


**Normandale Lake Drawdown
Progress Payment Number 5**

1.0	Total Completed Through This Period	<u>\$ 307,824.51</u>		
2.0	Total Completed Through Previous Period		<u>\$278,131.16</u>	
3.0	Total Completed This Period			<u>\$ 29,693.35</u>
4.0	Amount Retained, Through Previous Period		<u>\$9,831.55</u>	
5.0	Amount Retained, This Period (See Note 1)		<u>\$0.00</u>	
6.0	Total Amount Retained		<u>\$9,831.55</u>	
7.0	Retainage Released Through This Period:			<u>\$0.00</u>
8.0	Amount Due This Period			<u><u>\$ 29,693.35</u></u>


Note 1: At rate of 5% until Completed to Date equals 50% of current Contract Price and a rate of 0% thereafter.

Note 2: Original Contract Price: \$378,972.50
 Change Order #1: \$4,900.00
 Change Order #2: \$1,210.00
 Change Order #3: \$8,179.00
 Change Order #4: \$11,523.05
 Change Order #5: \$18,170.30
 Current Contract Price: \$422,954.85

SUBMITTED BY:

Name: David Mitchell Date: 1-7-19
 Title: Project Manager
 Contractor: Rachael Contracting, Inc.
 Signature: 

RECOMMENDED BY:

Name: Janna Kieffer Date: 1-7-2019
 Title: District Engineer
 Engineer: Barr Engineering Company
 Signature: 

APPROVED BY:

Name: Steve Kloiber Date: _____
 Title: President
 Owner: Nine Mile Creek Watershed District
 Signature: _____

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF

TO OWNER:	Nine Mile Creek Watershed Di 12800 Gerard Dr Eden Prairie, MN 55346	PROJECT: Normandale Lake Drawdown	APPLICATION NO: <u>18073.05</u>	Distribution to:
			PERIOD FROM:	<input type="checkbox"/> OWNER
FROM CONTRACTOR:	Rachel Contracting, Inc 4125 Napier Court NE St Michael, MN 55376		PERIOD TO: <u>12/31/2018</u>	<input type="checkbox"/> CONTRACTOR
			APPLICATION DATE: <u>1/3/2019</u>	<input type="checkbox"/> OTHER
			CONTRACT DATE: <u>8/6/2018</u>	

CONTRACT FOR:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM.....	<u>\$378,972.50</u>
2. Net change by Change Orders.....	<u>\$ 43,982.35</u>
3. CONTRACT SUM TO DATE (Line 1+-2).....	<u>\$ 422,954.85</u>
4. TOTAL COMPLETED & STORED TO DATE..... (Column G on G703)	<u>\$307,824.51</u>
5. RETAINAGE:	
a. 5% of Completed Work (Columns D + E on G703)	<u>\$ 9,831.54</u>
b. _____ % of Stored Material (Columns F on G703)	<u>\$ -</u>
Total Retainage (line 5a + 5b or Total in Column I of G703).....	<u>\$ 9,831.54</u>
6. TOTAL EARNED LESS RETAINAGE..... (Line 4 less Line 5 Total)	<u>\$ 297,992.97</u>
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate).....	<u>\$ 268,299.62</u>
8. CURRENT PAYMENT DUE.....	<u>\$ 29,693.35</u>
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6).....	<u>\$ 124,961.88</u>

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
TOTAL CHANGES APPROVED IN PREVIOUS MONTHS BY OWNER	\$ 14,289.00	
TOTAL APPROVED THIS MONTH	\$ 29,693.35	
TOTALS	\$ 43,982.35	0
NET CHANGES BY CHANGE ORDER	\$ 43,982.35	

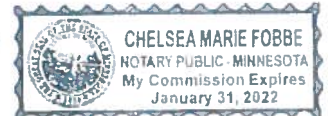
The undersigned Contractor certifies that to the best of the Contractor's Knowledge information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates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

5 CONTRACTOR: Rachel Contracting, Inc.

By: [Signature] Date: 1-3-19 1/3/2019

State of: MN
County of: Wright
Described and sworn to before me this 3rd day of January 2019

Notary Public Chelsea Fobbe
My Commission Expires: January 31, 2022



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Document, based on on-site observation and the data comprising the 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 _____

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

ARCHITECT
By: _____ Date: _____

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.

Contractor's signed certification is attached
In calculations below, amounts are stated in the nearest dollar
Use Column 1 in Contract where variable ranges for line items may apply.

A	B	C	D	E	F	G	H	I	J				
ITEM NO	DESCRIPTION OF WORK	UNIT	EST QTY	QTY TO DATE	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED (D-1)	FIND FINISH (E)	MATERIALS (F)	TOTAL QUANTITY (G)	% (H)	BALANCE TO BE PAID (I)	RETAINAGE (J)
1	Mob/Demob	LS	1.00	0.80	\$35,650.00	\$35,650.00	\$28,520.00	\$0.00	\$0.00	\$28,520.00	80.00%	\$7,130.00	\$1,426.00
2	Traffic Control	LS	1.00	0.90	\$7,000.00	\$7,000.00	\$6,300.00	\$0.00	\$0.00	\$6,300.00	90.00%	\$700.00	\$315.00
3	Cleaning & Grubbing	EA	1.00	1.00	\$5,000.00	\$5,000.00	\$0.00	\$0.00	\$5,000.00	100.00%	\$0.00	\$0.00	\$0.00
4	Construction Erection	EA	1.00	1.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$3,500.00	100.00%	\$0.00	\$0.00	\$0.00
5	Access Road/Protect Blinnhouse Trail, Curb & Gutter	LS	1.00	0.75	\$7,000.00	\$7,000.00	\$5,250.00	\$0.00	\$0.00	\$5,250.00	75.00%	\$1,750.00	\$262.50
6	Turtle fence (north of bath street)	LF	585.00	276.00	\$6.00	\$2,925.00	\$1,680.00	\$0.00	\$0.00	\$1,680.00	47.18%	\$1,515.00	\$49.00
7	Sediment Log	LF	10.00	8.00	\$6.00	\$60.00	\$48.00	\$0.00	\$0.00	\$48.00	80.00%	\$12.00	\$3.40
8	Inlet Protection	EA	4.00	3.00	\$165.00	\$660.00	\$495.00	\$0.00	\$0.00	\$495.00	75.00%	\$165.00	\$24.75
9	Retention silt curtain	LF	200.00	120.00	\$9.00	\$1,800.00	\$1,080.00	\$0.00	\$0.00	\$1,080.00	60.00%	\$720.00	\$174.00
10	Excavation Control Blanket	SY	484.00	15.00	\$2.25	\$1,089.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,089.00	\$0.00
11	Street Sweeping	HR	15.00	15.00	\$150.00	\$2,250.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$2,250.00	\$0.00
12	Control of Water	LF	44.00	44.00	\$1,150.00	\$50,620.00	\$3,150.00	\$0.00	\$0.00	\$3,150.00	100.00%	\$47,470.00	\$157.50
13	Construction Temporary Wall	LF	1.00	1.00	\$3,000.00	\$3,000.00	\$1,200.00	\$0.00	\$0.00	\$1,200.00	100.00%	\$1,800.00	\$660.00
14	Geotextile MHD/DOE Type 5	SY	9,831.55	133.00	\$13.00	\$127,810.15	\$1,729.00	\$0.00	\$0.00	\$1,729.00	1.35%	\$126,081.15	\$86.15
15	clean sand core	CY	63.00	63.00	\$140.00	\$8,820.00	\$8,820.00	\$0.00	\$0.00	\$8,820.00	100.00%	\$0.00	\$41.00
16	Geosynthetic Clay Liner	SY	140.00	140.00	\$68.00	\$9,520.00	\$9,520.00	\$0.00	\$0.00	\$9,520.00	100.00%	\$0.00	\$476.00
17	random riprap class III	TON	50.00	50.00	\$125.00	\$6,250.00	\$6,250.00	\$0.00	\$0.00	\$6,250.00	100.00%	\$0.00	\$312.50
18	removal of temporary wall	LS	1.00	1.00	\$6,000.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$6,000.00	\$0.00
19	site restoration/clean up	LS	1.00	1.00	\$1,250.00	\$1,250.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,250.00	\$0.00
20	seeding area	ACRE	0.10	0.10	\$16,600.00	\$1,660.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,660.00	\$0.00
21	Cleaning & Grubbing	LS	1.00	1.00	\$4,000.00	\$4,000.00	\$1,000.00	\$0.00	\$0.00	\$1,000.00	25.00%	\$3,000.00	\$300.00
22	Construction Erection	EA	2.00	1.00	\$3,500.00	\$7,000.00	\$3,500.00	\$0.00	\$0.00	\$3,500.00	50.00%	\$3,500.00	\$175.00
23	Access Road/Protect Blinnhouse Trail, Curb & Gutter	LS	1.00	0.75	\$7,000.00	\$7,000.00	\$5,250.00	\$0.00	\$0.00	\$5,250.00	75.00%	\$1,750.00	\$262.50
24	Silt fence/Turtle fence	LF	10,700.00	8,559.60	\$2.60	\$27,820.00	\$22,254.96	\$0.00	\$0.00	\$22,254.96	80.00%	\$5,565.04	\$1,112.75
25	Sediment Log	LF	10.00	8.00	\$6.00	\$60.00	\$48.00	\$0.00	\$0.00	\$48.00	80.00%	\$12.00	\$3.40
26	Inlet Protection	EA	4.00	4.00	\$165.00	\$660.00	\$660.00	\$0.00	\$0.00	\$660.00	100.00%	\$0.00	\$33.00
27	Excavation Control Blanket	SY	1,646.00	600.00	\$2.25	\$3,703.50	\$1,350.00	\$0.00	\$0.00	\$1,350.00	36.45%	\$2,353.50	\$67.50
28	Street Sweeping	HR	15.00	15.00	\$150.00	\$2,250.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$2,250.00	\$0.00
29	Remove Existing Valve, Clearing Of Existing Line, So Flow Can Pass, Removing 18" Cmp, Plugging 21" Rep Ends, remove gate valve, remove control structure top slab and fill structure after the new bypass system has been completed	LS	1.00	0.75	\$20,000.00	\$20,000.00	\$5,000.00	\$0.00	\$0.00	\$5,000.00	25.00%	\$15,000.00	\$350.00
30	Control Of Water, Temporary Pumping By Pass	LS	1.00	0.95	\$17,500.00	\$17,500.00	\$15,625.00	\$0.00	\$0.00	\$15,625.00	95.00%	\$1,875.00	\$1,781.25
31	36" HDPE DR 17	LF	240.00	170.00	\$375.00	\$90,000.00	\$39,500.00	\$0.00	\$0.00	\$39,500.00	70.83%	\$24,500.00	\$2,975.00
32	36" CMP FES Aluminized	EA	2.00	1.00	\$1,800.00	\$3,600.00	\$1,800.00	\$0.00	\$0.00	\$1,800.00	50.00%	\$1,800.00	\$90.00
33	Select Clay Pipe Bedding	CY	32.00	32.00	\$39.00	\$1,248.00	\$1,248.00	\$0.00	\$0.00	\$1,248.00	100.00%	\$0.00	\$62.40
34	Random Riprap Class III	TON	16.00	16.00	\$125.00	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$2,000.00	100.00%	\$0.00	\$100.00
35	32" Dia. Rep Bypass Control Structure W/Slats For Stop Log Guide Rail	LS	1.00	1.00	\$23,500.00	\$23,500.00	\$3,500.00	\$0.00	\$0.00	\$3,500.00	100.00%	\$0.00	\$1,175.00
36	Flexible Boot Manhole Connector For 36" Dia. HDPE DR-17	EA	1.00	2.00	\$750.00	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$1,500.00	100.00%	\$0.00	\$75.00
37	Aluminum Stop Logs And Guide Rail System	LS	1.00	1.00	\$15,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$15,000.00	\$0.00
38	Special Fabricated Hinge Gate Top For Bypass Control Structure	LS	1.00	0.95	\$5,000.00	\$5,000.00	\$5,700.00	\$0.00	\$0.00	\$5,700.00	95.00%	\$3,000.00	\$2585.00
39	Site Restoration/Clean Up	LS	1.00	1.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$3,500.00	\$0.00
40	Seeding Area	ACRE	0.14	0.50	\$12,700.00	\$4,318.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$4,318.00	\$0.00
41	Remove And Replace Buried Chain Link Fence Rodent Barrier	LS	1.00	1.00	\$4,000.00	\$4,000.00	\$2,000.00	\$0.00	\$0.00	\$2,000.00	50.00%	\$2,000.00	\$100.00
42	Import Topsoil	CY	2.00	2.00	\$200.00	\$400.00	\$400.00	\$0.00	\$0.00	\$400.00	100.00%	\$0.00	\$10.00
43	Anti-seep Collar	LS	1.00	1.00	\$3,200.00	\$3,200.00	\$2,300.00	\$0.00	\$0.00	\$2,300.00	100.00%	\$0.00	\$115.00
44	COB#2 1.5" Root Under Manhole	TON	30.00	20.00	\$60.50	\$1,210.00	\$1,210.00	\$0.00	\$0.00	\$1,210.00	100.00%	\$0.00	\$60.50
45	COB#3 Match Bags	LF	90.00	72.00	\$6.00	\$540.00	\$432.00	\$0.00	\$0.00	\$432.00	80.00%	\$108.00	\$21.60
46	COB#3 Moving Silt Curtain	LF	150.00	120.00	\$29.00	\$4,350.00	\$3,480.00	\$0.00	\$0.00	\$3,480.00	80.00%	\$870.00	\$174.00
47	COB#3 Additional Turtle Fence	LF	1,365.00	1,012.00	\$2.60	\$3,549.00	\$2,631.20	\$0.00	\$0.00	\$2,631.20	80.00%	\$657.80	\$131.56
48	Change Order #4	LS	1.00	1.00	\$11,523.05	\$11,523.05	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$11,523.05	\$576.15
49	Change Order #5	LS	1.00	1.00	\$18,170.30	\$18,170.30	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$18,170.30	\$908.52
GRAND TOTALS					\$549,036.00	\$278,131.16	\$29,693.35	\$0.00	\$307,824.51	56.07%	\$241,211.49	\$15,391.23	

Change Order No. 5

**Normandale Lake Drawdown Project
Nine Mile Creek Watershed District**

Date of Issuance: January 2, 2019
Owner: Nine Mile Creek Watershed District
Barr Engineering Project No.: 23/27 1645.00
Contractor: Rachel Contracting Inc.
Engineer: Barr Engineering Co.

The Contractor is hereby directed to make the following changes in the Contract Documents for the Normandale Lake Drawdown Project.

1. Addition of Contract Pay Item for additional work required for drawdown of water levels due to significant rainfall amounts

Description: The following pay item, quantity, and unit price will be added to the contract documents:

Item 106	Description	Unit	Quantity	Unit Price
II	Additional work required for drawdown of water levels due to significant rainfall amounts	LS	1	\$18,170.30

Reason for Change: Significant rainfall (5 inches) occurred during the period of September 17, 2018 through September 20, 2018 following completion of the initial lake drawdown, which caused the lake level to rebound to elevation 811, several feet above the control elevation. To assist in drawing the lake level back down, while minimizing additional pumping, Rachel constructed a temporary channel between the lake and manhole structure to utilize the newly-installed 36-inch HDPE pipe. The five inches of rainfall between September 17-20 and the additional 3 inches of rainfall that fell between September 21, 2018 and October 9, 2018, delayed installation of the upstream portion of the 36-inch HDPE pipe beyond the October 21, 2019 deadline, resulting in additional pumping costs.

Change in Contract Price: The Contract Price is increased by \$18,170.30, which reflects the cost of constructing a channel to the manhole structure to utilize the 36-inch HDPE for lake drawdown and additional pumping required after the required pipe install date (October 21, 2018).

Change in Contract Time: There will be no change in the Contract Time.

Recommended By: 
Janna Kieffer (Engineer)

Date: 1/2/19

BARR ENGINEERING CO.

Submitted By: 
(Contractor)

Date: 1/3/19
RACHEL CONTRACTING, INC.

Approved By: _____
Randy Anhorn (Administrator)

Date: _____
NINE MILE CREEK WATERSHED DISTRICT

EXTRA WORK

To: Barr Engineering
 Janna Keiffer
 4300 Market Pointe Dr
 Minneapolis MN 55435

Date: 12/28/2018
Extra Work 5
Authorization #:

Rachel Project Name: Normandale Lake Drawdown	Rachel Project #: 18073
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Work Date: Misc. Dates
Description: Open Channel Excavation to improve lake draw down after heavy rain event & Additional Pump Days over Contract

Labor & Equipment	Hours	Cost/Hour	Total Cost
Aric Antil/ 349 Excavator-10/5	8	\$ 265.00	\$ 2,120.00
Laborer- 10/5	8	\$ 85.00	\$ 680.00
Aric Antil/ 349 Excavator-10/7	1.5	\$ 265.00	\$ 397.50
Aric Antil/349 Excavator 10/8	8	\$ 265.00	\$ 2,120.00
Laborer- 10/8	8	\$ 85.00	\$ 680.00
Aric Antil 10-9	1	\$ 105.00	\$ 105.00
Laborer 10-9	1	\$ 85.00	\$ 85.00
Aric Antil 10-9	2	\$ 105.00	\$ 210.00
Laborer 10-9	2	\$ 85.00	\$ 170.00
Aric Antil/349 Excavator 10/17	1	\$ 265.00	\$ 265.00
Laborer 10-17	1	\$ 85.00	\$ 85.00
Aric Antil/349 Excavator 10/19	1	\$ 265.00	\$ 265.00
Aric Antil- 3 Hrs. a Day fueling Pumps for Extra Days	1	\$ 1,625.00	\$ 1,625.00
TOTAL LABOR & EQUIPMENT =			\$ 8,807.50

Materials	Tons	Cost/Ea	Total Cost
Rip Rap	63.07	\$ 43.60	\$ 2,749.85
Poly for Channel Walls (2 Rolls @ 230.64)	1	\$ 461.28	\$ 461.28
Fuel(Offroad for Pump Overages)	1	\$ 1,800.00	\$ 1,800.00
			\$ -
		MU	\$ 751.67
TOTAL MATERIALS=			\$ 5,762.80

Subcontractors/Trucking	EA	Cost/Ea	Total Cost
Small Truck Mobilization for Sheet Piles Used	1	\$ 750.00	\$ 750.00
Blake Dewatering Overages	1	\$ 2,850.00	\$ 2,850.00
			\$ -
			\$ -
TOTAL SUBCONTRACTORS/TRUCKING =			\$ 3,600.00

TOTAL EXTRA WORK =	\$ 18,170.30
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