resourcetul. naturally. engineering and environmental consultants



September 15, 2023

President David Ziegler and Board of Managers Riley-Purgatory-Bluff Creek Watershed District 18681 Lake Drive East Chanhassen, MN 55317

## Re: Bluff Creek Southwest Branch Stabilization and Restoration Project – Final Pay Application #9 Barr Project # 23/27-0053.14-021

Dear President Ziegler and Board of Managers:

Enclosed is the Application for Final Payment #9 from Sunram Construction Company for the final amount to be released following the closeout of the above-referenced project. Upon your review and approval, please sign and return one copy to me. Barr will distribute a scan to the contractor and RPBCWD Administrator for district files.

Items of work covered by this pay application include the third year (i.e., the 2023 growing season) of Vegetation Establishment activities such as site inspections, mowing, and herbicide applications to control non-natives (e.g., ragweed, thistle, and burdock). Activities were completed and reviewed on 7/24 and 8/11 respectively. Since the last payment application Sunram Construction Company and their subconsultant have been responsive to all requests for information, completed the final year of vegetation establishment work, requested release of additional retainage, and provided the necessary documentation and work to close out the project. Barr Engineering's review of the site on August 11 and determine the Contractor fully completed the required work to the best of our knowledge.

Barr Engineering has reviewed the application for payment, confirmed that the work for which payment is requested has been performed, believes to the best of our knowledge that the work has been performed in accordance with the terms of the contract with the Riley Purgatory Bluff Creek Watershed District, and is recommending payment in the amount of **\$7,906.95**. Payments should be made directly to Sunram Construction Company.

Please call me at 952-832-2755 if you have any questions or concerns about the application for payment, or about any other related matters.

Sincerely,

Statt Sobrest

Scott Sobiech, P.E. Barr Engineering Co.

c: Terry Jeffery, RPBCWD Ryan Sunram, Sunram Construction Company

Enclosure #1 – Application for Payment – Progress Payment 9 Enclosure #2 – Sunram Progress Payment Request 9

## Bluff Creek Southwest Branch Stabilization and Restoration Project **Progress Payment Number 9**

Date:	8/25/2023	For Period:	<u>10/10/2022</u> to:	8/25/2023	
1	Total Completed Through This Perio	od	\$264,934.25		
2	Total Completed Through Previous		\$207,737.25	\$260,401.70	
3	Total Completed This Period (Line 1			+	\$2,300.10
4	Amount Retained, Previous Period	,		\$10,207.71	
5	Amount Retained, This Period (See	note 1)		\$0.00	
6	Total Amount Retained (Line 4 + 5)			\$10,207.71	
7	Retainage Released This Period				\$5,606.85
8	Total Retainage Released Through	This Period		\$10,207.71	
9	Retainage Held by District (Line 6 - 7	- 8)		(\$0.00)	
10	Liquidated Damages (see note 2)			\$0.00	
11 Notes:	Amount Due This Period (Line 3 - 5 +	7 - 10)			\$7,906.95
1: At rate	of 5% until Completed to Date equals 50% o on contractual provisions.	f current Contract	Price and a rate of 0%	thereafter.	
CONTRA	CTOR'S CERTIFICATION				
The unde	rsigned Contractor certifies, to the be	est of its knowle	edge, the following	:	
been ap 2) All th is not do 3) Title this App interest	evious progress payments received sopplied on account to discharge Contra e Work covered by this Application for efective. to all Work, materials end equipment plication for Payment, will pass to Ow s, and encumbrances (except such a against any such liens, security intere	actor's legitima or Payment is in incorporated in ner at time of p is are covered	te obligations incur n accordance with n said Work, or oth payment free and c by a bond accepta	red in connection the Contract Do nerwise listed in lear of all liens,	on with the ocuments and or covered by security
Name:	Ryan Sunram		: Sep 19, 2023		
Title:	Project Manager		<i>`</i>		
Contracto	r Sunram Construction, Inc.				
Signature	RVAN SUNRAM RVAN SUNRAM (Sep 19, 2023 10:00 CDT)				
RECOMM	IENDED BY:				
Name:	Scott Sobiech	Date	: Sep 19, 2023		
Title:	District Engineer	Bato			
	Barr Engineering Company				
Signature	Acout Dobert		_		
APPROV	ED BY:				
Name:		Date	:		
Title:		2410			
Owner:	Riley Purgatory Bluff Creek Watersl	hed District		_	
Signature	:				

## Bluff Creek Southwest Branch Stabilization and Restoration Project Piley Purgatory Bluff Creek Watershed District Summary of Work Completed Through August 25, 2023- for Progress Payment Number 9

							(1) Total C	•	Percent	(10) Total Comp	leted
			Fatimente I				Through This Period		Complete	This Period	
1.04 Item	Description	Unit	Estimated Quantity		Unit Price	Extension	Quantity	Amount		Quantity	Amount
А	Mobilization/Demobilization	LS	1	\$	15,300.85	\$ 15,300.85	1.00	\$15,300.85	100%	0	\$0.00
В	Control of Water	LS	1	\$	1,500.00	\$ 1,500.00	1.00	\$1,500.00	100%	0	\$0.00
С	Traffic Control	LS	1	\$	1,500.00	\$ 1,500.00	1.00	\$1,500.00	100%	0	\$0.00
D	Rock Construction Entrance	Each	1	\$	1,500.00	\$ 1,500.00	1.00	\$1,500.00	100%	0	\$0.00
Е	Sediment Log	LF	200	\$	4.00	\$ 800.00	0.00	\$0.00	0%	0	\$0.00
F	Silt Fence	LF	50	\$	5.00	\$ 250.00	0.00	\$0.00	0%	0	\$0.00
G	Floating Silt Curtain	Each	1	\$	400.00	\$ 400.00	1.00	\$400.00	100%	0	\$0.00
Н	Tree Protection Fencing	LF	100	\$	5.00	\$ 500.00	0.00	\$0.00	0%	0	\$0.00
Ι	Inlet Protection	Each	5	\$	150.00	\$ 750.00	1.00	\$150.00	20%	0	\$0.00
J	Street Sweeping	LS	1	\$	1,000.00	\$ 1,000.00	1.00	\$1,000.00	100%	0	\$0.00
Κ	Clearing and Grubbing	Acre	1.5	\$	16,300.00	\$ 24,450.00	2.46	\$40,098.00	164%	0	\$0.00
L	Remove and Dispose of Trash and Non-Woody Debris	LS	1	\$	2,750.00	\$ 2,750.00	1.00	\$2,750.00	100%	0	\$0.00
М	Remove Storm Sewer	LS	1	\$	850.00	\$ 850.00	1.00	\$850.00	100%	0	\$0.00
Ν	Furnish and Install Manhole	Each	1	\$	4,500.00	\$ 4,500.00	1.00	\$4,500.00	100%	0	\$0.00
0	Furnish and Install Manhole Casing	Each	1	\$	500.00	\$ 500.00	1.00	\$500.00	100%	0	\$0.00
Р	Furnish and Install Storm Sewer	LF	20	\$	155.00	\$ 3,100.00	16.00	\$2,480.00	80%	0	\$0.00
Q	Furnish and Install Flared End Section	Each	1	\$	2,500.00	\$ 2,500.00	1.00	\$2,500.00	100%	0	\$0.00
R	Common Excavation (P)	CY	2,200	\$	10.80	\$ 23,760.00	2200.00	\$23,760.00	100%	0	\$0.00
S	Grading (P)	SY	7,240	\$	1.40	\$ 10,136.00	7240.00	\$10,136.00	100%	0	\$0.00
Т	Furnish and Install Riprap (CL I)	Ton	0	\$	100.00	\$ -	0.00	\$0.00	0%	0	\$0.00
Т	Furnish and Install Riprap (CL III)	Ton	325	\$	76.25	\$ 24,781.25	345.00	\$26,306.25	106%	0	\$0.00
U	Furnish and Install Granular Backfill	Ton	12	\$	73.00	\$ 876.00	12.00	\$876.00	100%	0	\$0.00
V	Clear and Salvage Trees and Install as Root Wad	Each	19	\$	445.00	\$ 8,455.00	24.00	\$10,680.00	126%	0	\$0.00
W	Import and Install Root Wad	Each	19	\$	445.00	\$ 8,455.00	24.00	\$10,680.00	126%	0	\$0.00
Х	Furnish and Install Boulder Vane	LF	200	\$	100.00	\$ 20,000.00	200.00	\$20,000.00	100%	0	\$0.00
Y	Turf Reinforcement Mat	SY	103	\$	12.00	\$ 1,236.00	223.00	\$2,676.00	217%	0	\$0.00
Ζ	Import Topsoil	CY	5	\$	100.00	\$ 500.00	16.00	\$1,600.00	320%	0	\$0.00
AA	Seed Area	Acre	1	\$	6,300.00	\$ 9,324.00	2.06	\$12,978.00	139%	0	\$0.00
BB	Seed Mix - Cover Crop	LB	152	\$	0.55	\$ 83.60	170.00	\$93.50	112%	0	\$0.00
BB	Seed Mix – Floodplain Forest Mix	LB	48	\$	115.00	\$ 5,520.00	56.00	\$6,440.00	117%	0	\$0.00
BB	Seed Mix – Upland Construction Mix	LB	8	\$	95.00	\$ 722.00	7.60	\$722.00	100%	0	\$0.00
CC	Plant Shrubs	Each	150	\$	64.00	\$ 9,600.00	150.00	\$9,600.00	100%	0	\$0.00
DD	Plant Trees	Each	15	\$	240.00	\$ 3,600.00	15.00	\$3,600.00	100%	0	\$0.00
EE	Furnish and Install Erosion Control Blanket	SY	5,772	\$	2.45	\$ 14,141.40	4069.00	\$9,969.05	70%	0	\$0.00
FF	Furnish and Install Straw Mulch	SY	1,643	\$	0.30	\$ 492.90	6162.00	\$1,848.60	375%	0	\$0.00
GG	Furnish and Install Buffer Markers	Each	15	\$	200.00	\$ 3,000.00	0.00	\$0.00	0%	0	\$0.00
HH	Vegetation Establishment and Warranty Period	LS	1	\$	6,765.00	\$ 6,765.00	1.00	\$6,765.00	100%	0.34	\$2,300.10
	· · · · ·	•	Total o	f Ex	tensions =	\$ 213,599.00	•	\$233,759.25		- <b>-</b>	\$2,300.10

Page 2 of 3

Change Or	ders										
			Estimated								
1.04 Item	Description	Unit	Quantity	<b>Unit Price</b>		Extension	Quantity	Amount		Quantity	Amount
II	CO#1 - Project Delay (Wage and Material Cost Increase)	LS	1	10,675.00	\$	10,675.00	1.00	\$10,675.00	100%	0	\$0.00
	CO#2 - Additional Rock Riffle and Steep Slope Grading (Mobilzation,	LS	1	20,500.00	\$	20,500.00		\$20,500.00	100%		\$0.00
	Access, & Grading)						1.00				
Total of Extensions $-6$ $244.774.00$ $62(4.024.25)$									\$2 200 10		

Total of Extensions = \$ 244,774.00 \$264,934.25

\$2,300.10

## Bluff Creek Pay 9

RILEY PURGATORY BLUFF CREEK WATERSHED (1st	t vvear	nesday of	Month)			11/26/2019	1/31/2020	10/1/2022	8/25/2023	
					Total	Quantity	Quantity	Quantity	Quantity	Total
Line Item	Unit	Bid Qty	Unit Price		Bid	Pay 1-2	Pay 3-4	Pay 5-8	Pay 9	Complete
MOBILIZATION/DEMOBILIZATION	LS	1	\$15,300.85	\$	15,300.85	0.5	0.25	0.25		\$15,300.
CONTROL OF WATER	LS	1	\$1,500.00	\$	1,500.00	0.5	0.5			\$1,500.
TRAFFIC CONTROL	LS	1	\$1,500.00	\$	1,500.00	0.5	0.5			\$1,500.
ROCK CONSTRUCTION ENTRANCE	EA	1	\$1,500.00	\$	1,500.00	1				\$1,500.
SEDIMENT LOG	LF	200	\$4.00	\$	800.00					\$0.
SILT FENCE	LF	50	\$5.00	\$	250.00					\$0.
FLOATING SILT CURTAIN	EA	1	\$400.00	\$	400.00	1				\$400.
TREE PROTECTION FENCING	LF	100	\$5.00							\$0.
INLET PROTECTION	EA	5	\$150.00			1				\$150.
STREET SWEEPING	LS	1				0.5	0.5		······································	\$1,000.
CLEARING & GRUBBING	AC	1.5		· · · ·	•	2.2	0.26			\$40,098.
REMOVE & DISPOSE OF TRASH & NON-WOODY	LS	1		<u> </u>		0.5	0.5			\$2,750.
REMOVE STORM SEWER	LS	1	\$850.00			0.0	1			\$850.
F&I MANHOLE	EA	1	\$4,500.00	· ·		0.5	0.5			\$4,500.
F&I MANHOLE CASING	EA	1	\$500.00			0.5	0.5			\$500.
F&I STORM SEWER	LF	20	\$155.00			0.5	0.5 16			\$2,480.
F&I FLARED END SECTION	EA	1	\$2,500.00	<u> </u>		0.5	0.5			\$2,480. \$2,500.
COMMON EXCAVATION	CY	2200			23,760.00	1100	1100			
GRADING	SY	7240			10,136.00	3620	3620			\$23,760.
F&I RIP RAP CLASS 1	TN		\$1.40	<u> </u>		3620	3620			\$10,136.
F&I RIP RAP CLASS 3		0				250				\$0.
	TN	325			24,781.25	250	50	45	·····	\$26,306.
F&I GRANULAR BACKFILL	TN	12	\$73.00	\$	876.00	12				\$876.
CLEAR & SALVAGE TREES & INSTALL AS ROOT			<u> </u>	<u>ـ</u>			_			
WAD	EA	19	\$445.00	•		18	6			\$10,680.
IMPORT & INSTALL ROOT WAD	EA	19	\$445.00		· · · · · · · · · · · · · · · · · · ·	0	24			\$10,680.
F&I BOULDER VANE	LF	200			20,000.00	68.5	131.5			\$20,000.
TURF REINFORCEMENT MAT	SY	103	\$12.00				223			\$2,676.
IMPORT TOPSOIL	CY	5	\$100.00				5	11		\$1,600.
SEED AREA	AC	1.48			9,324.00		1.48	0.58		\$12,978.
SEED MIX - COVER CROP	LB	152	\$0.55				152	18		\$93.
SEED MIX - FLOODPLAIN FOREST MIX	LB	48	\$115.00				48	8		\$6,440.
SEED MIX - UPLAND CONSTRUCTION MIX	LB	7.6	\$95.00	\$	722.00		7.6			\$722.
PLANT SHRUBS	EA	150	\$64.00	\$	9,600.00			150		\$9,600.
PLANT TREES	EA	15	\$240.00	\$	3,600.00			15		\$3,600.
F&I EROSION CONTROL BLANKET	SY	5772	\$2.45	\$	14,141.40		2200	1869		\$9,969.
F&I STRAW MULCH	SY	1643	\$0.30	\$	492.90		3310	2852		\$1,848.
F&I BUFFER MARKERS	EA	15	\$200.00	\$	3,000.00					\$0.
3 YEAR VEGETATION ESTABLISHMENT &										
WARRANTY PERIOD (9/15/21 TO 9/30/23)	LS	1	\$6,765.00	\$	6,765.00			0.66	0.34	\$6,765.
CO#1 COST OF LIVING INCREASE 5%	LS	1	\$10,675.00				1			\$10,675.
CO#2 REMOB	LS	1	\$1,000.00					1		\$1,000.
	-			,						φ <u>τ</u> ,000.
CO#2 RECONSTRUCT & REMOVE ACCESS ROAD	LS	1	\$11,700.00	Ś	11,700,00			1		\$11,700.
CO#2 BANK SLOPING	LS	- 1			7,800.00			1		\$7,800.
CO#3 CHANGE BY 6/15 TO 11/1/20-11/1/23			+,,	\$						\$7,800. \$0.
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				ې ح	- 5244,774.00					5764 024
Pay App 1 \$49,195.21				7	/,/ / +.00					\$264,934.
	-									
Pay App 2 \$55,236.71										
Pay App 3 \$99,722.21				-						
Pay App 4 \$1,940.10										
Pay App 5 \$38,875.02										
Pay App 6 \$13,200.00										
Pay App 7 \$2,232.45										
Pay App 8 \$2,232.45										
Final Pay App 9 \$2,300.10										