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## MEMORANDUM

**Date:** December 2, 2019  
**To:** Bob Van Moer, Wastewater Treatment Superintendent  
**From:** Jon D. Peterson, P.E., Project Engineer *JDP*  
**Subject:** Wastewater Treatment Facility Improvements – Magney Construction Inc.  
Pay Request No. 5  
City of Marshall, Minnesota  
Project No.: T22.115360

### INTRODUCTION

Pay Request No. 5 for the above-referenced project in the amount of \$641,133.15 is being submitted for approval.

### DISCUSSION

This pay application covers work completed on the project through November 21, 2019. The Contractor has continued placement of rebar and concrete for the sludge tank walls. This pay application also includes payment for process piping material which has been delivered to the site pending installation. We recommend approval of the attached Request for Payment No.5.

### BUDGET IMPACT

This expenditure is part of the overall wastewater treatment facility improvements project and will be covered by the PFA loan proceeds.

### ACTION REQUESTED

Approve the attached pay request from Magney Construction Inc. in the total amount of \$641,133.15.

Application for Payment No. 5

To: The City of Marshall, MN  
From: Magney Construction, Inc., 1401 Park Road, Chanhassen, MN 55317  
Contract: \_\_\_\_\_  
Project: Wastewater Treatment Facility Improvements

Owners Contract No. \_\_\_\_\_ Engineer's Project No. T22.115360  
Date of this Invoice: 11/21/2019  
Invoice Work Period: Nov 1-30, 2019

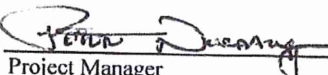
1) Original Contract amount	\$14,074,300.00
2) Change Orders to date	\$0.00
3) Revised Contract amount	\$14,074,300.00
4) Value completed to date	\$3,762,027.42
5) Materials stored on site	\$46,877.00
6) Total Earned to date	\$3,808,904.42
7) Amount retained	\$190,445.22
8) Amount previously paid	\$2,977,326.05
<b>Amount due this Payment</b>	<b>\$641,133.15</b>

Accompanying Documentation:

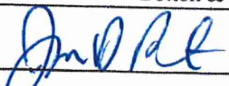
CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title of all work, materials and equipment incorporated in said Work 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 interest or encumbrance (except such as are recovered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance by the Contract Documents and not defective.

Magney Construction, Inc. (Contractor)

By:   
Project Manager

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Owner: City of Marshall Engineer: Bolton & Menk  
By: \_\_\_\_\_ By:   
Date: \_\_\_\_\_ Date: 12-2-19

Contractor: Magney Construction, Inc.  
 Owner: City of Marshall, MN  
 Project: Wastewater Treatment Facility Improvements  
 BMI Project No. T22.115360

APPLICATION FOR PAYMENT SCHEDULE

Date of Application:  
 Work Completed Through:

Spec. Section	Pay Application #5 Description of Work	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
0520	Bond & Insurance	\$ 168,892	168,892.00	0.00	0.00	168,892.00	100%	0.00
1000	Mobilization	\$ 696,545	545,926.00	0.00	0.00	545,926.00	78%	150,619.00
1010	Supervision & General Conditions	\$ 276,000	45,000.00	13,000.00	0.00	58,000.00	21%	218,000.00
1020	General Construction Allowance	\$ 250,000	0.00	0.00	0.00	0.00	0%	250,000.00
1021	Building Permit Allowance	\$ 10,000	7,499.38	0.00	0.00	7,499.38	75%	2,500.62
2060	Demolition of Existing WWTP Facilities: Trickling Filter Pump Station Top Trickling Filter Pump Station Pumps/Piping Sludge Control Structure	\$ 4,650 \$ 3,480 \$ 13,540	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0% 0% 0%	4,650.00 3,480.00 13,540.00
	Control Building Pumps and Piping	\$ 5,850	0.00	0.00	0.00	0.00	0%	5,850.00
	Blower Building Blowers and Piping	\$ 6,420	0.00	0.00	0.00	0.00	0%	6,420.00
	Trickling Filter Roof/Media/Rotary Distributor	\$ 62,460	0.00	0.00	0.00	0.00	0%	62,460.00
	Aeration Equipment and Piping	\$ 17,500	0.00	0.00	0.00	0.00	0%	17,500.00
	Intermediate Clarifier Equipment	\$ 26,417	0.00	0.00	0.00	0.00	0%	26,417.00
2140	Dewatering	\$ 19,555	10,000.00	0.00	0.00	10,000.00	51%	9,555.00
2210	Finish Grading	\$ 14,320	0.00	0.00	0.00	0.00	0%	14,320.00
2220	Structure Excavation - Final Clarifier and Splitter Box	\$ 71,200	0.00	0.00	0.00	0.00	0%	71,200.00
2221	Structure Excavation - Sludge Storage Structure	\$ 133,600	133,600.00	0.00	0.00	133,600.00	100%	0.00
2220A	Backfill of Structures - Final Clarifier and Splitter Box	\$ 91,500	0.00	0.00	0.00	0.00	0%	91,500.00
2221A	Backfill of Structures - Sludge Storage Structure	\$ 172,620	142,620.00	0.00	0.00	142,620.00	83%	30,000.00
2370	Erosion and Sediment Control	\$ 12,400	6,500.00	0.00	0.00	6,500.00	52%	5,900.00
2650	Site Utilities	\$ 565,333	86,500.00	0.00	0.00	86,500.00	15%	478,833.00
2551	Bypass Piping	\$ 49,504	0.00	0.00	0.00	0.00	0%	49,504.00
2600	Roads, Walks and Curbs	\$ 22,540	0.00	0.00	0.00	0.00	0%	22,540.00
2800	Fencing	\$ 12,200	0.00	0.00	0.00	0.00	0%	12,200.00
2920	Seeding	\$ 6,100	0.00	0.00	0.00	0.00	0%	6,100.00
3200	Rebar - Materials	\$ 678,400	487,150.69	0.00	0.00	487,150.69	72%	191,249.31
3201	Rebar - Labor	\$ 457,600	240,000.00	0.00	0.00	350,000.00	76%	107,600.00
3300	Concrete Work	\$ 457,600	240,000.00	0.00	0.00	350,000.00	76%	107,600.00
	Clarifier Splitter Structure	\$ 71,760	0.00	0.00	0.00	0.00	0%	71,760.00
	Final Clarifier	\$ 214,650	0.00	0.00	0.00	0.00	0%	214,650.00
	Control Structure	\$ 29,075	0.00	0.00	0.00	0.00	0%	29,075.00
	Sludge Storage Tank	\$ 2,180,839	878,653.00	505,000.00	0.00	1,383,653.00	63%	797,186.00
	Miscellaneous Concrete	\$ 1,860.00	0.00	0.00	0.00	0.00	0%	1,860.00
3410	Precast Double Tees	\$ 448,980	129,540.00	0.00	0.00	129,540.00	29%	319,440.00

Contractor: Magney Construction, Inc.  
 Owner: City of Marshall, MN  
 Project: Wastewater Treatment Facility Improvements  
 BWM Project No. T22.115360

APPLICATION FOR PAYMENT SCHEDULE

Date of Application:  
 Work Completed Through:

Spec. Section	Pay Application #5 Description of Work	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
3411	Precast Hollow Core Planks	W/Double Tees						
3460	Precast Non-Architectural Wall Panels	W/Double Tees						
5100	Structural Metals, Misc Metals and Handrail	\$ 456,850	0.00	0.00	0.00	0.00	0%	456,850.00
5500	Access Hatches	\$ 7,820	6,796.00	0.00	0.00	6,796.00	87%	1,024.00
7535	Fully Adhered Membrane Roofing & Sheet Metal	\$ 279,400	0.00	0.00	0.00	0.00	0%	279,400.00
7900	Joint Sealant	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
8110	Hollow Metal Doors, Frames and Hardware	\$ 22,540	0.00	0.00	0.00	0.00	0%	22,540.00
9960	Painting	\$ 299,000	0.00	0.00	0.00	0.00	0%	299,000.00
10400	Identifying Devices	\$ 3,690	0.00	0.00	0.00	0.00	0%	3,690.00
11213	Vertical Non-Clog Solids Handling Pumps	\$ 212,600	0.00	0.00	0.00	0.00	0%	212,600.00
11214	Vertical Turbine Pumps	\$ 143,100	0.00	0.00	0.00	0.00	0%	143,100.00
11311	Submersible Centrifugal Pumps	\$ 17,400	0.00	0.00	0.00	0.00	0%	17,400.00
11312	Replace Vaughan Chopper Pump	\$ 36,400	0.00	0.00	0.00	0.00	0%	36,400.00
11316	Progressive Cavity Pumps	\$ 54,750	0.00	0.00	0.00	0.00	0%	54,750.00
11321	Grit Separation Equipment	\$ 96,560	0.00	0.00	0.00	0.00	0%	96,560.00
11351	Clarifier Equipment - Suction Type Clarifier	\$ 428,500	0.00	0.00	0.00	0.00	0%	428,500.00
11365	Gravity Actuated Rotary Distributor	\$ 135,840	0.00	0.00	0.00	0.00	0%	135,840.00
11366	Trickling Filter Media	\$ 345,600	0.00	0.00	0.00	0.00	0%	345,600.00
11372	Blower Allowance	\$ 650,000	0.00	0.00	0.00	0.00	0%	650,000.00
11372	Blower System (Positive Displacement w/ Enclosure)	\$ 4,630	0.00	0.00	0.00	0.00	0%	4,630.00
11374	Fine Pore Membrane Aeration Equipment	\$ 82,900	0.00	0.00	0.00	0.00	0%	82,900.00
11376	Hybrid Blower System	\$ 6,800	0.00	0.00	0.00	0.00	0%	6,800.00
13126	Circular Tank Covers	\$ 185,300	0.00	0.00	0.00	0.00	0%	185,300.00
13262	Long Term Storage Mixing System	\$ 266,500	0.00	0.00	0.00	0.00	0%	266,500.00
13263	ATAD Equipment Replacement	\$ 140,000	0.00	0.00	0.00	0.00	0%	140,000.00
13263	ATAD Equipment Installation	\$ 29,850	0.00	0.00	0.00	0.00	0%	29,850.00
13320	Blower Master Control Panel	\$ 900	0.00	0.00	0.00	0.00	0%	900.00
13890	Slide Gates	\$ 10,500	0.00	0.00	0.00	0.00	0%	10,500.00
13900	Fiberglass Baffles and Weir Plates	\$ 31,200	0.00	0.00	0.00	0.00	0%	31,200.00
14620	Portable Hoist	\$ 9,200	0.00	0.00	0.00	0.00	0%	9,200.00
15060	Process Piping - Materials	\$ 307,200	69,814.78	0.00	46,877.00	116,691.78	38%	190,508.22
15060	Process Piping - Labor	\$ 172,800	10,000.00	0.00	0.00	10,000.00	6%	162,800.00
15100	Valves - Materials	\$ 744,040	86,044.00	0.00	0.00	86,044.00	12%	657,996.00
15130	Gauges	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
15140	Pipe Supports and Anchors	\$ 11,600	0.00	0.00	0.00	0.00	0%	11,600.00
15150	Stainless Steel Manways w/ Blind Flanges	\$ 34,500	21,491.57	0.00	0.00	21,491.57	62%	13,008.43

Contractor: Magney Construction, Inc.  
 Owner: City of Marshall, MN  
 Project: Wastewater Treatment Facility Improvements  
 BML Project No. T22.115360

APPLICATION FOR PAYMENT SCHEDULE

Date of Application:  
 Work Completed Through:

Spec.	Section	Description of Work	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
15250	Plumbing		\$ 14,800	0.00	0.00	0.00	0.00	0%	14,800.00
15500	HVAC		\$ 97,800	0.00	0.00	0.00	0.00	0%	97,800.00
16010	Electrical - Mobilization, Permits and Job Overhead		\$ 100,000	50,000.00	0.00	0.00	50,000.00	50%	50,000.00
16100	Basic Materials and Methods		\$ 260,575	8,000.00	0.00	0.00	8,000.00	3%	252,575.00
16150	Motors		\$ 20,000	0.00	0.00	0.00	0.00	0%	20,000.00
16400	Electrical Distribution		\$ 83,000	0.00	0.00	0.00	0.00	0%	83,000.00
16900	Starters and Motor Control Centers		\$ 463,000	0.00	0.00	0.00	0.00	0%	463,000.00
16950	Instrumentation and Controls		\$ 958,165	0.00	0.00	0.00	0.00	0%	958,165.00
16990	Computer Allowance		\$ 50,000	0.00	0.00	0.00	0.00	0%	50,000.00
<b>Totals</b>			<b>14,074,300.00</b>	<b>3,134,027.42</b>	<b>628,000.00</b>	<b>46,877.00</b>	<b>3,808,904.42</b>	<b>27%</b>	<b>10,265,395.58</b>
Original Contract amount			14,074,300.00						
Change Orders to date			0.00						
Revised Contract amount			14,074,300.00						
Value completed to date			3,762,027.42						
Materials stored on site			46,877.00						
Total Earned to date			3,808,904.42						
Amount retained			190,445.22						
Amount previously paid			2,977,326.05						
Amount due this Payment			641,133.15						