

CLAIRTON MUNICIPAL AUTHORITY

BOARD OF DIRECTORS MEETING

September 19th, 2024

Meeting called to order at 6:30 PM by John Vitullo.

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Session was held from 6:07 P.M. until 6:28 P.M. discuss operations and construction.

	Present	Absent
<u>Roll Call</u>		
Brian Koontz	<u>    X    </u>	<u>          </u>
Lawrence Wulf	<u>    X    </u>	<u>          </u>
John Verlich	<u>          </u>	<u>    X    </u>
Doug Ozvath	<u>    X    </u>	<u>          </u>
John Vitullo	<u>    X    </u>	<u>          </u>

Administration/Professional

Ryan Potts, Superintendent  
Brian Melnichak, Finance Director  
Joe Gianvito, P. E., KLH Engineers  
Robert McTiernan, Solicitor

Citizens Comments:

None:

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John Vitullo moved, and Brian Koontz seconded the Motion to approve the minutes from the Board Meeting of August 15<sup>th</sup>, 2024. The motion carried 4-0.

Larry Wulf moved, and Brian Koontz seconded the Motion to approve the bills from August 16<sup>th</sup>, 2024 thru September 18th, 2024. The motion carried 4-0.

John Vitullo moved, and Larry Wulf seconded the Motion to approve the Year-to-Date Income Statements for both Treatment and Collection. The motion carried 4-0.

John Vitullo moved, and Brian Koontz seconded the Motion to approve Collection System Billing Summary. The motion carried 4-0.

John Vitullo moved, and Larry Wulf seconded the Motion to approve Pay Application 27 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the Amount of \$178,917.12 for submission for payment. The motion carried 3-0.

John Vitullo moved, and Larry Wulf seconded the Motion to approve Pay Application 27 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the Amount of \$46,171.13 for submission to PennVest. The motion carried 3-0.

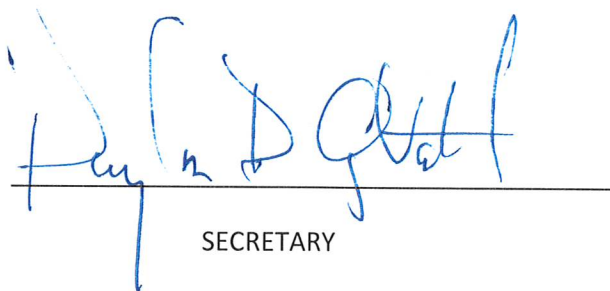
Doug Ozvath moved, and John Vitullo seconded the Motion to approve Pay Application 24 to Bronder Technical Services, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the Amount of \$39,900 for payment. The Motion Carried 3-0.

Brian Koontz moved, and John Vitullo seconded the Motion to adopt Updated Payment Plan Policy The Motion Carried 3-0.

John Vitullo moved, and Larry Wulf seconded the Motion to approve renewal of Cyber Insurance Policy through Travlrs Insurance at a cost of \$4,275.00 for 12 months beginning November 2024. The motion carried 3-0.

Larry Wulf moved, and John Vitullo seconded the Motion to approve billing of Jefferson Hills for unbilled services for the treatment of Waste Water from Wall Plan. The motion carried 3-0.

John Vitullo moved, and Brian Koontz seconded the motion to adjourn. The motion carried 3-0.



SECRETARY

**CLAIRTON MUNICIPAL AUTHORITY**

BOARD OF DIRECTORS

Regular Monthly Meeting

Thursday September 19<sup>th</sup>, 2024

6:00 P.M.

**AGENDA**

Roll Call and Pledge of Allegiance

Comments from the Public

1. Approval of Minutes
  - a. Motion to approve the minutes from the Board Meeting on August 15<sup>th</sup>, 2024.
2. Motion to approve the bills.
3. Motion to approve the Year-to-Date Income Statements for both Treatment and Collection.
4. Motion to approve Collection System Billing Summary.
5. Finance Report
  - a. Motion to approve Payment Plan Policy.
  - b. Motion to approve renewal of Cyber Insurance through Travelers insurance at a cost of \$4,275 for 12 months.
  - c. Motion to approve billing for payment of Wall Plan sewage treatment.
6. Collection & Operation Report
7. Engineer's Report
  - a. Motion to approve Pay Application No. 27 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the amount of \$178,917.12 for payment from CMA Funds.
  - b. Motion to approve Pay Application No. 27 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the amount of \$46,171.13 for payment from PennVest Funds.
  - c. Motion to approve Pay Application No. 24 to Bronder Technical Services, Inc. for Contract 2019-01 REBID Upgrades Phase 2 Electrical in the amount of \$39,900.00 for payment
8. Solicitor's Report
9. New Business
10. Motion to Adjourn

**CMA**  
**MEETING Check Register**  
**For the Period From Aug 16, 2024 to Sep 19, 2024**

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Cash Account	Amount
10846V	8/20/24	STEEL RIVERS COU	10310-G	-9,867.00
10890	8/23/24	First National Bank	10310-G	3,109.51
10891	8/28/24	ALL PRO PITTSBUR	10310-G	400.00
10892	8/28/24	AMERICAN WATER	10310-G	1,470.00
10893	8/28/24	Bronder Technical Se	10310-G	240,445.91
10894	8/28/24	CINTAS	10310-G	365.89
10895	8/28/24	COLUMBIA GAS OF	10310-G	262.41
10896	8/28/24	CRAWFORD ELLEN	10310-G	1,825.64
10897	8/28/24	DE LAGE LANDEN F	10310-G	140.00
10898	8/28/24	PACE ANALYTICAL	10310-G	59.12
10899	8/28/24	FAGAN SANITARY S	10310-G	560.52
10900	8/28/24	FRANK'S SHOES	10310-G	294.97
10901	8/28/24	HAPCHUK, INC.	10310-G	34,840.90
10902	8/28/24	HOME DEPOT CRE	10310-G	105.72
10903	8/28/24	Madison National Life	10310-G	2,111.90
10904	8/28/24	MAHER DUESSEL	10310-G	1,800.00
10905	8/28/24	MCMASTER-CARR	10310-G	257.44
10906	8/28/24	North Central Labs	10310-G	109.86
10907	8/28/24	PA DEP	10310-G	500.00
10908	8/28/24	PASTORE PLUMBIN	10310-G	2,800.00
10909	8/28/24	PEOPLES NATURAL	10310-G	62.82
10910	8/28/24	PITNEY BOWES GL	10310-G	1,226.91
10911	8/28/24	PRECISION COPY P	10310-G	60.25
10912	8/28/24	Precision Industrial C	10310-G	284.96
10913	8/28/24	Quill LLC	10310-G	376.93
10914	8/28/24	ROBERT ROSSI	10310-G	150.00
10915	8/28/24	STEEL RIVERS COU	10310-G	9,867.00
10916	8/28/24	TUCKER ARENSBE	10310-G	1,856.00
10917	8/28/24	USA BLUE BOOK	10310-G	716.88
10918	8/28/24	VERIZON WIRELES	10310-G	390.52
10919	8/28/24	WAYNE CROUSE, I	10310-G	1,128,425.2
10920	8/28/24	WEX BANK	10310-G	1,981.91

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**MEETING Check Register**  
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Check #	Date	Payee	Cash Account	Amount
10921	9/4/24	US POST OFFICE	10310-G	10,000.00
10862V	9/6/24	DRV INCORPORATE	10310-G	-270.84
10922	9/10/24	Boxer LLC	10310-G	670.00
10923	9/10/24	Brian Melnichak	10310-G	397.02
10924	9/10/24	EATON CORPORATI	10310-G	17,184.60
10925	9/10/24	JOHN J. VITULLO	10310-G	323.02
10926	9/10/24	MEIT	10310-G	35,245.06
10927	9/11/24	DUQUESNE LIGHT	10310-G	40,546.84
10928	9/18/24	AIRGAS USA, LLC	10310-G	764.40
10929	9/18/24	AMAZON CAPITAL S	10310-G	415.31
10930	9/18/24	AMERICAN WATER	10310-G	1,036.25
10931	9/18/24	AQUAPHOENIX SCI	10310-G	156.14
10932	9/18/24	CertaSite, LLC	10310-G	1,534.03
10933	9/18/24	CINTAS	10310-G	3,956.03
10934	9/18/24	COLUMBIA GAS OF	10310-G	366.23
10935	9/18/24	COMCAST BUSINES	10310-G	540.69
10936	9/18/24	Court Pest Control	10310-G	85.00
10937	9/18/24	DE LAGE LANDEN F	10310-G	140.00
10938	9/18/24	DRNACH ENVIRON	10310-G	5,295.00
10939	9/18/24	FAGAN SANITARY S	10310-G	577.95
10940	9/18/24	FAYETTE PARTS SE	10310-G	636.82
10941	9/18/24	FAYETTE WASTE L	10310-G	76.35
10942	9/18/24	FNB Commercial Cre	10310-G	5,606.40
10943	9/18/24	Invoice Cloud Inc.	10310-G	540.40
10944	9/18/24	JD PRINTING INC	10310-G	1,506.50
10945	9/18/24	JEFFERSON HILLS	10310-G	133.34
10946	9/18/24	KLH ENGINEERS, IN	10310-G	56,340.67
10947	9/18/24	LINK COMPUTER C	10310-G	1,484.98
10948	9/18/24	MCMASTER-CARR	10310-G	360.65
10949	9/18/24	MODEL UNIFORMS	10310-G	599.84
10950	9/18/24	NOBLE ENVIRONME	10310-G	22,827.19
10951	9/18/24	NOGA SERVICES	10310-G	95.00

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**MEETING Check Register**  
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Check #	Date	Payee	Cash Account	Amount
10952	9/18/24	PA AMERICAN WAT	10310-G	1,114.23
10953	9/18/24	PENNSYLVANIA ON	10310-G	55.99
10954	9/18/24	BOWES BANK INC	10310-G	1,037.50
10955	9/18/24	Quill LLC	10310-G	496.92
10956	9/18/24	R. C. SYSTEMS INC.	10310-G	313.17
10957	9/18/24	RC WALTER & SON	10310-G	69.16
10958	9/18/24	RONDINELLI, DEBO	10310-G	400.00
10959	9/18/24	Ryan Automotive Inc	10310-G	649.28
10960	9/18/24	SAMS CLUB/SYNCH	10310-G	204.26
10961	9/18/24	SHILOH SERVICE, I	10310-G	1,151.35
10962	9/18/24	SmartSights	10310-G	1,450.00
10963	9/18/24	SNYDER BROTHER	10310-G	85.24
10964	9/18/24	St Clair Medical Grou	10310-G	191.00
10965	9/18/24	SUBURBAN TESTIN	10310-G	1,860.00
10966	9/18/24	TUCKER ARENSBE	10310-G	2,543.50
10967	9/18/24	Univar Solutions USA	10310-G	3,300.00
10968	9/18/24	VAULT HEALTH	10310-G	55.75
10969	9/18/24	WILMINGTON TRUS	10310-G	65,832.00
<b>Total</b>				<b><u>1,716,972.4</u></b>

CMA  
Year to Date Income Statement  
WWTP Budget to Actual  
For the Eight Months Ending August 31, 2024  
Percent of Year 58.33% (7 months / 12 months)

	Current Year Actual	Current Year Budget	Remaining Amount	Percent Expended
<b>Revenues</b>				
Clairton Collecti/Debt Service	\$ 770,372.54	\$ 1,192,000.00	421,627.46	64.63
Jefferson Hills Debt Service	609,501.04	928,000.00	318,498.96	65.68
Petersan WWTP Debt Service	525,792.73	808,000.00	282,207.27	65.07
South Park Debt Service	99,320.52	145,000.00	45,679.48	68.50
<b>Total Debt Service Revenues</b>	<b>2,004,986.83</b>	<b>3,073,000.00</b>	<b>1,068,013.17</b>	<b>65.25</b>
Clairton Collec/Operation/Main	552,366.00	1,100,000.00	547,634.00	50.22
Jefferson Hills Operation/Main	453,546.87	1,075,000.00	621,453.13	42.19
Petersan Operation/Maint	975,560.61	1,125,000.00	149,439.39	86.72
South Park Operation/Maint	132,626.00	240,000.00	107,374.00	55.26
<b>Total Consumption Revenues</b>	<b>2,114,099.48</b>	<b>3,540,000.00</b>	<b>1,425,900.52</b>	<b>59.72</b>
<b>Other Revenue</b>				
Sludge Acceptance	93,870.85	200,000.00	106,129.15	46.94
Miscellaneous Income	205,179.68	0.00	(205,179.68)	0.00
Collection Office Rent	0.00	12,000.00	12,000.00	0.00
Interest Income	101,567.91	50,000.00	(51,567.91)	203.14
Investment Interest	106,790.39	50,000.00	(56,790.39)	213.58
Capacity Fees	54,203.00	50,000.00	(4,203.00)	108.41
Gain of Sale of Assets	6,164.97	0.00	(6,164.97)	0.00
<b>Total Other Revenues</b>	<b>567,776.80</b>	<b>362,000.00</b>	<b>(205,776.80)</b>	<b>156.84</b>
<b>Total Revenues</b>	<b>\$ 4,686,863.11</b>	<b>\$ 6,975,000.00</b>	<b>2,288,136.89</b>	<b>67.20</b>
<b>Expenses</b>				
Office Expenses	\$ 12,609.58	\$ 12,925.00	315.42	97.56
Treatment Supplies & Chemicals	105,647.80	156,700.00	51,052.20	67.42
Treatment Sludge Disposal	183,487.44	330,000.00	146,512.56	55.60
Flow Monitoring Data & Fees	111,538.19	161,000.00	49,461.81	69.28
Equipment	160,409.70	504,000.00	343,590.30	31.83
Maintenance & Repair	91,976.49	191,000.00	99,023.51	48.16
Vehicle Expense	10,226.24	19,500.00	9,273.76	52.44
Utilities	316,358.11	457,750.00	141,391.89	69.11
Wages & Taxes	636,906.56	848,960.00	212,053.44	75.02
Employee Benefits	270,074.29	445,200.00	175,125.71	60.66
Conference & Memberships	12,708.66	24,200.00	11,491.34	52.52
Professional Services	157,487.31	264,500.00	107,012.69	59.54
Insurance	275,573.31	82,312.00	(193,261.31)	334.79
<b>Total Operating Expenses</b>	<b>2,345,003.68</b>	<b>3,498,047.00</b>	<b>1,153,043.32</b>	<b>67.04</b>
<b>Total Debt Payments</b>				
Series B Bond Interest Expense	916,887.50	1,890,500.00	973,612.50	48.50
Debt Service Coverage - 10%	0.00	307,000.00	307,000.00	0.00
<b>Total Debt Payments</b>	<b>916,887.50</b>	<b>2,197,500.00</b>	<b>1,280,612.50</b>	<b>41.72</b>
<b>Total Expenses</b>	<b>3,261,891.18</b>	<b>5,695,547.00</b>	<b>2,433,655.82</b>	<b>57.27</b>
<b>Over/Under Budget</b>	<b>\$ 1,424,971.93</b>	<b>\$ 1,279,453.00</b>	<b>(145,518.93)</b>	<b>111.37</b>

For Management Purposes Only

CMA  
Year to Date Income Statement  
Collection Budget to Actual  
For the Eight Months Ending August 31, 2024  
Percent of Year 58.33% (7 months /12 months)

	Current Year Actual	Current Year Budget	Remaining Amount	Percent Expended
Revenues				
Residential Flat Rate	\$ 836,680.81	\$ 1,404,000.00	567,319.19	59.59
Commerical Flat Rate	119,757.24	200,000.00	80,242.76	59.88
Alleg Housing Flat Rate	95,232.00	142,848.00	47,616.00	66.67
School Flat Rate	18,144.00	6,672.00	(11,472.00)	271.94
USS Flat Rate	710,768.00	1,066,152.00	355,384.00	66.67
Total Debt Service Revenues	1,780,582.05	2,819,672.00	1,039,089.95	63.15
Total Consumption Revenues	1,214,616.69	1,700,000.00	485,383.31	71.45
Total Consumption Revenues	\$ 1,214,616.69	\$ 1,700,000.00	485,383.31	71.45
CTH Consumption Revenues	\$ 0.00	\$ 0.00	0.00	0.00
CTH Debt Service Revenues	106,400.00	0.00	(106,400.00)	0.00
CTH Penalty and Interest	0.00	0.00	0.00	0.00
Total Century Townhomes	106,400.00	0.00	(106,400.00)	0.00
Other Revenue				
Penalty	208,722.34	170,000.00	(38,722.34)	122.78
Dye Test Fees - Plumber	(2,200.00)	0.00	2,200.00	0.00
Dye Test - Application Fees	2,875.00	6,500.00	3,625.00	44.23
Lien Letter Fees	3,605.00	4,700.00	1,095.00	76.70
NSF Fees	1,891.00	300.00	(1,591.00)	630.33
Posting Fees -Terminations \$20	46,520.00	62,500.00	15,980.00	74.43
Notice Fee - \$15	(35.00)	0.00	35.00	0.00
Vactor Rental	1,575.28	0.00	(1,575.28)	0.00
Grant	199,701.00	0.00	(199,701.00)	0.00
Miscellaneous Income	250.00	0.00	(250.00)	0.00
Interest Income	158.63	0.00	(158.63)	0.00
Investment Interest	0.17	0.00	(0.17)	0.00
Total Other Revenues	463,063.42	244,000.00	(219,063.42)	189.78
Total Revenues	\$ 3,564,662.16	\$ 4,763,672.00	1,199,009.84	74.83
Expenses				
Office Expenses	\$ 1,679.84	\$ 7,200.00	5,520.16	23.33
Billing Expense	38,268.09	80,500.00	42,231.91	47.54
Collection System Supplies	8,447.47	47,250.00	38,802.53	17.88
Equipment	3,410.58	51,200.00	47,789.42	6.66
Maintenance & Repair	6,105.06	45,950.00	39,844.94	13.29
Vehicle Expense	9,724.17	28,000.00	18,275.83	34.73
Utilities	20,077.51	49,800.00	29,722.49	40.32
Wages & Taxes	272,605.49	407,500.00	134,894.51	66.90
Employee Benefits	94,800.06	231,200.00	136,399.94	41.00
Conference & Memberships	5,413.61	11,700.00	6,286.39	46.27
Professional Services	71,870.31	158,000.00	86,129.69	45.49
Insurance	26,347.69	61,200.00	34,852.31	43.05
WWTP Treatment Charges	552,366.00	1,100,000.00	547,634.00	50.22
Total Operating Expenses	1,111,115.88	2,279,500.00	1,168,384.12	48.74

For Management Purposes Only



CMA  
Year to Date Income Statement  
Collection Budget to Actual  
For the Eight Months Ending August 31, 2024  
Percent of Year 58.33% (7 months /12 months)

	Current Year Actual	Current Year Budget	Remaining Amount	Percent Expended
Total Debt Payments				
Debt Pmt City of Clairton	181,024.15	454,107.12	273,082.97	39.86
Debt Pmt (full bond)	358,726.88	0.00	(358,726.88)	0.00
Debt Service Coverage - 10%	0.00	55,000.00	55,000.00	0.00
Debt Pmt WWTP Transfers	770,372.54	1,492,000.00	721,627.46	51.63
Interest Expense	124,512.56	0.00	(124,512.56)	0.00
Total Debt Payments	<u>1,434,636.13</u>	<u>2,001,107.12</u>	<u>566,470.99</u>	71.69
Total Expenses	<u>2,545,752.01</u>	<u>4,280,607.12</u>	<u>1,734,855.11</u>	59.47
Over/Under Budget	\$ <u>1,018,910.15</u>	\$ <u>483,064.88</u>	<u>(535,845.27)</u>	210.93

CMA  
Cash Account Monthly Summary  
As of: August 31, 2024

	<u>Beginning Balance</u>		<u>Deposits</u>		<u>Disbursemen ts</u>		<u>Ending Balance</u>
<b>Operating Accounts</b>							
10320-T FN-WWTP Depository	2,341,810.13	\$	177,484.99	\$	(524,481.82)	\$	1,994,813.30
10330-C FN-Collection Depository	2,667,480.40		430,465.43		(303,632.11)		2,794,313.72
10311-G FN-Payroll	22,839.21		100,279.54		(97,407.63)		25,711.12
10310-G FN-Disbursements	140,719.63		1,670,068.44		(1,647,330.38)		163,457.69
<b>Reserved Accounts</b>							
10331-C FN-Collection City Pmts	534,484.31		41,820.00		0.00		576,304.31
10322-T FN-OPEB	530,017.03		1,711.42		0.00		531,728.45
10321-T FN-WWTP Capacity & Capital Im	3,306,005.95		12,661.43		(1,368,871.13)		1,949,796.25
10333-C Collection Capital Improvement	1,216,357.24		0.00		0.00		1,216,357.24
10332-T WWTP Debt Coverage	288,980.82		933.12		0.00		289,913.94
Total FNB Accounts	11,048,694.72	\$	2,435,424.37	\$	(3,941,723.07)	\$	9,542,396.02
<b>Trustee Accounts</b>							
10200-C WF Series A - Construction	0.00	\$	0.01	\$	(0.01)	\$	0.00
10200-T WF - Series B - Construction	0.00		0.10		(0.10)		0.00
10220-T WF - Debt Service	0.00		1,276.28		(1,276.28)		0.00
10221-T WF - Debt Service Reserve	0.00		5,276.68		(5,276.68)		0.00
10400-T Refunding bond A&B Cost	1,019.63		4.22		0.00		1,023.85
10402-T 2024 Refi. Bond A&B Debt Resrv	3,613,993.39		7,255.69		(947.00)		3,620,302.08
10403-C 2024 Bond A Debt Service	241,754.73		48,350.95		0.00		290,105.68
10404-T 2024 Bond B Debt Service	1,377,607.35		225,016.55		0.00		1,602,623.90
Total Trustee Accounts	5,234,375.10	\$	287,180.48	\$	(7,500.07)	\$	5,514,055.51
Grand Total	16,283,069.82	\$	2,722,604.85	\$	(3,949,223.14)	\$	15,056,451.53

## Sewer

Sewer Receivables		Charges	Adjustments	Penalties	Interest	Discounts	Refunds	Adjusted Receipts	Receipts
Service	Description								
ALLF1	Allegheny Housing Flat (Wylie)	\$ 9,982.00	\$ -	\$ 499.10	\$ -	\$ -	\$ -	\$ -	\$ -
ALLF2	Allegheny Housing Flat (Reed)	\$ 1,922.00	\$ -	\$ 96.10	\$ -	\$ -	\$ -	\$ -	\$ -
CNTRY	Century Town Homes Flat Rate	\$ 13,300.00	\$ -	\$ 665.00	\$ 6,345.12	\$ -	\$ -	\$ -	\$ (11,229.38)
COILE	Metered Sewer Collection	\$ 201,873.02	\$ (1,467.63)	\$ 5,755.77	\$ 6,737.02	\$ -	\$ -	\$ 3,244.99	\$ (116,202.93)
COMF	Commercial Sewer Flat Rate	\$ 15,022.17	\$ -	\$ 232.63	\$ 239.72	\$ -	\$ -	\$ 10.00	\$ (13,738.37)
RESF	Residential Sewer Flat Rate	\$ 104,619.22	\$ (102.78)	\$ 2,244.10	\$ 7,979.02	\$ -	\$ -	\$ 1,959.97	\$ (94,306.32)
SSRF	School Sewer Flat Rate	\$ 2,268.00	\$ -	\$ 77.45	\$ -	\$ -	\$ -	\$ -	\$ (2,265.16)
USSF	USS Sewer Flat Rate	\$ 88,846.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (88,846.00)
Billed Collection Flat usage Charge		\$ 16.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (32.00)
Sewer Receivables Totals		\$ 437,848.41	\$ (1,570.41)	\$ 9,570.15	\$ 21,300.88	\$ -	\$ -	\$ 5,214.96	\$ (326,620.16)

Sewer Direct		Charges	Adjustments	Penalties	Interest	Discounts	Refunds	Adjusted Receipts	Receipts
Service	Description								
NSF Fee	NSF Fee	\$ -	\$ 300.00	\$ -	\$ -	\$ -	\$ -	\$ 75.74	\$ (425.74)
POST	Posting Fee - Shut Offs	\$ -	\$ 4,715.00	\$ -	\$ -	\$ -	\$ -	\$ 218.77	\$ (4,034.14)
TurnOff	Water Turn Off Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (667.62)
TurnOn	Turn On Fee	\$ -	\$ 600.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (393.84)
NOTICE	10-Day Delinquent Notice	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (15.00)
Sewer Direct Totals		\$ -	\$ 5,615.00	\$ -	\$ -	\$ -	\$ -	\$ 294.51	\$ (5,536.34)

Sewer Summary		
Previous Ending Balance	\$	3,195,239.59
Charges	\$	437,848.41
Adjustments	\$	4,044.59
Penalties	\$	9,570.15
Interest	\$	21,300.88
Discounts	\$	-
Refunds	\$	-
Adjusted Receipts	\$	5,509.47
Receipts	\$	(332,156.50)
Current Balance	\$	3,341,356.59

Total Receipts	\$ (326,647.03)
----------------	-----------------

**Century Townhomes** – A mediation session was held in our offices on July 9, 2021. A video conference was held with the solicitor in July, he will report on that. A mediation session is scheduled for September 12, 2022. There was a meeting on site concerning the water line separation project. **The solicitor will report on this.**

**Delinquent Accounts shutoffs** – In August we sent out 225 10- day delinquent notices, 67 properties were posted for shutoff, and 26 accounts were sent over to the water company for shut off and 14 were shut off.

**Collections Crew Management and Reporting** – The August 2024 report has been sent to you.

**\$Energy Fund** – In May, the fund processed 9 applications, approved 9. We received a total of \$1,083 from Dollar Energy. The funds are now exhausted, there will be no more funds for the year.

**Sludge Hauling:** We had discussed this last August when it came time to renew our contract for the year. It was stated that we wanted to bid this contract again to see if there are any savings. So we decided to revisit the topic in May of 2024. This will be discussed in the Engineers Report.

We have been getting requests to transfer taps between properties. We don't think there is ill intent in moving these taps but the process does involve some work on our end. Ryan and I believe that the ones we have recently received are not really a issue, but our thought is that some fee should be assessed to compensate for the time spent processing the requests.

The Agreed Upon Procedures Audit has been completed. We will not owe the communities any money for the year. Once the audit is approved by the board we will distribute the files to the Communities.

On September 4<sup>th</sup> 2024 we are having another tour for the members of the upstream communities. Invitations have been sent. **Ryan will be talking about this in his report.**

**I am proposing to revise our payment plan policy to take advantage of some opportunities our billing software provides. In doing this we will have remove that language for our policy that all penalties and interest are paid each month while on a payment plan.**

**Our Cyber insurance policy is coming up for renewal. We got a quote from our provider. Travelers Insurance, \$4,275 for renewal. That equates to almost 22% decrease over last year. I believe that is a fair policy.**

**With almost a year of flow data from Wall Plan's sewage flow we are looking at roughly 6.80 million gallons per year as a average. That equates to \$13,590 per year. I believe we were looking for 7 years of payments, that is \$95,130.00.**

Document Number: 2024-01  
Document Name: ACH Reject Policy  
Effective Date: 9/19/2024  
Document Status:

## 1.0 Purpose

To define a process to administer payment plans for the rate payers of Clairton

## 2.0 Policy Details

Rate Payers of the City of Clairton are expected to make on time payments each month. The Authority recognizes that customers may fall behind on there payments and, to not place undue hardship on customers, wants to create an payment plan option for customers to become current on their balances.

The Payment Plan policy is as follows:

1. The customer must not have had a failed payment plan in the past.
2. The customer must be between 1 and 90 days past due on their account.
3. The customer must may a minimum payment of 25% of their total past due balance at the time the payment plan is created.
4. The customer's past due balance must be paid off in 12 months
5. The customer's payment plan will start that the next billing date after the plan is agreed to.
6. The customer is responsible for the monthly payment agreed upon to cover the past due balance AND current month's charges.
7. Failure to make on time payments in full will result in the payment plan being canceled, at which point the customer will no longer be eligible for future payment plans.

Once the payment plans is completed the customer is expected to remain current on their account.

## 3.0 Policy Scope

This policy would apply to any resident or owners of property that are billed for Sewage Service by the Clairton Municipal Authority.

## 4.0 Policy Owner

Last Modified By: Enter Text  
Document Owner: Enter Text

Last Modified On: Select Date  
Original Date: Select Date

Page: 1

Brian Melnichak

## 5.0 Document History

	Date	Document #	
5.1	September 12	0	Created Policy

Last Modified By: Enter Text  
Document Owner: Enter Text

Last Modified On: Select Date  
Original Date: Select Date

Page: 2

**Clairton Municipal Authority**  
 1 North State Street  
 Clairton, PA 15025  
 (412)233-3180  
**Delinquent Sewage Payment Arrangement**

Customer Name	John Doe
Address	12 state street
Phone Number	412-555-7982
Account Number	902411504-6
Delinquent Amount Due	\$ 3,000.00
Minium Down Payment	\$ 750.00

Pay Plan Start Date	8/3/2024
Balance Due	\$ 3,000.00
Down Payment	\$ 750.00
Past Due Balance	\$ 2,250.00
Number of months	12
Monthly Plan Payment	\$ 187.50

**You MUST make your monthly payments by the DUE DATE reflected on your bill. Failure to do so will result in your Payment Plan being canceled and your entire remaining balance will be due IMMEDIATELY. Failure to make any of the required payments in the full amount and by the required date will also forfeit your eligibility for future payment plans indefinitely.**

Aug-24	\$ 187.50	Plus: Current Month's Charges and Adjustments
Sep-24	\$ 187.50	Plus: Current Month's Charges and Adjustments
Oct-24	\$ 187.50	Plus: Current Month's Charges and Adjustments
Nov-24	\$ 187.50	Plus: Current Month's Charges and Adjustments
Dec-24	\$ 187.50	Plus: Current Month's Charges and Adjustments
Jan-25	\$ 187.50	Plus: Current Month's Charges and Adjustments
Feb-25	\$ 187.50	Plus: Current Month's Charges and Adjustments
Mar-25	\$ 187.50	Plus: Current Month's Charges and Adjustments
Apr-25	\$ 187.50	Plus: Current Month's Charges and Adjustments
May-25	\$ 187.50	Plus: Current Month's Charges and Adjustments
Jun-25	\$ 187.50	Plus: Current Month's Charges and Adjustments
Jul-25	\$ 187.50	Plus: Current Month's Charges and Adjustments

Customer Signature \_\_\_\_\_ Date: \_\_\_\_\_

Employee Signature \_\_\_\_\_ Date: \_\_\_\_\_



**Wrap+<sup>®</sup>**

**Carolyn A Miller**  
PO Box 2950  
Hartford, CT 06104-2950  
Phone: (412) 338-3011  
Fax: (800) 264-0087  
Email: CAMILLE4@travelers.com

August 20, 2024

JOYCE SIWIK  
PAUL A FISHER INS SERV  
201 PENN CENTER BLVD STE 400  
PITTSBURGH, PA 15235

**RE: Insured Name:** CLAIRTON MUNICIPAL AUTHORITY  
1 NORTH STATE STREET  
CLAIRTON, PA 15025

**Expiring Policy Number:** 107348888

**Policy Period:** November 18, 2024 to November 18, 2025

Dear JOYCE SIWIK:

On behalf of **Travelers Casualty and Surety Company of America** we are pleased to provide the attached proposal of insurance for your review.

The quotes contained in this document are valid for 30 days, and are subject to the provision of, and Travelers' review and acceptance of, the required underwriting information noted in the Contingencies section. Travelers reserves the right to change the quotes in this document, or to refuse to bind coverage entirely, based on review of the required underwriting information or based on adverse change in the risk(s) to be insured prior to the quote expiration date noted in this document.

Please note that we require a response to this document within 30 days in order to facilitate policy renewal. The insured's current policy will expire and not be renewed in the absence of a request, and Travelers' agreement, to bind coverage.

Travelers is pleased to offer Risk Management PLUS+ Online<sup>®</sup>, the industry's most comprehensive program for mitigating your management liability exposures, which is available to you at no additional cost. Please visit [www.rmplusonline.com](http://www.rmplusonline.com) to view the services that are available. If you have additional questions about the site please contact your Underwriter.

Travelers Casualty and Surety Company of America, a subsidiary of The Travelers Companies, Inc., has consistently earned high ratings for financial strength and claims-paying ability from independent rating services, including a current A.M. Best rating of A++\*. Founded in 1853, The Travelers Companies, Inc. is a Fortune 500 company, a component of the Dow Jones Industrial Average, and a leading provider of property casualty insurance for businesses.

Thank you for considering Travelers for your client's insurance coverages. We look forward to discussing this opportunity with you.

Sincerely,

**Carolyn A Miller**  
Travelers Bond & Specialty Insurance

\*A.M. Best's rating of A++ applies to Travelers Casualty and Surety Company of America as well as to certain insurance subsidiaries of Travelers that are members of the Travelers Insurance Companies pool; other subsidiaries are included in another rating pool or are separately rated. For a listing of companies rated by A.M. Best and other rating services visit [www.travelers.com](http://www.travelers.com). Ratings listed herein are as of July 2023, are used with permission, and are subject to changes by the rating services. For the latest rating, access [www.ambest.com](http://www.ambest.com).



**Travelers Casualty and Surety Company of America**  
**QUOTE OPTION #1**

**CYBER COVERAGE:**

Liability	Limit	Retention
Privacy and Security	\$1,000,000	\$10,000
Payment Card Costs	\$1,000,000	Subject to Privacy and Security Retention
Media	\$1,000,000	\$10,000
Regulatory Proceedings	\$1,000,000	\$10,000
Breach Response	Limit	Retention
Privacy Breach Notification	\$1,000,000	\$10,000
Computer and Legal Experts	\$1,000,000	\$10,000
Betterment	\$100,000	
Cyber Extortion	\$1,000,000	\$10,000
Data Restoration	\$1,000,000	\$10,000
Public Relations	\$1,000,000	\$10,000
Cyber Crime	Limit	Retention
Computer Fraud	\$500,000	\$10,000
Funds Transfer Fraud	\$500,000	\$10,000
Social Engineering Fraud	\$100,000	\$5,000
Telecom Fraud	\$100,000	\$5,000
Business Loss	Limit	Retention
Business Interruption	\$1,000,000	
Dependent Business Interruption	Not Covered	
Reputation Harm	\$250,000	\$5,000
System Failure	Not Covered	

**Additional First Party Provisions**

Accounting Costs Limit: \$25,000

Betterment Coparticipation: 50%

Period Of Restoration: 180 days

Period Of Indemnity: 30 days

Wait Period: 12 hours

**Knowledge Date:** November 18, 2020

**P&P Date:** November 18, 2020

**Retro Date:** N/A

**TOTAL ANNUAL PREMIUM - \$4,275.00**

(Other term options listed below, if available)

**LIMIT DETAIL:**

Shared Additional Defense Limit of Liability: N/A  
CyberRisk Policy Aggregate Limit: \$1,000,000

**EXTENDED REPORTING PERIOD AND RUN-OFF:**

Extended Reporting Period for Cyber Coverage:

Additional Premium Percentage: 75%  
Additional Months: 12

Run-Off Extended Reporting Period for Cyber Coverage:

Additional Premium Percentage: N/A  
Additional Months: N/A

**CLAIM DEFENSE FOR ASSOCIATION MANAGEMENT LIABILITY COVERAGE, LIABILITY COVERAGES AND/OR CYBER COVERAGE:**

Duty to Defend

**PREMIUM DETAIL:**

Term	Payment Type	Premium	Taxes	Surcharges	Total Premium	Total Term Premium
1 Year	Prepaid	\$4,275.00	\$0.00	\$0.00	\$4,275.00	\$4,275.00

**POLICY FORMS APPLICABLE TO QUOTE OPTION # 1:**

AFE-15001-0620 Declarations  
AFE-16001-0119 General Conditions  
CYB-15001-0620 CyberRisk Declarations  
CYB-16001-0620 CyberRisk Coverage  
CYB-16001-TOC-0620 CyberRisk Table of Contents

**ENDORSEMENTS APPLICABLE TO QUOTE OPTION # 1:**

AFE-17033-0620 Pennsylvania Changes Endorsement  
AFE-19029-0719 Cap On Losses From Certified Acts Of Terrorism Endorsement  
AFE-19030-0920 Federal Terrorism Risk Insurance Act Disclosure Endorsement  
CYB-19105-0119 Conviction Reward Endorsement  
CYB-19122-0519 Vendor Or Client Payment Fraud Endorsement  
CYB-19123-0519 Bricked Equipment Endorsement

**CONTINGENCIES APPLICABLE TO QUOTE OPTION # 1:**

*This quote is contingent on the acceptable underwriting review of the following information prior to the quote expiration date.*

None

**COMMISSION:** 15.00%

**QUOTE NOTES:**

**NOTICES:**

It is the agent's or broker's responsibility to comply with any applicable laws regarding disclosure to the policyholder of commission or other compensation we pay, if any, in connection with this policy or program.

**Important Notice Regarding Compensation Disclosure**

For information about how Travelers compensates independent agents, brokers, or other insurance producers, please visit this website: [http://www.travelers.com/w3c/legal/Producer\\_Compensation\\_Disclosure.html](http://www.travelers.com/w3c/legal/Producer_Compensation_Disclosure.html)

If you prefer, you can call the following toll-free number: 1-866-904-8348. Or you can write to us at Travelers, Agency Compensation, P.O. Box 2950, Hartford, CT 06104-2950.

**FEDERAL TERRORISM RISK INSURANCE ACT DISCLOSURE**

The federal Terrorism Risk Insurance Act of 2002 as amended ("TRIA"), establishes a program under which the Federal Government may partially reimburse "Insured Losses" (as defined in TRIA) caused by "Acts Of Terrorism" (as defined in TRIA). Act Of Terrorism is defined in Section 102(1) of TRIA to mean any act that is certified by the Secretary of the Treasury - in consultation with the Secretary of Homeland Security and the Attorney General of the United States - to be an act of terrorism; to be a violent act or an act that is dangerous to human life, property, or infrastructure; to have resulted in damage within the United States, or outside the United States in the case of certain air carriers or vessels or the premises of a United States Mission; and to have been committed by an individual or individuals as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion.

The Federal Government's share of compensation for such Insured Losses is 80% of the amount of such Insured Losses in excess of each Insurer's "Insurer Deductible" (as defined in TRIA), subject to the "Program Trigger" (as defined in TRIA).

In no event, however, will the Federal Government be required to pay any portion of the amount of such Insured Losses occurring in a calendar year that in the aggregate exceeds \$100 billion, nor will any Insurer be required to pay any portion of such amount provided that such Insurer has met its Insurer Deductible. Therefore, if such Insured Losses occurring in a calendar year exceed \$100 billion in the aggregate, the amount of any payments by the Federal Government and any coverage provided by this policy for losses caused by Acts Of Terrorism may be reduced.

For each coverage provided by this policy that applies to such Insured Losses, the charge for such Insured Losses is no more than one percent of your premium, and does not include any charge for the portion of such Insured Losses covered by the Federal Government under TRIA. Please note that no separate additional premium charge has been made for coverage for Insured Losses covered by TRIA. The premium charge that is allocable to such coverage is inseparable from and imbedded in your overall premium.

**Coverage Disclaimer:**

**THIS QUOTE DOES NOT AMEND, OR OTHERWISE AFFECT, THE PROVISIONS OR COVERAGE OF ANY RESULTING INSURANCE POLICY ISSUED BY TRAVELERS. IT IS NOT A REPRESENTATION THAT COVERAGE DOES OR DOES NOT EXIST FOR ANY PARTICULAR CLAIM OR LOSS UNDER ANY SUCH POLICY. COVERAGE DEPENDS ON THE APPLICABLE PROVISIONS OF THE ACTUAL POLICY ISSUED, THE FACTS AND CIRCUMSTANCES INVOLVED IN THE CLAIM OR LOSS AND ANY APPLICABLE LAW.**

**THE PRECEDING OUTLINES THE COVERAGE FORMS, LIMITS OF INSURANCE, POLICY ENDORSEMENTS AND OTHER TERMS AND CONDITIONS PROVIDED IN THIS QUOTE. ANY POLICY COVERAGES, LIMITS OF INSURANCE, POLICY ENDORSEMENTS, COVERAGE SPECIFICATIONS, OR OTHER TERMS AND CONDITIONS THAT YOU HAVE REQUESTED THAT ARE NOT INCLUDED IN THIS QUOTE HAVE NOT BEEN AGREED TO BY TRAVELERS. PLEASE REVIEW THIS QUOTE CAREFULLY AND IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT YOUR TRAVELERS REPRESENTATIVE.**

**Affiliate (non-Subsidiary) Coverage Disclaimer:**

Regardless of the submission of information or typical availability of coverage for any entity that is not a Subsidiary of the Named Insured, **such entity is not covered by the Policy unless an endorsement is provided that specifically schedules it.** Under the Wrap+® policy, coverage is generally afforded to the following entities (unless otherwise excluded): (1) the Named Insured and (2) its majority-owned Subsidiaries. A Subsidiary is defined in each coverage part of the Wrap+® policy and the definition can vary between coverage parts. An affiliate is not defined but generally has some ownership and/or management in common with the Named Insured or its Subsidiaries (but itself is not a Subsidiary of either one). Affiliate coverage will not be considered on a blanket basis nor will an individual entity be scheduled without proper underwriting information (please contact your underwriter to discuss specific requirements). For an actual description of coverages, terms and conditions, refer to the Policy. Sample policies can be found on the [travelers.com](http://travelers.com) website or contact your underwriter.

- Hosted 2 upstream community plant tours. Upstream communities were impressed with the plant. DEP and ACHD also were on site for a tour and inspection.
- The plant is running well with the exception of the CIP (clean in place) pump. The CIP pump is not starting and the minimum speed without giving us faults. MMBR is aware of the issue and is working on a solution.
- JWC screen #2, JWC was in on 9-16-2024 to replace the boost pump for #2 screen. After replacing the boost pump, we still boost pump overload alarms. JWC was made aware of the issue and they already ordered a replacement relay. It should arrive 9-17-2024. They will be here to replace the relay. Wayne Crouse is going to install the new discharge piping for #2 screen, it is on site, once we resolve the boost pump issue. Attached you will see the quote that I received from multi metal to replace grating at the perf screens. I spoke with David Herald from Duperon about the replacement. Duperon is in agreement with option #1 on the quote. Option #2 would be on CMA. I will discuss with the board about option #2.
- Received a quote to replace our UPS (universal Power Supply) in the pump station. This UPS has been in place since phase 1 upgrade. There has never been a PM or check on the system from CMA or an outside source. The HMI screen is locked out and I am not sure of the life expectancy of the UPS. The UPS supplies emergency power to shut the main influent gates during a power outage. I will attach the quote with this email and discuss at the meeting.
- I am also working with KLH for an alternate power supply at the plant. Due to the fact our power has not been reliable at the plant lately. This is a very costly upgrade to our power supply. Looking at generators and power transfer switches at each building. Myself and Joe G. Will discuss at the meeting. I will attach this estimate as well
- We had Cintas come to the plant and do safety training with the staff. Forklift, slips, trips and falls. Also lock out tag out. We also sent 3 of our maintenance staff to an ARC flash electrical training held by Cintas in Bridgeville
- We continue to work with Wayne Crouse to get our level sensors to work in our chemical storage tanks.
- Have been working with Mark Gergley on grants. He says we are on the list for LSA grant money. He continues to work on available money for CMA.
- CBDG 50 grant for line maintain was not granted to CMA. They state there were missing items from the application. We had a meeting with Jen Kwiatek from SRCOG about this. We will put the projects from CBDG 50 onto CBDG 51. Will discuss in meeting.
- Construction and Demo continues to move forward on Phase 2. It seems as though they have a good jump on this part of the project.
- Collectively with Brian, Joe, Bob and myself we have been working with Republic for our waste hauling contract that is set to begin October 1, 2024. Will discuss in meeting.



## CLAIRTON MUNICIPAL AUTHORITY

### Consulting Engineer's Report

September 19, 2024

#### ACTIVE ITEMS

##### Phase II Upgrade Project

The construction progress meeting was held on September 10, 2024. The Upstream Committee meeting was canceled.

Wayne Crouse submitted their Pay Application No. 27, in the amount of \$225,088.25 for payment. This pay application includes Tanks 1 and 2 and clarifier demolition as well as membrane equipment procurement. KLH has reviewed, and we recommend Board approval of \$178,917.12 from CMA project funds, which will now be fully utilized except for remaining contingency, and \$46,171.13 from PENNVEST funds.

Bronder submitted their Pay Application No. 24, in the amount of \$39,900. This pay application includes demolition and installation of conduit/wire and lighting. KLH has reviewed, and we recommend Board approval for payment from CMA project funds.

##### Duperon Perforated Plate Screen Replacement

Both screens are running without issue. The washer/compactor for Screen No. 1 experienced throughput issues which JWC addressed through control changes. The washer/compactor for Screen No. 2 also experienced throughput issues. JWC cut the top off this discharge chute as a short-term fix while they fabricate a larger diameter chute.

##### CDBG Year 49

CMA was awarded \$170,571 for sewer rehabilitation work. The total project cost estimate was \$291,659. KLH prepared plans and specifications for sewer replacement and lining work on Shaw Ave, Holly Way, Worthington, and 6<sup>th</sup>. The drawings and specifications were provided to the COG for bid advertisement. The lower bidder was Jet Jack with a bid price of \$229,445. KLH recommends award to Jet Jack. **CMA issued a letter of acceptance to move forward with this project. We are waiting for the COG to award the project.**

##### CDBG Year 50

Application was submitted for a sewer rehabilitation project on September 7, 2023. Project cost estimate is \$396,327 (CDBG share = \$232,420, CMA share = \$163,907). The Concurring Resolution, adopted by the Board at the November Board meeting, was provided to the COG. **This project was not awarded, and the COG is appealing.**

### **CDBG Year 51**

**KLH is working with CMA and the COG to prepare a cost estimate and application.**

### **2022 PA Small Water and Sewer Grant Application**

KLH is proceeding with 2022 PA Small Water and Sewer Grant Application for Golden Gate Phase 2 Sanitary Sewer Overflow Project. This is a PA DEP Long Term Control Plan required project. Application is due December 21, 2022. Project cost is estimated at approximately \$500,000. A 15% Authority match is required. KLH submitted this grant application on December 5, 2022.

The Authority was awarded a grant in the amount of \$180,439. The total amount requested was \$425,000. The Authority will need to decide whether or not to accept this grant and move forward with the project.

KLH is proceeding with preparation of plans and specifications. We recommend advertising this project in early January 2025 so that work can begin after the school is out of session next year.

This project needs to be constructed before the end of September 2026.

### **Septage Receiving Station Construction Cost Estimate**

KLH prepared a construction cost estimate for a septage receiving station in the amount of \$900,000. This receiving station will allow receipt of hauled in septage (excluding grease, sludge, and industrial waste) by providing efficient solids screening and discharge rate control. The intent is to complete design and permitting so that the project can be bid ready. A bid ready project will be more likely to receive grant funding. Design has been completed and the Part II Permit was issued by DEP. This project is ready for bid as soon as funding has been secured.

### **2023 State-Wide LSA Grant Application**

Applications for the 2023 State-Wide LSA Grant Program are being accepted from September 1 through November 30, 2023. Grants will be awarded up to \$1M and no match is required. KLH prepared a grant application for the septage receiving station. The estimated cost for this project is \$868,000. KLH submitted the grant application on October 30, 2023.

### **Sludge Hauling Bid**

KLH prepared the Authority's Sludge Removal, Hauling, and Disposal Bid Documents and advertised the project. Bids were publicly opened and read aloud on August 1 at 10 AM. The low bidder was Republic Services. Bid report was provided at last month's meeting. Republic included an "Exhibit A – Legal Considerations" with their bid. KLH has no objections from a technical standpoint, however we recommend that Solicitor McTiernan review from a legal perspective before awarding to Republic.

### Glick Run Sewer Study

KLH worked with the COG to submit the GEDTF grant application, in the amount of \$1,400,000 for this project. KLH completed site survey, and we are currently evaluating alternatives to determine the most cost-effective solution.

### WWTP Backup Power

The WWTP was designed to have dual feed electrical power service, which typically provides the most reliable backup power possible. CMA has two independent (separate substation circuits) feeds. If one goes down, there is an automatic switchover to the other. Unfortunately, over the past few years there have been multiple simultaneous outages of both feeds. This has brought into question the reliability of the power company's distribution system. Given these reliability concerns, CMA does not meet DEP's requirements for backup power, and therefore stand-by generators should be considered. The initial option of sizing medium voltage generator(s) for the full plant load is not feasible due to the duration of plant outage that would be required. Additionally, this option would be higher cost than multiple area specific low voltage generators. KLH evaluated three options:

1. Full load sized permanent backup generators with automatic transfer switches at the Main Electrical Building (MBR), Raw Sewage Pump Station, and Headworks. The estimated cost for this alternative is \$3.3M.
2. DEP required load sized permanent backup generators with automatic transfer switches at the Main Electrical Building (MBR), Raw Sewage Pump Station, and Headworks. The estimated cost for this alternative is \$2.6M.
3. DEP required load sized manual transfer switches with hookups for temporary generators at the Main Electrical Building (MBR), Raw Sewage Pump Station, and Headworks. The estimated cost for this alternative is \$1.2M. This option is not feasible given that lead time for the temporary generators is estimated at 10 days, thus not meeting DEP requirements for backup power.

KLH recommends Option 2.

Respectfully Submitted,



---

Joseph M. Gianvito, P.E.



Cost Category	Project Funding	Paid Through August 2024	To Be Approved By Board	Total Earned Since Construction Start	Retainage	Retainage Total	Total Earned
<b>CMA FUNDING</b>							
Legal Fees	\$40,000.00	\$0.00	\$0.00	\$0.00			
Architecture/Engineering Fees							
Design (reimbursement)	\$1,435,000.00	\$1,435,000.00	\$0.00	\$1,435,000.00			
Construction Administration	\$270,000.00	\$231,084.60	\$6,634.58	\$237,719.18			
Resident Project Observation	\$460,000.00	\$359,917.69	\$16,890.17	\$376,807.86			
O&M Manual	\$70,000.00	\$0.00	\$0.00	\$0.00			
As-Built Drawings	\$70,000.00	\$0.00	\$0.00	\$0.00			
Contingency	\$1,285,000.00	\$408,358.71	\$0.00	\$408,358.71			
Construction							
Contract 2019-01 CMA Fund	\$2,290,000.00	\$2,111,082.88	\$178,917.12	\$2,290,000.00	\$9,416.69	\$76,591.23	\$2,366,591.23
Contract 2019-02 CMA Fund	\$1,290,000.00	\$781,123.63	\$39,900.00	\$821,023.63	\$2,100.00	\$11,250.00	\$832,273.63
SCADA	\$170,715.00	\$22,784.00	\$0.00	\$22,784.00			
Securing PennVest Funding		\$944.00	\$0.00	\$944.00			
Over-site Committee		\$27,129.88	\$0.00	\$27,129.88			
DCED Grant (\$200,000 Reimbursement)*		\$200,000.00	\$0.00	\$200,000.00			\$200,000.00
<b>Total CMA Funding</b>	<b>\$7,380,715.00</b>	<b>\$5,577,425.39</b>	<b>\$242,341.87</b>	<b>\$5,819,767.26</b>			
<b>PENNVEST FUNDING</b>							
Construction							
Contract 2019-01	\$26,204,000.00	\$19,915,473.17	\$46,171.13	\$19,961,644.30	\$2,430.06	\$1,094,547.95	\$21,056,192.25
Contract 2019-02	\$2,864,555.00	\$2,561,348.72	\$0.00	\$2,561,348.72	\$0.00	\$177,295.92	\$2,738,644.64
<b>Total PENNVEST Funding</b>	<b>\$29,068,555.00</b>	<b>\$22,476,821.89</b>	<b>\$46,171.13</b>	<b>\$22,522,993.02</b>			
<b>CMA Funding + PENNVEST Funding 2019-01</b>				<b>\$22,251,644.30</b>		<b>\$1,171,139.18</b>	<b>\$23,422,783.48</b>
<b>CMA Funding + PENNVEST Funding 2019-02</b>				<b>\$3,582,372.35</b>		<b>\$188,545.92</b>	<b>\$3,770,918.27</b>
Remaining Bond B Fund	\$0.00						
Remaining Cash Reserve Fund	\$5,750,024.75						
<b>Total Remaining CMA Funds</b>	<b>\$5,750,024.75</b>						

\*Note \$200,000 DCED Grant was used for Brondner Pay Application Nos. 10 and 11.

Note: The highlighted includes retainage reduction

# APPLICATION AND CERTIFICATE FOR PAYMENT

Invoice #: 479-27

To Owner: Clairton Municipal Authority  
1 North State Street  
Clairton, PA 15025

Project: 479-Clairton Wastewater Upgrades  
Phase 2

Application No.: 27

From Contractor: Wayne Crouse, Inc.  
3370 Stafford Street  
Pittsburgh, PA 15204

Via Architect: K.L.H. Engineers

Period To: 8/31/2024

Contract For: Clairton WWTP Upgrades Phase 2

Project Nos: 2019-01

Distribution to:  
☐ Owner  
☐ Architect  
☐ Contractor

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.  
Continuation Sheet is attached.

1. Original Contract Sum	\$28,494,000.00
2. Net Change By Change Order	\$182,870.00
3. Contract Sum To Date	\$28,676,870.00
4. Total Completed and Stored To Date	\$23,422,783.48
5. Retainage:	
a. 5.00% of Completed Work	\$1,171,139.18
b. 0.00% of Stored Material	\$0.00
Total Retainage	\$1,171,139.18
6. Total Earned Less Retainage	\$22,251,644.30
7. Less Previous Certificates For Payments	\$22,026,556.05
8. Current Payment Due	\$225,088.25
9. Balance To Finish, Plus Retainage	\$6,425,225.70

CHANGE ORDER SUMMARY	Additions	Deductions
Total changes approved in previous months by Owner	\$182,870.00	\$0.00
Total Approved this Month	\$0.00	\$0.00
TOTALS	\$182,870.00	\$0.00
Net Changes By Change Order	\$182,870.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief, the work covered by this Application for Payment has been completed in accordance with the Contract Documents. That all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Wayne Crouse, Inc.

By:  Date: 8/22/2024

Anthony Majiro, Treasurer

State of: Pennsylvania  
Subscribed and sworn to before me this 22nd  
Notary Public: Lynne K. Baran  
My Commission expires: June 20, 2025

County of: Allegheny  
day of August, 2024  
Commonwealth of Pennsylvania - Notary Seal  
Lynne K. Baran, Notary Public  
Allegheny County  
My commission expires June 20, 2025

ARCHITECT'S CERTIFICATE FOR PAYMENT  
I, the undersigned, Architect, in accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information, and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$225,088.25

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:  Date: 09-03-2024

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

# CONTINUATION SHEET

Page 2 of 6

Application and Certification for Payment, containing

Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

Invoice # : 479-27

Contract : 479- Clairton Wastewater Upgrades Phase 2

Application No. : 27

Application Date : 08/22/24

To: 08/31/24

Architect's Project No.: 2019-01

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		E This Period In Place	F Materials Presently Stored	G Total Completed and Stored To Date (D+E+F)	H % (G / C)	I Balance To Finish (C-G)	J Retainage
			From Previous Application (D+E)							
5	Mobilization - WCI	330,000.00	330,000.00		0.00	0.00	330,000.00	100.00%	0.00	18,635.48
10	Mobilization - Palotta	183,750.00	183,750.00		0.00	0.00	183,750.00	100.00%	0.00	5,199.21
15	Bond	183,175.00	183,175.00		0.00	0.00	183,175.00	100.00%	0.00	10,365.87
20	Insurance	39,270.00	39,270.00		0.00	0.00	39,270.00	100.00%	0.00	2,222.29
25	Field Offices	75,000.00	60,000.00		2,250.00	0.00	62,250.00	83.00%	12,750.00	3,401.79
30	Supervision	300,000.00	255,000.00		9,000.00	0.00	264,000.00	88.00%	36,000.00	14,456.02
35	Scheduling	20,000.00	15,000.00		1,000.00	0.00	16,000.00	80.00%	4,000.00	898.85
40	Photos	21,800.00	15,260.00		2,180.00	0.00	17,440.00	80.00%	4,360.00	972.56
45	Temporary Toilets	15,600.00	10,140.00		1,560.00	0.00	11,700.00	75.00%	3,900.00	629.75
50	Storage Building	35,840.00	35,840.00		0.00	0.00	35,840.00	100.00%	0.00	2,028.19
55	As-Builts/Q&M's	10,000.00	0.00		0.00	0.00	0.00	0.00%	10,000.00	0.00
60	Demobilization	15,000.00	0.00		0.00	0.00	0.00	0.00%	15,000.00	0.00
65	SHOP DRAWINGS	0.00	0.00		0.00	0.00	0.00	0.00%	0.00	0.00
70	Sludge Holding Tank Dewatering Pumps	10,000.00	10,000.00		0.00	0.00	10,000.00	100.00%	0.00	565.90
75	Chem Feed Pump Skids	7,500.00	7,500.00		0.00	0.00	7,500.00	100.00%	0.00	424.42
80	Clarifier Equipment	123,300.00	123,300.00		0.00	0.00	123,300.00	100.00%	0.00	6,977.55
85	Hyperbolic Mixers	74,000.00	74,000.00		0.00	0.00	74,000.00	100.00%	0.00	4,187.66
90	Chemical Storage Tanks	24,900.00	24,900.00		0.00	0.00	24,900.00	100.00%	0.00	1,409.09
95	Membrane Bioreactor Equipment (MMBR)	239,800.00	239,800.00		0.00	0.00	239,800.00	100.00%	0.00	13,570.28
100	Membrane Units	256,500.00	256,500.00		0.00	0.00	256,500.00	100.00%	0.00	14,515.33
105	Cranes and Hoists	96,500.00	96,500.00		0.00	0.00	96,500.00	100.00%	0.00	5,460.93
110	FRP Troughs, Weirs, & Baffles	63,600.00	63,600.00		0.00	0.00	63,600.00	100.00%	0.00	3,599.12
115	Miscellaneous Shop Drawings	30,000.00	30,000.00		0.00	0.00	30,000.00	100.00%	0.00	1,655.26
120	SITE WORK	0.00	0.00		0.00	0.00	0.00	0.00%	0.00	0.00
125	Surveying	99,750.00	97,755.00		0.00	0.00	97,755.00	98.00%	1,995.00	2,765.98
130	Clearing & Grubbing	12,600.00	12,600.00		0.00	0.00	12,600.00	100.00%	0.00	356.52
135	Topsoil & Site Grading	68,250.00	0.00		0.00	0.00	0.00	0.00%	68,250.00	0.00
140	Aggregate Walkways	36,750.00	0.00		0.00	0.00	0.00	0.00%	36,750.00	0.00
145	Concrete Sidewalks	47,250.00	0.00		0.00	0.00	0.00	0.00%	47,250.00	0.00
150	Pipe Excavation & Backfill	210,000.00	191,100.00		0.00	0.00	191,100.00	91.00%	18,900.00	5,407.17
155	Filter Socks and Inlet Bags	15,750.00	14,175.00		0.00	0.00	14,175.00	90.00%	1,575.00	401.08
160	Shoring	131,250.00	128,625.00		0.00	0.00	128,625.00	98.00%	2,625.00	3,639.44

# CONTINUATION SHEET

Page 3 of 6

Application and Certification for Payment, containing Contractor's signed certification is attached.

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Use Column I on Contracts where variable retainage for line items may apply.

Invoice # : 479-27

Contract : 479- Clairton Wastewater Upgrades Phase 2

Application No. : 27

Application Date : 08/22/24

To: 08/31/24

Architect's Project No.: 2019-01

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		E This Period In Place	F Materials Presently Stored	G Total Completed and Stored To Date	(G/C) %	H Balance To Finish (C-G)	I Retainage
			From Previous Application (D+E)							
165	Bulk Excavation & Stone Base	105,000.00	92,400.00		0.00	0.00	92,400.00	88.00%	12,600.00	2,614.46
170	Backfill Around Concrete Structures	113,400.00	111,132.00		0.00	0.00	111,132.00	98.00%	2,268.00	3,144.48
175	Stone Base For Asphalt	52,500.00	0.00		0.00	0.00	0.00	0.00%	52,500.00	0.00
180	Paving	148,500.00	0.00		0.00	0.00	0.00	0.00%	148,500.00	0.00
185	Seeding	15,750.00	0.00		0.00	0.00	0.00	0.00%	15,750.00	0.00
190	Fencing	10,600.00	0.00		0.00	0.00	0.00	0.00%	10,600.00	0.00
195	Concrete Demolition & Saw Cutting	472,500.00	401,625.00		23,625.00	0.00	425,250.00	90.00%	47,250.00	12,545.23
200	Handrail Removal	26,250.00	16,537.50		5,775.00	0.00	22,312.50	85.00%	3,937.50	756.68
205	Grating removal	26,250.00	15,750.00		5,250.00	0.00	21,000.00	80.00%	5,250.00	708.15
210	Mechanical Demolition	150,100.00	112,575.00		22,515.00	0.00	135,090.00	90.00%	15,010.00	7,071.66
215	Temporary Pumping	29,300.00	27,835.00		0.00	0.00	27,835.00	95.00%	1,465.00	1,492.28
220	Storm Sewer & Inlets	47,250.00	0.00		0.00	0.00	0.00	0.00%	47,250.00	0.00
225	Manholes	65,300.00	65,300.00		0.00	0.00	65,300.00	100.00%	0.00	3,695.33
230	Drains	72,500.00	72,500.00		0.00	0.00	72,500.00	100.00%	0.00	4,102.77
235	Waste Activated Sludge	9,530.00	9,053.50		0.00	0.00	9,053.50	95.00%	476.50	512.34
240	Effluent Water	11,580.00	8,685.00		0.00	0.00	8,685.00	75.00%	2,895.00	491.48
245	Plant Effluent	131,390.00	131,390.00		0.00	0.00	131,390.00	100.00%	0.00	7,435.36
250	Clarifier Effluent	230,020.00	126,511.00		0.00	0.00	126,511.00	55.00%	103,509.00	7,159.26
255	Future	41,265.00	41,265.00		0.00	0.00	41,265.00	100.00%	0.00	2,335.20
260	Headworks Drain	4,680.00	4,680.00		0.00	0.00	4,680.00	100.00%	0.00	264.84
265	CCT Discharge	105,310.00	33,699.20		0.00	0.00	33,699.20	32.00%	71,610.80	1,907.04
270	CONCRETE	0.00	0.00		0.00	0.00	0.00	0.00%	0.00	0.00
275	MBR Tanks	1,575,000.00	1,023,750.00		0.00	0.00	1,023,750.00	65.00%	551,250.00	28,967.01
280	MBR Splitter Box	194,250.00	194,250.00		0.00	0.00	194,250.00	100.00%	0.00	5,496.30
285	Vault 1	52,500.00	52,500.00		0.00	0.00	52,500.00	100.00%	0.00	1,465.49
290	Vault 2	94,500.00	94,500.00		0.00	0.00	94,500.00	100.00%	0.00	2,673.88
295	Vault 3	94,500.00	94,500.00		0.00	0.00	94,500.00	100.00%	0.00	2,673.88
300	Vault 4	52,500.00	52,500.00		0.00	0.00	52,500.00	100.00%	0.00	1,465.49
305	Waste Sludge Vault	42,000.00	42,000.00		0.00	0.00	42,000.00	100.00%	0.00	1,168.39
310	Equipment Pads	52,500.00	52,500.00		0.00	0.00	52,500.00	100.00%	0.00	1,465.49
315	Blower Pad & Footings	147,000.00	147,000.00		0.00	0.00	147,000.00	100.00%	0.00	4,159.36
320	Effluent Water Storage Tank	435,750.00	435,750.00		0.00	0.00	435,750.00	100.00%	0.00	12,329.55

# CONTINUATION SHEET

Page 4 of 6

Application and Certification for Payment, containing Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

Application No.: 27

Application Date: 08/22/24

To: 08/31/24

Architect's Project No.: 2019-01

Invoice #: 479-27

Contract: 479- Clairton Wastewater Upgrades Phase 2

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		E In Place	F Materials Presently Stored	G Total Completed and Stored To Date	H (G / C)	I Balance To Finish (C-G)	J Retainage
			From Previous Application (D+E)	This Period						
325	Effluent Water Cascade	378,000.00	378,000.00	0.00	0.00	0.00	378,000.00	100.00%	0.00	10,695.51
330	Clarifier Splitter Box	155,400.00	155,400.00	0.00	0.00	0.00	155,400.00	100.00%	0.00	4,397.04
335	Headworks Building Curb	23,100.00	23,100.00	0.00	0.00	0.00	23,100.00	100.00%	0.00	653.61
340	Chlorine Tank Additions	288,750.00	0.00	0.00	0.00	0.00	0.00	0.00%	288,750.00	0.00
345	Rebar Procurement	567,000.00	567,000.00	0.00	0.00	0.00	567,000.00	100.00%	0.00	16,043.26
350	Rebar Installation	630,000.00	529,200.00	0.00	0.00	0.00	529,200.00	84.00%	100,800.00	14,973.71
355	Mechanical Splicers And Drilled Dowels	52,500.00	42,000.00	0.00	0.00	0.00	42,000.00	80.00%	10,500.00	2,376.78
360	Masonry	20,050.00	0.00	0.00	0.00	0.00	0.00	0.00%	20,050.00	0.00
365	Metal Building	53,200.00	53,200.00	0.00	0.00	0.00	53,200.00	100.00%	0.00	3,010.59
370	Miscellaneous Metals	678,250.00	406,950.00	0.00	0.00	0.00	406,950.00	60.00%	271,300.00	20,150.64
375	Doors	18,300.00	0.00	0.00	0.00	0.00	0.00	0.00%	18,300.00	0.00
380	Garage Door	14,150.00	0.00	0.00	0.00	0.00	0.00	0.00%	14,150.00	0.00
385	Painting	372,420.00	353,799.00	0.00	0.00	0.00	353,799.00	95.00%	18,621.00	19,494.60
390	EQUIPMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00	0.00
395	SH Tank Dewatering Pumps - Material	110,000.00	110,000.00	0.00	0.00	0.00	110,000.00	100.00%	0.00	6,224.90
400	SH Tank Dewatering Pumps - Installation	12,875.00	0.00	0.00	0.00	0.00	0.00	0.00%	12,875.00	0.00
405	Chemical Feed Pump Skids - Material	106,800.00	106,800.00	0.00	0.00	0.00	106,800.00	100.00%	0.00	6,043.81
410	Chemical Feed Pump Skids - Installation	6,700.00	6,700.00	0.00	0.00	0.00	6,700.00	100.00%	0.00	379.15
415	Clarifiers - Material	151,000.00	135,900.00	0.00	0.00	0.00	135,900.00	90.00%	15,100.00	7,690.58
420	Clarifier - FRP Weirs & Baffles - Material	225,400.00	225,400.00	0.00	0.00	0.00	225,400.00	100.00%	0.00	12,755.39
425	Clarifier - Installation Complete	344,900.00	0.00	0.00	0.00	0.00	0.00	0.00%	344,900.00	0.00
430	Hyperbolic Mixers - Material	261,000.00	261,000.00	0.00	0.00	0.00	261,000.00	100.00%	0.00	14,769.99
435	Hyperbolic Mixers - Installation	33,750.00	0.00	0.00	0.00	0.00	0.00	0.00%	33,750.00	0.00
440	Chemical Storage Tanks - Material	224,100.00	224,100.00	0.00	0.00	0.00	224,100.00	100.00%	0.00	12,681.82
445	Chemical Storage Tanks - Installation	60,530.00	60,530.00	0.00	0.00	0.00	60,530.00	100.00%	0.00	3,425.39
450	MEMBRANE BIOREACTOR EQUIPMENT (MMBR)	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00	0.00
455	Process And System Design	730,275.00	730,275.00	0.00	0.00	0.00	730,275.00	100.00%	0.00	41,326.26
460	Procurement	60,400.00	60,400.00	0.00	0.00	0.00	60,400.00	100.00%	0.00	3,418.04
465	IOM Manuals	52,200.00	52,200.00	0.00	0.00	0.00	52,200.00	100.00%	0.00	2,954.00
470	Control System Programming	55,000.00	55,000.00	0.00	0.00	0.00	55,000.00	100.00%	0.00	3,112.45

# CONTINUATION SHEET

Page 5 of 6

Application and Certification for Payment, containing

Contractor's signed certification is attached.

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Application No.: 27

Application Date: 08/22/24

To: 08/31/24

Architect's Project No.: 2019-01

Invoice #: 479-27

Contract: 479- Clifton Wastewater Upgrades Phase 2

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		E This Period In Place	F Materials Presently Stored (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H % (G / C)	I Balance To Finish (C-G)	J Retainage
			From Previous Application (D+E)							
475	Installation QC, Mech Check & Training	52,000.00	31,200.00	0.00	0.00	0.00	31,200.00	60.00%	20,800.00	1,618.47
480	MMBR Equipment	140,000.00	84,000.00	0.00	0.00	0.00	84,000.00	60.00%	56,000.00	2,376.78
485	Membrane System (WTA) Order Placement	3,664,085.00	3,297,676.50	0.00	0.00	0.00	3,297,676.50	90.00%	366,408.50	186,615.53
490	Membranes	697,900.00	697,900.00	0.00	0.00	0.00	697,900.00	100.00%	0.00	39,494.16
495	MBR System - Installation	3,275,600.00	2,948,040.00	163,780.00	0.00	0.00	3,111,820.00	95.00%	163,780.00	175,018.58
500	Composite Sampler	948,600.00	616,590.00	0.00	0.00	0.00	616,590.00	65.00%	332,010.00	34,892.83
505	Crane And Hoists	11,200.00	11,200.00	0.00	0.00	0.00	11,200.00	100.00%	0.00	633.81
510	Sluice & Slide Gates - Material	253,500.00	101,400.00	0.00	0.00	0.00	101,400.00	40.00%	152,100.00	5,738.23
515	Sluice & Slide Gates - Installation	163,800.00	163,800.00	0.00	0.00	0.00	163,800.00	100.00%	0.00	9,269.44
520	INTERIOR PIPING	63,540.00	50,832.00	0.00	0.00	0.00	50,832.00	80.00%	12,708.00	2,876.58
525	HEADWORKS BUILDING	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00	0.00
530	Grit	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00	0.00
535	Drains	3,610.00	3,610.00	0.00	0.00	0.00	3,610.00	100.00%	0.00	204.29
540	Sodium Hydroxide	19,980.00	19,980.00	0.00	0.00	0.00	19,980.00	100.00%	0.00	1,130.67
545	MBR	7,755.00	7,755.00	0.00	0.00	0.00	7,755.00	100.00%	0.00	438.86
550	Drains	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00	0.00
555	Influent	31,970.00	26,535.10	0.00	0.00	0.00	26,535.10	83.00%	5,434.90	1,501.62
560	Return Activated Sludge	944,180.00	708,135.00	0.00	0.00	0.00	708,135.00	75.00%	236,045.00	40,073.36
565	Waste Activated Sludge	1,087,015.00	978,313.50	0.00	0.00	0.00	978,313.50	90.00%	108,701.50	55,362.76
570	Future Influent	126,960.00	76,176.00	0.00	0.00	0.00	76,176.00	60.00%	50,784.00	4,310.80
575	Sludge Relocation	58,290.00	58,290.00	0.00	0.00	0.00	58,290.00	100.00%	0.00	3,298.63
580	Effluent Water Relocation	6,520.00	6,520.00	0.00	0.00	0.00	6,520.00	100.00%	0.00	368.97
585	Blower Air	2,230.00	2,230.00	0.00	0.00	0.00	2,230.00	100.00%	0.00	126.20
590	Permeate	808,280.00	606,210.00	0.00	0.00	0.00	606,210.00	75.00%	202,070.00	34,305.42
595	Sump Discharge	911,970.00	729,576.00	0.00	0.00	0.00	729,576.00	80.00%	182,394.00	41,286.71
600	Air Exhaust	6,060.00	3,030.00	0.00	0.00	0.00	3,030.00	50.00%	3,030.00	171.47
605	Effluent Water	5,700.00	5,700.00	0.00	0.00	0.00	5,700.00	100.00%	0.00	306.43
610	Citric Acid System	15,130.00	9,078.00	0.00	0.00	0.00	9,078.00	60.00%	6,052.00	470.91
615	Sodium Hypochlorite	22,600.00	22,600.00	0.00	0.00	0.00	22,600.00	100.00%	0.00	1,278.93
620	Potable Water	22,450.00	22,450.00	0.00	0.00	0.00	22,450.00	100.00%	0.00	1,270.45
625	EFFLUENT WATER STORAGE TANK	4,150.00	4,150.00	0.00	0.00	0.00	4,150.00	100.00%	0.00	205.50
630		0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00	0.00

# CONTINUATION SHEET

Page 6 of 6

Application and Certification for Payment, containing Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

Application No.: 27

Application Date: 08/22/24

To: 08/31/24

Architect's Project No.: 2019-01

Invoice #: 479-27 Contract: 479- Clairton Wastewater Upgrades Phase 2

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored  (Not in D or E)	G Total Completed and Stored To Date (D+E+F)	H Balance To Finish (C-G)	I Retainage
			From Previous Application (D+E)	This Period In Place				
635	Drains	24,580.00	24,580.00	0.00	0.00	24,580.00	0.00	1,390.98
640	Permeate	325,320.00	325,320.00	0.00	0.00	325,320.00	0.00	18,409.86
645	Effluent Sample Piping	21,850.00	21,850.00	0.00	0.00	21,850.00	0.00	1,236.49
650	Sample Piping	3,875.00	3,875.00	0.00	0.00	3,875.00	0.00	219.29
655	CLARIFIERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Drains	21,410.00	0.00	0.00	0.00	0.00	21,410.00	0.00
665	Blower Air	123,880.00	0.00	0.00	0.00	0.00	123,880.00	0.00
670	Sump Discharge	3,770.00	0.00	0.00	0.00	0.00	3,770.00	0.00
675	Effluent Water	269,290.00	53,858.00	0.00	0.00	53,858.00	215,432.00	3,047.82
680	Sodium Hypochlorite	4,290.00	0.00	0.00	0.00	0.00	4,290.00	0.00
685	Potable Water	3,050.00	0.00	0.00	0.00	0.00	3,050.00	0.00
690	Influent	671,090.00	523,450.20	0.00	0.00	523,450.20	147,639.80	29,622.05
695	Drain Pumps S&D	75,610.00	0.00	0.00	0.00	0.00	75,610.00	0.00
700	Sodium Bisulfite	10,770.00	0.00	0.00	0.00	0.00	10,770.00	0.00
705	CHLORINE CONTACT TANK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
710	Drains	22,450.00	11,225.00	0.00	0.00	11,225.00	11,225.00	636.22
715	Effluent	53,460.00	0.00	0.00	0.00	0.00	53,460.00	0.00
720	MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
725	HVAC	206,570.00	154,927.50	0.00	0.00	154,927.50	51,642.50	8,767.35
729	Allowances	0.00	0.00	0.00	0.00	0.00	0.00	0.00
730	Unclassified concrete repairs	25,000.00	13,057.00	0.00	0.00	13,057.00	11,943.00	738.90
732	Unforeseen conditions	80,676.02	0.00	0.00	0.00	0.00	80,676.02	0.00
733	Rerouting anoxic basin	37,300.00	37,300.00	0.00	0.00	37,300.00	0.00	2,110.81
734	Weir wall infill	72,050.00	39,627.50	0.00	0.00	39,627.50	32,422.50	1,121.26
735	Air Line Moos Basin #4	3,260.00	3,260.00	0.00	0.00	3,260.00	0.00	184.48
736	Eyewash Stations	6,713.98	6,713.98	0.00	0.00	6,713.98	0.00	379.95
740	CO 1 Escalation	174,920.00	174,920.00	0.00	0.00	174,920.00	0.00	9,898.72
750	CO 2 Additional Permeate Vent Piping	7,950.00	3,975.00	0.00	0.00	3,975.00	3,975.00	224.95
Grand Totals		28,676,870.00	23,185,848.48	236,935.00	0.00	23,422,783.48	5,254,086.52	1,171,139.18



**UNISOL**  
Membrane Technology

WTA UNISOL GmbH - Fritz-Bothmann-Str. 1 - 99887 Gotha

Firma  
Wayne Crouse, Inc.  
3370 Stafford Street  
Pittsburgh, PA 15204  
USA

**Proforma Invoice**

Project No.	T200241
Event No.	887
Reference No.	2024-00074
Date	12.08.2024
Customer No.	D000143
Project manager	
Official in charge	Anny Grabe
Phone	+493621 7377 920
E-Mail	a.grabe@wta-unisol.com

Please state the project and document number in  
correspondence and bank transfer

Shipping method	Forwarder	VAT No.	DE314168339
Terms of delivery	Ex Work Gotha	Tax No.	156/122/02254
Reference		Foreign tax No.	
customer contact		Your VAT No.	
p.o. number			

Pos.	Item No.	Description	Delivery	Quantity	Price	Total
1	HC99999999	Additional Parts for Module H5L6-135840-2501100 Set of steel frames, steel parts, PVC piping, tube diffuser  Customs tariff number: 84219990 Country of Origin: DE	12.08.2024	74 pcs	5.543,96	410.253,04

plus VAT

0,00

Subtotal	US\$	410.253,04
%	410.253,04	0,00
Total	US\$	410.253,04

Tax-free export consignment according to section §4 Nr. 1a in conjunction with § 6 UStG

**payment terms**

45Days

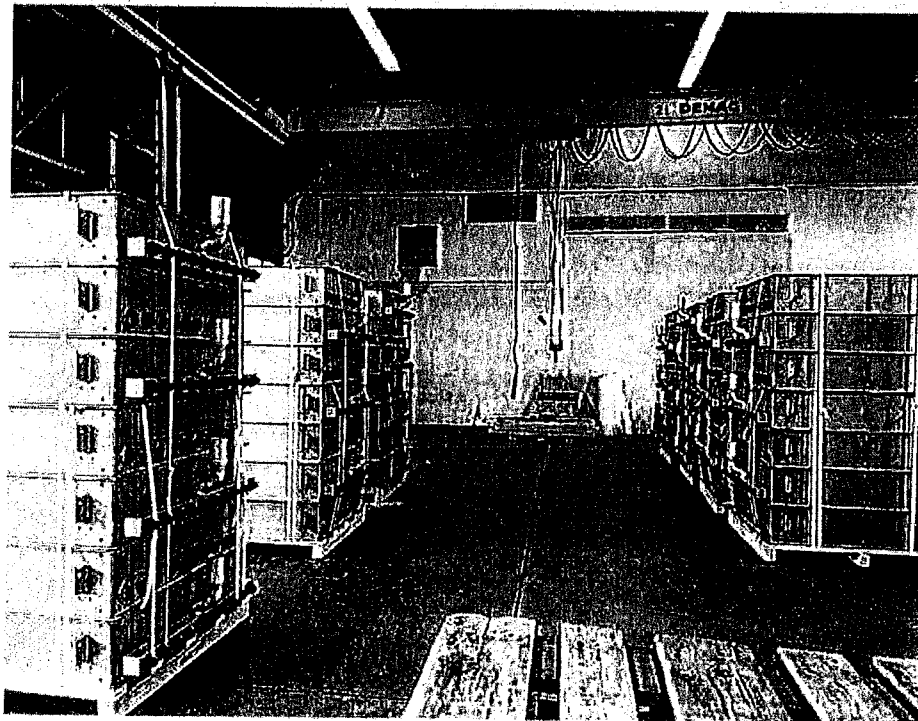
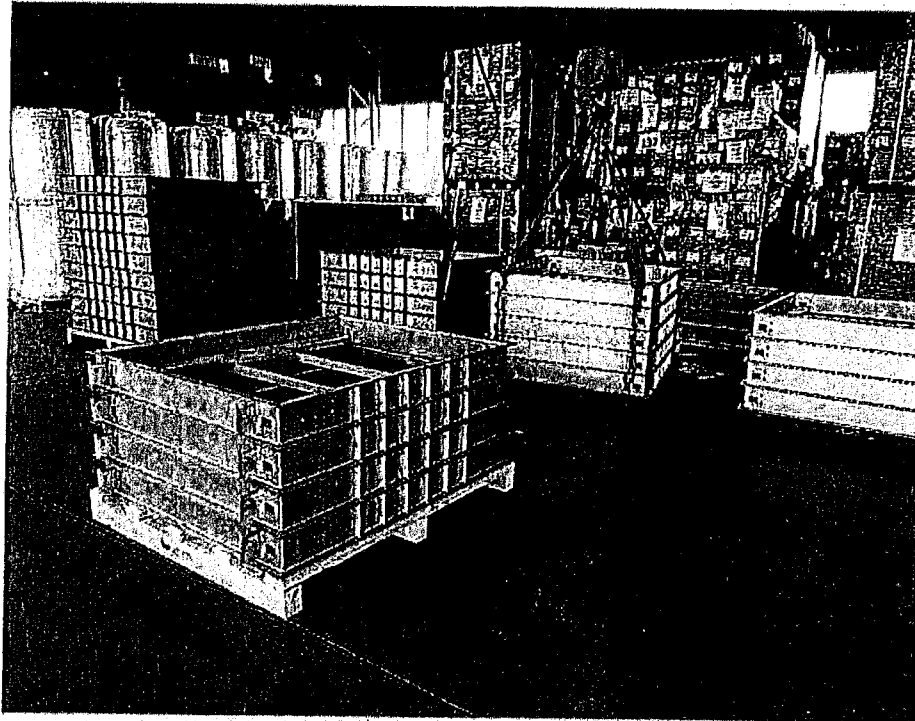
without discount

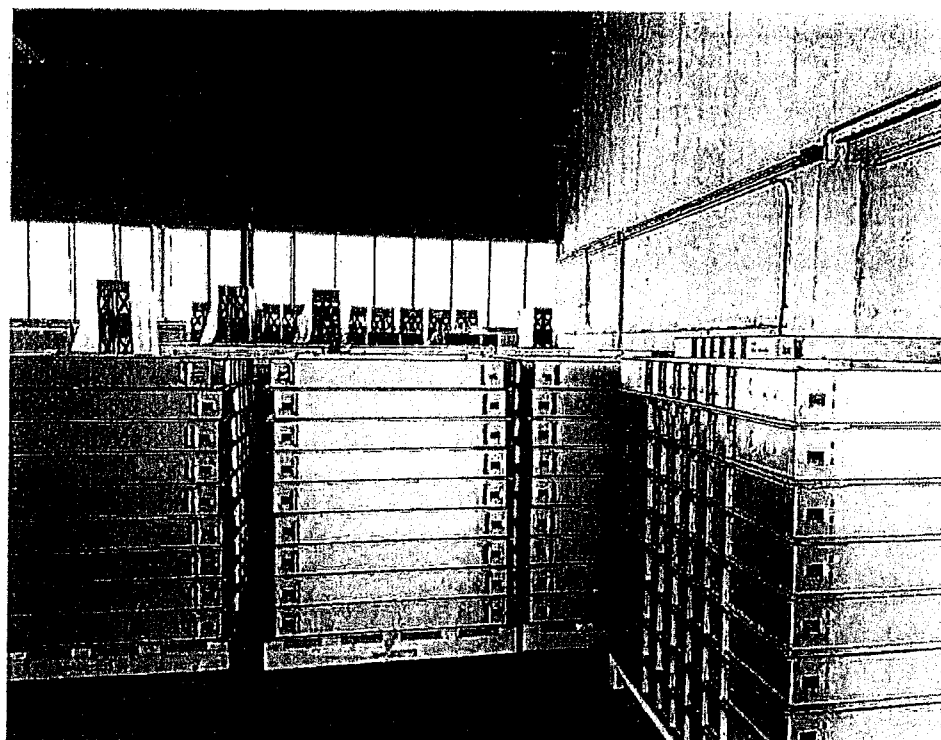
410.253,04USD



Photo documentation 10. Down payment Invoice

Steel frames+ steel parts + piping etc: Sets for 72 complete membrane units, delivery in process





AFFIDAVIT OF PAYMENT

AND

RELEASE OF LIENS

TO:

Clairton Municipal Authority

1 North State Street

Clairton, PA 15025

I hereby certify that, to the best of my knowledge, all outstanding claims and indebtedness of any nature resulting from the performance of my contract have been fully paid, except for the following:

I hereby deliver to the OWNER, a complete release of all liens arising out of this Contract for unpaid material and labor, or other costs.

ATTEST:

CONTRACTOR: Wayne Crouse, Inc.

Lynne K. Baran

Lynne K. Baran

Anthony Marino

By Anthony Marino

Title Treasurer

Commonwealth of Pennsylvania)

) SS:

County of )

Before me a Notary Public in and for said County and Commonwealth, personally agreed \_\_\_\_\_ who, being duly sworn according to law, deposes and says that the facts set forth in the foregoing Affidavit and Release are true and correct to the best of his/her knowledge, information and belief.

Sworn to and subscribed before me this \_\_\_\_\_ day and \_\_\_\_\_, 20\_\_\_\_.

Notary Public

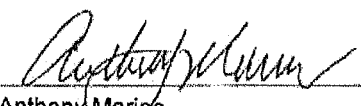
My Commission Expires: 6/20/2025

Commonwealth of Pennsylvania)


) SS:

County of Allegheny )

Anthony Marino, being duly sworn according to law, deposes and says that he/she is the Treasurer of Wayne Crouse, Inc. a Pennsylvania Corporation, and that he/she makes this Affidavit on its behalf, being authorized to do so; and that the facts set forth in the foregoing Affidavit and Release are true and correct to the best of his/her information, knowledge and belief.

  
Anthony Marino

Sworn to and subscribed before me this 22nd day of August, 2024.

  
Notary Public

My Commission Expires: 6/20/2025

Commonwealth of Pennsylvania - Notary Seal  
Lynne K. Baran, Notary Public  
Allegheny County  
My commission expires June 20 2025  
Commission number 1006429  
Member, Pennsylvania Association of Notaries

## Application and Certification for Payment

Page 1 of 3

TO (OWNER): CLAIRTON MUNICIPAL AUTHORITY  
1 NORTH STATE STREET  
CLAIRTON, PA 15025

PROJECT: CLAIRTON WWTP UPGRADE PH 2

C-5127

Invoice 5127-24349

APPLICATION NO: 24

PERIOD TO: 8/31/2024

DISTRIBUTION

TO:

- OWNER

- ARCHITECT

- CONTRACTOR

FROM (CONTRACTOR): Brondor Technical Services  
990 W. Old Route 422  
Prospect, PA 16052

VIA (ARCHITECT): KLH Engineers  
5173 Campbell's Run Rd  
Pittsburgh, PA 15205

ARCHITECT'S

PROJECT NO: 2019-02 Rebid

CONTRACT FOR: WWTP Upgrade Ph 2 Electrical

CONTRACT DATE: 5/26/2022

### CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.  
Continuation Sheet, AIA Type Document is attached.

1. ORIGINAL CONTRACT SUM ..... \$ 4,154,555.00  
2. Net Change by Change Orders ..... \$ 225,488.71  
3. CONTRACT SUM TO DATE (Line 1 + 2) ..... \$ 4,380,043.71  
4. TOTAL COMPLETED AND STORED TO DATE ..... \$ 3,770,918.27

#### 5. RETAINAGE:

a. 5.00 % of Completed Work \$ 188,545.92  
b. 0.00 % of Stored Material \$ 0.00

Total retainage (Line 5a + 5b) ..... \$ 188,545.92

6. TOTAL EARNED LESS RETAINAGE ..... \$ 3,582,372.35  
(Line 4 less Line 5 Total)

#### 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT

(Line 6 from prior Certificate) ..... \$ 3,542,472.35

8. CURRENT PAYMENT DUE ..... \$ 39,900.00

9. BALANCE TO FINISH, INCLUDING RETAINAGE  
(Line 3 less Line 6) \$ 797,671.36

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	225,488.71	0.00
Total approved this Month	0.00	0.00
TOTALS	225,488.71	0.00
NET CHANGES by Change Order	225,488.71	

The Undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the owner, and that current payment shown herein is now due.

CONTRACTOR: Brondor Technical Services

990 W. Old Route 422 Prospect, PA 16052

By:

Frederick S McMillen / Director Operations

State of: PA

County of: BUTLER

Subscribed and Sworn to before me this

29

Day of

Aug

2024

Notary Public: Stacey Marie Newell

My Commission Expires: 3/5/26

Commonwealth of Pennsylvania - Notary Seal  
Stacey Marie Newell, Notary Public  
Lawrence County  
My commission expires March 5, 2026  
Commission number 1328274

Member, Pennsylvania Association of Notaries

Date: 8/29/24

### ARCHITECT'S CERTIFICATE FOR PAYMENT

In Accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... \$ 39,900.00

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By:

Date:

08/29/2024

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, Payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

**AIA Type Document**  
**Application and Certification for Payment**

Page 2 of 3

**TO (OWNER):** CLAIRTON MUNICIPAL AUTHORITY  
1 NORTH STATE STREET  
CLAIRTON, PA 15025

**PROJECT:** CLAIRTON WWTP UPGRADE PH 2  
C-5127  
Invoice 5127-24349

**APPLICATION NO:** 24  
**PERIOD TO:** 8/31/2024

**DISTRIBUTION TO:**  
\_ OWNER  
\_ ARCHITECT  
\_ CONTRACTOR

**FROM (CONTRACTOR):** Brondor Technical Services  
990 W. Old Route 422  
Prospect, PA 16052

**VIA (ARCHITECT):** KLH Engineers  
5173 Campbells Run Rd  
Pittsburgh, PA 15205

**ARCHITECT'S PROJECT NO:** 2019-02 Rebid

**CONTRACT FOR:** WWTP Upgrade Ph 2 Electrical

**CONTRACT DATE:** 5/26/2022

ITEM	DESCRIPTION	SCHEDULE VALUE	PREVIOUS APPLICATIONS	COMPLETED THIS PERIOD	STORED MATERIAL	COMPLETED STORED	%	BALANCE	RETAINAGE
1	Mobilization	200,000.00	200,000.00	0.00	0.00	200,000.00	100.00	0.00	10,000.00
2	Insurance/Bonds	39,000.00	39,000.00	0.00	0.00	39,000.00	100.00	0.00	1,950.00
3	B&O Tax	48,520.00	35,653.81	0.00	0.00	35,653.81	73.48	12,866.19	1,782.69
4	Electrical Permit	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00	0.00	500.00
5	Demolition	20,000.00	13,500.00	0.00	0.00	13,500.00	67.50	6,500.00	675.00
6	Temporary	24,000.00	21,600.00	0.00	0.00	21,600.00	90.00	2,400.00	1,080.00
7	Demobilization	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0.00
8	As Builts	1,500.00	0.00	0.00	0.00	0.00	0.00	1,500.00	0.00
9	O/M Manuals	1,500.00	0.00	0.00	0.00	0.00	0.00	1,500.00	0.00
10	Allowance	50,000.00	0.00	0.00	0.00	0.00	0.00	50,000.00	0.00
11	Temp. Generator	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00	0.00	500.00
12	Civil Work	84,200.00	70,500.00	0.00	0.00	70,500.00	83.73	13,700.00	3,525.00
13	Fiber	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00	0.00	500.00
14	Housekeeping Pad	9,500.00	9,500.00	0.00	0.00	9,500.00	100.00	0.00	475.00
15	Coordination Study	6,000.00	2,500.00	0.00	0.00	2,500.00	41.67	3,500.00	125.00
16	Main Switch Board	110,000.00	110,000.00	0.00	0.00	110,000.00	100.00	0.00	5,500.00
17	Capacitor	40,000.00	40,000.00	0.00	0.00	40,000.00	100.00	0.00	2,000.00
18	Motor Control Center	140,000.00	138,000.00	0.00	0.00	138,000.00	98.57	2,000.00	6,900.00
19	Panelboard	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00	0.00	50.00
20	Transformer	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00	0.00	125.00
21	Pad Transformer	160,000.00	160,000.00	0.00	0.00	160,000.00	100.00	0.00	8,000.00

AIA Type Document

Application and Certification for Payment

Page 3 of 3

TO (OWNER): CLAIRTON MUNICIPAL AUTHORITY  
1 NORTH STATE STREET  
CLAIRTON, PA 15025

PROJECT: CLAIRTON WWTP UPGRADE PH 2  
C-5127  
Invoice 5127-24349

APPLICATION NO: 24  
PERIOD TO: 8/31/2024

DISTRIBUTION  
TO:  
\_ OWNER  
\_ ARCHITECT  
\_ CONTRACTOR

FROM (CONTRACTOR): Brondor Technical Services  
990 W. Old Route 422  
Prospect, PA 16052

VIA (ARCHITECT): KLH Engineers  
5173 Campbells Run Rd  
Pittsburgh, PA 15205

ARCHITECT'S  
PROJECT NO: 2019-02 Rebid

CONTRACT FOR: WWTP Upgrade Ph 2 Electrical

CONTRACT DATE: 5/26/2022

ITEM	DESCRIPTION	SCHEDULE VALUE	PREVIOUS APPLICATIONS	COMPLETED THIS PERIOD	STORED MATERIAL	COMPLETED STORED	%	BALANCE	RETAINAGE
22	Disconnect Switches	105,000.00	105,000.00	0.00	0.00	105,000.00	100.00	0.00	5,250.00
23	Metric Switches	50,000.00	35,000.00	0.00	0.00	35,000.00	70.00	15,000.00	1,750.00
24	Transformer Pad	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00	0.00	150.00
25	Variable Freq. Drives	650,000.00	646,500.00	0.00	0.00	646,500.00	99.46	3,500.00	32,325.00
26	PVC Conduit	159,530.00	141,000.00	0.00	0.00	141,000.00	88.38	18,530.00	7,050.00
27	Aluminum Conduit	715,000.00	635,000.00	5,000.00	0.00	640,000.00	89.51	75,000.00	32,000.00
28	Wire/Cable	750,000.00	559,525.00	20,000.00	0.00	579,525.00	77.27	170,475.00	28,976.25
29	Equipment Racks	143,800.00	133,850.00	0.00	0.00	133,850.00	93.08	9,950.00	6,692.50
30	Boxes	40,000.00	35,000.00	0.00	0.00	35,000.00	87.50	5,000.00	1,750.00
31	Wiring Devices	14,505.00	8,175.75	0.00	0.00	8,175.75	56.37	6,329.25	408.79
32	Lighting	250,000.00	167,500.00	10,000.00	0.00	177,500.00	71.00	72,500.00	8,875.00
33	Heat Trace	16,000.00	16,000.00	0.00	0.00	16,000.00	100.00	0.00	800.00
34	Instrumentation	130,000.00	87,500.00	5,000.00	0.00	92,500.00	71.15	37,500.00	4,625.00
35	Control Panels	40,000.00	35,000.00	0.00	0.00	35,000.00	87.50	5,000.00	1,750.00
36	Lighting Pole Foundations	45,000.00	0.00	0.00	0.00	0.00	0.00	45,000.00	0.00
37	Conduit/ Cable Tags	30,000.00	22,000.00	0.00	0.00	22,000.00	73.33	8,000.00	1,100.00
38	Equipment Connections	30,000.00	22,000.00	2,000.00	0.00	24,000.00	80.00	6,000.00	1,200.00
39	Punch List	5,000.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00
1	Change Order 1	203,113.71	203,113.71	0.00	0.00	203,113.71	100.00	0.00	10,155.69
2	Change Order 2	22,375.00	0.00	0.00	0.00	0.00	0.00	22,375.00	0.00
REPORT TOTALS		\$4,380,043.71	\$3,728,918.27	\$42,000.00	\$0.00	\$3,770,918.27	88.09	\$609,125.44	\$188,545.92

Motion to approve Pay Application 27 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the Amount of \$46,171.13 for submission for payment to PennVest.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____



Motion to approve Pay Application 27 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the Amount of \$178,917..12 for submission for payment from CMA Funds.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____

Motion to approve billing of Jefferson Hills for unbilled service for the treatment of Waste Water from Wall Plan.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____

Motion to approve renewal of Cyber Insurance through Travelers Insurance at a cost of \$4,275.00 for 12 Months beginning November 2024

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____

Motion to adopt updated Payment Plan Policy.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

	Yes	No
<u>Roll Call</u>		
Brian Koontz	_____	_____
Lawrence Wulf	_____	_____
John Verlich	_____	_____
Doug Ozvath	_____	_____
John Vitullo	_____	_____

Motion to approve Collection System Billing Summary.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____

Motion to approve the Year-to-Date Income Statements for Treatment and Collections.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

	Yes	No
<u>Roll Call</u>		
Brian Koontz	_____	_____
Lawrence Wulf	_____	_____
John Verlich	_____	_____
Doug Ozvath	_____	_____
John Vitullo	_____	_____

Motion to approve the paying of the bills from August 16th, 2024 thru September 18th, 2024.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____

# CLAIRTON MUNICIPAL AUTHORITY

## BOARD OF DIRECTORS MEETING

September 19th, 2024

Meeting called to order at \_\_\_\_\_ P.M. by \_\_\_\_\_.

\*\*\*\*\*

Executive Session was held at \_\_\_\_ PM until \_\_\_\_ PM on May 16th, 2024 to discuss personnel and litigation.

Present

Absent

### Roll Call

Brian Koontz

Lawrence Wulf

John Verlich

Doug Ozvath

John Vitullo

### Administration/Professional

Ryan Potts, Superintendent

Brian Melnichak, Finance Director

Robert McTiernan, Solicitor

John Gianvito, KLH Engineers

### Citizens Comments

\*\*\*\*\*

Motion to approve the minutes from the August 15th, 2024 Board Meeting.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

Yes

No

### Roll Call

Brian Koontz

Lawrence Wulf

John Verlich

Doug Ozvath

John Vitullo



# **CLAIRTON MUNICIPAL AUTHORITY**

## **BOARD OF DIRECTORS**

### **Regular Monthly Meeting**

Thursday October 17<sup>th</sup>, 2024

6:00 P.M.

## **AGENDA**

Roll Call and Pledge of Allegiance

Comments from the Public

1. Approval of Minutes
  - a. Motion to approve the minutes from the Board Meeting on September 19<sup>th</sup>, 2024. ✓
2. Motion to approve the bills. ✓
3. Motion to approve the Year-to-Date Income Statements for both Treatment and Collection. ✓
4. Motion to approve Collection System Billing Summary. ✓
5. Finance Report
  - a. Motion to approve 2025 Budget Minimum Municipal Obligation for the Clairton Municipal Authority Defined Benefit Plan in the amount of \$37, 538.00.
  - b. Motion to approve transaction to purchase new 2024 Chevrolet Silverado 3500 HD through a COSTARS Dealership.
6. Collection & Operation Report
7. Engineer's Report
  - a. Motion to approve Pay Application No. 28 to Wayne Crouse, Inc. for Contract 2019-01 REBID WWTP Upgrades Phase 2 in the amount of \$403,668.52 for submission to PennVest for payment ✓
  - b. Motion to approve Pay Application No. 25 to Bronder Technical Services, Inc. for Contract 2019-01 REBID Upgrades Phase 2 Electrical in the amount of \$28,500.00 for payment. ✓
8. Solicitor's Report
  - a. Motion to Approve Resolution updating fees associated to Tap Requests. ✓
9. New Business
10. Motion to Adjourn

Motion to Adjourn

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

Yes

No

Roll Call

Brian Koontz

\_\_\_\_\_

\_\_\_\_\_

Lawrence Wulf

\_\_\_\_\_

\_\_\_\_\_

John Verlich

\_\_\_\_\_

\_\_\_\_\_

Doug Ozvath

\_\_\_\_\_

\_\_\_\_\_

John Vitullo

\_\_\_\_\_

\_\_\_\_\_

Motion to approve Pay Application 24 to Bronder Technical Services, Inc. for Contract 2019-01 REBID  
WWTP Upgrades Phase 2 in the Amount of \$39,900.00 for payment from CMA Funds.

Motion By: \_\_\_\_\_

Seconded By: \_\_\_\_\_

		Yes	No
<u>Roll Call</u>	Brian Koontz	_____	_____
	Lawrence Wulf	_____	_____
	John Verlich	_____	_____
	Doug Ozvath	_____	_____
	John Vitullo	_____	_____

## Unified Power

Jeana Smith

Phone: (267) 495-1206

Jeana.smith@unifiedpowerusa.com

www.unifiedpowerusa.com



## Keeping You in Power

Clairton Municipal Sewage Plant  
New UPS

Proposal #: 174517 - Rev: 1

Date: 09/11/2024

Jeana Smith  
 (267) 495-1206  
 Jeana.smith@unifiedpowerusa.com



## New UPS

Invoice To:	End User:
Clairton Municipal Sewage Plant 1 N State Street Clairton PA 15025	Clairton Municipal Sewage Plant

Clairton Municipal Sewage Plant, 1 N State Street , Clairton, PA 15025, US			
Description	Rate	Quantity	Price
S3U-10-A2-IO480 Sentryum UPS 480V-60 Hz Input 3 wire /480V/277 60Hz Output 4 wire, with 2 strings of (20) 9Ah batteries for a runtime of 10 min at full load	\$16,793.33	1	\$16,793.33
NETMAN-204-UL UTP Ethernet connection SNMP V3 (slot in card).	\$425.33	1	\$425.33
<b>**Optional**</b> 90880-C480365ECA025A02502MB 90880 Wall Mount Maintenance Bypass Panel Voltage: 480/277VAC, 3Ph/4W/G Breaker Quantity: (3) Amps Size: 25A (UIB, MBB & MIB) AIC Rating: 65k Breaker Accessories: N/A Interlock: Kirk-Key Locks standard - Configuration #02 Dimensions: 30.0"W x 10.0"D x 36.0"H, 110 Lbs Color: Black (MB)	\$5,608.00	1	\$5,608.00
Freight Charges- LTL Freight w/ Lift Gate Delivery  <b>**Inside delivery not included. Service can be quoted at an additional cost**</b>	\$303.95	1	\$303.95
<b>Site Total:</b>			<b>\$23,130.61</b>

Summary	
Clairton Municipal Sewage Plant, 1 N State Street , Clairton, PA 15025, US	\$23,130.61
Tax	\$1,619.14
<b>Total</b>	<b>\$24,749.75</b>



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 Date: 9/11/2024

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Jeana.smith@unifiedpowerusa.com



Unified Power's Terms & Conditions will apply to orders based on this proposal.  
<https://unifiedpowerusa.com/terms-and-conditions>

Unified Power's Standard Terms are part of this Agreement and constitutes the entire Agreement between the parties and shall exclusively control the relationship of the parties, with regard to this Agreement. Printed, preprinted or other terms on the face or reverse side of Buyer's Purchase Order shall not be binding. By signing below the Purchaser represents that it is the owner of the Covered Equipment or, if it is not the owner that it has the authority to enter into this agreement.

**Unified Power**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

**Clairton Municipal Sewage Plant**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_



Jeana Smith  
(267) 495-1206  
Jeana.smith@unifiedpowerusa.com



## Terms and Conditions

**1. Acceptance and Entire Terms and Conditions.** All services performed, including but not limited to scheduled, remedial and emergency services (collectively "Services") or products, equipment, batteries or parts ("Products") sold or delivered separately or as part of performing Services sold by ON COMPUTER SERVICES, LLC, dba UNIFIED POWER (Seller), as well as by third party vendors and/or services providers of Seller, on behalf of or to the CUSTOMER ("Customer") named in the attached Proposal (the "Proposal") shall be subject to these Terms and Conditions. If Services are being supplied pursuant to Customer's purchase or work order, Seller's acceptance of said purchase or work order is expressly conditioned on Customer's acceptance of these Terms and Conditions. Any of the provisions of Customer's purchase or work order which attempt to impose terms and conditions at variance with these Terms and Conditions shall not be binding on Seller and shall not be considered applicable to the Services contemplated by the Proposal. Neither commencement of performance nor delivery by Seller shall be considered or construed as acceptance of Customer's supplemental or conflicting terms and conditions. Seller's failure to object to conflicting or added terms will not change or add to the terms of this agreement. A customer's acceptance of the Products and/or Services from Seller shall be considered to constitute acceptance of the terms and conditions contained herein.

**2. Delivery, Delays and Title.** Any Service completion date or Product delivery date specified on the face hereof is approximate and is not a guarantee of a particular day of completion of the Services to be performed hereunder or delivery of the Products, and such dates are based upon prompt receipt of all necessary information from the Customer. Under no circumstances shall Seller be liable for damages for any delay or failure to perform the Services or deliver the Products as scheduled if such delay or failure is occasioned in whole or in part by reason of force majeure, or any other causes or circumstances beyond Seller's reasonable control or which Seller by reasonable diligence could not have avoided.

**3. Warranty and Seller's Limitation of Liability.** Seller's sole warranty pursuant to these Terms and Conditions shall be that all Services performed shall be performed in a competent manner, and that any Products provided hereunder and any incidental materials and consumables utilized in the performance of the proposed Services will be new or like new and free from defects in workmanship and will conform to the applicable drawings and specifications. If Customer identifies any failure of Seller to meet the above stated warranty within thirty (30) days from the date such Service or installation of such Products (or for any longer warranty period provided by a Product manufacturer, which warranty shall be passed directly to Customer), Customer must immediately notify Seller in writing. Any claims of Customer, shall not be cause for the cancellation of the Proposal or these Terms and Conditions.

**NO WARRANTY, EXPRESS OR IMPLIED INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, ARE EXTENDED BY Seller, OR MAY BE EXTENDED BY CUSTOMER, TO ANY THIRD PERSON. NOTWITHSTANDING ANYTHING IN THIS CONTRACT OR OTHERWISE TO THE CONTRARY, Seller SHALL NOT BE LIABLE INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF ANTICIPATED PROFITS, LOST SALES, GOODWILL, INJURY TO PERSON OR PROPERTY, OR OTHER INDIRECT LOSS IN CONNECTION WITH OR ARISING OUT OF: (I) WARRANTY, CONTRACT, NEGLIGENCE OR OTHERWISE RELATED TO A PRODUCT OR (II) THE PERFORMANCE OF ANY SERVICE, WHETHER OR NOT THE POSSIBILITY OF DAMAGE WAS DISCLOSED TO Seller OR COULD HAVE BEEN REASONABLY FORESEEN BY Seller.**

**4. Indemnity.** Subject to Section LIABILITY herein, Seller shall defend, indemnify and hold harmless Customer, its officers, employees and agents from and against any and all claims, liabilities, damages, demands, losses, causes for action and suits, including reasonable attorney's fees incident thereto, to the extent they result directly from or out of (1) any injury to or death of any person or damage to or destruction of any property caused by the negligence acts, errors, omissions or willful misconduct of Seller, its agents or employees, and (2) any violation of federal or state law, regulation, order, rule or of any other governmental authority having jurisdiction by Seller, its employees or agents.

**5. Force Majeure.** Seller is not liable for failure to fulfill its obligations for any accepted Order or for delays in delivery due to causes beyond Seller's reasonable control including, but not limited to, acts of God, natural or artificial disaster, riot, war, strike, delay by carrier, shortage of Product, acts or omissions of other parties, acts or omissions of civil or military authority, Government priorities, changes in law, material shortages, fire, strikes, floods, epidemics, quarantine restrictions, acts of terrorism, delays in transportation or inability to obtain labor, materials or Products through its regular sources, which shall be considered as an event of force majeure excusing Seller from performance and barring remedies for nonperformance. In an event of force majeure condition, the Seller's time for performance shall be extended for a period equal to the time lost as a consequence of the force majeure condition without subjecting Seller to any liability or penalty. Seller may, as its option, cancel the remaining performance, without any liability or penalty, by giving notice of such cancellation to the Customer.

**6. Returns.** Products may be returned to Seller only after receipt by Customer of written authorization and shipping instructions from Seller signed by its authorized agent.

**7. Cancellations.** All requests for cancellation must be made in writing by Customer, and orders or service contracts shall not be cancelled without the prior written consent of Seller signed by an authorized agent of Seller. Orders for Products or Services in process or completed at the time Customer's cancellation is received by Seller are subject to cancellation charges up to the invoice value of the Products or Services.

**8. Price.** All prices stated in Seller's Proposal or in the attached rate sheets will be maintained for Services performed within thirty (30) days from the date of the Proposal unless extended by Seller at its sole option. Prices stated herein do not include installation, freight and handling charges, unless such item is specifically listed and priced in the agreements between Seller and Customer.



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(267) 495-1206  
Jeana.smith@unifiedpowerusa.com



**9. Payment.** Unless otherwise specifically provided in the Proposal, invoices for performance of any non-Contract Services will be processed upon completion of the Service. Invoices for all Products not sold as part of a Service will be processed upon shipment of the Products to Customer. Payment of all invoices is due within thirty (30) days from the date of the invoice. Payment to Seller by Customer will not be contingent on third party payments to Customer. Any payment not made when due shall be subject to a one and one half percent (1-1/2%) service charge per month which will be added to all balances past due, which is an annual rate of eighteen percent (18%). In addition, an amount equal to twenty percent (20%) of the service price will be added to all outstanding principal balances which are more than thirty (30) days past due if, in the sole opinion of Seller, it is necessary to utilize the services of an attorney and incur related expense in the collection of the account and such additional amount shall be an obligation of Customer. In the event that Seller in its sole opinion shall decide it is necessary to file court action in order to collect any outstanding balance, then Customer shall be obligated to reimburse Seller for all attorney's fees and court costs.

**10. Default.** The following specific conduct shall be considered a default under these Terms and Conditions:

1. Failure to pay when due any amounts pursuant to any of the agreements between Seller and Customer.
2. The filing of a bankruptcy proceeding by or against Customer or attachment or garnishment proceedings commenced against Customer which is not dismissed within thirty (30) days after the date of filing.
3. Any breach of the terms of these Terms and Conditions or any other agreements between Seller and Customer, other than as set for the in subsection 1 or 2 of this Section 8 and such default continues for twenty (20) days after written notice thereof by the party not in breach, such continuing breach shall constitute a default by the breaching party.

Upon an event of default by Customer pursuant to subsection 1 or 2 of this paragraph, or if the financial responsibility of Customer shall become impaired or shall be deemed unsatisfactory by Seller for any reason, or if Customer shall default under any of its agreements between Seller and Customer, then in such case (i) upon demand by Seller, Customer shall provide satisfactory security or advance cash payment and performance of Services or delivery of Products may be withheld by Seller until such security or payment is received; (ii) Seller may declare all of Customer's outstanding indebtedness to Seller immediately due and payable; and/or (iii) Seller shall have the option to immediately withhold deliveries and suspend performance and to resume deliveries and performance when it deems appropriate or declare the transaction between Seller and Customer void and, upon such an event, Seller shall have no further duties or obligations to Customer whatsoever and will retain all amounts paid by Customer. Acceptance by Seller at any time of less than the full amount due Seller shall not be deemed to constitute a waiver of any of Seller's rights hereunder. Seller's rights under this Section of the Terms and Conditions are in addition to all rights available at law or in equity to Seller.

In the event of an uncured default by either party, pursuant to section 3 of this paragraph, the non-defaulting party shall have the right to declare the remaining term of the relationship between Seller and Customer void

**11. Taxes.** In addition to any price specified herein, Customer shall pay, or reimburse Seller for the gross amount of any and all taxes that are associated with this transaction unless Customer has furnished Seller with evidence of exemption acceptable to the taxing authorities in advance of this transaction.

**12. Governing Law.** These Terms and Conditions shall be construed and enforced in accordance with the laws of the State of Texas, exclusive of the Texas conflict of law rules. Any actions, claims or suits (whether in law or equity) arising out of or relating to these Terms and Conditions, or the alleged breach thereof, shall be brought only in courts located in Dallas County, Texas and Customer hereby waives its rights, if any, to bring such actions, claims or suits in any other courts. The parties hereby submit themselves to the jurisdiction of the courts located in Dallas County, Texas for the enforcement of this provision and for the enforcement of any judgment rendered by such courts. If any action, claim or suit is brought by Seller against Customer hereunder, Customer agrees to and does hereby irrevocably appoint the Texas Secretary of State as Customer's agent for the acceptance of service of process therein, and a copy of such process shall be mailed by Seller to Customer at Customer's last known address.

**13. Nonassignability.** This Terms and Conditions and its terms shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns except that neither these Terms and Conditions nor any interest or obligation hereunder shall be assignable or transferable by Customer, in whole or in part, without the prior written consent of Seller

**14. Severability.** If any provision or paragraph of these Terms and Conditions is determined to be illegal or unenforceable, it shall not affect the enforceability of any other provision or paragraph of these Terms and Conditions and the Terms and Conditions shall be construed in all respects as if such invalid or unenforceable provisions were omitted.

**15. Holiday Scheduling.** Seller recognizes nine (9) holiday events each year ("Holidays") and there shall be no scheduled maintenance performed by Seller on Holidays. Accordingly, scheduled maintenance rates and availability during Holidays are subject to adjustment. Seller will notify Customer in advance of any conflicts between Seller's Holiday schedule and Customer's scheduled maintenance, and such scheduled maintenance shall be rescheduled at a time mutually agreeable to Seller and Customer. Holiday restrictions are not applicable to emergency call-out service, but rates may be adjusted.

**16. Holiday Scheduling.** Any notice, writing or other communication required or permitted to be given under the terms of these Terms and Conditions shall be in writing and sent to the addresses of Seller and/or Customer set forth in the agreement(s) between Seller and Customer by one or more of the following



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methods: (a) by personal hand delivery; (b) by certified or registered mail in the United States mail, postage prepaid, return receipt requested; or (c) by a recognized overnight express mail service. If mailed by U. S. Mail, the notice period shall be deemed to begin two (2) days following the date on which that notice is mailed.

**17. General Provisions.**

- a. Unless otherwise specified by Seller, any quotation or proposal of Seller shall expire thirty (30) days from the date of issuance and may be modified or withdrawn at any time prior to the date of Customer's formal written acceptance.
- b. Seller reserves the right to subcontract any of the work to one or more subcontractors.
- c. For sales of Products (equipment/parts/materials) with installation, Seller shall retain the right to bill for Products separately from labor if installation is delayed by Customer
- d. Any information, suggestions or ideas transmitted by Customer to Seller in connection with performance hereunder are not to be regarded as secret or submitted in confidence except as may be otherwise provided in a writing signed by a duly authorized agent of Seller.
- e. The sale of any Service and Products ordered by the Customer which are not included within the scope of Seller's Proposal or other agreements with Customer is expressly conditioned upon these Terms and Conditions. Terms and conditions included in the Seller's Proposal, where not in conflict with the terms included herein, shall be incorporated by reference. Any additional or different terms and conditions set forth in the Customer's purchase order or similar communication are expressly objected to and will not be binding upon Seller unless specifically agreed to in writing by an authorized agent of Seller
- f. The parties to these Terms and Conditions specifically agree that in the event that any provision of these Terms and Conditions is found, by a court of competent jurisdiction, to be unenforceable under Texas law, such provision(s) shall be waived, to the full extent permitted by law, without invalidating the remaining provisions of the Terms and Conditions.
- g. All subheadings as used herein shall be descriptive only and shall not have any substantive meaning whatsoever.
- h. To the extent that any provisions of these Terms and Conditions conflict with or are inconsistent with the terms as stated in the body of the Proposal attached hereto, then the terms of the Proposal shall prevail.
- i. The parties hereto covenant and warrant that the persons executing the any agreement between Seller and Customer have been duly authorized to execute said agreement, and the agreement and these Terms and Conditions constitute a valid and legally binding obligation of the parties hereto

-END OF TERMS AND CONDITIONS-



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**CHANGE ORDER REQUEST**

September 11, 2024

Wayne Crouse Inc  
3370 Stafford Street  
Pittsburgh, PA 15204

Attn: Eric Brickett and Fred Vogt

**RE: ADDITIONAL GRATING AND OPERATOR ACCESS WALKWAY AT HEADWORKS****Option 1:**

Please issue a lump sum change order in the amount of **\$8,950.00** (Eight thousand nine hundred fifty dollars) including 6% PA sales tax to be added to our original contract for the following:

**Furnish and Install**

- New 2" Deep Aluminum Grating (19SGI4) at Headworks Screen Area
- Replaces 2 pieces along South Wall and About 27 linear feet at Screen Channel
- Approximately 155 square feet of Grating

**Option 2:**

Please issue a lump sum change order in the amount of **\$9,700.00** (Nine thousand seven hundred dollars) including 6% PA sales tax to be added to our original contract for the following:

**Furnish and Install**

- New 1-1/2" Deep Aluminum Grating Walkway and Aluminum Support Framing
- Walkway Over Existing PVC piping to Equipment
- Approximately 30 square feet

**NOTE:** Written Authorization is Required to Release the Above.

Cordially,

MultiMetal Inc.

*Eric P Hohman*

---

Eric P Hohman



5173 CAMPBELLS RUN ROAD  
PITTSBURGH, PA 15205  
412.494.0510 EXT 128  
FAX 412.494.0426  
mmccaffrey@klhengineers.com

MICHAEL T. MCCAFFREY  
ELECTRICAL PROJECT MANAGER,  
E.I.T.  
REF. NO.: 273-171

## MEMORANDUM

TO: Clairton Municipal Authority  
1 N State Street  
Clairton, PA 15025  
attn: Ryan Potts– Superintendent

DATE: 09/08/2024

SUBJECT: Generator Sizing and Pricing Information for the WWTP Backup  
Emergency Power Options

COURTESY COPY: N/A

KLH DISTRIBUTION: Joe Gianvito

---

### **Generator Sizing and Pricing Information for the WWTP**

KLH Engineers, Inc. has completed the evaluation of electrical upgrades, alternatives, and pricing for the Clairton Municipal Authority (CMA) back-up power and generator installation at the WWTP. As previously discussed, KLH Engineers investigated the existing site conditions and power distribution equipment to gather information regarding possible options for generator installations for the WWTP. This memorandum will show all those options and provide recommendations for upgrading the electrical components for emergency power and back-up generator installation at the CMA WWTP.

#### ***Existing System Drawings, Electrical Loading, and Generator Sizing Sheets***

During the initial kick-off discussion for the investigation, KLH and CMA discussed what equipment and electrical loads would be required for each option, which dictates how large each generator option needed to be. After the initial discussion, KLH made proposed site plans and updated single line drawings of the WWTP process and system in regards to the emergency generator installation options. KLH's previous experience with the process and system, along with input from CMA operations staff, was used in conjunction with the existing single line diagram drawings for the WWTP to determine which loads would be required for each option to accomplish the intended goal to back-up emergency buildings for their full electrical loads and essential or emergency loads only at the WWTP.

The proposed site plan and the existing single line drawings used for the generator sizing options are attached to this report. Option #1 consists of the full connected load for the main switch board in the existing main electrical room, and the MCCs located in the headworks building and pump station building. Option #2 consists of the full connected load for the main switch board and essential loads for an emergency scenario for the Pump Station and Headworks Building. The essential/emergency power scenario's equipment required was provided to KLH in consultation with CMA operations staff.

Each option had generators sized for the specific application based on the electrical loads and lists of each specific electrical load that was considered for each generator and option.

#### ***Automatic and Manual Transfer Switches***

Due to the existing setup at the WWTP regarding the Main Switch Board, MCCs, Distribution Panels, Distribution Transformers and other power distribution equipment. The only feasible way to install the



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MICHAEL T. MCCAFFREY  
ELECTRICAL PROJECT MANAGER,  
E.I.T.

required transfer switches for all options would be to install the transfer switches directly in line with each building's main service transformer as close to the generator locations as possible. As such, no matter which option is chosen, the automatic transfer switches rated at 5000A, 2,000A, and 800A are required to be installed. Two different types of transfer switches were evaluated for each size. The transfer switches that would be fully automatic would be used with permanent generators installed and manual transfer switches with camlock connections would be used with temporary/mobile rented generators that can be rented in case of emergency.

Main Electrical Building (MBR and Effluent)  
Automatic Transfer Switch (5,000A) material costs - **\$230,222.25**  
Manual Transfer Switch (5,000A) material costs - **\$260,000.00**

Main Pump Station Building  
Automatic Transfer Switch (2,000A) material costs - **\$56,997.00**  
Manual Transfer Switch (2,000A) material costs - **\$160,000.00**

Headworks Building  
Automatic Transfer Switch (800A) material costs - **\$21,625.50**  
Manual Transfer Switch (800A) material costs - **\$36,000.00**

***\*Note: Installation costs such as cables, conduits, duct banks, and concrete pads are accounted for below with each generator option.***

***Option #1 – Full Loads with permanent generators and automatic transfer switches***

The electrical loads in the Raw Sewage PS building, Main Electrical Room, and Headworks Building were accounted for under this option with all loads accounted for.

The loads selected under this option require two (2) 1,500KW generators loaded when all loads are running in the Main Electrical building. Additionally, the loads required for the Pump Station and Headworks Building respectively, require two (2) 800KW generators and a 500KW generator when operating at full load. The 1,500KW and 800KW generators are recommended to operate in parallel for a means of redundancy to the emergency power system.

The total estimated cost for all three (3) buildings regarding Option #1 is approximately **\$3,265,988.50**. This cost factors in the price of the transfer switches above, generators, and installation costs. A cost contribution breakdown for each building can be found below:

Main Electrical Building (MBR and Effluent)  
Two (2) - 1,500KW (diesel) - **\$1,100,300.00**  
Installation costs for equipment/conduit/wire/concrete - **\$764,257.50**  
Sub-total (w/ ATS cost included) - **\$2,094,779.75**

Main Pump Station Building  
Two (2) – 800KW (diesel) - **\$618,000.00**  
Installation costs for equipment/conduit/wire/concrete - **\$256,275.00**  
Sub-total (w/ ATS cost included) - **\$931,272.00**

Headworks Building  
One (1) – 500KW (diesel) - **\$127,200.00**  
Installation costs for equipment/conduit/wire/concrete - **\$91,111.25**



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ELECTRICAL PROJECT MANAGER,  
E.I.T.

Sub-total (w/ ATS cost included) - **\$239,936.75**

***\*Note: Installation costs account for equipment installation, cables, conduits, duct banks, and concrete pads for the proposed generator locations on the site plans.***

The options that require parallel or multiple engines are better suited for load shedding and redundancy but take up more physical space than the single engine units. KLH would recommend using the parallel system option if the physical space on-site is available.

***Option #2 - Emergency Loads with permanent generators and automatic transfer switches***

The electrical loads in the Raw Sewage PS building, Main Electrical Room, and Headworks Building were accounted for under this option with only the essential/emergency loads accounted for.

The loads selected under this option require two (2) 1,500KW generators when all loads are running in the Main Electrical building. Additionally, the loads required for the Pump Station and Headworks Building respectively, require one (1) 350KW generator and one (1) 150KW generator when operating at full load. The 1500KW generators shall operate in parallel.

The total estimated cost for Option #2 is approximately **\$2,560,988.50**. This cost factors in the price of the transfer switches above, generators, and installation costs. A cost contribution breakdown for each building can be found below:

Main Electrical Building (MBR and Effluent)

Two (2) - 1,500KW (diesel) - **\$1,100,300.00**

Installation costs for equipment/conduit/wire/concrete - **\$764,257.50**

Sub-total (w/ ATS cost included) - **\$2,094,779.75**

Main Pump Station Building

One (1) - 350KW (diesel) - **\$127,200**

Installation costs for equipment/conduit/wire/concrete - **\$133,575.00**

Sub-total (w/ ATS cost included) - **\$317,772.00**

Headworks Building

One (1) - 150KW (diesel) - **\$54,000.00**

Installation costs for equipment/conduit/wire/concrete - **\$72,811.25**

Sub-total (w/ ATS cost included) - **\$148,436.75**

***\*Note: Installation costs account for equipment installation, cables, conduits, duct banks, and concrete pads for the proposed generator locations on the site plans.***

The options that require parallel or multiple engines are better suited for load shedding and redundancy but take up more physical space than the single engine units. KLH would recommend using the parallel system option if the physical space on-site is available

***Option #3 - Manual transfer switches for rental/portable generators***

The electrical loads in this scenario would be matched to the rental generators units procured as CMA could decide on larger generators for the full load option or the reduced load emergency only option. This option would still require the fully rated transfer switches to intercept the main power for each building but manual switches with camlock connections would be used in lieu of the automatic switch units.



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E.I.T.

The total estimated cost for Option #3 is approximately **\$1,155,118.75**. This cost factors in the price of the transfer switches above and installation costs. A cost contribution breakdown for each building can be found below:

Main Electrical Building (MBR and Effluent)

5,000A Manual Transfer Switch cost - **\$260,000.00**

Installation costs for equipment/conduit/wire/concrete - **\$510,082.50**

Sub-total - **\$770,082.50**

Main Pump Station Building

2,000A Manual Transfer Switch cost - **\$160,000.00**

Installation costs for equipment/conduit/wire/concrete - **\$126,025.00**

Sub-total - **\$286,025.00**

Headworks Building

800A Manual Transfer Switch cost - **\$36,000.00**

Installation costs for equipment/conduit/wire/concrete - **\$63,011.25**

Sub-total - **\$99,011.25**

#### ***KLH Recommendations and Summary***

In evaluating the available options, the most cost effective option would be to install the manual transfer switches for use with rented/portable generators. However, we must also evaluate and consider the readiness or availability of such large temporary generators. For the largest units at the Main Electrical Building, we would require two (2) 1,500KW generators. KLH recently assisted The Authority of the Borough of Charleroi rent one (1) unit of similar size at 1,500KW and that generator had a lead time of 10 days at a cost of \$15,000 for a two week rental. These rental generator led times and costs would vary greatly from week to week factoring in availability and length of the rental. Due to the long lead time of such rental units, and if the funds are available based upon a quote at the appropriate time they are required, KLH would recommend Option #2 to install permanent generators and transfer switches for the emergency only electrical loads.

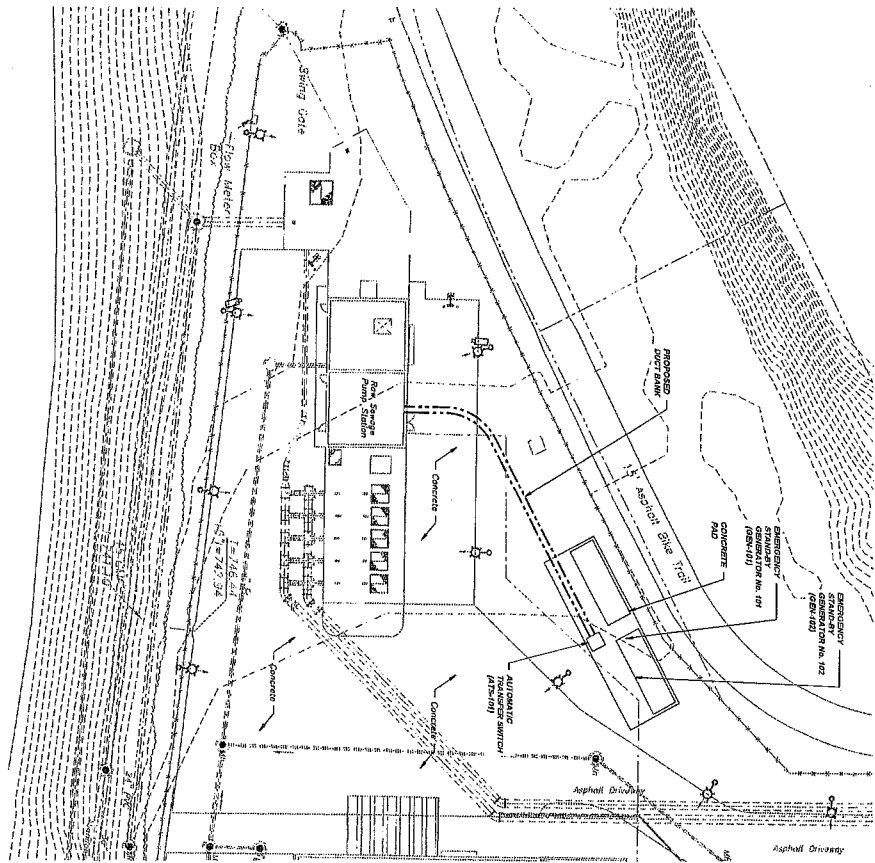
KLH evaluated using medium voltage equipment to solve the emergency power situation working with Eaton and Generac to consider the options and generate a relative cost. However, the costs for the medium voltage power distribution equipment and the medium voltage generator was \$307,750.00 and \$732,700.00 respectively. Additional equipment such as a medium voltage transfer switch and installation costs would also be required for a medium voltage option. The cost for the medium voltage generator was only for a 2,000KW option since Generac would have to custom design and build a unit larger than that and could not provide costs on larger units. For reference, the Clairton WWTP currently deploys 5,750KW of power through their medium voltage transformers for the buildings included in this evaluation. Other factors such as feasibility of installation of medium voltage equipment would also need considered since the entire Clairton WWTP facility would be without power to install medium voltage equipment. Due to the above mentioned, KLH believes the medium voltage option would be a cost prohibitive and infeasible option.

KLH will also need to discuss power interruption issues to install the 480V emergency backup power equipment due to the length of the work required at each building being estimated at approximately 2 weeks.

**End of Memorandum**

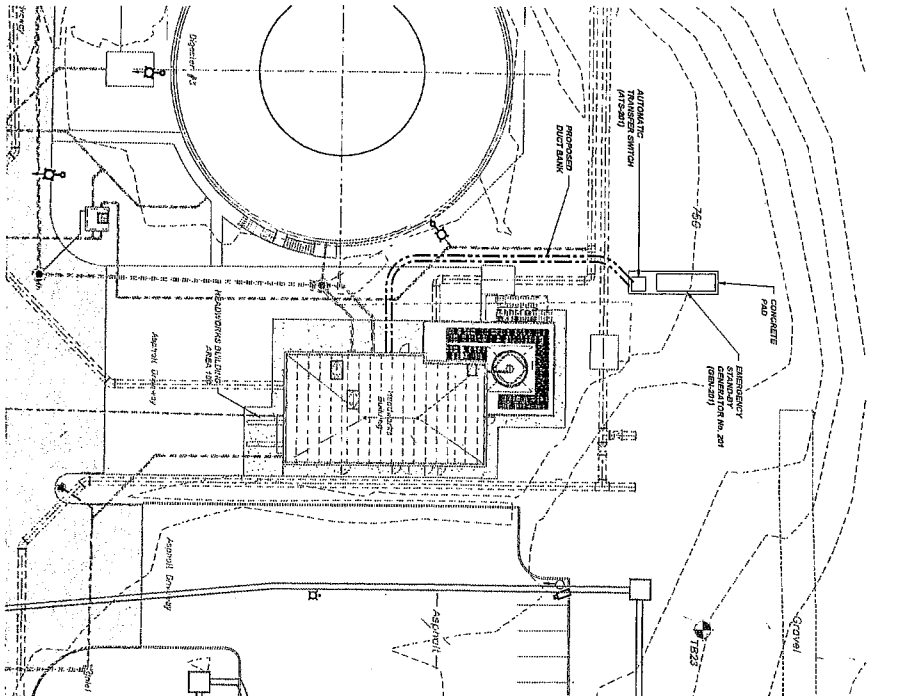
**PUMP STATION PROPOSED  
GENERATOR SITE PLAN EC1-A**

SCALE: 1" = 20'

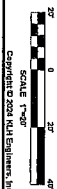


**HEADWORKS BUILDING  
PROPOSED GENERATOR SITE  
PLAN EC1-B**

SCALE: 1" = 20'



NOTES:  
ITEMS IDENTIFIED WITH LARGER CASE TEXT ARE PROPOSED.  
Items identified with smaller case text are existing.



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Date: September 2024  
Drawn By: KAK  
Designed By: MTM  
Checked By: MTM  
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273-171

EC1

1 of 12

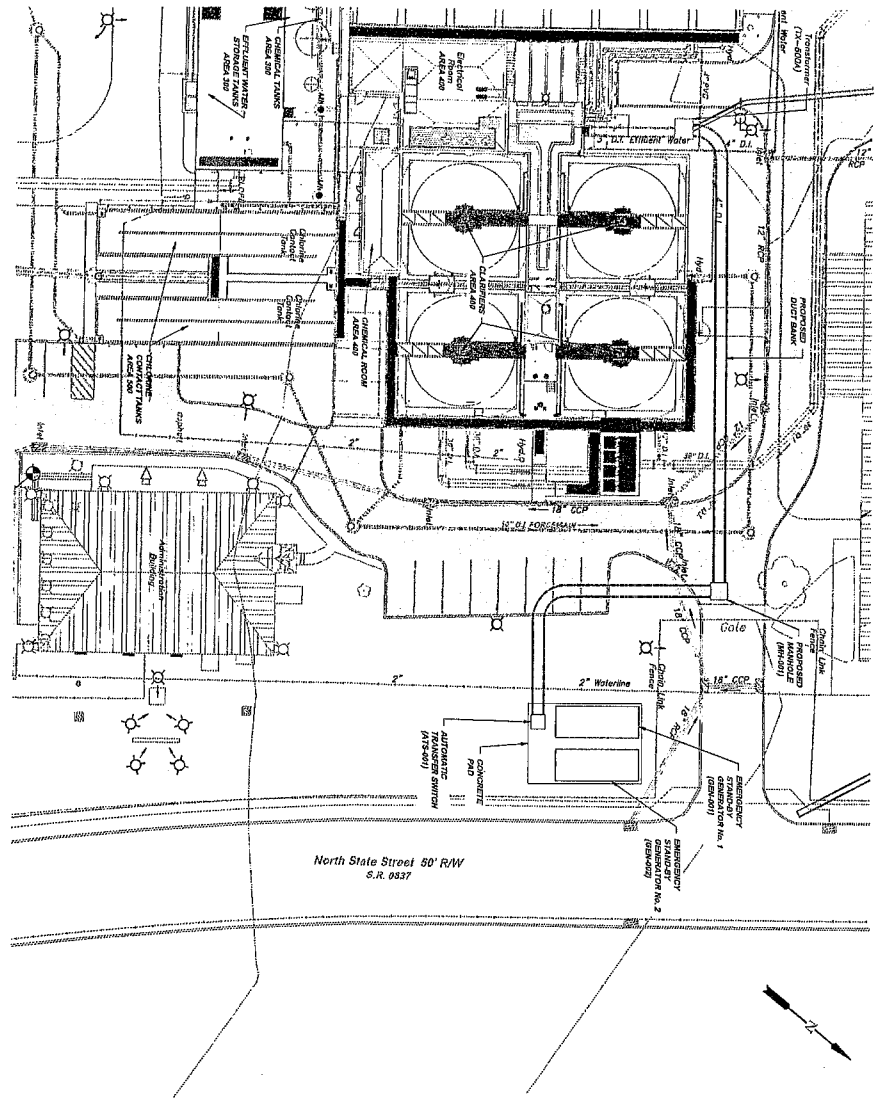
**CLAIRTON MUNICIPAL AUTHORITY  
ALLEGHENY COUNTY, PENNSYLVANIA  
GENERATOR EVALUATION  
FULL LOAD / EMERGENCY ONLY LOAD OPTIONS  
PROPOSED ELECTRICAL SITE PLAN**

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Date	Issued For	Date	Revisions

**MAIN ELECTRICAL ROOM / MBR  
BUILDING PROPOSED  
GENERATOR SITE PLAN EC2A**  
SCALE: 1" = 30'



NOTES:  
1. THIS DRAWING WITH UPPER CASE TEXT ARE NON-CODE  
FROM BARRIERS WITH LOWER CASE TEXT ARE SAVING.

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Date:	September 2024
Drawn By:	KAK
Designed By:	MTA
Checked By:	MTA
Approved By:	JMG

**CLAIRTON MUNICIPAL AUTHORITY  
ALLEGHENY COUNTY, PENNSYLVANIA  
GENERATOR EVALUATION  
FULL LOAD / EMERGENCY ONLY LOAD OPTIONS  
PROPOSED ELECTRICAL SITE PLAN**

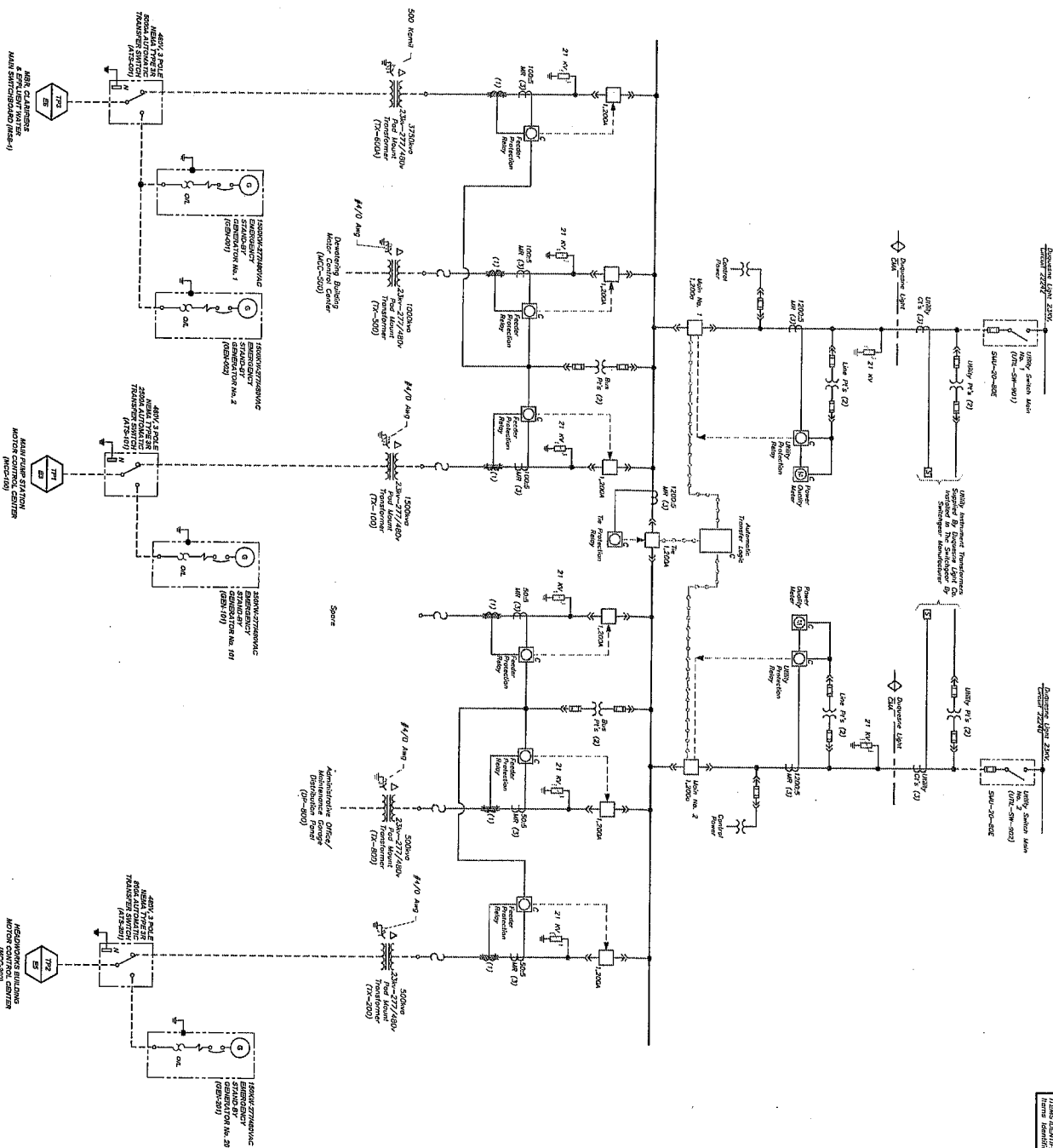
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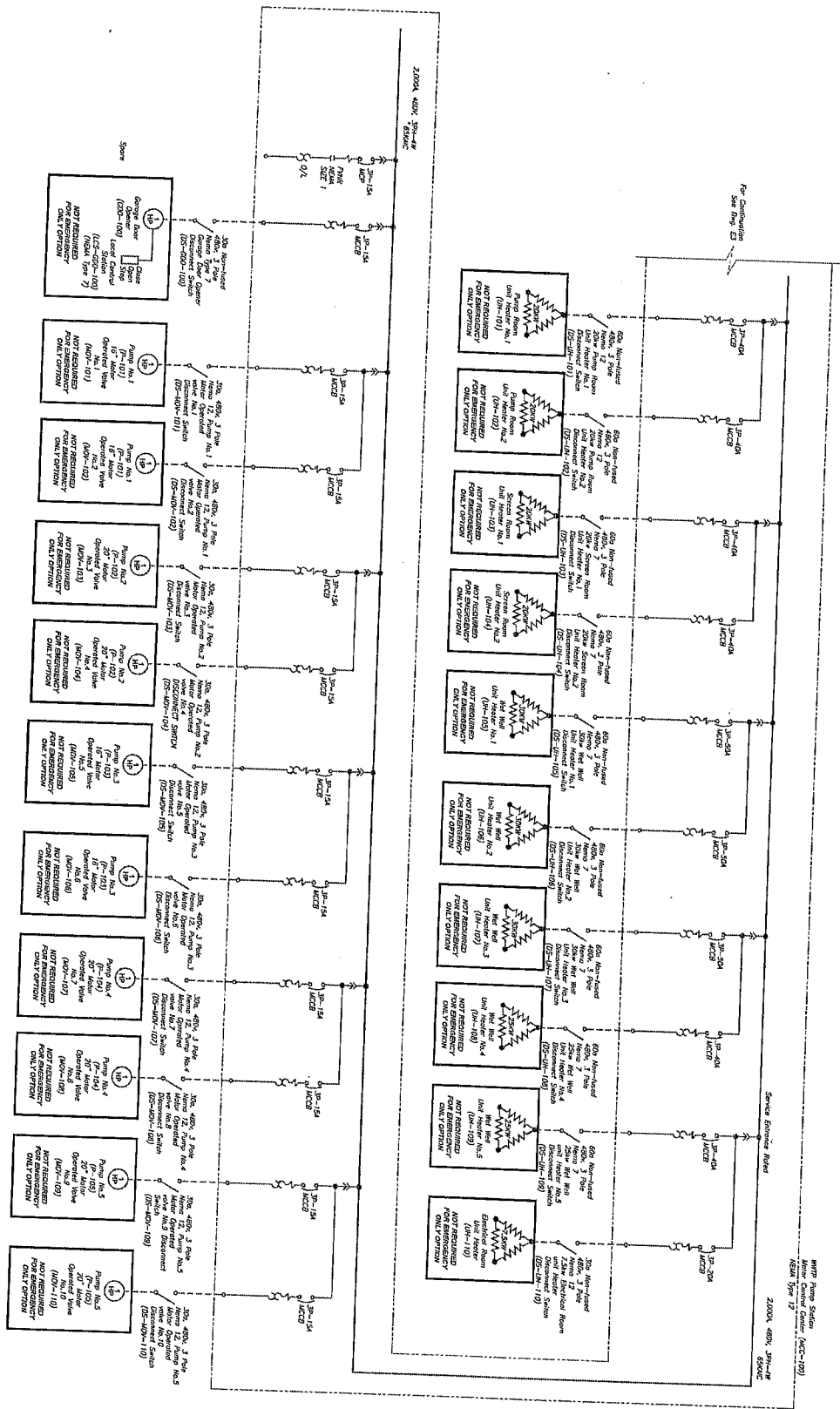


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KLH  
ENGINEERS, INC.

Order No. <b>273-171</b> Drawing No. <b>E2</b>	Date:	September 2024
	Drawn By:	KAK
	Designed By:	MTM
	Checked By:	MTM
	Approved By:	JMG



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