phone interview with an applicant last week. If the candidate's certifications transfer to Iowa, they would fly the candidate in for interviews and invite committee members to attend. Doug Hradek is currently the Interim Water Pollution Control Plant Manager and one of the operators has been appointed Interim Supervisor to assist Doug.
7. The next item was the discussion of recent Sanitary Sewer Overflow (SSO). Bettendorf pumped 11 million gallons during the recent rainfall. Nicole Gleason reported according to the National Weather Service data we received 3.5 inches of rain within a 72 hour period. Davenport found at Silver Creek the first 12 inches of ground were wet, but underneath was dry indicating the water wasn't fully saturating due to the previous drought conditions. Davenport reported receiving a 7 million gallon per day spike in one sewer basin during the event, which then caused the plant from receiving 23 million gallons per day to 75 million gallons. This shows the focus needs to be on I&I projects to prevent infiltration in the system.
8. Next item on the agenda was the discussion of future meeting dates. The committee agreed to hold the next meeting in January.
9. The next item on the agenda was other business. There were no items brought up by the group.

The meeting was adjourned on motion by Brian Schmidt and seconded by Mayor Gallagher.

Water Pollution Control Cost Allocations

FY 2026 Fund 115 Cost Allocation

	FY 2020 Budget	FY 2020 Actual	FY 2021 Budget	FY 2021 Actual	FY 2022 Budget	FY 2022 Actual	FY 2023 Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Actual	FY 2025 Budget	FY 2026 Budget
Public Works Administration												
Employee Expense	55,976	58,035	60,214	62,446	61,052	65,321	117,890	118,159	121,451	121,367	123,258	129,573
Supplies and Services	35,153	23,926	36,405	19,525	36,206	26,513	33,526	20,918	33,742	19,247	34,735	35,033
Capital Expenditures	-	-	-	-	-	-	-	-	-	-	-	-
Total	91,129	81,961	96,619	81,971	97,258	91,834	151,416	139,077	155,193	140,614	157,993	164,606
Water Pollution Control Plant												
Employee Expense	3,175,498	3,032,896	3,211,976	2,994,805	3,241,915	3,064,493	3,310,985	3,114,534	3,303,928	3,029,539	3,326,204	3,472,231
Supplies and Services	2,732,143	2,577,793	2,873,192	2,713,152	2,804,398	3,016,373	2,843,990	3,277,647	2,987,020	3,987,694	3,540,316	3,587,455
Capital Expenditures	310,000	272,005	280,000	239,304	250,000	14,530	170,000	170,000	795,000	180,494	403,000	403,000
Total	6,217,641	5,882,694	6,365,168	5,947,261	6,296,313	6,095,396	6,324,975	6,562,181	7,085,948	7,197,727	7,269,520	7,462,686
Compost Facility												
Employee Expense	1,129,351	1,084,625	1,097,134	1,086,914	1,124,147	1,101,628	1,218,470	1,152,723	1,250,701	1,144,526	1,228,182	1,261,913
Supplies and Services	1,074,946	971,887	1,106,871	935,908	1,061,598	1,036,703	1,119,280	1,161,298	1,167,200	1,249,802	1,201,057	1,221,083
Capital Expenditures	187,500	95,946	77,500	17,384	217,500	86,590	77,500	45,770	77,500	67,478	77,500	77,500
Total	2,391,797	2,152,458	2,281,505	2,040,206	2,403,245	2,224,921	2,415,250	2,359,791	2,495,401	2,461,806	2,506,739	2,560,496
Facilities Maintenance												
Employee Expense	N/A	N/A	N/A		92,008							95,815
Total	N/A	N/A	N/A		92,008							95,815
Fleet Management												
Employee Expense	97,408	91,339	95,498	90,697	97,972	94,381	99,060	92,534	102,230	94,539	103,759	109,059
Supplies and Services	6,687	6,212	7,564	7,072	6,813	6,455	7,513	7,545	7,686	7,955	8,811	8,920
Capital Expenditures	-	-	-	-	-	-	-	-	-	-	200,000	200,000
Total	104,095	97,551	103,062	97,769	104,785	100,836	106,573	100,079	109,916	102,494	312,570	317,979
Sewer Maintenance												
Supplies and Services	20,000	-	-	-	-	-	-	-	-	-	-	-
Total	20,000	-	-	-	-	-	-	-	-	-	-	-
Operations & Support Services												
Employee Expense	48,352	50,529	52,252	51,429	54,451	48,968	-	-	-	-	-	-
Supplies and Services	7,435	7,435	9,006	9,006	8,570	8,570	-	-	-	-	-	-
Capital Expenditures	-	-	-	-	-	-	-	-	-	-	-	-
Total	55,787	57,964	61,258	60,435	63,021	57,538	-	-	-	-	-	-
Total Budget	8,880,449	8,272,628	8,907,612	8,227,642	9,056,630	8,570,525	8,998,214	9,161,128	9,846,458	9,902,641	10,246,822	10,601,582
Offsetting Revenues												
Compost Sales	580,000	647,466	600,000	580,708	605,000	556,156	375,000	625,610	605,000	605,000	605,000	605,000
Energy Sales	500,000	425,045	500,000	327,767	450,000	480,874	450,000	460,731	450,000	450,000	450,000	450,000
Miscellaneous	-	2,114.00	-	1,733	-	5,032	-	-	-	-	-	-
Total	1,080,000	1,074,625	1,100,000	910,208	1,055,000	1,042,062	825,000	1,086,341	1,055,000	1,055,000	1,055,000	1,055,000
Debt Service Expense												
Principal Payments	329,000	329,000	350,988	336,000	683,000	683,000	695,000	695,000	709,000	677,833	690,000	682,000
Interest Payments	115,308	112,959	130,295	147,004	267,175	209,779	240,535	230,945	182,662	216,127	231,380	157,523
Total	444,308	441,959	481,283	483,004	950,175	892,779	935,535	925,945	891,662	893,960	921,380	839,523
Operating Net Cost to Allocate	7,800,449	7,198,003	7,807,612	7,317,434	8,001,630	7,528,463	8,173,214	8,074,787	8,791,458	8,847,641	9,191,822	9,546,582
Allocation Percentages												
Davenport	81.33%		79.75%		79.59%		78.82%		78.64%	78.64%	78.16%	76.96%
Bettendorf	17.87%		19.14%		19.38%		19.95%		20.18%	20.18%	20.74%	21.88%
Riverdale	0.73%		1.03%		0.95%		1.16%		1.11%	1.11%	1.03%	1.08%
Panorama Park	0.07%		0.07%		0.08%		0.07%		0.07%	0.07%	0.07%	0.08%
Operating Allocation Amounts (Fund 115)												
Davenport	6,344,105	5,989,456	6,226,571	5,778,280	6,368,497	5,965,650	6,442,127	6,347,712	6,913,603	6,957,785	7,184,328	7,347,050
Bettendorf	1,393,940	1,316,016	1,494,377	1,386,613	1,550,716	1,452,624	1,630,556	1,606,607	1,774,116	1,785,454	1,906,384	2,088,792
Riverdale	56,943	53,760	80,418	74,619	76,015	71,207	94,809	93,417	97,585	98,209	94,676	103,103
Panorama Park	5,460	5,155	5,465	5,071	6,401	5,996	5,721	5,637	6,154	6,193	6,434	7,637
Total	7,800,449	7,364,387	7,806,831	7,244,583	8,001,630	7,495,477	8,173,214	8,053,373	8,791,458	8,847,641	9,191,822	9,546,582
To Replacement Fund (Fund 116)												
Davenport	1,083,370	1,083,370	1,065,573	1,009,643	955,275	1,007,491	966,319	1,013,294	1,037,040	1,043,668	1,077,649	1,061,104
Bettendorf	238,040	238,041	255,738	242,285	232,607	245,322	244,583	256,473	266,117	267,818	285,958	301,676
Riverdale	9,724	9,724	13,762	13,038	11,402	12,026	14,221	14,913	14,638	14,731	14,201	14,891
Panorama Park	932	932	935	886	960	1,013	858	900	923	929	965	1,103
Total	1,332,067	1,332,067	1,336,008	1,265,852	1,200,245	1,265,852	1,225,982	1,285,580	1,318,719	1,327,146	1,378,773	1,378,773
To Debt Service Fund (Fund 118)												
Davenport	N/A	N/A	383,823	368,681	756,244	714,175	737,389	725,810	701,203	703,010	720,151	646,097
Bettendorf	N/A	N/A	92,118	88,473	184,144	173,900	186,639	183,709	179,937	180,401	191,094	183,688
Riverdale	N/A	N/A	4,957	4,761	9,027	8,525	10,852	10,682	9,897	9,923	9,490	9,067
Panorama Park	N/A	N/A	337	324	760	637	655	645	624	626	645	672
Total	N/A	N/A	481,235	462,239	950,175	897,237	935,535	920,846	891,662	893,960	921,380	839,523
To Reserve (Fund 119)												
Davenport	N/A	N/A	124,531	134,619	127,370	130,968	128,843	135,105	138,272	139,156	143,687	146,941
Bettendorf	N/A	N/A	29,888	32,342	31,014	32,133	32,611	34,196	35,482	35,709	38,128	41,776
Riverdale	N/A	N/A	1,608	1,741	1,520	1,576	1,896	1,988	1,952	1,964	1,894	2,062
Panorama Park	N/A	N/A	109	118	128	133	114	120	123	124	129	153
Total	N/A	N/A	156,137	168,820	160,033	164,810	163,464	171,409	175,829	176,953	183,836	190,932
Total Allocation Amount												
Davenport	7,427,476	5,666,324	7,800,498	7,291,223	8,207,386	7,818,284	8,274,678	8,221,921	8,790,118	8,843,618	9,125,814	9,201,191
Bettendorf	1,631,981	1,316,016	1,872,120	1,749,713	1,998,482	1,903,979	2,094,390	2,080,985	2,255,653	2,269,382	2,421,563	2,615,931
Riverdale	66,667	53,760	100,746	94,159	97,965	93,334	121,779	121,000	124,072	124,827	120,261	129,123
Panorama Park	6,393	5,155	6,847	6,399	8,250	7,779	7,349	7,302	7,824	7,872	8,173	9,565
Total	9,132,516	7,041,255	9,780,211	9,141,494	10,312,082	9,823,376	10,498,195	10,431,208	11,177,668	11,245,700	11,675,812	11,955,810

**6-YEAR CAPITAL PROJECT LIST & FUNDING PLAN
ALL CITIES**

PAY/GO FINANCING	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
COMPOST END LOADER REPLACEMENT PROGRAM	-	225,000	-	400,000	-	350,000
CLARIFIER DRIVE REPAIR & REPLACEMENT	1,200,000	975,000	-	-	-	-
DIGESTER REHABILITATION PROJECT	2,100,000	15,000,000	10,000,000	-	-	-
WPCP AERATION BASIN REHABILITATION	500,000	-	-	-	375,000	-
WPCP AERATION BLOWER REPLACEMENT	-	-	-	-	800,000	-
WPCP FLOOD MITIGATION PHASE II	850,000	-	-	-	-	-
WPCP INFLUENT BAR SCREEN REPLACEMENT	5,300,000	-	-	-	-	-
WPCP LIFT STATION WET WELL INSPECTION	-	-	-	922,500	-	-
WPCP PEAK FLOW TREATMENT DISINFECTION	-	-	-	-	250,000	500,000
	9,950,000	16,200,000	10,000,000	1,322,500	1,425,000	850,000

RESERVE FUND	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
RESERVE FOR EMERGENCY PURCHASES	190,746	200,284	210,298	220,813	231,853	243,446

DEBT FINANCING - PROJECT	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
PRINCIPAL & INTEREST	839,523	838,870	838,264	836,838	836,242	835,456

PAY/GO FINANCING DISTRIBUTION	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
DAVENPORT	7,657,520	12,467,520	7,696,000	1,017,796	1,096,680	654,160
BETTENDORF	2,177,060	3,544,560	2,188,000	289,363	311,790	185,980
RIVERDALE	107,460	174,960	108,000	14,283	15,390	9,180
PANORAMA PARK	7,960	12,960	8,000	1,058	1,140	680

RESERVE FUND DISTRIBUTION	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
DAVENPORT	146,798	154,138	161,845	169,937	178,434	187,356
BETTENDORF	41,735	43,822	46,013	48,314	50,729	53,266
RIVERDALE	2,060	2,163	2,271	2,385	2,504	2,629
PANORAMA PARK	153	160	168	177	185	195

DEBT FINANCING DISTRIBUTION	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
DAVENPORT	646,097	645,594	645,128	644,031	643,572	642,967
BETTENDORF	183,688	183,545	183,412	183,100	182,970	182,798
RIVERDALE	9,067	9,060	9,053	9,038	9,031	9,023
PANORAMA PARK	672	671	671	669	669	668

**6-YEAR CAPITAL PROJECT LIST & FUNDING PLAN
DAVENPORT SHARE ONLY**

PAY/GO FINANCING	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
COMPOST END LOADER REPLACEMENT PROGRAM	-	173,160	-	307,840	-	269,360
CLARIFIER DRIVE REPAIR & REPLACEMENT	923,520	750,360	-	-	-	-
DIGESTER REHABILITATION PROJECT	1,616,160	11,544,000	7,696,000	-	-	-
WPCP AERATION BASIN REHABILITATION	384,800	-	-	-	288,600	-
WPCP AERATION BLOWER REPLACEMENT	-	-	-	-	615,680	-
WPCP FLOOD MITIGATION PHASE II	654,160	-	-	-	-	-
WPCP INFLUENT BAR SCREEN REPLACEMENT	4,078,880	-	-	-	-	-
WPCP LIFT STATION WET WELL INSPECTION	-	-	-	709,956	-	-
WPCP PEAK FLOW TREATMENT DISINFECTION	-	-	-	-	192,400	384,800
	7,657,520	12,467,520	7,696,000	1,017,796	1,096,680	654,160
RESERVE FUND						
RESERVE FOR EMERGENCY PURCHASES	146,798	154,138	161,845	169,937	178,434	187,356
DEBT FINANCING - PROJECT						
PRINCIPAL & INTEREST	646,097	645,594	645,128	644,031	643,572	642,967

**6-YEAR CAPITAL PROJECT LIST & FUNDING PLAN
BETTENDORF SHARE ONLY**

PAY/GO FINANCING	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
COMPOST END LOADER REPLACEMENT PROGRAM	-	49,230	-	87,520	-	76,580
CLARIFIER DRIVE REPAIR & REPLACEMENT	262,560	213,330	-	-	-	-
DIGESTER REHABILITATION PROJECT	459,480	3,282,000	2,188,000	-	-	-
WPCP AERATION BASIN REHABILITATION	109,400	-	-	-	82,050	-
WPCP AERATION BLOWER REPLACEMENT	-	-	-	-	175,040	-
WPCP FLOOD MITIGATION PHASE II	185,980	-	-	-	-	-
WPCP INFLUENT BAR SCREEN REPLACEMENT	1,159,640	-	-	-	-	-
WPCP LIFT STATION WET WELL INSPECTION	-	-	-	201,843	-	-
WPCP PEAK FLOW TREATMENT DISINFECTION	-	-	-	-	54,700	109,400
	2,177,060	3,544,560	2,188,000	289,363	311,790	185,980
RESERVE FUND						
RESERVE FOR EMERGENCY PURCHASES	41,735	43,822	46,013	48,314	50,729	53,266
DEBT FINANCING - PROJECT						
PRINCIPAL & INTEREST	183,688	183,545	183,412	183,100	182,970	182,798

**6-YEAR CAPITAL PROJECT LIST & FUNDING PLAN
RIVERDALE SHARE ONLY**

PAY/GO FINANCING	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
COMPOST END LOADER REPLACEMENT PROGRAM	-	2,430	-	4,320	-	3,780
CLARIFIER DRIVE REPAIR & REPLACEMENT	12,960	10,530	-	-	-	-
DIGESTER REHABILITATION PROJECT	22,680	162,000	108,000	-	-	-
WPCP AERATION BASIN REHABILITATION	5,400	-	-	-	4,050	-
WPCP AERATION BLOWER REPLACEMENT	-	-	-	-	8,640	-
WPCP FLOOD MITIGATION PHASE II	9,180	-	-	-	-	-
WPCP INFLUENT BAR SCREEN REPLACEMENT	57,240	-	-	-	-	-
WPCP LIFT STATION WET WELL INSPECTION	-	-	-	9,963	-	-
WPCP PEAK FLOW TREATMENT DISINFECTION	-	-	-	-	2,700	5,400
	107,460	174,960	108,000	14,283	15,390	9,180
RESERVE FUND						
RESERVE FOR EMERGENCY PURCHASES	2,060	2,163	2,271	2,385	2,504	2,629
DEBT FINANCING - PROJECT						
PRINCIPAL & INTEREST	9,067	9,060	9,053	9,038	9,031	9,023

**6-YEAR CAPITAL PROJECT LIST & FUNDING PLAN
PANORAMA PARK SHARE ONLY**

	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
PAY/GO FINANCING						
COMPOST END LOADER REPLACEMENT PROGRAM	-	180	-	320	-	280
CLARIFIER DRIVE REPAIR & REPLACEMENT	960	780	-	-	-	-
DIGESTER REHABILITATION PROJECT	1,680	12,000	8,000	-	-	-
WPCP AERATION BASIN REHABILITATION	400	-	-	-	300	-
WPCP AERATION BLOWER REPLACEMENT	-	-	-	-	640	-
WPCP FLOOD MITIGATION PHASE II	680	-	-	-	-	-
WPCP INFLUENT BAR SCREEN REPLACEMENT	4,240	-	-	-	-	-
WPCP LIFT STATION WET WELL INSPECTION	-	-	-	738	-	-
WPCP PEAK FLOW TREATMENT DISINFECTION	-	-	-	-	200	400
	7,960	12,960	8,000	1,058	1,140	680
RESERVE FUND						
RESERVE FOR EMERGENCY PURCHASES	153	160	168	177	185	195
DEBT FINANCING - PROJECT						
PRINCIPAL & INTEREST	672	671	671	669	669	668

FY25 Water Pollution Control Funds Cash Balance

	Replacement	Debt Service	Reserve	Total
7/1/24 Beginning cash balance	5,225,563	-	730,145	5,955,708
FY25 CIP transfers to date	(474,542)	-	-	(474,542)
FY25 Interest to date	64,507	-	9,224	73,731
FY25 Revenue	1,485,396	840,550 *	198,053	2,523,999
Estimate total available	<u>6,300,924</u>	<u>840,550</u>	<u>937,422</u>	<u>8,078,896</u>
Remaining to transfer to CIP (includes all budgeted FY25 projects)				
SRF payments (Plant Optimization)	-	(417,180) *	-	(417,180)
SRF payments (UV Disinfection)	-	(423,370) *	-	(423,370)
39012 WPCP & Compost Flood Mitigation	(1,629,528)	-	-	(1,629,528)
39016 Compost Trench Replacement	(526,586)	-	-	(526,586)
39017 Digester Cleaning & Repair Program	(1,220,000)			
	<u>(3,376,114)</u>	<u>(840,550)</u>	-	<u>(2,996,664)</u>
Balance available as of 12/31/24	<u><u>2,924,810</u></u>	-	<u>937,422</u>	<u>5,082,232</u>

* Estimated

FUNDING/PROGRAM/PROJECT			FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
WPCP								
<i>FLEET</i>	24031	COMPOST END LOADER REPLACEMENT PROGRAM	\$ -	\$ 225,000	\$ -	\$ 400,000	\$ -	\$ 350,000
<i>WPCP</i>	FP123	CLARIFIER DRIVE REPAIR & REPLACEMENT	\$ 1,200,000	\$ 975,000	\$ -	\$ -	\$ -	\$ -
<i>WPCP</i>	39017	DIGESTER REHABILITATION PROJECT	\$ 2,100,000	\$ 15,000,000	\$ 10,000,000	\$ -	\$ -	\$ -
<i>WPCP</i>	FP126	WPCP AERATION BASIN REHABILITATION	\$ 500,000	\$ -	\$ -	\$ -	\$ 375,000	\$ -
<i>WPCP</i>	FP129	WPCP AERATION BLOWER REPLACEMENT	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ -
<i>WPCP</i>	FP124	WPCP FLOOD MITIGATION PHASE II	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ -
<i>WPCP</i>	FP125	WPCP INFLUENT BAR SCREEN REPLACEMENT	\$ 5,300,000	\$ -	\$ -	\$ -	\$ -	\$ -
<i>WPCP</i>	FP127	WPCP LIFT STATION WET WELL INSPECTION	\$ -	\$ -	\$ -	\$ 922,500	\$ -	\$ -
<i>WPCP</i>	FP128	WPCP PEAK FLOW TREATMENT DISINFECTION	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 500,000
TOTAL WPCP REPLACEMENT FUND			\$ 9,950,000	\$ 16,200,000	\$ 10,000,000	\$ 1,322,500	\$ 1,425,000	\$ 850,000

28 E Allocation FY20

FY 2026 Budget (July 01, 2025 to June 30, 2026)						
Total Est. Annual O&M, PW Admin., Fleet and Compost			\$	10,601,582		
Total Est. Annual Energy Credit, Compost Revenue and Misc. Revenue			\$	1,055,000		
		Estimated O&M:	\$	9,546,582		
Actual Industrial Pretreatment Cost- CY 2024			\$	1,246,118		
WPCP Treatment Cost (O&M minus Pretreatment)			\$	8,300,464		
Total Plant Flow (gal.)- Nov 23 through Oct 24 CY 2024		9,486,959,550		25.99167	Annual avg. of the monthly, daily flow avg. from WPCP (MGD)	
Total Plant Organics (lbs. BOD)- Nov 23 through Oct 24 CY 2024		14,050,613		38,495	Annual avg. of the monthly, daily BOD avg. from WPCP (lbs.)	
City	Population					
Davenport	100,361					
Bettendorf	39,297					
Riverdale	408					
Panorama Park	148					
Total:	140,214					
		Flow Cost (\$)	Flow/1,000 gal.	Cost/ 1,000 gal.		
Flow = 60% of WPCP Treatment Cost		\$ 4,980,278.3	9,486,960	\$ 0.52		
		BOD Cost (\$)	lbs. BOD	Cost/ lb. BOD		
Organics (BOD) = 40% of WPCP Treatment Cost		\$ 3,320,185.6	14,050,613	\$ 0.24		
Annual Industrial Pretreatment Flow- CY 2024						
City	Gallons	% Total	Flow/1,000 gal.	Cost/ 1,000 gal.		
Davenport	453,019,528	87.54%	453,020	\$ 237,817		
Bettendorf	23,361,971	4.51%	23,362	\$ 12,264		
Riverdale	41,111,688	7.94%	41,112	\$ 21,582		
Panorama Park	0	0.00%	0	\$ -		
Total:	517,493,187		517,493	\$ 271,663		
Annual Industrial Pretreatment Organics (BOD)- CY 2024						
City	lbs. BOD	% Total	Cost/ lb. BOD			
Davenport	3,192,590	98.27%	\$ 754,415			
Bettendorf	31,451	0.97%	\$ 7,432			
Riverdale	24,635	0.76%	\$ 5,821			
Panorama Park	0	0.00%	\$ -			
Total:	3,248,676		\$ 767,668			
Residential & Commercial Flow						
Total Residential & Commercial Flow (gal.)- CY 2024			8,969,466,363			
Annual Flow (gallons/yr./capita)			63,969.83			
Daily Average Flow (gallons/day/capita)			175.26		<i>Industry Standard is equivalent is 100 gallons/day/capita</i>	
Residential & Commercial Organics (BOD)						
Total Residential & Commercial Organics (lbs. BOD)- CY 2024			10,801,937			
Annual BOD PE (lbs./yr/capita)			77.039			
Daily Ave BOD PE (lbs./day/capita)			0.211		<i>Industry Standard is equivalent is 0.17 lbs/day/capita</i>	
Residential & Commercial Flow & Organics (BOD)						
City	Population	Annual Res. & Com. Flow (gal.)	Annual Res. & Com. Flow Cost/1,000 gal.	Annual Res. & Com. BOD (lbs.)	Annual Res. & Com. Organic Cost (\$)	
Davenport	100,361	6,420,076,552	\$ 3,370,286	7,731,704	\$ 1,827,016	
Bettendorf	39,297	2,513,822,583	\$ 1,319,657	3,027,399	\$ 715,380	
Riverdale	408	26,099,692	\$ 13,701	31,432	\$ 7,427	
Panorama Park	148	9,467,535	\$ 4,970	11,402	\$ 2,694	
Total:		8,969,466,363	\$ 4,708,615	10,801,937	\$ 2,552,517	
Summary of Total O&M Treatment Costs Less Pretreatment Cost						
City	Annual Res. & Com. Flow Cost/1,000 gal. (\$)	Annual Res. & Com. Organic Cost (\$)	Annual Industrial Flow Cost/1,000 gal. (\$)	Annual Industrial Organic Cost (\$)	Total Annual Cost (\$)	
Davenport	\$ 3,370,286	\$ 1,827,016	\$ 237,817	\$ 754,415	\$ 6,189,534	
Bettendorf	\$ 1,319,657	\$ 715,380	\$ 12,264	\$ 7,432	\$ 2,054,733	
Riverdale	\$ 13,701	\$ 7,427	\$ 21,582	\$ 5,821	\$ 48,532	
Panorama Park	\$ 4,970	\$ 2,694	\$ -	\$ -	\$ 7,664	
Total:					\$ 8,300,464	
Actual Industrial Pretreatment Cost Breakdown					Combined O&M and Pretreatment Cost	
City	% Flow	% BOD	Average %	Pretreatment Costs (\$)	Total Cost	Allocation % cost
Davenport	87.54%	98.27%	92.91%	\$1,157,736	\$7,347,270	76.96%
Bettendorf	4.51%	0.97%	2.74%	\$34,160	\$2,088,893	21.88%
Riverdale	7.94%	0.76%	4.35%	\$54,223	\$102,755	1.08%
Panorama Park	0.00%	0.00%	0.00%	\$0	\$7,664	0.08%
Total:				\$1,246,118	\$ 9,546,582	100.00%

Water Pollution Control Plant Capacity

Design Based on 40 MG MWW, Flow, 40 MG	PE Factor 100 gallons/capita/day	Population Equivalent (PE) 400,000	85% PE 340,000
BOD, 65,000 lbs/day	0.17 lbs BOD/capita/day	382,353	325,000
Total Suspended Solids, 67,200 lbs./day	0.23 lbs. TSS/capita/day	292,174	248,348

2020 Census Data		% of PE Flow 40 MG MWW	Percent of Capacity	PE Flow 100%	PE Flow 85%
100 gallons/capita/day	Population		40 MWW % PE Flow	40 MWW % PE Flow	40 MWW % PE Flow
Davenport	100,361	25.09%	71.58%	286,308	243,362
Bettendorf	39,297	9.82%	28.03%	112,106	95,290
Riverdale	408	0.10%	0.29%	1,164	989
Panorama Park	148	0.04%	0.11%	422	359
Total	140,214	35.05%	100.00%	400,000	340,000

2020 Census Data		% of PE Flow 40 MG MWW	Percent of Capacity	PE BOD 100%	PE BOD 85%
BOD PE @ 0.17 lbs. BOD/capita/day	Population		40 MWW % PE Flow	40 MWW % PE Flow	40 MWW % PE Flow
Davenport	100,361	26.25%	71.58%	273,677	232,625
Bettendorf	39,297	10.28%	28.03%	107,160	91,086
Riverdale	408	0.11%	0.29%	1,113	946
Panorama Park	148	0.04%	0.11%	404	343
Total	140,214	36.67%	100.00%	382,353	325,000

2020 Census Data		% of PE Flow 40 MG MWW	Percent of Capacity	PE TSS 100%	PE TSS 85%
TSS PE @ 0.23 lbs. TSS/capita/day	Population		40 MWW % PE Flow	40 MWW % PE Flow	40 MWW % PE Flow
Davenport	100,361	34.35%	71.58%	209,129	177,760
Bettendorf	39,297	13.45%	28.03%	81,886	69,603
Riverdale	408	0.14%	0.29%	850	723
Panorama Park	148	0.05%	0.11%	308	262
Total	140,214	47.99%	100.00%	292,174	248,348

Comparison of Maximum Daily allocated permitted flows and loadings vs. Population Equivalent

INDUSTRY	Flow, MGD			BOD, lbs/day			TSS, lbs/day		
	Daily Max (Allocated)	Population Equivalent	% of WPC Treatment @ 40 MGD	Daily Max (Allocated)	Population Equivalent	% of WPC Treatment @ 40 MGD	Daily Max (Allocated)	Population Equivalent	% of WPC Treatment @ 40 MGD
Davenport									
P B Leiner	1.200	12,000	3.00%	17,000	100,000	26.15%	8,400	36,522	12.50%
Kraft Heinz	0.900	9,000	2.25%	2,439	14,347	3.75%	2,927	12,726	4.36%
Nestle Purina	0.200	2,000	0.50%	2,100	12,353	3.23%	1,700	7,391	2.53%
Novelis ALR Aluminum Casting	0.175	1,750	0.44%	365	2,147	0.56%	657	2,857	0.98%
Novelis ALR Aluminum Finishing	0.200	2,000	0.50%	300	1,765	0.46%	300	1,304	0.45%
John Deere (1)	0.340	3,400	0.85%	650	3,824	1.00%	750	3,261	1.12%
Genesis Health East (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Genesis Health East (2)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sears Manufacturing (2)	0.200	2,000	0.50%	250	1,471	0.38%	300	1,304	0.45%
Genesis Health West	NA	NA	NA	NA	NA	NA	NA	NA	NA
Crescent Laundry	0.060	600	0.15%	163	959	0.25%	195	848	0.29%
Mission Systems (Formerly Cobha	0.030	300	0.08%	125	735	0.19%	125	543	0.19%
Canadian Pacific Railroad	0.020	200	0.05%	35	206	0.05%	43	187	0.06%
Isabel Bloom	0.0050	50	0.01%	3	15	0.00%	10	45	0.02%
Alter Trading Company	0.030	300	0.08%	NL	NA	NA	NL	NA	NA
Industrial Technology	0.0020	20	0.01%	NL	NA	NA	NL	NA	NA
River Cities Business Park	0.108	1,080	0.27%	293	1,724	0.45%	405	1,761	0.60%
Total	3.470	34,700	8.68%	23,723	139,545	36.50%	15,812	68,749	23.53%
John Wulf's Septic Tank	0.005	50	0.01%	NL	NA	NA	NL	NA	NA
Quest Liner Tank Wash	0.0250	250	0.06%	600	3,529	0.92%	375	1,630	0.56%
Enviromark Corporation	0.030	300	0.08%	NL	NA	NA	NL	NA	NA
Seneca Companies	0.030	300	0.08%	NL	NA	NA	NL	NA	NA
Roto-Rooter	0.015	150	0.04%	NL	NA	NA	NL	NA	NA
B&B Drain Tech, Inc.	0.007	70	0.02%	NL	NA	NA	NL	NA	NA
Roger's MTW	0.005	50	0.01%	NL	NA	NA	NL	NA	NA
Scott Area Landfill	0.065	650	0.16%	NL	NA	NA	NL	NA	NA
Environmental Management	0.030	300	0.08%	NL	NA	NA	NL	NA	NA
Elite Trash Can Cleaning	0.000650	7	0.00%	NL	NA	NA	NL	NA	NA
First Class Power Washing	0.0008	8	0.00%	NL	NA	NA	NL	NA	NA
Waste Hauler Total	0.213	2,130	0.53%	600	3529.411765	0.92%	375	1630.434783	0.56%
Bettendorf									
Trinity Medical Bett	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sivyer Steel	NA	NA	NA	NA	NA	NA	NA	NA	NA
LeClaire Manufacturing	0.000	0	0.00%	0	0	0.00%	0	0	0.00%
AVG/Uticor Automation	0.0008	8	0.00%	NL	NA	NA	NL	NA	NA
Total	0.001	8	0.000	0	0	0.00%	0	0	0.00%
Riverdale									
Arconic	0.255	2,550	0.64%	270	1,588	0.42%	320	1,391	0.48%

City Population Equivalent Worksheet Totals and Percentages. **85% Capacity**

City	Flow, PE			BOD, lbs/day			TSS, lbs/day		
	40 MWW PE		Population	40 MWW PE		Population	40 MWW PE		Population
Davenport									
Population	243,362	41.24%	100,361	232,625	43.14%	100,361	177,760	56.46%	100,361
Industry	243,362	14.26%	34,700	232,625	59.99%	139,545	177,760	38.68%	68,749
Total		55.50%	135,061		103.13%	239,906		95.13%	169,110
Total (% of 85% Tmt)	340,000	39.72%	135,061	325,000	73.82%	239,906	248,348	68.09%	169,110
Bettendorf									
Population	95,290	41.24%	39,297	91,086	43.14%	39,297	69,603	56.46%	39,297
Industry	95,290	0.01%	8	91,086	0.00%	0	69,603	0.00%	0
Total		41.25%	39,305		43.14%	39,297		56.46%	39,297
Total (% of 85% Tmt)	340,000	11.56%	39,305	325,000	12.09%	39,297	248,348	15.82%	39,297
Riverdale									
Population	989	41.24%	408	946	43.14%	408	723	56.46%	408
Industry	989	257.75%	2,550	946	167.94%	1,588	723	192.53%	1,391
Total		298.99%	2,958		211.09%	1,996		248.99%	1,799
Total (% of 85% Tmt)	340,000	0.87%	2,958	325,000	0.61%	1,996	248,348	0.72%	1,799
Panorama Park									
Population	359	41.24%	148	343	43.14%	148	262	56.46%	148
Total		41.24%	148		43.14%	148		56.46%	148
Total (% of 85% Tmt)	340,000	0.04%	148	325,000	0.05%	148	248,348	0.06%	148
Percentage of Capacity Allocated		52.20%	177,472		86.57%	281,347		84.70%	210,354

City Population Equivalent Worksheet Totals and Percentages. **100% Capacity**

City	Flow, PE			BOD, lbs/day			TSS, lbs/day		
	40 MWW PE		Population	40 MWW PE		Population	40 MWW PE		Population
Davenport									
Population	286,308	35.05%	100,361	273,677	36.67%	100,361	209,129	47.99%	100,361
Industry	286,308	12.12%	34,700	273,677	50.99%	139,545	209,129	32.87%	68,749
Total		47.17%	135,061		87.66%	239,906		80.86%	169,110
Total	400,000	33.77%	135,061	382,353	62.74%	239,906	292,174	57.88%	169,110
Bettendorf									
Population	112,106	35.05%	39,297	107,160	36.67%	39,297	81,886	47.99%	39,297
Industry	112,106	0.01%	8	107,160	0.00%	0	81,886	0.00%	0
Total		35.06%	39,305		36.67%	39,297		47.99%	39,297
Total	400,000	9.83%	39,305	382,353	10.28%	39,297	292,174	13.45%	39,297
Riverdale									
Population	1,164	35.05%	408	1,113	36.67%	408	850	47.99%	408
Industry	1,164	219.08%	2,550	1,113	142.75%	1,588	850	163.65%	1,391
Total		254.14%	2,958		179.42%	1,996		211.64%	1,799
Total	400,000	0.74%	2,958	382,353	0.52%	1,996	292,174	0.62%	1,799
Panorama Park									
Population	422	35.05%	148	404	36.67%	148	308	47.99%	148
Total		35.05%	148		36.67%	148		47.99%	148
Total	400,000	0.04%	148	382,353	0.04%	148	292,174	0.05%	148
Percentage of Capacity Allocated		44.37%	177,472		73.58%	281,347		72.00%	210,354