

MECOSTA COUNTY DRAIN COMMISSIONER 2016 ANNUAL REPORT



Orient-Fork Intercounty Drain

Fork Township, Mecosta County and Orient Township, Osceola County

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PREFACE

TO THE MECOSTA COUNTY BOARD OF COMMISSIONERS

In compliance with the provisions of the Michigan Drain Code, Section 31 of Chapter 2, of Act No. 40, of the Public Acts of 1956, I am pleased to submit the 2016 Annual Report for the Mecosta County Drain Commissioner's Office.

This report is for the period beginning January 1, 2016 and ending on December 31, 2016.

The Drain Commissioner's Office is a unique office, whose jurisdiction includes 39 County Drains, 7 County Lake Level Control Structures, and 3 Lake Improvement Boards. This office is also the County Enforcing Agency for the Michigan Soil Erosion & Sedimentation Control Program, Part 91 of PA 451, Natural Resources and Environmental Protection Act. All employees in the Drain Commissioner's Office are certified to enforce this program. We also review storm water site plans for Mecosta County, Mecosta Township and Morton Township building and zoning departments.

This report is not only an accounting of the funds for our drains and lake level accounts, but also an overview of the projects we have worked on in 2016.

If you have any questions regarding the contents of this report, please do not hesitate to contact the Drain Commissioner's Office.

2016 COMMITTEES, APPOINTMENTS & MEETINGS

Michigan Association of County Drain Commissioners (MACDC)

The President of the Association appointed the Drain Commissioner to serve on the following committees.

- Secretary – MACDC Board of Directors
- Secretary – MACDC Legislative Committee

Michigan Association of County Drain Commissioners - Northwest District

The MACDC Northwest District holds meetings on a quarterly basis throughout the District.

Drain Committee

The Drain Committee meets quarterly with the purpose of keeping the County Board of Commissioners informed of projects that might involve their districts or the County as a whole. The members of this committee were Chair Jerrilynn Strong, Linda Howard, Ray Steinke, alternate Eric O'Neil and the Drain Commissioner.

Mecosta County Park Commission

The Drain Commissioner is a Board member of the County Park Commission, which sets policy for the parks and oversees the general operation of the County Park system. Park Board positions held by the Drain Commissioner are:

- Secretary
- Master Plan Committee
- Personnel

Department of Public Works (DPW)

The purpose of forming the DPW is to allow the County the ability to participate with townships, villages or cities, in financing of bonds for projects involving water supply systems, sewage disposal systems, refuse systems, lake improvements and erosion control systems within the county. The County's participation, in many instances, could allow the municipality to receive better interest rates on a bond issue.

- Board Member

Michigan Lake & Stream Association

- Member

Lake Improvement Boards

- Brady Lake Improvement Board - Aetna Township - Member
- Jehnsen Lake Improvement Board - Martiny Township – Secretary and Treasurer
- Tri-Lakes Improvement Board - Morton Township - Secretary

West Michigan Soil Erosion Control Network (WMSECN)

- Member

Local Emergency Planning Team (FEMA/LEPT)

This committee develops contingency plans for use in emergencies such as chemical spills, gas leaks, chlorine leaks, etc. Members of this committee come from various area agencies such as, the Health Department, Social Services, Sheriff's Department, Hospital, City of Big Rapids, etc.

Mecosta County Township Association (MTA)

The Mecosta Township Association holds meetings on a quarterly basis throughout the County.

Certified Soil Erosion and Sedimentation Control Enforcing Agency for Mecosta County

As of March 16, 2001, the Drain Commissioner's Office became the County Enforcing Agency (CEA) for Mecosta County Soil Erosion and Sedimentation Control. All staff members are certified by the State of Michigan Department of Environmental Quality (DEQ) to issue permits and perform inspections.

2016 COUNTY DRAIN PROJECTS

Blanchard Joint Drain – Millbrook Township

The Blanchard Joint Drain is a joint/intercounty drain with Isabella County. Established in 1916, in Sections 24 & 25 of Millbrook Township, Mecosta County, and Sections 17, 18, 19, 20 & 30 of Roland Township, Isabella County. The length of this drain in Mecosta County is 1.26 miles and 3.71 miles in Isabella County, for a total length of approximately 4.97 miles. This is a combination of open ditch and tiled drain.

We continue to have complaints of broken tiles and flooded properties from property owners/farms in this drainage district in both Isabella & Mecosta Counties. In May of 2015, we received a petition to do maintenance work on the drain from a property owner in Isabella County. In October, 2015, an Inter-County Drainage Board Hearing for the Determination of Practicability was held at the request of Isabella County Drain Commissioner. It was determined that maintenance/repair work is needed. In November 2015, an Engineering firm was hired to inspect the drain to see where the problem areas are.

As of the end of December 2016, this project is still in the planning stage, with DEQ permits to be applied for and final site plans to be approved.

We hope work will begin on this drain project in 2017.

Culp Drain – Millbrook Township

The Culp Drain was established in May of 1909. Located in Sections 22, 23, 24, 26, 27 & 28 of Millbrook Township, this is an open ditch drainage system approximately 4.23 miles in length.

In September 2014, we received a petition for maintenance on this drain. A Board of Determination took place in January 2015. It was determined that maintenance/repair work was needed. The project was put out to bid and contractor was hired. Work began in June 2015. Work included establishing the drain to its original depth, removing obstructions, removing accumulated sediment and replacing culverts. This project was completed in 2016.

Mark Meeker Drain – Sheridan Township

The Mark/Meeker Drain was established in 1975, is located in Sections 9, 10 and 16 of Sheridan Township and is an open ditch system.

In 2016, we received a complaint of beaver activity. Five beavers and a beaver dam were removed from this drain.

Northgate Drain – Green Township

The Northgate Drain was established in 1990, located in Section 3 of Big Rapids Charter Township and Sections 33 and 34 of Green Charter Township, the length of the drain is 2.28 miles, including both open ditch and underground tile.

A contractor was hired to remove brush from the grates.

Orient-Fork Drain – Fork Township

The Orient-Fork Drain is an intercounty drain with Osceola County. Established in 1928, in Section 1 of Fork Township, Mecosta County, and Section 36 of Orient Township, Osceola County. This is an open ditch drain with a total length of 5,130 feet.

We received a complaint of property flooding and standing water along Meceola Road. An Intercounty Drain Board Meeting was called to address the need for maintenance/repair of this drain. The Drainage Board deemed that maintenance was necessary and proceeded with hiring an engineer to inspect the condition of the drain and review the district boundaries.

A local contractor was hired to brush the drain and dip out the ditch line between Meceola Road and Evergreen Road. At the end of 2016, this project was not complete, we will continue to establish the ditch line further south of Meceola Road in 2017.

Snow Drain – Hinton Township

The Snow Drain was established in January of 1907 and is located in Hinton Township, Sections 24, 29, 30, & 32. This a tiled and open ditch drain approximately 2.24 miles in length.

In June 2015, we received a petition from a property owner in the district to do some maintenance on this drain. A Board of Determination was held in August. The project was deemed necessary. An engineering firm was hired to inspect the drain to see where the problem areas are at.

Work on this drain will include brushing the entire length of drain of brush/trees and miscellaneous debris, upsize road culverts, installing an ag-drain to control water from a wetland and some work for a property that has flooding issues from water that backs up onto his property. Work on the Snow Drain will begin in 2017.

2016 ESTABLISHED LAKE LEVEL PROJECTS

Mecosta County has seven lake level control structures with court ordered lake levels established. The Drain Commissioner is the delegated authority for the care and control of these structures. Listed below are the lake level control structures that had work done on them during 2016.

Blue Lake – Morton Township

The Blue Lake Dam is located in Section 17 of Morton Township. The Lake Level was established on September 9, 1982, with a summer level of 959.50 feet above mean sea level.

After much research, we have determined that the Blue Lake Dam has only one Court Ordered elevation, which is a Summer Level of 959.50 NGVD.

In January 2016, the Drain Commissioner's office hired Mid-Michigan Engineering to check the level of the concrete slab the boards sit on to see if it was at the proposed winter level of 958.81 NGVD. We asked Mid-Michigan Engineering to help determine this as they were the engineering firm that designed the structure.

It was confirmed by Mid-Michigan that with boards down and in place, the top of the first board of the structure is at the summer level of 959.50. The concrete pad the boards sit on when down, is the proposed winter level of 958.81.

The Court Order states we may raise or lower the water level as necessary to maintain the lake level.

In the winter, we will continue to raise the boards to lower the lake level. This will be done around November 1st, which is when we raise boards on other lake level control structures in the County. In doing this we will be preparing for the high waters of the spring and to better maintain the summer level and hopefully help prevent any flooding events caused by high water on the lakes.

So, even though there is not an established winter level, we will continue to lower the water in the winter preparing for spring thaw and rains that contribute to the higher summer levels we have witnessed in the past.

Chippewa Lake Dam – Chippewa Township

The Chippewa Lake Dam is located in Section 32 of Chippewa Township. The Lake Level was established on January 19, 1972 at 1065.2 feet above mean sea level.

Beaver activity is an ongoing problem at this dam. In 2016, three beavers were removed. We along with the trapper, routinely pull beaver-generated sticks and brush from the control structure.

Long Lake Dam – Chippewa Township

The Long Lake Dam is located in Section 17 of Chippewa Township. The lake consists of approximately 66 acres of main lake and 20.5 acres of marsh. The Lake Level was established on August 10, 1993, at 1112.5 feet above mean sea level.

In 2016, five beavers were removed from the area of Long Lake Dam. We along with the trapper, and a close neighbor, routinely pull the beaver-generated sticks and brush from the control structure.

2016 LAKE IMPROVEMENT BOARDS

Natural Resources and Environmental Protection Act (Excerpt) Inland Lake Improvement Act Part 309 of Act 451, P.A. of 1994, as Amended

Part 309 of Act 451, P.A. of 1994, as amended, is known as the "Inland Lake Improvement Act". This Act provides for the improvement of certain inland lakes. These improvements might include, weed control, dredging, removal of undesirable materials from lakes and authorizes the raising of money by taxation and special assessments.

The act provides for the establishment of a "Lake Board" that is charged with the responsibility of carrying out desired improvements.

On public inland lakes, lake boards may be established by the governing body of a local unit (City, Village, Township or County) upon its own motion or by petition of 2/3 of the freeholders owning lands abutting the lake. Such action can be taken by the governing body of any local unit in which all or any part of the lake is located.

On private inland lakes, a lake board can be established by petition only.

For more information on the Inland Lake Improvement Act, you can contact our office or go on-line at www.legislature.mi.gov, Public Act 451, Part 309.

Each year we report on the activity of each of the Lake Boards on which the Drain Commissioner serves as a Board Member. These are as follows:

Brady Lake Improvement Board – Aetna Township
Jehnsen Lake Improvement Board – Martiny Township
Tri-Lakes Improvement Board – Morton Township
(Round Lake, Blue Lake & Lake Mecosta are the Tri-Lakes)



BRADY LAKE IMPROVEMENT BOARD

With a maximum depth of 19 feet, Brady Lake covers 58 acres in Aetna Township. A Lake Level Control Structure was established on the west side of the lake in 1982. A Lake Improvement Board was established in the spring of 1988 to treat the weeds in Brady Lake.

This Lake Improvement Board meets once a year when property owners hold their annual meeting. The Lake Improvement Board met on May 7, 2016, at the Aetna Township Hall.

Officers were re-elected and consist of: Gary Dubridge, President; Dee Barringer – Aetna Township Clerk, Secretary and Treasurer; Ray Steinke, Mecosta County Board of Commissioner; Jackie Fitzgerald, Mecosta County Drain Commissioner; and Jim Welmerink, Property Owner.

Because the Brady Lake Improvement Special Assessment District did not get assessed in the Winter of 2015, it was moved to do two special assessments in 2016 (Summer & Winter). That will get us back on track and then in 2017, only one special assessment for the lake improvement district which will occur on the winter 2017 tax. Also, there were some questions and concerns about the cloudiness of the lake. After much discussion it was decided the President Gary Dubridge would look into what a study would cost. This will be discussed at the next meeting in 2017, or if necessary a board meeting can be called to discuss the necessity of a lake study to be done.



JEHNSEN LAKE IMPROVEMENT BOARD

With a maximum depth of 18 feet, Jehnsen Lake covers 270 acres in Martiny Township and is located north of Horsehead Lake. The Lake has approximately 3 square miles of drainage. A private dam was constructed a number of years ago at the outlet where Jehnsen Lake flows into Horsehead Lake.

In September of 2007, Martiny Township Board established the Jehnsen Lake Improvement Board, after receiving petitions signed by 74% of the freeholders owning lands abutting Jehnsen Lake.

The Lake Improvement Board met on May 24, 2016. The board consists of Ray VanVelson, Chair; Jackie Fitzgerald, Secretary and Treasurer; Jerrilynn Strong, Mecosta County Commissioner; Kay Vestergaard, Township Representative; and Julie McDonald, Property Owner Representative. Election of officers was held and will stay the same for 2016.

Paul Hausler from Progressive AE gave an update of the lake and the proposed treatments for 2016.



TRI-LAKES LAKE IMPROVEMENT BOARD

The Tri-Lakes consist of Round Lake, Blue Lake and Lake Mecosta, totaling 700 acres of spring fed water. The Tri-Lakes Lake Improvement Board was established in 1989, this Board was formed for the protection of public health, safety and welfare; the conservation of natural resources; and the preservation of property values on the lakes.

The Lake Improvement Board met on September 7, 2016. The board consists of Mark Wrona, Chair; Sandy Brogan, Treasurer; Jackie Fitzgerald, Secretary; Linda Howard, Mecosta County Commissioner and Dave Lewis, Property Owner. There were no changes to the board in 2016.

Tony Groves from Progressive AE provided an update on the condition of the Tri-Lakes and the treatments that took place over the summer. There was some discussion on how public notices concerning herbicide treatment were placed around the lake. Pros and cons of dredging the channel were discussed. Next year will be the final year of the 5-year budget and our contract with Progressive AE. We will meet in early spring 2017, to discuss and finalize the upcoming budget and plan the next steps in the Public Hearing process.



2016 SERVICE REQUEST SUMMARY

We received 94 Service Requests in 2016. These involved reports of various issues in all Mecosta County's townships. The crux of the major complaints and service requests seem to be too much water or too little water. That is, reports of high or low lake levels, and issues with flooding. In addition, we have fielded numerous questions regarding soil erosion and sedimentation control issues. We were able to handle most of the Service Requests received in office, although some inquiries were referred to other agencies (i.e., DEQ and MCRC).

The following is a breakdown of the number of requests by Township. If you are interested in the type of Service Requests received for your township, let us know and we can get you a detailed report for those requests.

Township	Requests
Aenta	3
Austin	2
Big Rapids	10
Chippewa	6
Colfax	3
Deerfield	7
Fork	3
Grant	2
Green	5
Hinton	6
Martiny	19
Mecosta	8
Millbrook	3
Morton	7
Sheridan	7
Wheatland	3
Total	94

**SOIL EROSION & SEDIMENTATION CONTROL (SESC) REPORT
As of December 31, 2016**

	<u>2016</u>	<u>2015</u>
New SESC Permits	168	156
Renewed SESC Permits	58	58
SESC Exemptions	17	15
SESC Inspections	570	457
Service Requests	94	99
Drain Permits	2	2
DEQ Permits	25	41
DEQ Violations	1	4

2016 Total New Permit Revenue Submitted to County General Fund:	\$13,635.00
2016 Total Permit Renewal Revenue Submitted to County General Fund:	<u>\$ 2,852.50</u>
Total:	\$16,487.50

**2016 SESC PERMIT HIGHLIGHTS
(Utility, Commercial & Industrial)**

<u>Entity</u>	<u>Township</u>	<u>Description</u>
ANR Pipeline	Austin	Recoating of pipelines at various locations
Meijer	Big Rapids Ch. Twp.	Re-pave parking lot
GFJ Investments, LLC	Big Rapids Ch. Twp.	Expansion of Campus Creek Apt.
Big Rapids Charter Twp.	Big Rapids Ch. Twp.	Construction of sidewalk along Perry Street
K-Berger IV, LLC	Big Rapids Ch. Twp.	Construction of a Culver's Restaurant
City of Big Rapids	Big Rapids Ch. Twp.	Extension of water main along Gilbert Road
Ferris State University	City of Big Rapids	Removal of student housing units
Ferris State University	City of Big Rapids	Creation of intermural football and soccer fields
Ferris State University	City of Big Rapids	Reconstruction of softball practice fields
Ferris State University	City of Big Rapids	Demolition and reconstruction of residence hall
City of Big Rapids	City of Big Rapids	Installation of storm water outfall in Osborn Circle
TPRE-BR, LLC	City of Big Rapids	Construction of O'Reilly Auto Parts Store
Midwest V, LLC	Fork	Construction of Dollar General Store
CASAIR	Mecosta	Construction of telecommunications tower
ANR Pipeline	Mecosta	Hydrostatic testing of gas pipelines
Nestle Waters North America	Mecosta	Expansion of Ice Mountain facility
Verizon	Millbrook	Construction of cell tower
RRL Ventures, LLC	Morton	Construction of self-storage facility
Tullymore	Morton	Construction of new homes
Family Dollar	Morton	Construction of a Family Dollar Store

Sand & Gravel Pits Soil Erosion and Sedimentation Control (SESC) permit information

Number of active Commercial Sand and Gravel Pits as of December 31, 2016 by Township:

Township	Number
Aetna	1
Big Rapids	2
Colfax	3
Deerfield	1
Fork	4
Green	5
Martiny	1
Mecosta	3
Millbrook	1
Morton	1
Total	<u>22</u>

The SESC permit fees are \$100.00 per year and renew annually. A new site plan and permit are required every three years.

We have information such as:

- Property owner
- Mining company
- Site diagram/plans of the parcel(s) involved
- Sand/Gravel pit size
- Site inspection results

FINANCIAL SECTION: EXPLANATION OF FUNDS

Under PA 40 of 1956 (Michigan Drain Code – As Amended), the Mecosta County Drain Commissioner is the administrator of any County Drain Funds or any other special funds created for and used by this office and has the sole authority for their use.

The following is a brief explanation of the Drain Funds and any other special fund used by the Drain Commissioner. If you have any questions regarding any of these, please feel free to contact the Drain Commissioner's Office.

FUND #801: COUNTY DRAIN FUND ACCOUNTS

Each Drain and Lake Level, under the authority of the Drain Commissioner, has a specific name and number (i.e. Barryton Drain – Fund #801.01). Records must be maintained showing all activity in each of these accounts. The 801 account funds can only be used for the drain they are assigned. For example, funds in the Barryton Drain – Fund #801.01 cannot be used to pay for repair, maintenance work, etc. done on the Blanchard Joint Drain – Fund #801.02. This is because each drain has a specified district, which can be assessed for the work that has been done. If a drain or lake level needs repair, the payment for said work is taken from their specific fund. If there are not enough funds in their account, the necessary funds are borrowed from the Revolving Drain Fund until an assessment for that district can be done. The Drain Commissioner has up to 2 years to assess a district for maintenance and repairs.

FUND #802: REVOLVING DRAIN FUND

The Mecosta County Board of Commissioners established the Revolving Drain Fund with the starting amount of \$17,440.00. In 2015, The Mecosta County Board of Commissioners increased the available funds by \$30,000.00. The total available is now \$47,440.00. This money is used for Drain or Lake Level projects when there is not sufficient funding in their Drainage District account. This fund is then reimbursed from the Drainage District, when collection of their Special Assessment is completed. In 2000, we started receiving interest (LAMP Interest) on the Revolving Drain Fund. For more information on the amount of interest received, see the Revolving Drain Fund Report.

SPECIAL FUNDS

FUND #506: PLAT REVIEW FEES

This fund was created by Resolution on September 16, 1999, for the purpose of allowing the Drain Commissioner the funds necessary to review Subdivision Plats, Site Condominiums and Mobile Home Parks. Fees collected for reviewing these plats will go into this fund to be used for consulting and engineering expenses when necessary.

FUND #101-477: SOIL EROSION & SEDIMENTATION CONTROL FEES

In March of 2001, the Drain Commissioner's Office acquired the Soil Erosion Department for Mecosta County. For more information on fees collected, see the report for Soil Erosion Permits.

**DRAIN ORDERS ISSUED
FOR YEAR ENDING DECEMBER 31, 2016**

DRAIN ORDER #	DATE	AMOUNT	DRAIN FUND #	DRAIN NAME	ISSUED TO	EXPLANATION
1-16	02/25/16	\$ 600.00	801.03	Blue Lake Dam	Mid-Michigan Engineering	Survey of Blue Lake Dam. Hired to confirm the elevation of the boards on the control structure.
2-16	04/07/16	\$ 100.00	801.24	Mark/Meeker Drain	Lavern Young	Removal of 2 beavers.
3-16	04/08/16	\$ 63.54	801.07	Chippewa Lake Dam	Lowe's	Replace 6 padlocks at Chippewa Lake Dam.
4-16	05/02/16	\$ 12.61	801.02	Blanchard Jt. Drain	Mecosta County	Postage to mail Intercounty Hearing of Necessity meeting notice to district.
5-16	05/05/16	\$ 166.30	801.02	Blanchard Jt. Drain	The Pioneer Group	Publish Notice of Drainage Board Hearing of Necessity meeting.
ICDO 1-16	05/09/16	\$ 39.85	801.02	Blanchard Jt. Drain	Isabella County Drain Comm.	Mecosta County's portion of court reporting services for Necessity meeting.
6-16	05/12/16	\$ 18,133.55	801.09	Culp Drain	Hastings City Bank	Culp Drainage District loan payment #1 due 6/1/16.
7-16	05/12/16	\$ 9,245.75	801.39	Willmer Drain	Joanne Lee	Willmer Drainage District loan payment #1 due 6/1/16.
8-16	05/12/16	\$ 200.00	801.48	Northgate Drain	FMB Stumpgrinding	Brush removal from 2 drain grates.
9-16	05/23/16	\$ 11,486.75	801.09	Culp Drain	Spicer Group Inc.	Professional services rendered through 4/30/16.
10-16	05/23/16	\$ 5,389.00	801.32	Snow Drain	Spicer Group Inc.	Professional services rendered through 4/30/16.
11-16	06/13/16	\$ 150.00	801.07	Chippewa Lake Dam	Lavern Young	Removal of 3 beavers.
12-16	06/13/16	\$ 84.13	801.49	Long Lake Dam	Lavern Young	Removal of 1 beaver from Long Lake Dam and replace 2 stolen traps.
13-16	08/08/16	\$ 150.00	801.24	Mark/Meeker Drain	Lavern Young	Removal of 3 beavers.
14-16	08/22/16	\$ 5,960.00	801.27	Orient/Fork Drain	Spicer Group	Professional services rendered through 5/21/16.
15-16	09/09/16	\$ 42.25	801.46	Pretty Lake Dam	Woodworth & Associates	For legal services rendered in Court of Claims File #15-1499-MZ for Pretty Lake Dam DNR claim.
16-16	09/12/16	\$ 4,022.00	801.32	Snow Drain	Spicer Group Inc.	Professional services rendered through 8/13/16.
17-16	09/12/16	\$ 100.00	801.49	Long Lake Dam	Lavern Young	Removal of 2 beavers.
18-16	10/07/16	\$ 302.30	801.27	Orient/Fork Drain	The Pioneer Group	Publish Notice of Day of Review and Maintenance Assessment Notice.
19-16	10/24/16	\$ 246.00	801.53	Ives Drain	Fahey Schultz Burzych Rhodes PLC	Attorney fees to draw up agreement with City of Big Rapids.
20-16	11/14/16	\$ 450.00	801.24	Mark/Meeker Drain	Barryton Excavating	Removal of beaver dam from drain.
21-16	11/14/16	\$ 100.00	801.49	Long Lake Dam	Lavern Young	Removal of 2 beavers.
22-16	11/21/16	\$ 4,070.75	801.32	Snow Drain	Spicer Group Inc.	Professional services rendered through 10/08/16.
23-16	12/28/16	\$ 54,223.40	801.09	Culp Drain	Barryton Excavating LLC	Labor and materials for work on Culp Drain.
TOTAL		\$ 115,338.18				

**DRAIN PERMITS ISSUED
For the Year Ended December 31, 2016**

DRAIN PERMIT #	DATE	AMOUNT	DRAIN FUND #	DRAIN NAME	PERMIT #	ISSUED TO
DP # 1-16	08/22/16	\$ 50.00	801.35	Tonkin Drain	PSEP 16-0098	GFJ Investments (Campus Creek Townhouse Cottages)
DP # 2-16	11/29/16	\$ 50.00	801.51	Waldron Drain	PSEP 16-0162	K-Berger IV LLC (Culver's Restaurant)
		\$ 100.00		Total		

DRAIN FUND JOURNAL ENTRIES AND TRANSFERS REPORT
FOR YEAR ENDING DECEMBER 31, 2016

Drain Fund #801					
County Loan Fund #516					
Revolving Drain Fund (RDF) #802					
			FROM	TO	
DATE	JER #	AMOUNT	FUND	FUND	EXPLANATION
04/29/16	JER # 1-16	\$ 2,872.78	801.29	802.00	Pine Lake Drain to repay Revolving Drain Fund
05/23/16	JER # 2-16	\$ 5,389.00	802.00	801.32	Snow Drain to borrow from Revolving Drain Fund
06/21/16	JER # 3-16	\$ 2,782.33	801.02	802.00	Blanchard Jt. Drain to repay Revolving Drain Fund
06/21/16	JER # 4-16	\$ 918.76	801.49	802.00	Long Lake Dam to repay Revolving Drain Fund
06/27/16	TRF # 1-16	\$ 12,355.45	801.14	516.00	Green Drain to repay County Loan \$12,000 principle, \$355.45 interest
06/27/16	TRF # 2-16	\$ 9,946.29	801.18	516.00	Jenkins Drain to repay County Loan \$9,796.08 principle, \$150.21 interest
06/27/16	TRF # 3-16	\$ 41,547.33	801.34	516.00	Stevens Drain to repay County Loan \$40,000.00 principle, \$1,547.33 interest
08/23/16	JER # 5-16	\$ 5,945.31	802.00	801.27	Orient Fork Drain to borrow from Revolving Drain Fund
09/12/16	JER # 6-16	\$ 4,022.00	802.00	801.32	Snow Drain to borrow from Revolving Drain Fund
09/12/16	JER # 7-16	\$ 97.75	802.00	801.49	Long Lake Dam to borrow from Revolving Drain Fund
11/14/16	JER # 8-16	\$ 322.27	802.00	801.24	Mark Meeker Drain to borrow from Revolving Drain Fund
11/14/16	JER # 9-16	\$ 100.00	802.00	801.49	Long Lake Dam to borrow from Revolving Drain Fund
11/21/16	JER # 10-16	\$ 4,070.75	802.00	801.32	Snow Drain to borrow from Revolving Drain Fund
11/21/16	JER # 11-16	\$ 4,626.26	801.18	802.00	Jenkins Drain to repay Revolving Drain Fund
11/21/16	JER # 12-16	\$ 5,945.31	801.27	802.00	Orient Fork Drain to repay Revolving Drain Fund
12/15/16	JER # 13-16	\$ 214.83	801.02	802.00	Blanchard Jt. Drain to repay Revolving Drain Fund
Total		\$ 101,156.42			

**TRANSMITTAL REPORT
FOR THE YEAR ENDED DECEMBER 31, 2016**

TRANS. NUMBER	DATE	AMOUNT	FUND NO.	EXPLANATION	RECEIPT NUMBER
1-16	01/04/16	\$ 200.00	506-000-607	Site Plan Review Fee: Family Dollar Store in Morton Twp.	45861
1-16	01/04/16	\$ 1,000.00	701-000-285	Engineering Deposit: Family Dollar Store in Morton Twp.	45861
1-16	01/04/16	\$ 2,000.00	701-000-283	SESC Performance Deposit: Family Dollar Store in Morton Twp.	45861
2-16	01/05/16	\$ 1,364.19	801.39-000-045	2015 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	45860
3-16	01/06/16	\$ 5,446.26	801.34-000-045	2015 payment of Special Assessment from Hinton Twp. for Stevens Drain	45888
3-16	01/06/16	\$ 1,479.93	801.18-000-045	2015 payment of Special Assessment from Hinton Twp. for Jenkins Drain Phase 1	45888
3-16	01/06/16	\$ 1,337.50	801.18-000-045	2015 payment of Special Assessment from Hinton Twp. for Jenkins Drain Phase 2	45888
4-16	01/07/16	\$ 165.00	101-000-477	1 New SESC permit	45889
5-16	01/11/16	\$ 240.35	801.39-000-045	Payment in full from property owner for Willmer Drain	45952
6-16	01/11/16	\$ 157.59	801.14-000-045	2015 Drainage District payment of Special Assessment from Sheridan Twp. for Green Drain	45954
7-16	01/12/16	\$ 797.33	801.39-000-045	2015 Drainage District payment of Special Assessment from Green Charter Twp. for Willmer Drain	45953
8-16	01/15/16	\$ 220.00	101-000-477	2 New & 1 Renewed SESC permits	45990
9-16	01/19/16	\$ 133.83	801.39-000-045	2015 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	46030
10-16	01/19/16	\$ 60.00	101-000-477	1 New SESC permit	46029
11-16	01/25/16	\$ 226.85	801.49-000-045	2015 Drainage District payment of Special Assessment from Chippewa Twp. for Long Lake Dam	46125
12-16	01/25/16	\$ 1,122.89	801.14-000-045	2015 Drainage District payment of Special Assessment from Sheridan Twp. for Green Drain	46164
12-16	01/25/16	\$ 462.45	801.39-000-045	2015 Drainage District payment of Special Assessment from Green Charter Twp. For Willmer Drain	46164
13-16	01/25/16	\$ 60.00	101-000-477	1 New SESC permit	46163
14-16	01/29/16	\$ 970.00	101-000-477	4 New SESC permits	46307
15-16	02/05/16	\$ 18.08	801.39-000-045	2015 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	46486
16-16	02/05/16	\$ 15.00	101-000-477	1 Renewed SESC permit	46485
17-16	02/12/16	\$ 168.76	801.39-000-045	2015 Drainage District payment of Special Assessment from Green Charter Twp. for Willmer Drain	46641
18-16	02/12/16	\$ 55.00	101-000-477	1 New & 1 Renewed SESC permits	46640
19-16	02/17/16	\$ 1,181.98	801.39-000-045	2015 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	46736
19-16	02/17/16	\$ 123.87	801.49-000-045	2015 Drainage District payment of Special Assessment from Chippewa Twp. for Long Lake Dam	46736
20-16	02/19/16	\$ 52.50	101-000-477	1 Renewed SESC permit	46796
21-16	02/23/16	\$ 545.32	801.39-000-045	2015 Drainage District payment of Special Assessment from Green Charter Twp. for Willmer Drain	46871
22-16	02/24/16	\$ 650.00	701-000-285	Payment to engineer to review storm water: Family Dollar in Barryton	46920
23-16	02/25/16	\$ 535.18	801.14-000-045	2015 Drainage District payment of Special Assessment from Sheridan Twp. for Green Drain	46970
24-16	02/25/16	\$ 60.00	101-000-477	1 New SESC permit	46969
25-16	03/02/16	\$ 209.24	801.49-000-045	2015 Drainage District payment of Special Assessment from Chippewa Twp. for Long Lake Dam	47204
26-16	03/03/16	\$ 140.00	101-000-477	2 New SESC permits	47220
27-16	03/08/16	\$ 4.62	801.14-000-045	2015 Drainage District payment of Special Assessment from Sheridan Twp. for Green Drain	47305
28-16	03/11/16	\$ 70.29	801.49-000-045	2015 Drainage District payment of Special Assessment from Chippewa Twp. for Long Lake Dam	47377
29-16	03/11/16	\$ 90.00	101-000-477	2 New SESC permits	47376
30-16	03/14/16	\$ 775.10	801.39-000-045	2015 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	47447
31-16	03/18/16	\$ 55.00	101-000-477	3 Renewed SESC permits	47577
32-16	03/18/16	\$ 11,567.63	801.34-000-045	2015 Drainage District payment of Special Assessment from Hinton Twp. for Stevens Drain	47578
32-16	03/18/16	\$ 3,633.42	801.18-000-045	2015 Drainage District payment of Special Assessment from Hinton Twp. for Jenkins Drain Phase 1	47578
32-16	03/18/16	\$ 3,370.19	801.18-000-045	2015 Drainage District payment of Special Assessment from Hinton Twp. for Jenkins Drain Phase 2	47578
33-16	03/25/16	\$ 1,595.75	801.39-000-045	2015 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	47753
34-16	03/25/16	\$ 180.00	101-000-477	1 New & 1 Renewed SESC permits	47754
35-16	03/31/16	\$ 1,522.80	801.10-000-045	2015 Drainage District payment of Special Assessment from Wheatland Twp. for Cummins Drain	48003
35-16	03/31/16	\$ 3,243.12	801.29-000-045	2015 Drainage District payment of Special Assessment from Wheatland Twp. for Pine Lake Drain	48003
36-16	04/01/16	\$ 365.00	101-000-477	6 New & 1 Renewed SESC permits	48036
37-16	04/08/16	\$ 105.00	101-000-477	2 New & 1 Renewed SESC permits	48156
38-16	04/15/16	\$ 305.00	101-000-477	4 New & 1 Renewed SESC permits	48332
39-16	04/22/16	\$ 165.00	101-000-477	3 New & 2 Renewed SESC permits	48456
40-16	04/26/15	\$ 2,306.91	801.02-000-045	2015 Drainage District payment of Special Assessment from Millbrook Twp. for Blanchard Jt. Drain	48516
40-16	04/26/15	\$ 11,579.80	801.09-000-045	2015 Drainage District payment of Special Assessment from Millbrook Twp. for Culp Drain	48516
41-16	04/29/16	\$ 260.00	101-000-477	1 New & 2 Renewed SESC permits	48581
42-16	05/06/16	\$ 150.00	101-000-477	1 New & 1 Renewed SESC permits	48707
43-16	05/13/16	\$ 260.00	101-000-477	4 New SESC permits	48819
44-16	05/16/16	\$ 95.73	801.39-000-045	2015 Delinquent Taxes - Willmer Drain	48858
44-16	05/16/16	\$ 442.87	801.39-000-045	2015 Delinquent Taxes - Willmer Drain	48858
44-16	05/16/16	\$ 161.62	801.49-000-045	2015 Delinquent Taxes - Long Lake Dam	48858
44-16	05/16/16	\$ 426.68	801.14-000-045	2015 Delinquent Taxes - Green Drain	48858
44-16	05/16/16	\$ 519.34	801.10-000-045	2015 Delinquent Taxes - Cummins Drain	48858
44-16	05/16/16	\$ 423.68	801.29-000-045	2015 Delinquent Taxes - Pine Lake Drain	48858
44-16	05/16/16	\$ 425.21	801.18-000-045	2015 Delinquent Taxes - Jenkins Drain Phase 1	48858
44-16	05/16/16	\$ 375.18	801.18-000-045	2015 Delinquent Taxes - Jenkins Drain Phase 2	48858
44-16	05/16/16	\$ 450.39	801.34-000-045	2015 Delinquent Taxes - Stevens Drain	48858
44-16	05/16/16	\$ 348.09	801.02-000-045	2015 Delinquent Taxes - Blanchard Jt. Drain	48858
44-16	05/16/16	\$ 1,810.77	801.09-000-045	2015 Delinquent Taxes - Culp Drain	48858
45-16	05/16/16	\$ 50.00	101-000-477	1 New SESC permit	48857
46-16	05/20/16	\$ 430.00	101-000-477	4 New & 3 Renewed SESC permits	48936
47-16	05/27/16	\$ 365.00	101-000-477	4 New & 3 Renewed SESC permits	49139
48-16	06/03/16	\$ 685.00	101-000-477	8 New & 3 Renewed SESC permits	49390
49-16	06/09/16	\$ 715.00	101-000-477	4 New SESC permits	49563
50-16	06/17/16	\$ 5,600.00	701-000-283	SESC Performance Deposit: NTB Trucking in Mecosta Twp.	49679
51-16	06/17/16	\$ 905.00	101-000-477	4 New & 3 Renewed SESC permits	49678
52-16	06/24/16	\$ 200.00	506-000-607	Site Plan Review Fee: Dollar General Store in Barryton	49803
52-16	06/24/16	\$ 1,000.00	701-000-285	Engineering Deposit: Dollar General Store in Barryton	49803
53-16	06/24/16	\$ 265.00	101-000-477	3 New & 1 Renewed SESC permits	49804
54-16	06/27/16	\$ 238.00	701-000-285	Payment to engineer to review storm water: Campus Creek Townhouse Cottages	49849
55-16	07/08/16	\$ 445.00	101-000-477	7 New & 1 Renewed SESC permits	50041
56-16	07/15/16	\$ 190.00	101-000-477	3 New & 1 Renewed SESC permits	50153
57-16	07/22/16	\$ 390.00	101-000-477	6 New & 1 Renewed SESC permits	50268

**TRANSMITTAL REPORT
FOR THE YEAR ENDED DECEMBER 31, 2016**

TRANS. NUMBER	DATE	AMOUNT	FUND NO.	EXPLANATION	RECEIPT NUMBER
58-16	07/29/16	\$ 195.00	101-000-477	1 New & 3 Renewed SESC permits	50398
59-16	08/04/16	\$ 470.00	101-000-477	5 New SESC permits	50524
60-16	08/12/16	\$ 445.00	101-000-477	4 New SESC permits	50663
61-16	08/19/16	\$ 395.00	101-000-477	4 New & 3 Renewed SESC permits	50789
62-16	08/22/16	\$ 765.00	101-000-477	1 New SESC permit	50814
62-16	08/22/16	\$ 50.00	801.35-000-451	Drain Permit for Tonkin Drain from Campus Creek Townhouse Cottages	50814
63-16	08/26/16	\$ 220.00	101-000-477	4 New & 1 Renewed SESC permits	50887
64-16	08/26/16	\$ 800.00	701-000-285	Payment to engineer to review storm water: Campus Creek Townhouse Cottages	50888
65-16	09/01/16	\$ 320.00	101-000-477	6 New & 2 Renewed SESC permits	51007
66-16	09/02/16	\$ 200.00	506-000-607	Site Plan Review Fee: Nestle Water Expansion project	51055
66-16	09/02/16	\$ 1,000.00	701-000-285	Engineering Deposit: Nestle Waters expansion project	51055
67-16	09/08/16	\$ 220.00	801.46-000-045	2013 DNR settlement for Pretty Lake Dam Special Assessment	51142
68-16	09/09/16	\$ 285.00	101-000-477	5 New & 1 Renewed SESC permits	51182
69-16	09/16/16	\$ 530.00	101-000-477	6 New SESC permits	51334
70-16	09/23/16	\$ 145.00	101-000-477	3 New & 1 Renewed SESC permits	51452
71-16	09/29/16	\$ 800.00	701-000-285	Payment to engineer to review storm water: Nestle Waters expansion project	51583
72-16	09/29/16	\$ 280.00	101-000-477	4 New & 1 Renewed SESC permits	51585
73-16	10/04/16	\$ 1,907.20	801.27-000-691	Osceola County reimbursement of Orient-Fork ICDO for engineering fees	51661
74-16	10/07/16	\$ 535.00	101-000-477	6 New & 2 Renewed SESC permits	51737
75-16	10/10/16	\$ 405.00	101-000-477	5 New SESC permits	51770
76-16	10/11/16	\$ 190.00	101-000-477	1 New SESC permit	51789
76-16	10/11/16	\$ 3,000.00	701-000-283	SESC Performance Deposit: Richard Liening self storage facility in Morton Twp.	51789
77-16	10/13/16	\$ 1,800.00	801.27-000-675	Jeff Hawkins payment for culvert replacement on Orient-Fork ICD (funds held to pay contractor)	51828
78-16	10/14/16	\$ 685.00	101-000-477	4 New & 1 Renewed SESC permits	51876
79-16	10/21/16	\$ 395.00	101-000-477	6 New & 1 Renewed SESC permits	51992
80-16	10/24/16	\$ 800.00	701-000-285	Payment to engineer to review storm water: Culver's Restaurant	52022
80-16	10/24/16	\$ 800.00	701-000-285	Payment to pay engineer to review storm water: Dollar General Store in Barryton	52022
81-16	10/24/16	\$ 246.00	801.27-000-691	The City of Big Rapids reimbursement for Ives Drain legal fees	52117
82-16	10/28/16	\$ 220.00	101-000-477	2 New SESC permits	52118
83-16	11/01/16	\$ 96.74	801.27-000-691	Osceola County reimbursement of Orient-Fork ICDO for publication of drain notice	52175
84-16	11/04/16	\$ 150.00	101-000-477	4 New SESC permits	52224
85-16	11/08/16	\$ 2,486.15	801.14-000-045	2016 payment of Special Assessment from Sheridan Twp. for Green Drain	52288
86-16	11/09/16	\$ 130.00	101-000-477	2 New SESC permits	52322
87-16	11/10/16	\$ 2,971.64	801.09-000-045	2016 payment of Special Assessment from Millbrook Twp. for Culp Drain	52337
88-16	11/17/16	\$ 4,624.00	801.27-000-045	Mecosta County payoff of Special Assessment for Orient-Fork ICD	52450
89-16	11/17/16	\$ 160.02	801.27-000-045	Raymond Sherman Estate payoff of Special Assessment for Orient-Fork ICD	52433
90-16	11/17/16	\$ 30.00	101-000-477	1 New SESC permit	52432
91-16	11/21/16	\$ 5,542.29	801.34-000-045	2016 payment of Special Assessment from Hinton Twp. for Stevens Drain	52497
91-16	11/21/16	\$ 1,455.48	801.18-000-045	2016 payment of Special Assessment from Hinton Twp. for Jenkins Drain Phase 1	52497
91-16	11/21/16	\$ 1,337.50	801.18-000-045	2016 payment of Special Assessment from Hinton Twp. for Jenkins Drain Phase 2	52497
92-16	11/21/16	\$ 195.00	701-000-285	Payment for final site inspection of Family Dollar Store in Morton Twp. by engineer	52494
93-16	11/21/16	\$ 30.00	101-000-477	1 New SESC permit	52496
94-16	11/21/16	\$ 1,274.01	801.09-000-045	Payment in full from property owner for Culp Drain	52516
95-16	11/22/16	\$ 1,559.27	801.39-000-045	2016 payment of Special Assessment from Grant Twp. for Willmer Drain	52571
96-16	11/28/16	\$ 2,244.00	801.27-000-045	2016 payment of Special Assessment from Fork Twp. for Orient-Fork ICD	52572
97-16	11/29/16	\$ 665.00	101-000-477	6 New & 2 Renewed SESC permits	52684
97-16	11/29/16	\$ 200.00	506-000-607	Site Plan Review Fee: Culver's Restaurant	52684
97-16	11/29/16	\$ 1,000.00	701-000-285	Engineering Deposit: Culver's Restaurant	52684
97-16	11/29/16	\$ 50.00	801.51-000-451	Drain Permit for Waldron Drain from Culver's	52684
98-16	12/12/16	\$ 416.24	801.02-000-691	Isabella County reimbursement of Blanchard Jt. ICDO relating to 2015 drain petition project	52828
99-16	12/16/16	\$ 380.00	101-000-477	2 New & 1 Renewed SESC permits	52827
100-16	12/16/16	\$ 50.00	101-000-477	1 New SESC permit	52861
101-16	12/20/16	\$ 100.00	101-000-477	1 Renewed SESC permit	52928
102-16	12/20/16	\$ 175.69	801.39-000-045	2016 Drainage District payment of Special Assessment from Green Charter Twp. for Willmer Drain	52929
103-16	12/27/16	\$ 221.48	801.14-000-045	2016 Drainage District payment of Special Assessment from Sheridan Twp. for Green Drain	53041
104-16	12/28/16	\$ 964.04	801.39-000-045	2016 Drainage District payment of Special Assessment from Grant Twp. for Willmer Drain	53040
105-16	12/30/16	\$ 300.00	101-000-477	3 Renewed SESC permits	53042
		\$ 126,673.04		Total	

DRAIN FUND #801
SUMMARY OF ACCOUNT BALANCES
FOR THE YEAR ENDED, DECEMBER 31, 2016

DRAIN #	DRAIN NAME	BEG. FUND BALANCE	INCOME	LAMP INTEREST	EXPENDITURES	END. FUND BALANCE	DUE TO REVOLVING DRAIN FUND	MECOSTA COUNTY LOANS	NON COUNTY LOANS
801.01	Barryton	\$ 53.35	\$ -	\$ 0.49	\$ -	\$ 53.84	\$ -	\$ -	\$ -
801.02	Blanchard Joint	\$ 345.31	\$ 3,071.24	\$ 7.48	\$ 3,215.92	\$ 208.11	\$ -	\$ -	\$ -
801.05	Bromley	\$ 84.28	\$ -	\$ 0.76	\$ -	\$ 85.04	\$ -	\$ -	\$ -
801.06	Burden Lake	\$ 20.10	\$ -	\$ 0.18	\$ -	\$ 20.28	\$ -	\$ -	\$ -
801.44	Clear Lake Imp.	\$ 252.58	\$ -	\$ 2.17	\$ -	\$ 254.75	\$ -	\$ -	\$ -
801.08	Colby Lake	\$ 732.90	\$ -	\$ 6.63	\$ -	\$ 739.53	\$ -	\$ -	\$ -
801.09	Culp	\$ 161,451.15	\$ 17,636.23	\$ 1,378.76	\$ 83,843.70	\$ 96,622.44	\$ -	\$ -	\$ 185,733.33
801.10	Cummins	\$ 930.71	\$ 2,042.14	\$ 22.80	\$ -	\$ 2,995.65	\$ -	\$ -	\$ -
801.11	Edgar Joint	\$ 1,561.05	\$ -	\$ 14.13	\$ -	\$ 1,575.18	\$ -	\$ -	\$ -
801.12	Ford	\$ 177.99	\$ -	\$ 1.61	\$ -	\$ 179.60	\$ -	\$ -	\$ -
801.13	Geitzen	\$ 1,919.24	\$ -	\$ 17.38	\$ -	\$ 1,936.62	\$ -	\$ -	\$ -
801.40	Gingrich	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.14	Green	\$ 12,538.92	\$ 4,954.59	\$ 79.30	\$ 12,355.45	\$ 5,217.36	\$ -	\$ 12,644.34	\$ -
801.15	Hansen	\$ 174.70	\$ -	\$ 1.57	\$ -	\$ 176.27	\$ -	\$ -	\$ -
801.16	Hewlett	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.52	Hills of Mitchell Creek	\$ 3,019.25	\$ -	\$ 27.34	\$ -	\$ 3,046.59	\$ -	\$ -	\$ -
801.53	Ives	\$ -	\$ 246.00	\$ -	\$ 246.00	\$ -	\$ -	\$ -	\$ -
801.18	Jenkins	\$ 1,109.29	\$ 13,414.41	\$ 49.88	\$ 14,572.55	\$ 1.03	\$ 5,663.79	\$ -	\$ -
801.19	Kuhn	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.20	Mark/Meeker	\$ 375.40	\$ 322.27	\$ 2.35	\$ 700.00	\$ 0.02	\$ 322.27	\$ -	\$ -
801.21	Martin	\$ 724.98	\$ -	\$ 6.57	\$ -	\$ 731.55	\$ -	\$ -	\$ -
801.22	Martiny	\$ 369.36	\$ -	\$ 3.35	\$ -	\$ 372.71	\$ -	\$ -	\$ -
801.23	Meadow Hills	\$ 1.75	\$ -	\$ 0.01	\$ -	\$ 1.76	\$ -	\$ -	\$ -
801.25	Millbrook Joint	\$ 84.67	\$ -	\$ 0.76	\$ -	\$ 85.43	\$ -	\$ -	\$ -
801.26	Moyer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.48	Northgate	\$ 33,257.56	\$ -	\$ 300.07	\$ 200.00	\$ 33,357.63	\$ -	\$ -	\$ -
801.27	Orient Fork	\$ 14.61	\$ 16,617.25	\$ 2.05	\$ 12,207.61	\$ 4,426.30	\$ -	\$ -	\$ -
801.28	Parks	\$ 134.66	\$ -	\$ 1.22	\$ -	\$ 135.88	\$ -	\$ -	\$ -
801.29	Pine Lake	\$ 0.68	\$ 3,666.80	\$ 7.32	\$ 2,872.78	\$ 802.02	\$ -	\$ -	\$ -
801.31	Sheridan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.30	Schultz	\$ 138.36	\$ -	\$ 1.26	\$ -	\$ 139.62	\$ -	\$ -	\$ -
801.45	Sink Hole	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.32	Snow	\$ -	\$ 13,481.75	\$ -	\$ 13,481.75	\$ -	\$ 18,696.89	\$ -	\$ -
801.33	Stehower	\$ 2,710.95	\$ -	\$ 24.55	\$ -	\$ 2,735.50	\$ -	\$ -	\$ -
801.34	Stevens	\$ 27,672.36	\$ 23,006.57	\$ 211.43	\$ 41,547.33	\$ 9,343.03	\$ -	\$ 65,500.00	\$ -
801.35	Tonkin	\$ 1,616.42	\$ 50.00	\$ 14.76	\$ -	\$ 1,681.18	\$ -	\$ -	\$ -
801.51	Waldron	\$ 3,664.15	\$ 50.00	\$ 33.20	\$ -	\$ 3,747.35	\$ -	\$ -	\$ -
801.36	Wedgewood Estates	\$ 5.67	\$ -	\$ 0.04	\$ -	\$ 5.71	\$ -	\$ -	\$ -
801.37	Weidman	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
801.39	Willmer	\$ 6,500.97	\$ 10,520.74	\$ 72.07	\$ 9,245.75	\$ 7,848.03	\$ -	\$ -	\$ 18,000.00
DRAIN TOTALS		\$ 261,643.37	\$ 109,079.99	\$ 2,291.49	\$ 194,488.84	\$ 178,526.00	\$ 24,682.95	\$ 78,144.34	\$ 203,733.33

LAKE LEVELS									
801.03	Blue Lk Dam	\$ 1,178.41	\$ -	\$ 5.70	\$ 600.00	\$ 584.11	\$ -	\$ -	\$ -
801.04	Brady Lk Dam	\$ 38.16	\$ -	\$ 0.35	\$ -	\$ 38.51	\$ -	\$ -	\$ -
801.07	Chippewa Lk Dam	\$ 1,669.47	\$ -	\$ 13.85	\$ 213.54	\$ 1,469.78	\$ -	\$ -	\$ -
801.17	Horsehead Lk Dam	\$ 2,136.05	\$ -	\$ 19.34	\$ -	\$ 2,155.39	\$ -	\$ -	\$ -
801.49	Long Lake Dam	\$ 209.64	\$ 989.62	\$ 3.63	\$ 1,202.89	\$ 0.00	\$ 948.29	\$ -	\$ -
801.50	Pickrel Lake Dam	\$ 0.10	\$ -	\$ -	\$ -	\$ 0.10	\$ -	\$ -	\$ -
801.46	Pretty Lake Dam	\$ 1,078.35	\$ 220.00	\$ 10.00	\$ 42.25	\$ 1,266.10	\$ -	\$ -	\$ -
LAKE LEVEL TOTALS		\$ 6,310.18	\$ 1,209.62	\$ 52.87	\$ 2,058.68	\$ 5,513.99	\$ 948.29	\$ -	\$ -

FUND 801 TOTALS		\$ 267,953.55	\$ 110,289.61	\$ 2,344.36	\$ 196,547.52	\$ 184,039.99	\$ 25,631.24	\$ 78,144.34	\$ 203,733.33
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REVOLVING DRAIN FUND #802
EXPENDITURES - LAMP INTEREST- FUNDS AVAILABLE
FOR THE YEAR ENDING DECEMBER 31, 2016

DATE	JOURNAL ENTRY #	EXPLANATION	BORROWED Debit (-)	PAYMENT Credit (+)	BALANCE OWING	BALANCE AVAILABLE	TOTAL	LAMP INT. EARNED	TOTAL INTEREST	BALANCE OWING	BALANCE AVAILABLE PLUS INTEREST	TOTAL REV. DR. FUND
01/01/16		BALANCE FORWARD			\$ 23,044.43	\$ 24,349.35	\$ 47,393.78		\$ 4,597.64	\$ 23,044.43	\$ 28,946.99	\$ 51,991.42
03/31/16	LAMP Interest	LAMP Interest 1st Qtr.			\$ 23,044.43	\$ 24,349.35	\$ 47,393.78	\$ 63.43	\$ 4,661.07	\$ 23,044.43	\$ 29,010.42	\$ 52,054.85
04/29/16	JER # 1-16	Pine Lake Drain to repay RDF		\$ 2,872.78	\$ 20,171.65	\$ 27,222.13	\$ 47,393.78		\$ 4,661.07	\$ 20,171.65	\$ 31,883.20	\$ 52,054.85
05/23/16	JER # 2-16	Snow Drain to borrow from RDF	\$ 5,389.00		\$ 25,560.65	\$ 21,833.13	\$ 47,393.78		\$ 4,661.07	\$ 25,560.65	\$ 26,494.20	\$ 52,054.85
06/21/16	JER # 3-16	Blanchard Jt. Drain to repay RDF		\$ 2,782.33	\$ 22,778.32	\$ 24,615.46	\$ 47,393.78		\$ 4,661.07	\$ 22,778.32	\$ 29,276.53	\$ 52,054.85
06/21/16	JER # 4-16	Long Lake Dam to repay RDF		\$ 918.76	\$ 21,859.56	\$ 25,534.22	\$ 47,393.78		\$ 4,661.07	\$ 21,859.56	\$ 30,195.29	\$ 52,054.85
06/30/16	LAMP Interest	LAMP Interest 2nd Qtr.			\$ 21,859.56	\$ 25,534.22	\$ 47,393.78	\$ 102.20	\$ 4,763.27	\$ 21,859.56	\$ 30,297.49	\$ 52,157.05
08/23/16	JER # 5-16	Orient Fork Drain to borrow from RDF	\$ 5,945.31		\$ 27,804.87	\$ 19,588.91	\$ 47,393.78		\$ 4,763.27	\$ 27,804.87	\$ 24,352.18	\$ 52,157.05
09/12/16	JER # 6-16	Snow Drain to borrow from RDF	\$ 4,022.00		\$ 31,826.87	\$ 15,566.91	\$ 47,393.78		\$ 4,763.27	\$ 31,826.87	\$ 20,330.18	\$ 52,157.05
09/12/16	JER # 7-16	Long Lake Dam to borrow from RDF	\$ 97.75		\$ 31,924.62	\$ 15,469.16	\$ 47,393.78		\$ 4,763.27	\$ 31,924.62	\$ 20,232.43	\$ 52,157.05
09/30/16	LAMP Interest	LAMP Interest 3rd Qtr.			\$ 31,924.62	\$ 15,469.16	\$ 47,393.78	\$ 73.99	\$ 4,837.26	\$ 31,924.62	\$ 20,306.42	\$ 52,231.04
11/14/16	JER # 8-16	Mark Meeker Drain to borrow from RDF	\$ 322.27		\$ 32,246.89	\$ 15,146.89	\$ 47,393.78		\$ 4,837.26	\$ 32,246.89	\$ 19,984.15	\$ 52,231.04
11/14/16	JER # 9-16	Long Lake Dam to borrow from RDF	\$ 100.00		\$ 32,346.89	\$ 15,046.89	\$ 47,393.78		\$ 4,837.26	\$ 32,346.89	\$ 19,884.15	\$ 52,231.04
11/21/16	JER # 10-16	Snow Drain to borrow from RDF	\$ 4,070.75		\$ 36,417.64	\$ 10,976.14	\$ 47,393.78		\$ 4,837.26	\$ 36,417.64	\$ 15,813.40	\$ 52,231.04
11/21/16	JER # 11-16	Jenkins Drain to repay RDF		\$ 4,626.26	\$ 31,791.38	\$ 15,602.40	\$ 47,393.78		\$ 4,837.26	\$ 31,791.38	\$ 20,439.66	\$ 52,231.04
11/21/16	JER # 12-16	Orient Fork Drain to repay RDF		\$ 5,945.31	\$ 25,846.07	\$ 21,547.71	\$ 47,393.78		\$ 4,837.26	\$ 25,846.07	\$ 26,384.97	\$ 52,231.04
12/15/16	JER # 13-16	Blanchard Jt. Drain to repay RDF		\$ 214.83	\$ 25,631.24	\$ 21,762.54	\$ 47,393.78		\$ 4,837.26	\$ 25,631.24	\$ 26,599.80	\$ 52,231.04
12/31/16	LAMP Interest	LAMP Interest 4th Qtr.			\$ 25,631.24	\$ 21,762.54	\$ 47,393.78	\$ 5.47	\$ 4,842.73	\$ 25,631.24	\$ 26,605.27	\$ 52,236.51
		Total	\$ 19,947.08	\$ 17,360.27	\$ 25,631.24	\$ 21,762.54	\$ 47,393.78	\$ 245.09	\$ 4,842.73	\$ 25,631.24	\$ 26,605.27	\$ 52,236.51

MECOSTA COUNTY LOANS - FUND #516

1. Green Drain - Petition Project (8 Year Special Assessment)

<u>Date</u>	<u>Loan Amount</u>	<u>Principle Payment</u>	<u>Interest Payment</u>	<u>Principle Balance Due</u>
09/02/10	\$ 5,000.00			\$ 5,000.00
11/19/10	\$ 5,000.00			\$ 10,000.00
02/01/11	\$ 5,000.00			\$ 15,000.00
08/05/11	\$ 15,000.00			\$ 30,000.00
10/12/12	\$ 20,000.00			\$ 50,000.00
05/01/13		\$ 12,631.76	\$ 1,287.83	\$ 37,368.24
05/09/14		\$ 5,986.55	\$ 1,126.90	\$ 31,381.69
05/08/15		\$ 6,737.35	\$ 424.30	\$ 24,644.34
06/27/16		\$ 12,000.00	\$ 355.45	\$ 12,644.34

2. Jenkins Drain - Maintenance Project (4 Year Special Assessment)

<u>Date</u>	<u>Loan Amount</u>	<u>Principle Payment</u>	<u>Interest Payment</u>	<u>Principle Balance Due</u>
04/01/13	\$ 22,100.00			\$ 22,100.00
05/09/14		\$ 6,109.96	\$ 471.34	\$ 15,990.04
04/09/15		\$ 6,193.96	\$ 110.53	\$ 9,796.08
06/27/16		\$ 9,796.08	\$ 150.21	\$ 0.00

3. Stevens Drain - Petition Project (10 Year Special Assessment)

<u>Date</u>	<u>Loan Amount</u>	<u>Principle Payment</u>	<u>Interest Payment</u>	<u>Principle Balance Due</u>
01/02/13	\$ 20,000.00			\$ 20,000.00
05/15/13	\$ 160,500.00			\$ 180,500.00
05/09/14		\$ 20,000.00	\$ 433.78	\$ 160,500.00
05/09/14		\$ 5,000.00	\$ 2,963.06	\$ 155,500.00
04/09/15		\$ 50,000.00	\$ 1,074.93	\$ 105,500.00
06/27/16		\$ 40,000.00	\$ 1,547.33	\$ 65,500.00

TOTAL OUTSTANDING LOAN AMOUNT AS OF 12/31/16:	\$ 78,144.34
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NON-COUNTY LOANS - FUND #801

1. Culp Drain # 801.09- Petition Project (15 Year Special Assessment)

<u>Date</u>	<u>Loan Amount</u>	<u>Principle Payment</u>	<u>Interest Payment</u>	<u>Principle Balance Due</u>
09/18/15	\$ 199,000.00			\$ 199,000.00
05/12/16		\$13,266.67	\$ 4,866.88	\$ 185,733.33

2. Willmer Drain # 801.39 - Maintenance Project (3 Year Special Assessment)

<u>Date</u>	<u>Loan Amount</u>	<u>Principle Payment</u>	<u>Interest Payment</u>	<u>Principle Balance Due</u>
10/19/15	\$ 27,000.00			\$ 27,000.00
05/12/16		\$ 9,000.00	\$ 245.75	\$ 18,000.00

TOTAL OUTSTANDING LOAN AMOUNT DUE AS OF 12/31/16: \$ 203,733.33

**MECOSTA COUNTY DRAIN COMMISSIONER
DRAIN SPECIAL ASSESSMENTS
DRAIN ROLL BY TOWNSHIP
FOR YEAR ENDED DECEMBER 31, 2016**

TOWNSHIP	MDOT	COUNTY AT LARGE	TOWNSHIP AT LARGE	SPREAD IN DISTRICT	TOTAL ASSESSMENT
<u>Chippewa Township</u>					
Long Lake Dam - Fund #801.49 (yr. 1 of 1 yr. Sp. Assmt.)	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
<u>Fork Township</u>					
Orient-Fork Intercounty Drain - Fund #801.27 (yr. 1 of 2 yr. Sp. Assmt.)	\$ -	\$ 2,312.00	\$ 2,244.00	\$ 2,244.03	\$ 6,800.03
<u>Grant Township</u>					
Willmer Drain - Fund #801.39 (yr. 2 of 3 yr. Sp. Assmt.)	\$ -	\$ -	\$ 1,559.27	\$ 4,490.96	\$ 6,050.23
<u>Green Charter Township</u>					
Willmer Drain - Fund #801.39 (yr. 2 of 3 yr. Sp. Assmt.)	\$ -	\$ -	\$ -	\$ 1,896.19	\$ 1,896.19
<u>Hinton Township</u>					
Jenkins Drain #1- Fund #801.18 (yr. 4 of 4 yr. Sp. Assmt.)	\$ -	\$ -	\$ 1,455.48	\$ 3,990.82	\$ 5,446.30
Stevens Drain Petition Project - Fund #801.34 (yr. 4 of 10 yr. Sp. Assmt.)	\$ -	\$ -	\$ 5,542.29	\$ 12,229.95	\$ 17,772.24
Jenkins Drain #2- Fund #801.18 (yr. 2 of 2 yr. Sp. Assmt.)	\$ -	\$ -	\$ 1,337.50	\$ 3,744.63	\$ 5,082.13
<u>Millbrook Township</u>					
Culp Drain - Fund 801.09 (yr. 2 of 15 yr. Sp. Assmt.)	\$ -	\$ -	\$ 2,971.64	\$ 13,097.05	\$ 16,068.69
<u>Sheridan Township</u>					
Green Drain - Fund #801.14 (yr. 5 of 8 yr. Sp. Assmt.)	\$ -	\$ -	\$ 2,486.15	\$ 2,610.55	\$ 5,096.70
TOTAL 2016 DRAIN ASSESSMENTS:	\$ -	\$ 2,312.00	\$ 17,596.33	\$ 45,804.18	\$ 65,712.51

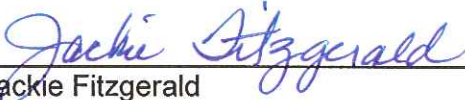
CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT, the preceding report embraces a full and true report of all the Drains constructed, finished or applied for during the year ending, December 31, 2016.

This Report also covers all Lake Level Structures constructed, finished, or applied for during the year ending on December 31, 2016.

I also Certify, that the financial statement of each Drain and Lake Level Structure submitted herewith, is true and correct.

All of which is respectfully submitted.



Jackie Fitzgerald
Drain Commissioner for the County of Mecosta

Dated at Big Rapids, Michigan

This 6th day of March, 2017 A.D.