



**BOLTON  
& MENK**

Real People. Real Solutions.

1960 Premier Drive  
Mankato, MN 56001-5900

Ph: (507) 625-4171  
Fax: (507) 625-4177  
Bolton-Menk.com

## MEMORANDUM

**Date:** November 4, 2020  
**To:** Bob Van Moer, Wastewater Treatment Superintendent  
**From:** Jon D. Peterson, P.E., Project Engineer  
**Subject:** Wastewater Treatment Facility Improvements – Magney Construction Inc.  
Pay Request No. 16  
City of Marshall, Minnesota  
Project No.: T22.115360

### INTRODUCTION

Pay Request No. 16 for the above-referenced project in the amount of \$310,631.02 is being submitted for approval.

### DISCUSSION

This pay application covers work completed on the project through October 31, 2020. The Contractor has placed the final clarifier mechanism and intermediate clarifier mechanism. Trickling filter rotary distributor has been installed in the trickling filter. In addition, Contractor has been working on site piping around the clarifiers and has nearly completed final site grading around the long-term sludge storage tank and building. We recommend approval of the attached Request for Payment No. 16.

### 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 \$310,631.02.

**Application for Payment No. 16 R1**

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: 11/4/2020

Invoice Work Period: October 1-31, 2020

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1) Original Contract amount	<u>\$14,074,300.00</u>
2) Change Orders to date	<u>\$0.00</u>
3) Revised Contract amount	<u>\$14,074,300.00</u>
4) Value completed to date	<u>\$11,178,571.37</u>
5) Materials stored on site	\$80,906.65
6) Total Earned to date	<u>\$11,259,478.02</u>
7) Amount retained	<u>\$562,973.90</u>
8) Amount previously paid	<u>\$10,385,873.10</u>
<b>Amount due this Payment</b>	<u><b>\$310,631.02</b></u>

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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: 11-5-20

APPLICATION FOR PAYMENT SCHEDULE

Spec.	Pay Application #16 R1	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	175,000.00	13,000.00	0.00	188,000.00	68%	88,000.00
<b>1020</b>	<b>General Construction Allowance</b>	<b>\$ 250,000</b>	10,751.29	-50,266.63	0.00	-39,515.34	-16%	289,515.34
<b>1021</b>	<b>Building Permit Allowance</b>	<b>\$ 10,000</b>	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	\$ 4,650	0.00	0.00	0.00	0.00	0%	4,650.00
	Trickling Filter Pump Station Pumps/Piping	\$ 3,480	0.00	0.00	0.00	0.00	0%	3,480.00
	Sludge Control Structure	\$ 13,540	0.00	0.00	0.00	0.00	0%	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	3,500.00	1,500.00	0.00	5,000.00	78%	1,420.00
	Trickling Filter Roof/Media/Rotary Distributor	\$ 62,460	62,460.00	0.00	0.00	62,460.00	100%	0.00
	Aeration Equipment and Piping	\$ 17,500	0.00	0.00	0.00	0.00	0%	17,500.00
	Intermediate Clarifier Equipment	\$ 26,417	26,417.00	0.00	0.00	26,417.00	100%	0.00
2140	Dewatering	\$ 19,555	17,555.00	1,000.00	0.00	18,555.00	95%	1,000.00
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	71,200.00	0.00	0.00	71,200.00	100%	0.00
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	91,500.00	0.00	0.00	91,500.00	100%	0.00
2221A	Backfill of Structures - Sludge Storage Structure	\$ 172,620	172,120.00	0.00	0.00	172,120.00	100%	500.00
2370	Erosion and Sediment Control	\$ 12,400	10,000.00	0.00	0.00	10,000.00	81%	2,400.00
2550	Site Utilities	\$ 565,333	483,206.62	30,000.00	0.00	513,206.62	91%	52,126.38
2551	Bypass Piping	\$ 49,504	0.00	0.00	0.00	0.00	0%	49,504.00
2600	Roads, Walks and Curbs	\$ 22,540	14,500.00	3,500.00	0.00	18,000.00	80%	4,540.00
2800	Fencing	\$ 12,200	5,500.00	0.00	0.00	5,500.00	45%	6,700.00
2920	Seeding	\$ 6,100	0.00	0.00	0.00	0.00	0%	6,100.00
3200	Rebar - Materials	\$ 678,400	678,400.00	0.00	0.00	678,400.00	100%	0.00
3201	Rebar - Labor	\$ 457,600	454,830.00	0.00	0.00	454,830.00	99%	2,770.00
3300	Concrete Work							
	Clarifier Splitter Structure	\$ 71,760	71,760.00	0.00	0.00	71,760.00	100%	0.00
	Final Clarifier	\$ 214,650	214,650.00	0.00	0.00	214,650.00	100%	0.00
	Control Structure	\$ 29,075	29,071.00	0.00	0.00	29,071.00	100%	4.00
	Sludge Storage Tank	\$ 2,180,839	2,180,839.00	0.00	0.00	2,180,839.00	100%	0.00
	Miscellaneous Concrete	\$ 1,860.00	0.00	0.00	0.00	0.00	0%	1,860.00
3410	Precast Double Tees	\$ 448,980	448,980.00	0.00	0.00	448,980.00	100%	0.00
3411	Precast Hollow Core Planks	W/Double Tees						

APPLICATION FOR PAYMENT SCHEDULE

Spec.	Pay Application #16 R1	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
3460	Precast Non-Architectural Wall Panels	W/Double Tees						
5100	Structural Metals, Misc Metals and Handrail	\$ 456,850	418,724.00	15,000.00	0.00	433,724.00	95%	23,126.00
5500	Access Hatches	\$ 7,820	7,296.00	0.00	0.00	7,296.00	93%	524.00
7535	Fully Adhered Membrane Roofing & Sheet Metal	\$ 279,400	182,875.00	20,000.00	0.00	202,875.00	73%	76,525.00
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	18,977.00	2,500.00	0.00	21,477.00	95%	1,063.00
9960	Painting	\$ 299,000	250,000.00	0.00	0.00	250,000.00	84%	49,000.00
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	204,274.04	0.00	0.00	204,274.04	96%	8,325.96
11214	Vertical Turbine Pumps	\$ 143,100	128,990.45	0.00	0.00	128,990.45	90%	14,109.55
11311	Submersible Centrifugal Pumps	\$ 17,400	13,500.00	0.00	0.00	13,500.00	78%	3,900.00
11312	Replace Vaughan Chopper Pump	\$ 36,400	32,840.00	0.00	0.00	32,840.00	90%	3,560.00
11316	Progressive Cavity Pumps	\$ 54,750	50,125.00	0.00	0.00	50,125.00	92%	4,625.00
11321	Grit Separation Equipment	\$ 96,560	96,560.00	0.00	0.00	96,560.00	100%	0.00
11351	Clarifier Equipment - Suction Type Clarifier	\$ 428,500	421,500.00	5,000.00	0.00	426,500.00	100%	2,000.00
11365	Gravity Actuated Rotary Distributor	\$ 135,840	104,200.00	31,640.00	0.00	135,840.00	100%	0.00
11366	Trickling Filter Media	\$ 345,600	285,600.00	60,000.00	0.00	345,600.00	100%	0.00
<b>11372</b>	<b>Blower Allowance</b>	<b>\$ 650,000</b>	<b>483,118.19</b>	<b>0.00</b>	<b>0.00</b>	<b>483,118.19</b>	<b>74%</b>	<b>166,881.81</b>
11372	Blower System (Positive Displacement w/ Enclosure)	\$ 4,630	3,300.00	0.00	0.00	3,300.00	71%	1,330.00
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	5,000.00	0.00	0.00	5,000.00	74%	1,800.00
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	256,740.00	0.00	0.00	256,740.00	96%	9,760.00
<b>13263</b>	<b>ATAD Equipment Replacement</b>	<b>\$ 140,000</b>	<b>117,800.00</b>	<b>0.00</b>	<b>0.00</b>	<b>117,800.00</b>	<b>84%</b>	<b>22,200.00</b>
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	10,500.00	0.00	0.00	10,500.00	100%	0.00
13900	Fiberglass Baffles and Weir Plates	\$ 31,200	31,200.00	0.00	0.00	31,200.00	100%	0.00
14620	Portable Hoist	\$ 9,200	8,982.75	0.00	0.00	8,982.75	98%	217.25
15060	Process Piping - Materials	\$ 307,200	293,199.51	6,000.00	0.00	299,199.51	97%	8,000.49
15060	Process Piping - Labor	\$ 172,800	97,500.00	15,000.00	0.00	112,500.00	65%	60,300.00
15100	Valves - Materials	\$ 744,040	660,257.64	0.00	80,906.65	741,164.29	100%	2,875.71
15130	Gauges	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
15140	Pipe Supports and Anchors	\$ 11,600	2,500.00	0.00	0.00	2,500.00	22%	9,100.00
15150	Stainless Steel Manways w/ Blind Flanges	\$ 34,500	34,300.00	200.00	0.00	34,500.00	100%	0.00
15250	Plumbing	\$ 14,800	0.00	0.00	0.00	0.00	0%	14,800.00
15500	HVAC	\$ 97,800	23,025.13	25,000.00	0.00	48,025.13	49%	49,774.87

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

Date of Application:  
 Work Completed Through:

APPLICATION FOR PAYMENT SCHEDULE

Spec.	Pay Application #16 R1	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
16010	Electrical - Mobilization, Permits and Job Overhead	\$ 100,000	56,500.00	8,000.00	0.00	64,500.00	65%	35,500.00
16100	Basic Materials and Methods	\$ 260,575	62,358.00	6,000.00	0.00	68,358.00	26%	192,217.00
16150	Motors	\$ 20,000	0.00	2,000.00	0.00	2,000.00	10%	18,000.00
16400	Electrical Distribution	\$ 83,000	16,855.00	0.00	0.00	16,855.00	20%	66,145.00
16900	Starters and Motor Control Centers	\$ 463,000	459,743.00	0.00	0.00	459,743.00	99%	3,257.00
16950	Instrumentation and Controls	\$ 958,165	16,000.00	51,000.00	0.00	67,000.00	7%	891,165.00
<b>16990</b>	<b>Computer Allowance</b>	<b>\$ 50,000</b>	0.00	0.00	0.00	0.00	0%	50,000.00
	<b>Totals</b>	<b>14,074,300.00</b>	<b>10,932,498.00</b>	<b>246,073.37</b>	<b>80,906.65</b>	<b>11,259,478.02</b>	<b>80%</b>	<b>2,814,821.98</b>
		0.00						
	Original Contract amount		14,074,300.00					
	Change Orders to date		0.00					
	Revised Contract amount		14,074,300.00					
	Value completed to date		11,178,571.37					
	Materials stored on site		80,906.65					
	Total Earned to date		11,259,478.02					
	Amount retained		562,973.90					
	Amount previously paid		10,385,873.10					
	<b>Amount due this Payment</b>		<b>310,631.02</b>					

# VESSCO, INC.

8217 Upland Circle (952) 941-2678  
Chanhassen, MN 55317 FAX (952) 941-0796  
acct@vessco.com

## INVOICE

**81129**

Date 10/01/20

Terms Net 30

Bill To: Accounts Payable

MAGNEY CONSTRUCTION, INC.  
1401 PARK ROAD  
CHANHASSEN, MN 55317

Order #	52930	Ordered	07/12/19
Cust Account #	011588	Job #	201952
Cust PO #	550-11075		
Ship Via	BEST	Shipped	10/01/20
FOB SHIPPING POINT		Rep	160

Ship To:

Pete Devick 320.808.5306  
MAGNEY CONSTRUCTION, INC.  
C/O MARSHALL WTF  
600 ERIE ROAD  
MARSHALL, MN 56258-2704

TAX ID MAR

Email Invoice pam@magneyconstruction.com

Customer Phone (952) 474-1674

Item Num	Description	Order	Ship	B/O	Unit Price	Ext Price
V910	Binder Remaining bill	1	1	0	75,349.62	75,349.62

Order Completed. Emailed to pam@magneyconstruction.com DO NOT MAIL

Amount	75,349.62
Tax	5,557.03
Freight	0.00
<b>TOTAL</b>	<b>80,906.65</b>