

BEAR CREEK
INTER-COUNTY DRAINAGE BOARD
JUNE 28, 2017
10:00 a.m.
AGENDA

	<u>Page</u>
1. Call meeting to order and roll call	
2. Approval of Agenda	
3. Public participation	
4. Approval of minutes of meeting of May 24, 2017	2
5. Consideration of approval of invoices:	5
See attached spreadsheet	
6. SAW Grant Update – Anderson, Eckstein & Westrick, Inc.	
7. Financial Update – Bruce Manning	6
8. Old Business	
9. New Business	
10. Adjourn	

A meeting of the Inter-County Drainage Board for the **BEAR CREEK DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan on May 24, 2017.

PRESENT: Michael Gregg, Chairman
Michigan Department of Agriculture & Rural Development

Candice Miller, Secretary
Macomb County Public Works Commissioner

Jim Nash, Member
Oakland County Water Resources Commissioner

ALSO PRESENT: Brian Baker, Chief Deputy, Keith Graboske, P.E., Chief Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Acting Financial Manager, Lynne Seymour, P.E., Environmental Engineer, Tom Stockel, Construction Manager, Anthony Forlini, Operations Manager, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Anne Vaara, Chief Deputy, Jim Wineka, P.E., Assistant Chief Engineer, Office of Oakland County Water Resources Commissioner; Gordon Wilson, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick (AEW)

The Chairman called the meeting to order at 11:24 a.m.

A motion was made by Ms. Miller, supported by Mr. Nash and unanimously carried to approve the agenda as presented.

The minutes of the meeting of April 26, 2017 were presented. A motion was made by Ms. Miller, supported by Mr. Nash and unanimously carried to approve the minutes as presented.

The Chairman presented the invoices totaling \$31,073.00 as provided to the board for review and approval.

Motion was made by Mr. Nash, supported by Ms. Miller to approve the invoices as presented.

AYES: Nash, Miller and Gregg

NAYS: None

Motion approved.

A Letter of Engagement from Fahey, Schultz, Burzych, Rhodes, PLC to perform an evaluation of the various Bear Creek Drains was presented to the Board for approval.

Mr. Graboske explained that once the engagement letter is signed, Fahey, Schultz, Burzych, Rhodes, PLC will meet with Oakland and Macomb Counties to develop tasks and scope of work. The Michigan Department of Agriculture & Rural Development (MDARD) will work with Fahey, Schultz, Burzych, Rhodes, PLC to provide access to their files.

A motion to authorize the services agreement with Fahey, Schultz, Burzych, Rhodes, PLC and authorize Mr. Gregg to sign the Letter of Engagement was made by Mr. Nash, supported by Ms. Miller.

AYES: Nash, Miller, Gregg

NAYS: None

Motion approved.

Mr. Gregg asked Macomb County to mail the Letter of Engagement and a draft of the Minutes to Fahey, Schultz, Burzych, Rhodes, PLC.

The SAW Grant is in the final phases, and Mr. Wilson was unable to put together three proposals that the Board requested. Until the Bear Creek Drainage Districts are delineated, only an hourly proposal can be provided at this time for the first request. The second request was for assistance with green infrastructure and educating communities to develop pilot projects. The third request was for rehabilitation of the pipes. There is approximately \$500,000 worth of work that should be performed. AEW would like to put together a proposal with a list of work to be done. There is one project that will cost about \$100,000 and another for \$530,000, which includes \$400,000 in construction on the Bear Creek Enclosure. AEW has created a district-wide map showing the deficiencies in the system, which total close to \$1 million. Ms. Vaara asked that AEW coordinate efforts on green infrastructure with the Clinton River Watershed Council.

There is a sinkhole and an outlet that has been damaged on the Bear Creek. Water samples were collected and sent for testing on the damaged outlet. Mr. Stockel believes that material build-up in the pipe is cement washout and GM should be responsible for the replacement of the pipe. GM has approximately 8,000 feet of open channel drain and a few thousand feet of enclosed drain for parking areas. There is 1 to 2 feet of sediment in the drain, which GM's contractor has cleaned out using a permit obtained through the Macomb County's Public Works Office Soil Erosion Department. The contractor is cutting trees and this work should be complete within the next 2 to 3 weeks. There is a corrugated metal pipe (CMP) tapped into the Bear Creek. Near the top of the structure, a sinkhole has formed. Mr. Stockel spoke to GM's contractor and is hopeful that GM will authorize the repair. AEW has inspected the drain, manholes and taps on the portion of the Bear Creek that runs through the GM site.

Ms. Miller excused herself from the meeting.

The SAW Grant Assessment Management Plan and green infrastructure plans are complete. The stormwater management plan needs a few minor revisions. AEW has inventoried and assessed all the assets and prepared a couple of different funding options for repairs and estimates for repairs dependent on how much money is in each drainage district. The MDEQ has asked for additional information on the summary previously submitted by AEW. Location maps and locations of defects maps have been produced. Cleaning of the drain through use of SAW Grant monies can only be done to help with the inspection of the drain.

The final report will be available on May 31, 2017.

A motion to receive and file the Anderson, Eckstein & Westrick, Inc. report was made by Mr. Nash, supported by Mr. Baker.

AYES: Nash, Baker, Gregg

NAYS: None

Motion approved.

A summary of all Bear Creek Drain cash balances were provided. The O&M balance of \$250,354.35 for the Bear Creek includes the 10% match required for the SAW Grant.

A motion to receive and file the Bear Creek Trial Balance, dated October 1, 2016 – April 30, 2017 as submitted was made by Mr. Nash, supported by Mr. Baker.

AYES: Nash, Baker and Gregg

NAYS: None

Motion approved.

The next meeting was scheduled for June 28, 2017.


There being no further business coming before the Board, the meeting was adjourned at 12:09 p.m. by Mr. Gregg on a motion by Mr. Nash, supported by Mr. Baker and unanimously approved.



Brian Baker, Acting Secretary
Bear Creek Inter-County Drainage Board

STATE OF MICHIGAN
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Inter-County Drainage Board for the Drainage District shown on the attached set of Minutes, on May 24, 2017, the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



Brian Baker, Acting Secretary
Bear Creek Inter-County Drainage Board

DATED: 5/25/17

8723.bd

Bear Creek Drain - 6/28/17

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
Bear Creek	Chapter 21 SAW Grant 1407-01	Graboske	Anderson, Eckstein & Westrick, Inc.	\$ 40,881.50	Invoice #0114019 - 5/23/17 Engineering Services - 4/3/17 - 4/30/17	Engineering Oversight, Manhole/CB Inspections, GIS Mapping/Surveying, CCTV Coordination	\$ 58,046.82
	SAW Grant 1407-01	Graboske	Anderson, Eckstein & Westrick, Inc.	58,046.82	Invoice #0114102 - 5/31/17 Engineering Services - 5/1/17 - 5/28/17	Engineering Oversight, Manhole/CB Inspections, GIS Mapping/Surveying, CCTV Coordination	0
	SAW Grant 1407-01	Graboske	Fishbeck, Thompson, Carr & Huber, Inc.	\$ 662.50	Invoice #367364 - 5/31/17 Engineering Services - ending 5/19/17	Bear Creek SAW Grant oversight	\$ 13,978.00
		Graboske	Ultimate Lawn Services	\$ 520.00	Invoice#3705 - 5/23/17	Mowing of Bear Creek Drain	
		Graboske	Ultimate Lawn Services	\$ 520.00	Invoice #3721 - 6/12/17	Mowing of drain	
Total				\$ 100,630.82			

YTD Trial Balance

Fund: Bear Creek

As of Fiscal Period: Oct 1, 2016-May 31, 2017

	O&M Balance 9/30/2016	O&M	Total 5/31/2017
Cash - Operating ⁽¹⁾	250,354.35	(17,679.60)	232,674.75
Accounts Receivable			0.00
Assets			0.00
Liabilities			0.00
Revenues		5,714.40	5,714.40
Expenditures ⁽²⁾		23,394.00	23,394.00
Equity	250,354.35		232,674.75
	0.00		0.00

NOTES

1) O&M cash balance reflects the 10% match required for the grant

2) Bear Creek's portion of invoice over SAW grant

Remaining Balance-SAW 1407-01 -

OTHER BEAR CREEK AVAILABLE CASH BALANCES	5/31/2017
Bear Creek Enclosure	810,575.03
Bear Creek GM Enclosure	3,136.96
Bear Creek Warren Branches	121,313.34
Bear Creek Warren Branches #2	134,220.48
TOTAL ALL BEAR CREEK	1,301,920.56