



## Financial Services Audit Committee Communication

**Date:** April 28, 2022

**To:** Great Lakes Water Authority Audit Committee

**From:** Alicia Schwartz, Grants & Intergovernmental Relations Manager

**Re:** Grants, Gifts, and Other Resources Report through March 31, 2023

**Background:** The Great Lakes Water Authority (GLWA) delegated authority to the Chief Executive Officer to oversee and report on activities identified in the GLWA Articles of Incorporation related to solicitation and receipt of grants, gifts, and other resources as stated in Article 4 – Powers, Section B (4):

(4) Solicit, receive, and accept gifts, grants, labor, loans, contributions of money, property, or other things of value, and other aid or payment from any federal, state, local, or intergovernmental government agency or from any other person or entity, public or private, upon terms and conditions acceptable to the Authority, or participate in any other way in a federal, state, local, or intergovernmental government program.

Other resources in this context refer to labor, contributions of money, property, or other things of value from any other person or entity, public or private with the exception for loans, subject to provisions of the GLWA Board Debt Management Policy, and Intergovernmental agreements and other activities that are addressed in the GLWA Board Procurement Policy.

Participation in any other way in a federal, state local, or intergovernmental government program includes participation in research projects at universities.

Refer to the Grants, Gifts, and Other Resources Delegation Policy at [Grants, Gifts, and Other Resources Delegation Policy - GLWA \(glwater.org\)](https://www.glwwater.org).

**Analysis:** To ensure transparency and timely communication, this report is provided to the Board, no less than quarterly, documenting activities subject to the policy. The report will, at a minimum, include description, type of activity, dollar amount, compliance and/or performance requirements, if any, and status including, at a minimum, solicitation, acceptance, and close-out.

**Bolded items** in the attached tables reflect changes from the prior report.

Highlights of this month's report includes the following.

- ✓ FY 2022 Michigan Clean Diesel Program – GLWA applied for a \$375,960 grant through Department of Environment, Great Lakes, and Energy (EGLE). This grant would fund a portion of the costs to replace seven fleet vehicles with new clean diesel engines vehicles. The grant focuses on priority areas to reduce greenhouse gases, including all GLWA service areas.
- ✓ Department of Energy (DOE) Grant Approved – GLWA was awarded \$1,375,000 on March 28, 2023, for a Renewable Energy Research and Development Grant focusing on converting organic wet waste to transportation fuels on.

This report presents the Grants, Gifts, and Other Resources across three tables.

**Table 1 – Pre-Award Programs** reflects open FY 2020, FY 2021, FY 2022 submissions, and FY 2023 submissions through March 31, 2023. The summarized activity provided identifies four programs with six grant reimbursement request submissions, one new application, and two EPA Community Grant applications in process.

**Table 2 - Awarded Programs** reflects open FY 2020, FY 2021, FY 2022 projects, and FY 2023 project submissions through March 31, 2023. The summarized activity provided identifies 19 projects with GLWA as a contributor and/or participant with efforts being conducted by a university or government program.

**Table 3 – Post-Award Programs** reflects 12 programs with 18 reimbursement requests and receipts in FY 2021, FY 2022, and FY 2023 through March 31, 2023.

**Proposed Action:** Receive and file this report.



## Financial Services Audit Committee Communication

**Table 1 – Pre-Award Programs** reflects open FY 2020, FY 2021, FY 2022, and FY 2023 submissions to date. The summarized activity provided identifies four programs with six grant reimbursement request submissions, one new application, and two EPA Community Grant applications in process.

**Table 1 – Pre-Award Programs**

Reference Number	Request Date	Program Description	Type of Activity	Amount Requested	Compliance and/or Performance Requirements	Status	Team Member Contact
2020-002a	09/15/2020	Federal Emergency Management Agency (FEMA) activity related to COVID-19 Project 144208	Federal Grant (Reimbursement Basis)	\$1,858,713	Federal Audit Requirements (add to existing audit program)	State is reviewing payment	Kathy Smith-Roy
2022-005	03/25/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19 Project 553713	Federal Grant (Reimbursement Basis)	\$573,325	Federal Audit Requirements (add to existing audit program)	State is reviewing payment	Kathy Smith-Roy
2022-006	03/03/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19 Project 149797-Amended	Federal Grant (Reimbursement Basis)	\$19,348	Federal Audit Requirements (add to existing audit program)	State is reviewing payment	Kathy Smith-Roy
2022-008	06/23/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19 Project 676268	Federal Grant (Reimbursement Basis)	\$470,475	Federal Audit Requirements (add to existing audit program)	State is reviewing payment	Kathy Smith-Roy
2022-002	01/06/2022	Federal Emergency Management Agency (FEMA), June 25-26 Flood, DR-4607 11 projects under development including two mitigation projects	Federal Grant (Reimbursement Basis)	\$1,070,000	Federal Audit Requirements (add to existing audit program)	<b>State is reviewing 7 projects currently</b>	Dana Bierer

Reference Number	Request Date	Program Description	Type of Activity	Amount Requested	Compliance and/or Performance Requirements	Status	Team Member Contact
2023-004	12/19/22	Federal Emergency Management Agency (FEMA) activity related to COVID-19 Project 697073	Federal Grant (Reimbursement Basis)	\$334,193	Federal Audit Requirements (add to existing audit program)	State is reviewing payment	Kathy Smith-Roy
2023-001	03/31/2023	FY 2022 MI Clean Diesel Grant	EGLE	\$375,960	Federal Audit Requirements (add to existing audit program)	Submitted Application 3/31/23	Alicia Schwartz
2023-002		FY2022 EPA Community Grant – Detroit River Interceptor	Environmental Protection Agency	\$2,000,000 (20% Cost Share)	Federal Audit Requirements (add to existing audit program)	Earmark	Alicia Schwartz
2023-003		FY2023 EPA Community Grant – PFAS Compounds remediations project	Environmental Protection Agency	\$3,452,972 (20% Cost Share)	Federal Audit Requirements (add to existing audit program)	Earmark	Alicia Schwartz

**Table 2 Awarded Programs** reflects all open FY 2020, FY 2021, FY 2022 projects, and FY 2023 projects to date. The summarized activity provided identifies 19 projects with GLWA as a contributor and/or participant in research being conducted by a university or government program.

**Table 2 – Awarded Programs**

Reference Number	Start Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status	Team Member Contact
2020-004	Pre-FY 2019	Phosphorus & Oxygen Control; Collection System Optimization Contract 1900169	Multiple Projects with University of Michigan	<b>\$221,993</b> (Life to date through FY 2022) \$246,822 (Contract amount)	None	Ongoing	John Norton
2020-005	FY2020	PFAS Health & Ecological Impacts Contract 1902151	Wayne State University Project	<b>\$180,527</b> (Life to date through FY 2022) \$192,153 (Contract amount)	None	Ongoing	John Norton
2020-007	FY2020	Transport/Fate of Nutrients in Biosolids Contract 1902059	Michigan State University Project	<b>\$265,943</b> (Life to date through FY 2022) \$277,470 (Amended contract amount)	None	Ongoing	John Norton
2020-009	07/22/2020	Implementation of LTCP modeling Contract 2001434	University of Michigan Project	<b>\$624,882</b> (Life to date through FY 2022) \$636,702 (Contract amount)	None	Ongoing	John Norton

Reference Number	Start Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status	Team Member Contact
2020-010	08/01/2020	Microplastics and Human Health Contract 1904710	Wayne State University Project	<b>\$151,134</b> (Life to date through FY 2023) \$195,000 (Contract amount)		Ongoing	John Norton
2020-008, 2020-013	08/01/2020	Surveillance of Covid-19 in Southeast MI Wastewater- Expanded project scope- Phase 1, Phase 2, Phase 3, Phase 4  Contract 2001402	State of Michigan/ CDM Smith and Michigan State University	<b>\$264,238</b> (Life to date through FY 2022)  GLWA receiving samples and analytics.  \$267,457 (Contract amount) (Project worth \$3,200,000)	None	Ongoing	John Norton
2020-014	12/29/2020	Assessing biosolid treatment processes on pollutant environmental fate on plant uptake  Contract 2103714	US Environmental Protection Agency (EPA)/ Michigan State, Colorado State, and University of Georgia	\$100,000 and in-kind labor for program participation (Contract amount) (Project worth \$1,498,000)	None	Ongoing	John Norton

Reference Number	Start Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status	Team Member Contact
2021-004	03/17/2021	Project GREEN-Accumulation of Per- and Polyfluoroalkyl Substances in Historically Archived Corn and Wheat Grains  Contract 2103224	Michigan State University Project	\$20,000 (Contract amount) (Project worth \$69,999)	None	Ongoing	John Norton
2021-005	05/04/2021	Department of Energy Renewable Energy Research and Development Hydro liquification – Converting Bio-hazards into Diesel fuel	Department of Energy (DOE)/ Pacific Northwest National Labs (PNNL)	\$1,000,000 (\$375,000 Cost Share)	Federal Audit Requirements (add to existing audit program)	Ongoing	John Norton
2021-008	07/12/2021	Method Development for Detection of Human Sources of Fecal Contamination in the Watershed Contract 2100771	Wayne State University Project	\$140,0749 (Life to date through FY 2022)  \$297,299 (Contract amount)	None	Ongoing	John Norton
2021-009	03/30/2021	Life cycle assessment Contract 2001595	University of Michigan Project	\$147,977 (Life to date through FY 2022)  \$234,726 (Contract amount)	None	Ongoing	John Norton

Reference Number	Start Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status	Team Member Contact
2022-011	10/05/2021	Volatile Fatty Acid Analysis Contract 2102174	Wayne State University Project	<b>\$35,359</b> (Life to date through FY 2022)  \$62,600 (Contract amount)	None	Ongoing	John Norton
2021-011	04/29/21	Integrated biochemical electrochemical technologies (IBET)	University of Michigan Project	\$312,500 and in-kind labor and facility for program participation (Contract amount; Project worth \$6,790,983)	None	Ongoing	John Norton
2022-012	01/26/2022	Data Driven Decision Making Framework Contract 2102864	University of Michigan Project	<b>\$142,691</b> (Life to date through FY 2022)  \$590,179 (Contract amount)	None	Ongoing	John Norton
2022-013	06/10/2022	Create Workforce and Laboratory of the Future at Water Works Park Contract 2104064	Wayne State University Project	<b>\$43,174</b> (Life to date through FY 2022)  \$584,114 (Contract amount)	None	Ongoing	John Norton
2022-004	02/23/2022	Water Technician Registered Apprenticeship Program- \$2,225 per apprentice, 25 apprentices	Macomb Community College Tuition	\$55,625	None	\$4,208 received \$4,414 received Ongoing	Patricia Butler



Reference Number	Start Date	Program Description	Type of Activity	Amount to be Provided	Compliance and/or Performance Requirements	Status	Team Member Contact
2021-012	09/21/2021	Michigan Industrial Cluster Approach (MICA 3.0) Apprenticeship Program- \$1,000 per apprentice, 45 apprentices	Focus Hope	\$45,000	None	<b>\$4,000</b> received 2/6/2023  Ongoing	Patricia Butler
2022-015	04/04/22	Evaluation of Flow Cytometry for Drinking Water Applications	Wayne State University	28,252 (Life to Date through 03/31/2023) 35,315 (Contract Amount)	None	Ongoing	John Norton
2022-014	04/03/23	<b>Modeling Impacts of Loss of Power System Resilience on the GLWA System</b>  <b>Contract 2202737</b>	<b>University of Michigan</b>	<b>291,203</b>  <b>(Contract Amount)</b>	None	<b>New</b>	<b>John Norton</b>

**Table 3 Post Award Programs** 12 programs with 18 reimbursement requests and receipts in FY 2021, FY 2022, and FY 2023 through March 31, 2023.

**Table 3 – Post Award Programs**

Reference Number	Request Date	Program Description	Type of Activity	Amount	Compliance and/or Performance Requirements	Status	Team Member Contact
2020-001	08/31/2020; 09/23/2020; 10/26/2020; 11/23/2020	Wage Incentive used for qualified apprentices	MOU with DESC (Detroit Employment Solutions Corporation) and SER-Metro Detroit	\$12,000 (\$3,000 per month)	Minimum wage and monthly work hour requirements	\$12,000 received	Patricia Butler
2020-002b	11/11/2020	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 149797	Federal Grant  (Reimbursement Basis)	\$84,244	Federal Audit Requirements (add to existing audit program)	\$84,244 received 10/14/2021	Kathy Smith-Roy
2020-002c/ 2022-007	02/09/2021	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 149800	Federal Grant  (Reimbursement Basis)	\$16,123	Federal Audit Requirements (add to existing audit program)	\$16,123 received 10/14/2021	Kathy Smith-Roy
2020-003	Pre-FY 2019	Anaerobic Digestion Project CS-217	Michigan State University Project	\$355,742 (Life to date through FY2022) \$355,800 (Contract amount)	None	Completed	John Norton
2020-006	FY2020	Lake Huron to Lake Erie Monitoring Platform; Photocatalytic UV materials	Multiple Projects with Wayne State University	\$1,284,500 (Contract amount)	None	Program not initiated; no resources provided	John Norton

Reference Number	Request Date	Program Description	Type of Activity	Amount	Compliance and/or Performance Requirements	Status	Team Member Contact
2020-011	Pre-FY2020	Smart Pipes Contract 1900902	University of Michigan Project	\$356,460 (Life to date through FY2022) \$356,610 (Contract amount)	None	Completed	John Norton
2020-012	Pre-FY2020	Phosphorus and Oxygen Control; Collection System Optimization Contract 1900169	Multiple Projects with University of Michigan	\$250,000 (Contract amount)	None	Program incorporated into similar 2020-004 program	John Norton
2021-001	01/01/2021	The Michigan Department of Environment, Great Lakes, and Energy (EGLE) Drinking Water Asset Management (DWAM) Grant CS-198	State Grant (Reimbursement Basis)	\$998,047	None	Not received	Jody Caldwell
2021-002	02/01/2021	Southeast Michigan Council of Governments (SEMCOG) Infrastructure Asset Management Program	Organization of Local Governments (Reimbursement Basis)	\$29,951	None	\$29,951 received 02/18/2021	Jody Caldwell
2021-003	02/18/2021	The Michigan Department of Environment, Great Lakes, and Energy (EGLE) Watershed Council Support Program	State Grant (Reimbursement Basis)	\$40,000	Quarterly Progress Reports	\$4,050 received 06/27/2022; \$18,190 received 09/16/2022; \$17,759 received 10/17/2022	Dan Gold

Reference Number	Request Date	Program Description	Type of Activity	Amount	Compliance and/or Performance Requirements	Status	Team Member Contact
2021-006	06/21/2021	Improving Arrested Anaerobic Digestion Using Vacuum-Based IntensiCarb Reactors	DOE, Office of Energy Efficiency and Renewable Energy/ University of California Irvine	In-kind labor for program participation (Project worth \$3,875,000)	None	Program not initiated; no resources provided	John Norton
2021-007	06/23/2021	United States Environmental Protection Agency - EGGLE Surface Water Intake Protection Program (SWIPP)	Federal Grant (Reimbursement Basis)	\$50,000	Quarterly Progress Reports Match \$50,000	\$7,106 received 08/09/2022; \$920 received 10/13/2022	Mary Lynn Semegen and Terry Daniel
2021-013	12/28/2021	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 552205	Federal Grant (Reimbursement Basis)	\$36,014	Federal Audit Requirements (add to existing audit program)	\$36,014 received 06/27/2022	Kathy Smith-Roy
2022-001a	03/03/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 435200	Federal Grant (Reimbursement Basis)	\$92,033	Federal Audit Requirements (add to existing audit program)	\$92,033 received 06/27/2022	Kathy Smith-Roy
2022-001b	03/03/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 553382	Federal Grant (Reimbursement Basis)	\$63,842	Federal Audit Requirements (add to existing audit program)	\$63,842 received 06/27/2022	Kathy Smith-Roy

Reference Number	Request Date	Program Description	Type of Activity	Amount	Compliance and/or Performance Requirements	Status	Team Member Contact
2022-003	01/20/2022	Federal Emergency Management Agency (FEMA), Building Resilient Infrastructure and Communities (BRIC)  Northwest Interceptor Diversion Tunnel	Federal Grant (Reimbursement Basis)	\$39,611,007	Federal Audit Requirements (add to existing audit program)  Match \$13,203,669	Not received	Jody Caldwell
2021-010	02/11/2021	Prestressed concrete cylinder pipe (PCCP) Study on Loss of Preload Contract 2101210	Tarrant Regional Water District	\$20,000 (Contract amount) (Project worth \$20,000)	None	\$20,000 Received	John Norton
2022-009	06/26/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 676489	Federal Grant Reimbursement Basis	\$79,557	Federal Audit Requirements (add to existing audit program)	\$79,557 Received on 2/28/23	Kathy Smith-Roy
2022-010	07/01/2022	Federal Emergency Management Agency (FEMA) activity related to COVID-19  Project 677321	Federal Grant Reimbursement Basis	\$70,039	Federal Audit Requirements (add to existing audit program)	\$70,039 Received on 2/28/23	Kathy Smith-Roy