



## Memorandum

**To:** Bassett Creek Watershed Management Commission  
**From:** Barr Engineering Co.  
**Subject:** Item 5B: Project Update and Consider Approval of Application for Payment No. 2 for Main Stem Lagoon Dredging Project  
BCWMC March 16, 2023 Meeting Agenda  
**Date:** March 3, 2023

### Recommendation:

The Commission Engineer recommends that the Commission approve the Application for Payment No. 2 submitted by Fitzgerald Excavating & Trucking Inc. in the amount of \$886,217.00.

### Project Update

Fitzgerald Excavating & Trucking Inc. (Fitzgerald), the contractor performing the construction work for the Main Stem Lagoon Dredging Project submitted Application for Payment No. 2 (see attached) to cover work completed through February 28, 2023.

The work completed through February 28 includes mobilization, clearing and grubbing, erosion and sediment control, water control, dredging, and landfill disposal of 33,660 cubic yards of contaminated sediment. The total estimated amount of sediment to be removed by the end of the project is 39,600 cubic yards. The contractor began dredging work on January 9, 2023, starting in Lagoon E (middle of the three lagoons) and completed work in Lagoon E on February 17, 2023. The contractor began dredging sediment in Lagoon F (north of Lagoon E) on February 1, 2023, and completed work in Lagoon F on March 3, 2023. The contractor began dredging sediment in Lagoon D (south of Lagoon E) on February 20, 2023, and estimates work to be completed at Lagoon D on March 7, 2023.

Project challenges included warm weather (including rain), major snowfall, and freezing rain that made for more difficult construction conditions for the contractor. Despite these and other challenges, we anticipate the project to be completed this year. The Contractor anticipates completing work prior to spring road restrictions going into effect.

Commission Engineers continue to provide onsite construction observation on each working day. The Commission Engineer also maintains ongoing close contact with the contractor, MRPB staff, and the administrator. Onsite construction meetings are held with the contractor every week. The Commission Engineer receives daily reports from the landfill on quantities of dredge material delivered.

We recommend that the Commission approve and sign the Application for Payment No. 2 and pay Fitzgerald \$886,217.00 as set forth in the attached documents.

The commissioners can find information about the project on the BCWMC project webpage:  
[www.bassettcreekwmo.org/projects/all-projects/bassett-creek-main-stem-lagoon-dredging-project](http://www.bassettcreekwmo.org/projects/all-projects/bassett-creek-main-stem-lagoon-dredging-project).

**Application for Payment No. 2**  
**Main Stem Lagoon Dredging Project**  
**Bassett Creek Watershed Management Commission**

**Owner:** Bassett Creek Watershed Management Commission

**Contractor:** Fitzgerald Excavating & Trucking, Inc.      **Engineer:** Barr Engineering, Co.

For work accomplished through the date of February 28, 2023

1.0	Completed to Date:	<u>\$1,315,360.00</u>
2.0	Less Previously Billed:	<u>\$382,500.00</u>
3.0	Amount Completed This Period:	<u>\$932,860.00</u>
4.0	Amount Previously Retained:	<u>\$19,125.00</u>
5.0	Amount Retained This Period (See Note 1):	<u>\$46,643.00</u>
6.0	Total Amount Retained:	<u>\$65,768.00</u>
7.0	Retainage Released Through This Period:	<u>\$0.00</u>
8.0	Less Total Retainage Remaining:	<u>\$65,768.00</u>
9.0	Less Amounts Previously Paid:	<u>\$363,375.00</u>
10.0	Amount Due This Estimate:	<u><u>\$886,217.00</u></u>

Note 1: From the total amounts ascertained as payable, an amount equivalent to but not less than 5 percent of the whole will be deducted and retained by the BCWMC in protection of its interests until releases as hereafter provided.

**CONTRACTOR's Certification**

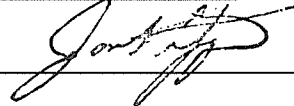
The undersigned CONTRACTOR certifies that: (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (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, claims, security interest and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.

**SUBMITTED BY:**

Name: Jason Fitzgerald      Date: 3/1/2023

Title: Owner

**Contractor:** Fitzgerald Excavation and Trucking

Signature: 

**RECOMMENDED BY:**

Name: Patrick Brockamp      Date: 03/01/2023

Title: Project Engineer

**Engineer:** Barr Engineering Co.

Signature: 

**APPROVED BY:**

Name: \_\_\_\_\_      Date: \_\_\_\_\_

Title: \_\_\_\_\_

**Owner:** Bassett Creek Watershed Management Commission

Signature: \_\_\_\_\_

**Main Stem Lagoon Dredging Project**  
**Bassett Creek Watershed Management Commission**  
**Summary of Work Completed Through February 28, 2023 for Progress Payment No. 2**

Item	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	Fitzgerald Excavation & Trucking		(1) Total Completed This Period		(2) Total Completed Previous Periods		(3) Total Completed To Date	
				UNIT COST	EXTENSION	QUANTITY	EXTENSION	QUANTITY	EXTENSION	QUANTITY	EXTENSION
1	Mobilization / Demobilization	LS	1	\$ 198,000.00	\$ 198,000.00	0.25	\$ 49,500.00	0.5	\$ 99,000.00	0.75	\$ 148,500.00
2	Clearing and Grubbing	LS	1	\$ 40,000.00	\$ 40,000.00	0.5	\$ 20,000.00	0.2	\$ 8,000.00	0.7	\$ 28,000.00
3	Erosion and Sediment Control	LS	1	\$ 5,000.00	\$ 5,000.00	0.25	\$ 1,250.00	0.5	\$ 2,500.00	0.75	\$ 3,750.00
4	Control of Water and Dewatering	LS	1	\$ 10,000.00	\$ 10,000.00	0.25	\$ 2,500.00	0.5	\$ 5,000.00	0.75	\$ 7,500.00
5	Remove and Dispose of Dredged Material at Landfill (P)	CY	39600	\$ 33.50	\$ 1,326,600.00	25660	\$ 859,610.00	8000	\$ 268,000.00	33660	\$ 1,127,610.00
6	Live Stakes	EACH	50	\$ 12.00	\$ 600.00	0	\$ -	0	\$ -	0	\$ -
7	Seeding - Seed Mix 1	ACRE	0.06	\$ 3,000.00	\$ 180.00	0	\$ -	0	\$ -	0	\$ -
8	Seeding - Seed Mix 2	ACRE	0.4	\$ 3,000.00	\$ 1,200.00	0	\$ -	0	\$ -	0	\$ -
9	Seeding - Seed Mix 3	ACRE	0.13	\$ 3,000.00	\$ 390.00	0	\$ -	0	\$ -	0	\$ -
10	Hydromulch	SY	1000	\$ 1.00	\$ 1,000.00	0	\$ -	0	\$ -	0	\$ -
11	Erosion Control Blanket	SY	3000	\$ 2.00	\$ 6,000.00	0	\$ -	0	\$ -	0	\$ -
<b>BASE BID TOTAL</b>					<b>\$ 1,588,970.00</b>	<b>\$ 932,860.00</b>		<b>\$ 382,500.00</b>		<b>\$ 1,315,360.00</b>	
<b>CHANGE ORDER - ADDITIONAL ITEMS</b>											
					\$ -	0	\$ -	0	\$ -	0	\$ -
<b>SUBTOTAL CHANGE ORDERS</b>					<b>\$ -</b>	<b>\$ -</b>		<b>\$ -</b>		<b>\$ -</b>	
<b>TOTAL BASE BID PLUS CHANGE ORDERS</b>					<b>\$ 1,588,970.00</b>	<b>\$ 932,860.00</b>		<b>\$ 382,500.00</b>		<b>\$ 1,315,360.00</b>	
<b>RETAINAGE (5%)</b>						<b>\$ 46,643.00</b>		<b>\$ 19,125.00</b>		<b>\$ 65,768.00</b>	
<b>TOTAL AMOUNT DUE:</b>						<b>\$ 886,217.00</b>		<b>\$ 363,375.00</b>		<b>\$ 1,249,592.00</b>	