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LAKE BOULEVARD RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
MARCH 12, 2018
10:15 A.M.
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for March 12, 2018	
3. Public participation	
4. Motion: Approve Resolution authorizing the Public Works Office to sign the SAW Grant Agreement – Jeff Bednar	3
5. Financial Report – Bruce Manning	16
6. Adjourn	








LAKE BOULEVARD RELIEF - ENCLOSED

ROSEVILLE - HARRISON - ST. CLAIR SHORES



Drain Length (Feet/Miles):
27,555.14 / 5.21

Legend

 Enclosed Gravity	 < 60" Dia	 Open Channel	 Ditch
 >= 60" Dia	 Pond	 Culvert	



Intra-County Drainage Board of the Lake Boulevard Relief Drain
County of Macomb

Resolution Authorizing the SAW Grant Agreement

Minutes of the regular meeting of the Intra County Drainage Board of the Lake Boulevard Relief Drain, County of Macomb, State of Michigan, (the "Municipality") held on March 12, 2018.

PRESENT: Members: _____

ABSENT: Members: _____

Member _____ offered and moved the adoption of the following resolution, seconded by Member _____.

WHEREAS, Part 52 (strategic water quality initiatives) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended ("Part 52"), provides at MCL 324.5204e that the Michigan Finance Authority (the "MFA") in consultation with the Michigan Department of Environmental Quality (the "DEQ") shall establish a strategic water quality initiatives grant program; and

WHEREAS, in accordance with the provisions of 2012 PA 511, which provides grants to municipalities for sewage collection and treatment systems or storm water or nonpoint source pollution control; and

WHEREAS, in accordance with the provisions of 1985 PA 227, as amended, Part 52, and other applicable provisions of law, the MFA, the DEQ, and the Municipality that is a grant recipient shall enter into a grant agreement (the "SAW Grant Agreement") that requires the Municipality to repay the grant under certain conditions as set forth in MCL 324.5204e, as amended; and

WHEREAS, the Municipality does hereby determine it necessary to (*select one or more*)
 establish an asset management plan, establish a stormwater management plan, establish a plan for wastewater/stormwater, establish a design of wastewater/stormwater, pursue innovative technology, or initiate construction activities (up to \$500,000 for disadvantaged community).

WHEREAS, it is the determination of the Municipality that at this time, a grant in the aggregate principal amount not to exceed \$2,000,000 ("Grant") be requested from the MFA and the DEQ to pay for the planning and/or design activities; and

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WHEREAS, the Municipality shall obtain this Grant by entering into the SAW Grant Agreement with the MFA and the DEQ.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Acting Drainage Board Chairman(*title of the designee's position*), a position currently held by Brian Baker (*name of the designee*), is designated as the Authorized Representative for purposes of the SAW Grant Agreement.
2. The proposed form of the SAW Grant Agreement between the Municipality, the MFA and DEQ (attached hereto as Appendix I) is hereby approved and the Authorized Representative is authorized and directed to execute the SAW Grant Agreement with such revisions as are permitted by law and agreed to by the Authorized Representative.
3. The Municipality shall repay the Grant, within 90 days of being informed to do so, with interest at a rate not to exceed 8 percent per year, to the Authority if the Municipality is unable to, or decides not to, proceed with constructing the project or implementing the asset management program for which the funding is provided within 3 years of the Grant award.
4. The Grant, if repayable, shall be a first budget obligation of the Municipality, and the Municipality is required, if necessary, to levy ad valorem taxes on all taxable property in the Municipality for the payment thereof, subject to applicable constitutional, statutory and Municipality tax rate limitations.
5. The Municipality shall not invest, reinvest or accumulate any moneys deemed to be Grant funds, nor shall it use Grant funds for the general local government administration activities or activities performed by municipal employees that are unrelated to the project.
6. The Authorized Representative is hereby jointly or severally authorized to take any actions necessary to comply with the requirements of the MFA and the DEQ in connection with the issuance of the Grant. The Authorized Representative is hereby jointly or severally authorized to execute and deliver such other contracts, certificates, documents, instruments, applications and other papers as may be required by the MFA or the DEQ or as may be otherwise necessary to effect the approval and delivery of the Grant.
7. The Municipality acknowledges that the SAW Grant Agreement is a contract between the Municipality, the MFA and the DEQ.
8. All resolutions and parts of resolutions insofar as they conflict with the provisions of this Resolution are rescinded.

YEAS: Members:

NAYS: Members:

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RESOLUTION DECLARED ADOPTED

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Intra-County Drainage Board of the Lake Boulevard Relief Drain, County of Macomb, said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Barb Delecke

Name

Recording Secretary of Intra-County Drainage Board, Clerk
Lake Boulevard Relief Drain, County of Macomb

**Lake Boulevard Relief Drain
Stormwater Asset Management
Program**

**Michigan Department of
Environmental Quality
SAW Grant Application**

**Prepared for
Intra-County Drainage Board for the Lake
Boulevard Relief Drain**

**December 2, 2013
Project No. G130736**

ftc&h

SAW GRANT APPLICATION

Rick Snyder, Governor

Michigan Department of Environmental Quality (DEQ)

Dan Wyant, Director

<http://www.michigan.gov/deq>

Michigan Department of Treasury Michigan Finance Authority (Authority)

Andy Dillon, State Treasurer

<http://www.michigan.gov/treasury>

Administered by:

Department of Environmental Quality
Office of Drinking Water and Municipal Assistance
Revolving Loan Section
Sonya T. Butler, Chief

Department of Treasury
Michigan Finance Authority
Joseph Fielek, Executive Director

Mailing Addresses:

PO Box 30241
Lansing, Michigan 48909
517-284-5433

PO Box 15128
Lansing, Michigan 48901
517-335-0994

Delivery Addresses:

Constitution Hall
4th Floor South
525 West Allegan Street
Lansing, Michigan 48933

Richard H. Austin Building
1st Floor
430 West Allegan Street
Lansing, Michigan 48922

**Completion of this application is mandatory for the applicant
to be considered for SAW Grant Program assistance.**

Printed under the authority of Parts 52 and 53, of the Natural Resources and Environmental Protection Act,
1994 PA 451, as amended.

October 21, 2013

SAW Grant Application Instructions

Project information: This portion of the grant application needs to be completed and returned with one or more of the grant activities noted in the appendices below.

Authorizing Resolution: The resolution must be signed and dated. Submit the resolution with the project information noted above.

Sample Grant Agreement: A sample of the grant agreement must accompany the resolution.

Appendices: Provide complete information as noted in the Appendix that corresponds to the proposed project. Each Appendix contains guidance on eligibility and general information related to the grant activity.

- Appendix A: Wastewater Planning, Design and User Charge Activities
- Appendix B: Planning and/or Design of Stormwater and/or Nonpoint Source of Water Pollution
- Appendix C: Asset Management Plan for Stormwater and Wastewater
- Appendix D: Stormwater Management Plan
- Appendix E: SAW Innovative Wastewater and Stormwater Technology
- Appendix F: Disadvantaged Community Status Determination Worksheet

Appendix C and Appendix E will require a separate certification within 3 years of the grant award confirming that grant activities have been completed. The certification forms can be found at: www.michigan.gov/cleanwaterrevolvingfund (select Forms and Guidance).

A hard copy of the grant application must be submitted to the DEQ. Grant applications may be submitted at any time beginning December 2, 2013. Grant awards will be issued quarterly based on the date an application is administratively complete, until available SAW funding had been exhausted.

PROJECT INFORMATION

Project Name and County Lake Blvd Relief Drain Stormwater Asset Management Program - Macomb Co.

A. Legal Name of Applicant Lake Boulevard Relief Drain

The legal name of the applicant may be different from the name of the project. For example, a county may be the legal applicant, while the project may be named for the particular village or township it will serve.

If applicant is not a City/County/Township/Village, provide Authorizing Statute to qualify as a municipality. The District is organized under Chapter 20 of The Michigan Drain Code (Act 40 of 1956)

B. Mailing Address of Applicant

Street, P.O. Box 21777 Dunham Road

City, State & Zip Clinton Township, MI 48036

County(s) project is located in Macomb County

586-469-5325

(Area Code and Telephone Number)

C. Designated Contacts for this Project

1. Authorized Representative (Name below must match the person named in the resolution)

Name Brian Baker

Title Chief Deputy Public Works Commissioner, Acting Chairman

Street, P.O. Box 21777 Dunham Road

City, State & Zip Clinton Township, MI 48036

586-307-8210

brian.baker@macombgov.org

(Area Code and Telephone Number)

(E-mail Address)

2. Applicant's Financial Advisor

Name Bruce Manning

Firm Office of the Macomb County Public Works Commissioner

Street, P.O. Box 21777 Dunham Road

City, State & Zip Clinton Township, MI 48036

586-307-8729

bruce.manning@macombgov.org

(Area Code and Telephone Number)

(E-mail Address)

3. Applicant's Consulting Engineer (if applicable)

Name Maria E. Sedki, P.E.

Firm Fishbeck, Thompson, Carr & Huber, Inc.

Street, P.O. Box 39500 MacKenzie Drive, Suite 100

City, State & Zip Novi, MI 48377

248-324-1228

mesedki@ftch.com

(Area Code and Telephone Number)

(E-mail Address)

October 21, 2013

4. Primary Contact (if different than authorized representative)

Name Jeffrey H. Bednar, PE, CFM

Title: Environmental Engineer

586-493-0685

jeff.bednar@macombgov.org

(Area Code and Telephone Number)

(E-mail Address)

D. Disclosure of Conditions Requiring Repayment of Grant

The intent of the SAW Grant Program is to accelerate the statewide use of asset management planning practices as well as improve water quality. It is expected that SAW grant wastewater or stormwater recipients will implement the necessary construction for which grant funding was provided for any planning, design, and/or user charge grants. SAW grant recipients for wastewater system asset management plans are required to make significant progress (as defined in Appendix C) on the funding structure. Stormwater Asset Management Plan (AMP) recipients are required to implement the plan (as defined in Appendix C). Stormwater management grant recipients must develop a stormwater management plan. An innovative technology grant recipient must proceed with the project if testing and demonstration show that the water quality issue may be successfully and feasibly addressed with full scale implementation. Consistent with this intent and provisions of Part 52 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended:

“(a) A grant recipient (shall) proceed with a project for which grant funding is provided within 3 years after the department approves the grant (executed grant agreement). For asset management programs related to sewage collection and treatment systems, this includes significant progress, as determined by the department, toward achieving the funding structure necessary to implement the program.

(b) The grant recipient (shall) repay the grant, within 90 days of being informed to do so, with interest at a rate not to exceed 8 percent per year, to the Authority for deposit into the fund if the applicant is unable to, or decides not to, proceed with a construction project or begin implementation of an asset management program for which grant funding is provided.”

E. Project Need and Proposed Scope of Work

In order to improve water quality, the applicant can seek SAW Grant Program assistance to cover the costs of: 1) planning, design, and/or user charge of a wastewater or stormwater system; 2) asset management for a wastewater and/or stormwater system; 3) a stormwater management plan; and 4) innovative wastewater and stormwater technologies. Details for establishing project need for each of these categories can be found in the appendices.

Describe the specific activities you will fund with SAW grant assistance. Describe the system deficiencies and/or water quality problems you want to evaluate/address: **(Attach additional pages as necessary.)**

The Board is applying for a SAW Grant to develop a Stormwater Asset Management Plan for the

approximately 27,000 ft of drain pipe. Please refer to Attachment 1 for the system deficiency and for

the Scope of Services section of the FTCH proposal for a detailed list of the scope of services.

F. Ownership of System Facilities or Assets

Is the legal entity that owns the system facilities or assets described in the proposed scope of work the same as the legal name of the applicant (see Item A)? YES NO

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If NO, has the applicant obtained the necessary legal documentation delegating the applicant as an agent of the owner who has the authority for implementing the activities associated with the proposed scope of work at the direction of the owner? (Certification of this legal relationship must be provided prior to the applicant receiving SAW grant assistance. The applicant must have the authority to establish a rate structure necessary to demonstrate significant progress with implementing a wastewater asset management plan if applicable. Note that a rate structure is not required for a stormwater asset management grant.) YES NO

G. Funding Source for Associated Construction (if applicable)

If the proposed scope of work for SAW grant assistance will result in subsequent construction, then identify the anticipated funding source(s) for the construction.

SAW SRF SWQIF Rural Development Other (explain) _____

The applicant intends to seek SAW, SRF, and/or SWQIF loan(s) to construct the proposed project in fiscal year _____ (an October 1st to September 30th fiscal year).

If construction financing is anticipated to come from a source other than SAW, SRF and/or SWQIF, identify the proposed construction year(s): _____.

H. SAW Grant Agreement Period

Start date of grant-funded tasks: _____ May 2014 _____ (month/year). May include services rendered on or after January 2, 2013, the effective date of the SAW program legislation.

Estimated date for completion of all grant-funded tasks: _____ April 2017 _____ (month/year). Must be completed within 3 years of executed grant.

I. Does this project have an associated SRF/SWQIF loan or S2 grant(s)? If so, indicate the project number(s) below:

S2 Grant Project # _____ SRF Loan Project # _____ SWQIF Loan Project # _____

J. Is the applicant in receivership? YES NO

Is the applicant operating under an emergency manager or an emergency financial manager appointed under state law? YES NO

Is the applicant operating under a consent agreement as provided under the local government fiscal responsibility act, 1990 PA 72, MCL 141.1201 to 141.1291? YES NO

If a disadvantaged community status determination is being requested, then complete and submit the worksheet in Appendix F. Communities considered disadvantaged by the DEQ can be awarded up to \$500,000 in grant funds to construct projects identified in an asset management plan.

K. Project Cost Worksheet

Read the instructions below before completing the Project Cost Worksheet.

Grant Budget Item	Incurred Project Costs A	Estimated Project Costs B	Cost Supporting Documents Attached?	Total Project Costs A+B
1. Project Planning Costs			<input type="checkbox"/> YES	\$0
2. Design Engineering Costs			<input type="checkbox"/> YES	\$0
3. User Charge System Development Costs			<input type="checkbox"/> YES	\$0
4. Wastewater Asset Management Plan Costs			<input type="checkbox"/> YES	\$0
5. Stormwater Asset Management Plan Costs		\$470,167	<input checked="" type="checkbox"/> YES	\$470,167
6. Stormwater Management Plan Costs			<input type="checkbox"/> YES	\$0
7. Innovative Wastewater and Stormwater Technology Costs			<input type="checkbox"/> YES	\$0
8. Disadvantaged Community Construction Cost			<input type="checkbox"/> YES	\$0
9. Cost Subtotal				\$470,167
10. LESS Local Match				(\$47,017)
11. Requested SAW Grant Amount (Line 9 minus Line 10)				\$423,150

1. Entering Cost Figures

To complete the Project Cost Worksheet, enter costs incurred to date in the first column and estimated costs in the second column. **Use whole dollar amounts for all entries.** A budget line item may have costs entered in each column; however, the entries must accurately reflect the division between incurred costs and estimated (i.e., the costs in the second column must not be a cumulative total but are to represent the balance of costs not yet incurred).

2. Supporting Documentation

Documentation must be attached to your application to support the costs included on the Project Cost Worksheet: Validate by checking the box in the third column on each requested line item.

- For incurred costs, adequate supporting documentation means executed contract; an invoice; proof of billing or payment for each cost for which grant assistance is being sought (e.g., copies of the monthly invoices from your consulting engineer, timesheet/payroll records showing hours worked and work performed).
- For estimated costs, adequate supporting documentation means an engineer's estimate; a letter, or email from a vendor detailing the services to be rendered and their costs; or a ledger of anticipated billable force account hours, employee rates, and classifications.

3. Executed Contracts (required for reimbursement, not required for grant application)

A contract between the applicant and the vendor must be executed for each service that has been or is to be rendered if the cost of such service is greater than \$50,000. An executed

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copy of each contract, with a clear identification of the scope of the service(s) and a contract period, must be submitted prior to reimbursements of costs.

4. Line-By-Line Completion Guidance

In addition to the costs described below, costs eligible for SAW grant assistance include: those incurred for services rendered on or after January 2, 2013; for services to prepare this grant application; and for activities performed by the applicant's employees that are directly related to the project. These incurred costs or cost estimates should be placed under the applicable budget lines.

Line 1 – Project Planning Costs

The costs associated with project planning activities and preparation of required planning documents. Refer to Appendix A or B.

Line 2 – Design Engineering Costs

The costs associated with engineering design and preparation of design required documents. Bidding phase services, including construction staking, are not eligible for SAW grant assistance. Refer to Appendix A or B.

Line 3 – User Charge System Development Costs

The costs associated with developing or updating the applicant's system of rates and user charges to cover the costs of project construction, operation, and maintenance as part of a planning or design grant. The costs to develop, amend, and pass sewer use ordinances, and prepare or revise intermunicipal service agreements necessary for construction of the proposed project are also eligible for reimbursement. Refer to Appendix A or B.

Line 4 – Wastewater Asset Management Plan Costs

The costs associated with developing a wastewater asset management plan. Only those components addressing wastewater assets are eligible (e.g., costs associated with conducting an asset inventory of other utilities cannot be included). Refer to Appendix C.

Line 5 – Stormwater Asset Management Plan Costs

The costs associated with the development of a stormwater asset management plan. SAW grant assistance is available for the development of an asset management plan for both open and enclosed storm sewer systems. Open drainage systems that are deemed surface waters of the state are not eligible for assistance to develop a stormwater asset management plan. Refer to Appendix C.

Line 6 – Stormwater Management Plan Costs

The costs associated with the development of a stormwater management plan. SAW grant assistance is available for the development of plans intended to address water quality problems from MS4 permitted stormwater systems and unpermitted stormwater runoff and nonpoint sources of pollution. Refer to the Stormwater Management Plan guidance and Appendix D for information on eligible plans and planning activities.

Line 7 – Innovative Wastewater and Stormwater Technology Costs

The costs associated with testing and demonstrating the practical use of technology to address a water quality issue. The cost of the technology is not eligible for SAW grant assistance. Refer to Appendix E.

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Line 8 – Disadvantaged Community Construction Cost

The construction costs associated with a project identified in an asset management plan. The costs cannot exceed \$500,000. This is only available to communities identified as “disadvantaged.” See Appendix F.

Line 10 – Required Local Match

SAW grant assistance is limited to \$2 million per community with a 10-percent local match for the first million and a 25-percent local match for the second million. Applicants who responded “Yes” to any of the questions under Section J of this application or whose community status is determined as disadvantaged by the DEQ are not required to provide a local match.

L. Covenants and Certifications

The applicant must abide by all of the covenants and certifications enumerated below:

1. The applicant has the legal, managerial, institutional, and financial capability to plan, design, and build the project, or cause the project to be built, and cause all facilities eventually constructed to be adequately operated.
2. The applicant certifies that no undisclosed fact or event, or pending litigation, will materially or adversely affect the project, the prospects for its completion, or the applicant's ability to make timely repayments of the grant if the project does not proceed.
3. The applicant agrees to provide the local match for grant-eligible costs and disburse match funds to service providers concurrent with grant disbursements.
4. The applicant agrees to maintain complete books and records relating to the grant and financial affairs of the project in accordance with generally accepted accounting principles (GAAP) and generally accepted government auditing standards (GAGAS).
5. The applicant agrees that all municipal contracts related to the project will provide that the prime contractor and any subcontractor may be subject to a financial audit and must comply with GAAP and GAGAS.
6. The applicant agrees to provide any necessary written authorizations to the DEQ and the Authority for the purpose of examining, reviewing, or auditing the financial records of the project. The applicant also agrees to require similar authorizations from all contractors, consultants, property owners, or agents with which the applicant negotiates an agreement.
7. The applicant agrees that all pertinent records shall be retained and available to the DEQ and the Authority for a minimum of three years and that if litigation, a claim, an appeal, or an audit is begun before the end of the three-year period, records shall be retained and available until the three years have passed or until the action is completed and resolved, whichever is longer.
8. The applicant agrees to ensure that planning and design activities of the project are conducted in compliance with the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; its Administrative Rules; and all applicable state laws, executive orders, regulations, policies, and procedures.
9. The applicant acknowledges that acceptance of a wastewater asset management grant will subsequently affect future NPDES permits to include asset management language as applicable.

I certify that I am the authorized representative designated by the municipality, as defined by Section 324.5301(i) of Part 53 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, that will receive the grant for this project and that the application information being submitted is complete and accurate to the best of my knowledge.

I further certify that the Lake Boulevard Relief Drain (legal name of applicant) agrees to and will abide by the covenants and certifications stipulated above.

Brian Baker, Chief Deputy Macomb County Public Works Commissioner, Acting Chairman
Name and Title of Authorized Representative (Please Print or Type)

 3-12-18
Signature of Authorized Representative (Original Signature Required) Date

Required Documents

The following documents must be submitted with this application. This grant application will be deemed incomplete if the required documents are not attached.

- (1) Authorizing Resolution. An adopted and certified copy of the attached standard resolution, including the SAW Grant Agreement boilerplate marked SAMPLE, must be attached.
- (2) Application Information. The proposed scope of work must be supported by the additional information required under Section E on page 3.
- (3) Cost Support Documentation. All requested costs must be supported with documentation consistent with the instructions on pages 5-7.
- (4) All of the required information listed in each of the applicable appendices must be provided.

Please return the application and the specified attachments to:

REVOLVING LOAN SECTION
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

MAILING ADDRESS
P.O. BOX 30241
LANSING MI 48909-7741

SURFACE DELIVERY ADDRESS
CONSTITUTION HALL, 4TH FLOOR SOUTH
525 W ALLEGANS ST
LANSING MI 48933

Grant Application Received By:	Can Expect A Grant Award In:*
July 1	October
October 1	January
January 1	April
April 1	July

*A hard copy of the grant application must be submitted to the DEQ. Grant application may be submitted at any time beginning December 2, 2013. Grant awards will be issued quarterly based upon the date an application is administratively complete, until available SAW funding has been exhausted.

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YTD Trial Balance
 Lake Boulevard
 As of Fiscal Period: Oct 1, 2017-Feb 28, 2018

	O&M Balance 9/30/2017	O&M	Total 2/28/2018
Cash - Operating	51,608	(308)	51,300
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		70	70
Expenditures		378	378
Encumbrance		47,017	47,017
Equity	51,608		4,283

NOTES

	Grant	Match	Total
SAW 1411-01	423,150	47,017	470,167
YTD			
Remaining	423,150	47,017	470,167