



January 11, 2023

Mr. Nicholas Dezelan, CHMM, ASP
City of Greenfield
10 South State Street
Greenfield, IN 46140

**RE: Greenfield Wastewater Treatment Plant Improvements
Partial Payment Application (PPA) No. 2**

Dear Mr. Dezelan:

Attached, please find the Contractor's Application for Partial Payment for the Wastewater Treatment Plant Improvements project for work performed by F.A. Wilhelm Construction, Inc. (F.A. Wilhelm).

Commonwealth Engineers, Inc. (Commonwealth) has reviewed the Contractor's Application for Payment and finds it to be complete and accurate. Therefore, Commonwealth recommends payment to F.A. Wilhelm as follows:

- **F.A. Wilhelm Construction, Inc. PPA No. 2: \$5,321,718.55**

Commonwealth recommends payment to the project retainage account as follows:

- **Retainage, PPA No. 2: \$280,090.45**

This represents a total payment for Application No. 2 of **\$5,601,809.00**

For reference purposes, the current record of recommended payments (including this recommendation) is as follows:

Greenfield Wastewater Treatment Plant Improvements			
Partial Payment No.	Payment to Contractor	Retainage Withheld	Total
PPA 1 (11/2022)	\$3,709,750.00	\$195,250.00	\$3,905,000.00
PPA 2 (01/2023)	\$5,321,718.55	\$280,090.45	\$5,601,809.00
Total	\$9,031,468.55	\$475,340.45	\$9,506,809.00
Project completion for this Division of work based on monetary value:			13.58%
Project completion for this Division of work based on time:			15.05%

Mr. Nicholas Dezelan
January 11, 2023
Page 2 of 2

If you have any questions, comments, or concerns, please do not hesitate to contact us.

Sincerely,

COMMONWEALTH ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Meghan R.", with a horizontal line extending to the right.

Meghan Pintozzi, E.I.

MP/mmd

Enclosures: Partial Pay Application No. 2

CC: Lori Elmore, Clerk-Treasurer

Contractor's Application for Payment

Owner:	City of Greenfield	Owner's Project No.:	
Engineer:	Commonwealth Engineers, Inc.	Engineer's Project No.:	
Contractor:	F.A. Wilhelm Construction, Inc.	Contractor's Project No.:	10802
Project:	Greenfield Wastewater Treatment Plant Improvements Project		
Contract:			

Application No.: 02 Application Date: 1/2/2023
 Application Period: From 11/1/2022 to 12/31/2022

1. Original Contract Price	\$	70,035,000.00
2. Net change by Change Orders	\$	(48,470.00)
3. Current Contract Price (Line 1 + Line 2)	\$	69,986,530.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$	9,506,809.00
5. Retainage		
a. <u>5%</u> X \$ <u>9,506,809.00</u> Work Completed	\$	475,340.45
b. <u>5%</u> X \$ <u>-</u> Stored Materials	\$	-
c. Total Retainage (Line 5.a + Line 5.b)	\$	475,340.45
6. Amount eligible to date (Line 4 - Line 5.c)	\$	9,031,468.55
7. Less previous payments (Line 6 from prior application)	\$	3,709,750.00
8. Amount due this application	\$	5,321,718.55
9. Balance to finish, including retainage (Line 3 - Line 4)	\$	60,479,721.00

Contractor's Certification
 The undersigned Contractor certifies, to the best of its knowledge, the following:
 (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment; (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective; (4) all items and amounts on the face of this Contractor's Application for Payment are correct; (5) all Work has been performed and/or material supplied in full accordance with the requirements of the referenced Contract, and/or duly authorized deviations, substitutions, alterations, and/or additions; (6) the foregoing is a true and correct statement of the Contract account up to and including the last day of the period covered by this Periodic Estimate, (7) no part of the "Balance Due This Payment" has been received, and (8) the undersigned and his subcontractors have - (check applicable line):

a. Complied with all labor provisions of said Contract.
 b. Complied with all labor provisions of said Contract except in those instances where an honest dispute exists with respect to said labor provisions (if (b) is checked, describe briefly nature of dispute on an attached sheet).

Contractor: F.A. Wilhelm
 Signature: [Signature] Date: 1/2/2023

Recommended by Engineer	Approved by Owner
By: <u>[Signature]</u>	By: <u>[Signature]</u>
Title: <u>E. I.</u>	Title: <u>Wastewater Utility Manager</u>
Date: <u>01/11/2023</u>	Date: <u>1/20/2023</u>

Approved by Funding Agency

By: _____ Title: _____ Date: _____

By: _____ Title: _____ Date: _____

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Greenfield
 Engineer: Commonwealth Engineers, Inc.
 Contractor: F.A. Wilhelm Construction, Inc.
 Project: Greenfield Wastewater Treatment Plant Improvement Project
 Contract: 18002

Owner's Project No.:
 Engineer's Project No.:
 Contractor's Project No.:

Item No.	Description	Application Period: From		C	11/01/22		E	12/31/22		G	H	I
		Application Period:	From		To	Application Date:		To	Application Date:			
				Scheduled Value (\$)	(D + E) From Previous Application (\$)	Work Completed This Period (\$)	F	Materials Currently Stored (not in D or E) (\$)	(D + E + F)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)	
000010	Mobilization			3,500,000.00	3,500,000.00				3,500,000.00	100%		
000020	Utility Allowance			150,000.00						0%	150,000.00	
020000	Demolition of Existing Facility			913,500.00						0%	913,500.00	
030000	SBR - Base Mat			6,840,000.00		4,742,857.00			4,742,857.00	71%	1,897,143.00	
030010	SBR - Walls			7,270,000.00		234,516.00			234,516.00	3%	7,035,484.00	
030020	SBR - Elevated Walkways			450,000.00						0%	450,000.00	
030030	SBR - Elevated SBR Slab			300,000.00						0%	300,000.00	
030040	PS - Basemats			495,000.00						0%	495,000.00	
030050	PS - Walls			950,000.00						0%	950,000.00	
030060	PS - Elevated Deck			410,000.00						0%	410,000.00	
030070	PS - Vac Truck Pad			40,000.00						0%	40,000.00	
030080	Headworks - Basemats			459,000.00						0%	459,000.00	
030090	Headworks - Walls			622,000.00						0%	622,000.00	
030100	UV - Basemat			300,000.00						0%	300,000.00	
030110	UV - Walls			225,000.00						0%	225,000.00	
030120	Sludge - Basemat			230,000.00						0%	230,000.00	
030130	Sludge - Walls			100,000.00						0%	100,000.00	
030140	Admin - Basemat			175,000.00						0%	175,000.00	
040150	Masonry - (To be Subdivided Further)			1,030,000.00						0%	1,030,000.00	
050160	Div. 05 - Metals and FRP - (To be Subdivided Further)			1,690,000.00						0%	1,690,000.00	
050170	Wood, Plastic Composites - (To be Subdivided Further)			575,000.00						0%	575,000.00	
070180	Thermal and Moisture Protection - (To be Subdivided Further)			750,000.00						0%	750,000.00	
080190	Openings - Doors and Windows - (To be Subdivided Further)			400,000.00						0%	400,000.00	
080200	Openings - OH Doors			120,000.00						0%	120,000.00	
090210	Finishes - Flooring - (To be Subdivided Further)			115,000.00						0%	115,000.00	
090220	Finishes - Coatings - (To be Subdivided Further)			600,000.00						0%	600,000.00	
090010	Finishes - Drywall/Framing - (To be Subdivided Further)			400,000.00						0%	400,000.00	
100010	Specialties			50,000.00						0%	50,000.00	
120010	Furnishings			70,000.00						0%	70,000.00	
140010	Conveying Equipment			180,000.00						0%	180,000.00	
220010	Div. 22 - Plumbing - (To be Subdivided Further)			738,000.00						0%	738,000.00	
230010	Div. 23 - HVAC - (To be Subdivided Further)			870,000.00						0%	870,000.00	
250010	Controls			1,075,000.00						0%	1,075,000.00	
260000	Electrical Site Work			1,766,000.00		76,046.00			76,046.00	4%	1,689,954.00	
260010	Electrical Pump Station			454,000.00						0%	454,000.00	
260020	Electrical Headworks			743,000.00						0%	743,000.00	
260030	Electrical SBR Tank			956,500.00						15%	811,500.00	
260040	Electrical NPW			242,000.00						0%	242,000.00	
260050	Electrical Blower / Effluent Flow Meter			208,000.00						0%	208,000.00	
260060	Electrical Sludge Dewatering			583,000.00						0%	583,000.00	
260070	Electrical Septage			18,000.00						9%	18,000.00	
260080	Electrical Lab / Office			433,000.00						0%	433,000.00	
260090	Electrical Building			423,000.00						0%	423,000.00	
260100	Electrical Existing Equ. Modifications			9,000.00						0%	9,000.00	
260110	Electrical Generator			606,225.00					606,225.00	10%	545,375.00	
260120	Electrical Heat Trace			30,000.00					4,535.00	15%	25,465.00	

[Signature]
 ERIC E. THOMAS 1/9/23

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Greenfield
 Engineer: Commonwealth Engineers, Inc.
 Contractor: F.A. Wilhelm Construction, Inc.
 Project: Greenfield Wastewater Treatment Plant Improvement Project
 Contract:

Owner's Project No.:
 Engineer's Project No.:
 Contractor's Project No.:

10802

Application No. 02		Application Period: From 11/01/22 to 12/31/22		Application Date: 01/02/23				
A	B	C	D	E	F	G	H	I
Item No.	Description	Scheduled Value (\$)	(D+E) From Previous Application (\$)	Work Completed This Period (\$)	Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to Date (D+E+F) (\$)	% of Scheduled Value (G / I)	Balance to Finish (I - G) (\$)
260130	Electrical Fire Alarm	27,000.00					0%	27,000.00
260140	Electrical Gear Package	540,000.00					0%	540,000.00
260150	Electrical Lights	192,000.00		28,800.00		28,800.00	15%	163,200.00
260160	Electrical ATS	128,000.00					0%	128,000.00
260170	Electrical Lighting Protection	23,000.00		3,900.00		3,900.00	17%	19,100.00
310000	Div. 31 - Site Work (To be Subdivided Further)	3,611,000.00					0%	3,611,000.00
310010	SBR Tank Prep Subgrade	450,000.00					100%	-
310020	PS - ERS Precut	110,000.00	405,000.00			450,000.00	0%	110,000.00
310030	PS - Earth Retention and Excavation	1,877,000.00					0%	1,877,000.00
310040	PS - Backfill	160,000.00					0%	160,000.00
310050	Tree Clearing	60,000.00					100%	-
310060	SBR Turndown Excavation	50,000.00		60,000.00		60,000.00	0%	1,937,000.00
310070	Stormwater Detention - Tank A	50,000.00		50,000.00		50,000.00	100%	-
310080	Stormwater Detention - Tank B	1,500,000.00					0%	1,500,000.00
320000	Asphalt Subgrade	130,000.00					0%	130,000.00
320010	Asphalt Paving - Site	120,000.00					0%	120,000.00
320020	MA-A6 Topcoat Entrance Drive	492,000.00					0%	492,000.00
320030	Seeding and Restoration	54,000.00					0%	54,000.00
320040	Site Fencing	50,000.00					0%	50,000.00
320050	MA-A5 - Cemetery Fence	140,000.00					0%	140,000.00
330000	LUG Utilities - (To be Subdivided Further)	168,000.00					0%	168,000.00
400000	Div. 40 - Process Piping - (To be Subdivided Further)	5,410,000.00					0%	5,410,000.00
400010	PRV Valve Installation	6,100,000.00					0%	6,100,000.00
460010	PRV Valve Installation	180,000.00		144,000.00		144,000.00	80%	36,000.00
460020	Div. 46 - W/WWW Equipment - (To be Subdivided Further)	10,100,000.00					0%	10,100,000.00
Original Contract Totals		\$ 70,035,000.00	\$ 3,905,000.00	\$ 5,650,279.00	\$	\$ 9,555,279.00	14%	\$ 60,479,721.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	City of Greenfield	Owner's Project No.:	
Engineer:	Commonwealth Engineers, Inc.	Engineer's Project No.:	
Contractor:	F.A. Wilhelm Construction, Inc.	Contractor's Project No.:	10902
Project:	Greenfield Wastewater Treatment Plant Improvement Project		
Contract:			

Application No.:	02	Application Period:	From 11/01/22 to 12/31/22	Application Date:	01/02/23
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Item No.	Description	Work Completed		Materials Currently Stored (not in D or E) (\$)	Work Completed and Materials Stored to Date (D + E + F) (\$)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) (\$)
		(D + E) From Previous Application (\$)	This Period (\$)				
	Change Order #1 - Engineering Services	(48,470.00)	(48,470.00)		(48,470.00)	100%	

Change Order Totals \$	(48,470.00) \$	- \$	(48,470.00) \$	(48,470.00) \$	(48,470.00) \$	100%	
Project Totals \$	69,986,530.00 \$	3,905,000.00 \$	5,601,809.00 \$	9,506,809.00 \$	60,479,721.00	1.6%	

Contractor's Application for Payment

Owner:	City of Greenfield	Owner's Project No.:	
Engineer:	Commonwealth Engineers, Inc.	Engineer's Project No.:	
Contractor:	F.A. Wilhelm Construction, Inc.	Contractor's Project No.:	10802
Project:	Greenfield Wastewater Treatment Plant Improvements Project		
Contract:			
Application No.:	02	Application Period: From	11/01/22 to 12/31/22
		Application Date:	01/02/23

1.	Total Value of Original Contract Work Completed This Estimate Period:	\$	\$9,506,809.00
2.	Total Value of Change Order Work Completed This Estimate Period:	\$	
3.	Total Net Contract Work Completed This Estimate Period:	\$	\$9,506,809.00
4.	Total Value of Stored Materials From <u>PREVIOUS</u> Pay Estimate:	\$	\$0.00
5.	Total Value of Stored Materials For <u>THIS</u> Pay Estimate Period:	\$	\$0.00
6.	Net Increase/Decrease For Stored Materials on This Pay Estimate:	\$	\$0.00
7.	Total Value of ALL Work Completed & Stored Material This Estimate Period (Line 3 + Line 6):	\$	\$9,506,809.00
8.	Total Value of Retainage (ESCROW) Payment This Estimate Period @ 5%:	\$	\$475,340.45
9.	Total Amount Due to Contractor This Estimate Period:	\$	\$9,031,468.55

F. A. WILHELM CONSTRUCTION CO., INC.

CONTRACTOR'S AFFIDAVIT AND WAIVER OF LIEN
PARTIAL (X) FINAL ()

We, the undersigned, having been employed by City of Greenfield to furnish labor and materials to do construction work on the premises known as Greenfield Wastewater Treatment Plant Improvements hereby warrant that the premises of the above named job cannot be made subject to any valid lien by anyone who furnished material, supplies, labor or services to the undersigned for use in the above named project for any labor, materials or supplies furnished or services performed through 12/31/2022 to the extent that the undersigned has been paid as set forth herein.

This waiver is given in order to induce payment in the amount of \$5,321,718.55 and upon receipt of the amount due by the undersigned, this waiver as to the amount due becomes valid, enforceable and of full effect. Upon attachment of the canceled check and the legal description of the project, this waiver may be recorded by the Owner or mortgage holder(s) of the project.

This Contractor's Affidavit and Waiver of Lien only applies to the extent paid, and does not apply to or cover retention, unresolved claims or unresolved changes, change orders or change requests.

Given under our hand and seal this 9th day of January 2023

F.A. WILHELM CONSTRUCTION CO., INC.




Signature of Authorized Representative

Controller
Title of Authorized Representative

STATE OF: Indiana)

COUNTY OF: Marion)

Given under our hand and seal this 9th day of January 2023


(Notary Public)


My Commission Expires: 2-24-30
County of Residence: Morgan