



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

VIA E-MAIL

TO: Senate Appropriations Committee Members  
House Appropriations Committee Members

FROM: Amy Epkey, Senior Deputy Director 

DATE: February 11, 2022

SUBJECT: Report on Renewing Michigan's Environment Program

In accordance with Section 51g(5) of 2018 PA 588, attached is the Department of Environment, Great Lakes, and Energy's (EGLE) report on Renewing Michigan's Environment Program for fiscal year 2021.

If you need further information, please contact Paul McDonald, Director, Finance Division, at 517-284-5003; or you may contact me at 517-242-7407.

Attachment

cc/att: Kathryn Summers, Director, Senate Fiscal Agency  
Mary Ann Cleary, Director, House Fiscal Agency  
Chris Harkins, Director, State Budget Office  
George W. Cook, III, Legislative Affairs Director, Governor's Office  
Marc Rehmann, Policy Director, Governor's Office  
Ben Dawson, Senate Fiscal Agency  
Austin Scott, House Fiscal Agency  
Jacques McNeely, State Budget Office  
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Liesl Eichler Clark, Director, EGLE  
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Travis Boeskool, Legislative Liaison, EGLE  
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MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

## Legislative Report

# Report on Renewing Michigan's Environment Program

Report Period:  
Fiscal Year 2021

Authority:  
Section 51g(5) of 2018 PA 588

### Overview

In December 2018 the Legislature established the Renewing Michigan’s Environment Program (Program) through 2018 PA 588. The Program is funded by \$69.0 million annually from tax revenue and is to be used for three specific purposes: environmental cleanup and redevelopment (65%), recycling (22%), and waste management (13%).

During fiscal years 2020 and 2021, the Program was impacted by the global pandemic and the resulting economic slowdown. Several Executive Directives were issued to accommodate the slowdown, causing spending and hiring to be hindered. The programmatic goals for the Program remain important to the Department of Environment, Great Lakes, and Energy (EGLE) and will work to adjust as the economy recovers.

### Beginning Fund Balance

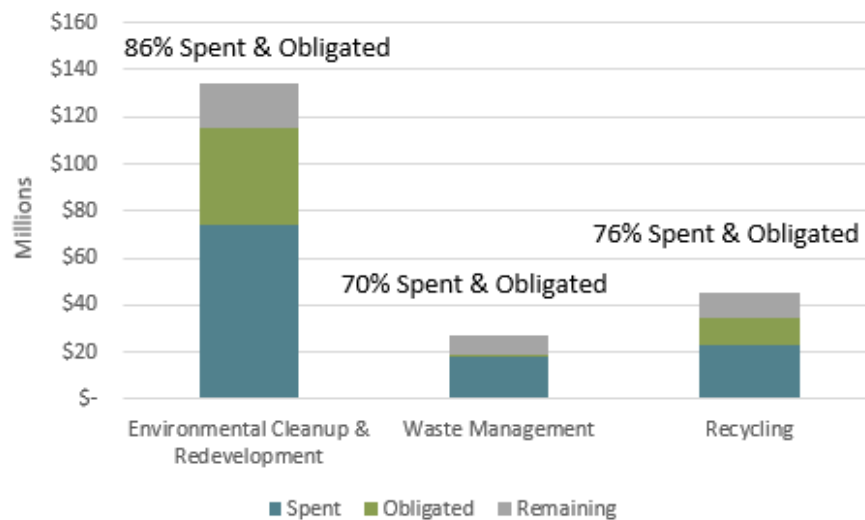
To begin fiscal year 2021 on October 1, 2020, the Program had an unobligated fund balance of \$29.5 million, which carried forward from the previous fiscal year.

### Revenues

In fiscal year 2021, \$69.0 million in tax revenue was received in the Renew Michigan Fund, along with \$107,800 in interest earnings.

### Expenditures

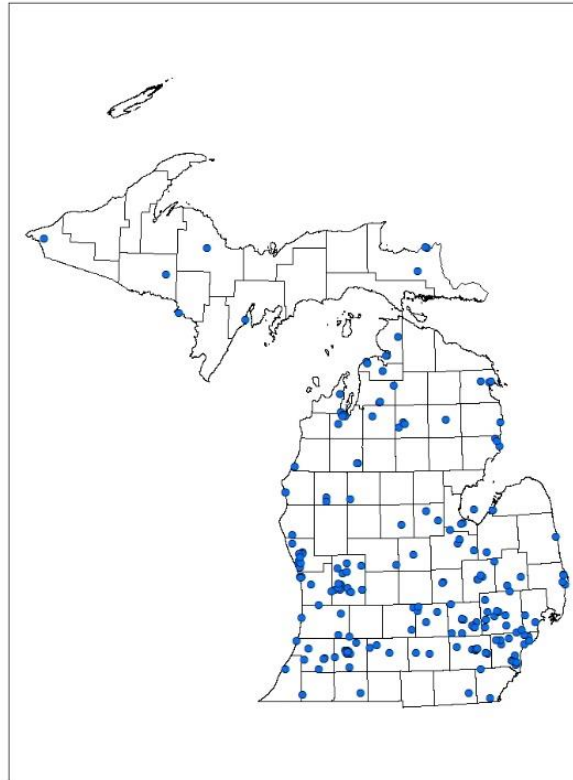
As of September 30, 2021, EGLE has spent and obligated 82% or \$168.5 million of the annual allocations of \$206.5 million since its inception in fiscal year 2019.



For fiscal year 2021 only, EGLE spent and obligated \$97.4 million against current and prior year projects that continued from previous years.

### Environmental Cleanup and Redevelopment

EGLE has partnered with local agencies to address contamination and implement brownfield redevelopments in over 200 sites across the state. Activities include remediation of sites contaminated with per- and polyfluoroalkyl substances (PFAS), water sampling, water analysis, and water monitoring. The map below provides an overview of sites that will be addressed:



Additional detail on the sites can be found in Appendix A or at the following site:  
<https://experience.arcgis.com/experience/a3db431c6b154b87a481e1122f726101>.

### Waste Management

Through the waste management allocation, EGLE supported efforts in the Solid Waste Program under Part 115, Solid Waste Management, and the Hazardous Waste Program under Part 111, Hazardous Waste Management, both within the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. In addition, staff provided oversight of leachate removal and operations and maintenance at the Richfield Landfill.

### Recycling

The Program will provide grants to local communities for recycling infrastructure, improvements to the quality of recyclables, market development, and agricultural recycling. Additional detail on grants awarded in fiscal year 2021 can be found in Appendix B. Details on existing contract expenditures that support recycling initiatives can be found in Appendix C.

### Ending Fund Balance

As of September 30, 2021, the ending unobligated fund balance was \$39.3 million and was carried forward to fiscal year 2022. The carryforward will be used to finish activities initially started within the Program.

### Going Forward

EGLE will continue to work closely with local communities to implement and support the Program to protect Michigan.

## Appendix A

### Department of Environment, Great Lakes, and Energy Remediation and Redevelopment Division Sites Addressed Through Renewing Michigan's Environment Program

#### **Alcona**

Harrisville Sport Center

#### **Allegan**

Chase Mfg Co Vig Of Douglas

DeYoung Landfill

Otsego Area Study

Wayland Recycling Inc

#### **Alpena**

Alpena Airfield Area PFAs

Alpena Hide Leather Company

Former Werth Dry Cleaners Property

Wessel Rd Quarry

#### **Antrim**

Tar Lake

Wickes Manufacturing

#### **Barry**

Kavco Landfill

#### **Bay**

Dwan, Bay City (Riverbend West)

Euclid Ave (Bay City one hour)

Saginaw Bay Reefs

#### **Berrien**

Harbor Plating

#### **Calhoun**

Helmer and Dickman Road Area

Marshall Iron Metal South

Verona Well Field Battle Creek

#### **Cass**

Us Aviex

#### **Charlevoix**

Charlevoix Municipal Well

DME Company

Lofts on the Lake Street

#### **Chippewa**

100 Salmon Runway

411 West Portage Avenue (Soo Locks Laundry)

#### **Crawford**

Camp Grayling Lake Margrethe

Grayling Area Pfc's

Grayling Northern Market

#### **Delta**

NuWay Cleaners Escanaba

#### **Dickinson**

Former Iron Mountain MGP

#### **Eaton**

536 Elmwood Road

916 S Main St Eaton Rapids

#### **Emmet**

Hookers Cleaners Former

Kincheloe AFB

Pellston Airport

Pmc Groundwater Petoskey

#### **Genesee**

BFG Clark Commons - Flint 2019-1376

Gilbert Residence

Gm Fisher Guide Flint

Grand Traverse Greenway Trail

Zack Co/Demo dump (frmr)

#### **Gogebic**

Gogebic County Airport

## Appendix A

### Department of Environment, Great Lakes, and Energy Remediation and Redevelopment Division Sites Addressed Through Renewing Michigan's Environment Program

#### Grand Traverse

401 E Front St. Traverse City  
Carl's Retreading Grawn  
CODDINGTON CLEANERS  
East Bay Plaza One Hour Mtzing  
East Bay Township Area  
Meach Cleaners  
United Technologies

#### Gratiot

BFG Former Coal Yard Facility - Alma (2019-2410)  
Gratiot Metal Property

#### Houghton

Kauppi Oil Enterprises

#### Huron

Main Street 115 E Sebewing  
Sebawaing Industries

#### Ingham

Americhem Corporation  
BFG - Village of Okemos - Okemos 2019-2381  
Capital City Market  
Kent Cleaners  
Old Town Extension  
Vivees Florist

#### Iosco

AuSable River DNR Boat Launch  
Colbath Road PFAS Contamination  
Wurtsmith Air Force Base

#### Isabella

West Broadway Street

#### Jackson

Downtown Parma Wells  
Michner Plating - North Mechanic

#### Kalamazoo

508 Harrison Street (Rivers Edge)  
615 West Kalamazoo Ave  
Aero Motive Co  
Fox River Frmr  
Harrison Circle Redevelopment  
Haugen Property  
Kalamazoo River  
Nolichucky Industries Corp  
North 34Th St Area Richland  
Paris Cleaners  
Savage Rowe Plating Co

#### Kalkaska

Wash Tyme Laundry

#### Kent

1217 College Avenue NE  
2983 Veterans Memorial Drive  
413 Hall Street Se  
424 South Division Avenue  
508 West Main Street, Lowell  
5749 28<sup>th</sup> Street SE, Grand Rapids  
American Laundry (Fmr) Container Waste  
Cascade Paterson Area Contam  
Cascade Township Res Wells  
Cedar Springs WWTP  
CROFF SALVAGE YARD  
Former Dexter Lock  
House St Disposal Area  
Keeler Brass - Godfrey SW  
Newell Manufacturing  
North Kent Disposal  
Reliable Equipment Co  
Sparta Foundry

#### Lake

1047 Michigan Ave - Baldwin  
Wash King Laundry

#### Lapeer

144 E 3rd St  
Metamora Landfill  
Otter Lake Industrial Property

## Appendix A

### Department of Environment, Great Lakes, and Energy Remediation and Redevelopment Division Sites Addressed Through Renewing Michigan's Environment Program

#### **Leelanau**

GTOS-Harbor West Methane  
Wales Quality Cleaners

#### **Lenawee**

203 South Lane St, Blissfield  
Adrian Dry Cleaners

#### **Livingston**

Brighton Twp Dump  
Diamond Chrome Plating Inc  
Fowlerville Road Tce  
Hamburg Unadilla Rds Contam  
Main Street Gregory  
March Coatings - 1279 Rickett Road  
Marcy's Cleaners  
Res Well Holly Rd  
Snedicors Cleaners of Howell  
Thermofil Incorporated

#### **Macomb**

Grosse Pointe Dump Quinn Road  
Utica Lf Act 381

#### **Manistee**

Manistee Landfill - Former

#### **Marquette**

Jasperlite Senior Housing

#### **Mason**

Blue Ribbon Cleaners  
Star Watchcase

#### **Midland**

Gladwin Forest Management Diesel Spill  
Papa Johns Midland

#### **Monroe**

8744 Lewis Ave, Temperance  
Monroe Corner LLC  
Monroe Recycling ACT 381

#### **Montcalm**

Crystal Refinery  
Edmore Cleaners  
South Sheridan Road PFAS Investigation

#### **Muskegon**

122 West Muskegon Avenue  
2536 Peck Street  
460 West Western Ave - Muskegon Convention Center  
Coles Cleaners Whitehall  
Duell And Gardner Landfill  
Muskegon County Airport  
Northside Landfill  
Ott Story Cordova Chemical  
Peerless Plating  
Zephyr Inc Naph Sol Refining

#### **Oakland**

12700 West 8 Mile Road  
640 West Huron St. Pontiac  
Chapel Lf  
Coe's Cleaners  
Dean St Res Wells  
Electroplating Service, Inc  
Falk Road Landfill (former)  
Franklin Village Plaza  
House of Providence  
Oakland County Airport  
South Milford Rd  
Walton Wood at Milford Property  
Waterford Hills Sanitary L F

#### **Oceana**

Rothbury Forrest Street PFAS

#### **Osceola**

Osceola Refinery Frmr

#### **Oscoda**

Hoskins Manufacturing

#### **Otsego**

Village of Elmira



## Appendix A

### Department of Environment, Great Lakes, and Energy Remediation and Redevelopment Division Sites Addressed Through Renewing Michigan's Environment Program

#### Ottawa

105 Fulton Avenue/Stanco Metals  
120<sup>th</sup> Avenue AS Study Area  
1447 East Washington  
Fenske Lf Ottawa Co  
Ottawa Steel Products Area

#### Presque Isle

BFG - Inn Project - Rogers City 2020-2420

#### Saginaw

1601 North Niagara Street  
BFG - BV Hotel Demo - Saginaw  
Gm Malleable Iron  
MBS International Airport  
Weiss St Retention Basin

#### Sanilac

6810 E Sanilac Road

#### Shiawassee

Partz Corporation  
SHIAWASSEE SAN LF  
Youngs LF

#### St. Clair

Ft Gratiot San Lf  
Marysville Dte Power Plant  
Schrader Sons  
Techi-Comp

#### Tuscola

7775 Irish Road

#### Van Buren

Belgravia  
Commercial St Industrial Area J97  
Du Wel Metal Products  
Paw Paw Laundry  
Production Rubber Products  
Res Well CR 688 Decatur  
W.L. Hamilton-Bangor

#### Washtenaw

2 W Michigan - Ypsilanti  
103 N. East St, Chelsea  
Ann Arbor Machine  
Armen's Cleaners  
Broadway Coin Laundry  
DTE Energy – Ann Arbor Service Center  
Forbes Dry Cleaners  
Jackson Cleaners  
Medical Center Court Apartments

#### Wayne

10600 Gratiot Avenue  
17627 Conant Street  
1801 West Jefferson Avenue  
6610 N. Wayne Rd  
7891 East Jefferson Ave, Detroit1  
BFG - Jefferson Chalmers - Detroit 2019-2380  
BFG Eastside Industrial - Detroit 2019-1374  
Cardinal Fabric Care  
Chrysler Trenton Chemical Plant  
Contaminated Fill Near Beitz Creek  
Ford Motor Co Livonia  
Frmr Bmc Manufacturing Inc  
Gudith Rd Lf Aka Timber Ridge  
Mclouth Steel Gibraltar  
Meijers Woodhaven  
Telecraft Shopping Center  
The Quad (former Trenton Lanes)

#### Wexford

King Cleaners  
Mitchell-Bentley-Cadillac

**Appendix B**  
**Department of Environment, Great Lakes, and Energy**  
**Materials Management Division**  
**2021 Recycling Grants**

|   | <u>Grant Award</u> | <u>Grant Match</u> |
|---|--------------------|--------------------|
| <b>Recycling Infrastructure</b>                                     |                    |                    |
| Aquinas College   | \$13,906           | \$3,476            |
| Calhoun County  | \$37,944           | \$9,486            |
| City of Alpena  | \$58,080           | \$14,520           |
| City of Detroit   | \$20,000           | \$5,000            |
| City of Flint   | \$87,025           | \$46,526           |
| City of Holland   | \$267,646          | \$244,868          |
| City of Laingsburg  | \$50,000           | \$62,790           |
| City of Riverview   | \$54,700           | \$13,675           |
| City of Westland  | \$50,000           | \$84,232           |
| City of Ypsilanti   | \$73,440           | \$18,360           |
| Delta Solid Waste Management Authority                              | \$600,000          | \$164,016          |
| Emmet County Department of Public Works                             | \$150,000          | \$37,500           |
| Franklin Iron and Metal Co  | \$300,000          | \$650,000          |
| GFL Environmental USA   | \$213,881          | \$200,394          |
| Great Lakes Recovery Center - Partridge Creek                       | \$18,800           | \$4,700            |
| Huron-Clinton Metropolitan Authority                                | \$48,816           | \$12,204           |
| Ishpeming Township  | \$56,971           | \$14,243           |
| Kent County Department of Public Works                              | \$150,000          | \$348,600          |
| Keweenaw Bay Indian Community                                       | \$35,000           | \$5,000            |
| Lenawee County  | \$64,289           | \$16,810           |
| Marquette Charter Township  | \$55,240           | \$13,810           |
| Michigan State University   | \$170,000          | \$62,000           |
| Missaukee County  | \$73,840           | \$18,460           |
| Negaunee Township   | \$55,040           | \$13,760           |
| Recycle Livingston Inc. - City of Howell                            | \$463,685          | \$182,380          |
| Resource Recovery & Recycling Authority of Southwest Oakland County | \$88,640           | \$22,160           |
| Southfield Christian School   | \$7,840            | \$1,960            |
| Wayne State University  | \$122,600          | \$30,650           |
| <b>Total Recycling Infrastructure</b>                               | <b>\$3,387,383</b> | <b>\$2,301,580</b> |

## Appendix B

### Department of Environment, Great Lakes, and Energy Materials Management Division 2021 Recycling Grants

|   | <u>Grant Award</u>        | <u>Grant Match</u>        |
|---|---------------------------|---------------------------|
| <b>Recycling Market Development</b>                 |                           |                           |
| Battery Solutions                                   | \$58,444                  | \$20,400                  |
| Cascade Engineering                                 | \$125,000                 | \$875,000                 |
| Clare County Road Commission                        | \$93,000                  | \$800,000                 |
| Close the Loop - Applegate Insulation Manufacturing | \$100,000                 | \$55,000                  |
| Cobalt Holdings, LLC.                               | \$298,521                 | \$298,521                 |
| Dickinson County Road Commission                    | \$410,000                 | \$410,000                 |
| Emterra Environmental USA Corp.                     | \$250,000                 | \$274,535                 |
| Entech, Inc.  | \$1,303,120               | \$1,303,120               |
| Foodservice Packaging Institute                     | \$100,000                 | \$100,000                 |
| GFL Environmental USA Inc.                          | \$100,000                 | \$70,000                  |
| Goodwill Industries                                 | \$200,000                 | \$226,675                 |
| Great Lakes Tissue Company                          | \$250,000                 | \$422,548                 |
| I Do TDA, Inc.                                      | \$1,155,000               | \$1,155,000               |
| Innovakote, LLC.                                    | \$273,650                 | \$133,531                 |
| Kent County Department of Public Works              | \$49,100                  | \$18,700                  |
| Michigan Recycling Coalition                        | \$90,621                  | \$100,880                 |
| Mid Michigan Environmental Action Council           | \$100,000                 | \$76,065                  |
| Next Energy Center                                  | \$50,000                  | \$22,000                  |
| Northeast Michigan Council of Governments           | \$55,000                  | \$20,000                  |
| PM Power Group                                      | \$190,789                 | \$136,859                 |
| Public Thread (Janay J Brower Consulting)           | \$133,818                 | \$50,000                  |
| Schupan Recycling                                   | \$212,500                 | \$99,000                  |
| SEEDS Ecology & Education Centers                   | \$75,000                  | \$29,250                  |
| The Materials Group                                 | \$100,000                 | \$153,800                 |
| Vartega, Inc.                                       | \$100,000                 | \$33,334                  |
| West Michigan Sustainable Business Forum            | \$57,390                  | \$24,326                  |
| <b>Total Recycling Market Development</b>           | <b><u>\$5,930,953</u></b> | <b><u>\$6,908,544</u></b> |
| <b>Electronics Recycling</b>                        |                           |                           |
| Bay Area Recycling for Charities                    | \$60,000                  | \$29,575                  |
| Bay Mills Indian Community                          | \$15,000                  | \$10,000                  |
| Eaton County - Delta Twp Recycling Center           | \$32,000                  | \$8,000                   |
| Gogebic Range Solid Waste Management Authority      | \$15,000                  | \$3,750                   |
| Great Lakes Recycling Electronics Division-Oak Park | \$24,120                  | \$11,880                  |
| Green Earth Electronics Recycling                   | \$80,629                  | \$33,000                  |
| Jackson County Conservation District                | \$15,000                  | \$5,500                   |
| Marquette County Solid Waste Management Authority   | \$50,000                  | \$10,000                  |
| Missaukee County Conservation District              | \$35,000                  | \$19,408                  |
| Northeast Michigan Council of Governments           | \$37,520                  | \$18,480                  |
| Office Recycling Solutions                          | \$10,000                  | \$0                       |
| Resourceful Recycling                               | \$20,000                  | \$6,600                   |
| Superior Watershed Partnership                      | \$49,400                  | \$12,400                  |
| Valley City Electronics Recycling                   | \$44,680                  | \$22,006                  |
| <b>Total Electronics Recycling</b>                  | <b><u>\$488,349</u></b>   | <b><u>\$190,599</u></b>   |

**Appendix B**  
**Department of Environment, Great Lakes, and Energy**  
**Materials Management Division**  
**2021 Recycling Grants**

|  | <u>Grant Award</u>  | <u>Grant Match</u> |
|--|---------------------|--------------------|
| <b>Circular Economy &amp; Other Grants</b>       |                     |                    |
| Arts and Scraps                                  | \$10,000            | \$0                |
| City of Ferndale                                 | \$10,000            | \$0                |
| Essential Recycling                              | \$10,000            | \$0                |
| Georgia Street Community Garden                  | \$10,000            | \$0                |
| Goodwill Greenworks                              | \$9,800             | \$0                |
| Greater Laingsburg Recyclers                     | \$10,000            | \$0                |
| Green Living Science                             | \$10,000            | \$0                |
| Lawrence Technological University                | \$1,550,000         | \$0                |
| Make Food Not Waste                              | \$10,000            | \$0                |
| Michigan Worm Works                              | \$10,000            | \$0                |
| Organicycle                                      | \$10,000            | \$0                |
| Ottawa County                                    | \$10,000            | \$0                |
| Pink Elephant Events                             | \$10,000            | \$0                |
| Recycle Ann Arbor                                | \$10,000            | \$0                |
| University of Michigan                           | \$101,112           | \$0                |
| Unlimited Recycling                              | \$10,000            | \$0                |
| Urban Ashes                                      | \$10,000            | \$0                |
| Wayne State University                           | \$10,000            | \$0                |
| <b>Total Circular Economy &amp; Other Grants</b> | <b>\$1,810,912</b>  | <b>\$0</b>         |
| <br>   |                     |                    |
| Total Renew Michigan Funds                       | \$11,617,597        | \$0                |
| Total Match Funds                                | \$0                 | \$9,400,723        |
| <b>Total 2021 Recycling Grants</b>               | <b>\$11,617,597</b> | <b>\$9,400,723</b> |

## Appendix C

### Department of Environment, Great Lakes, and Energy Materials Management Division Recycling Contracts

| <b>Vendor</b>              | <b>Description</b>                            | <b>FY 2021 Contract Obligations</b> |
|----------------------------|---|-------------------------------------|
| Resource Recycling Systems | Materials Management Infrastructure           | \$0                                 |
| Resource Recycling Systems | Partnership & Innovation Recycling/NextCycle  | \$1,880,000                         |
| Pace Marketing/GUD         | Recycling Marketing & Advertising Services    | \$2,500,000                         |
| Michigan State University  | Recycling Leaders Training Course Development | \$150,000                           |

The above contracts are open multi-year agreements and amounts are reflective of payments made in FY 2021 only.